

December 1, 2015

Hon. Andrew M. Cuomo Governor **Executive Chamber NYS Capitol** Albany, NY 12224

Dear Governor Cuomo,

Pursuant to the Public Authority Law Section 1867(7), as amended in 2015, attached is the semi-annual report for the period from April 1, 2015 through September 30, 2015.

The report is broken into sections to meet the report requirements, a summary of each requirement is detailed below:

Requirement 1 is for the revenues collected by the Authority in the reporting period. A total of \$479,374,000 was collected during the report period. The majority of these funds, \$338,079,000 are from ratepayer assessments: SBC, EEPS and RPS. An additional \$91,481,000 was collected from the sale of allowances through the Regional Greenhouse Gas Initiative (RGGI). The balance of the funds are from State appropriations, third party program funding, Federal Funding, and other revenue sources.

As of March 31, 2015 NYSERDA has total outstanding programmatic commitments of approximately \$2.4 billion. These funding commitments are supported by \$1.4 billion of available funding with the difference scheduled to be funded from future collections and reimbursements approved by the Public Service Commission. Primarily NYSERDA administers programs on behalf of the Public Service Commission and others whereby funds are provided at program inception or on a fixed payment schedule over the duration of the program, but the terms of the program sponsor or legislation limit the use of funds to certain program purposes. Frequently, the collection and recording of revenues does not occur in the same reporting period as the contractual obligation or expenditure of such funds. and the unexpended amount of such funds is reported as Net Position Restricted for Specific Programs on NYSERDA's Statement of Net Position.

Requirement 2 is a list of requests for proposals, program opportunity notices, or similar solicitations that have been issued in the reporting period. A total of 19 Solicitations were issued, modified or offered funding through rounds available during the reporting period. The Solicitations represent up to \$564,100,000 in potential awards. Notable solicitations in the period include the issuance of the NY Sun Commercial and Industrial MW Block Program, an open enrollment incentive program for the installation of large (>200kW) Photovoltaic (PV) systems that will offset the use of grid-supplied electricity, with \$450 million available through 2023 or until funds are fully committed. A copy of each solicitation is included.

New York State Energy Research and Development Authority

(F) 716-842-0156

- Requirement 3 is a description of the criteria and standards utilized for awarding a requests for
 proposals, program opportunity notices, or similar solicitations. The criteria for award selection or
 project eligibility is included in each solicitation. Note requirement 2 and requirement 3 are contained
 in one section of the report.
- Requirement 4 is a regional report on all projects selected for funding by the authority during the reporting period, including the county and utility service territory in which the project is located, and the total value of these projects statewide and by region. Both a summary by REDC and details for each regional economic development council (REDC) are provided. The region "Statewide" includes projects that do not have a distinct project location and provide benefits across New York State. Projects totaling \$360,050,142 were selected for funding during the period. These include projects selected from competitive solicitations, projects from application based programs like NY Sun and from contracts awarded for NYSERDA administration. A high level regional breakdown is in Table 1:

REDC	 \$ Funded	% Total
Capital Region	\$ 36,020,731	10%
Central New York	\$ 13,275,446	4%
Finger Lakes	\$ 14,428,572	4%
Long Island	\$ 37,056,489	10%
Mid-Hudson	\$ 28,274,424	8%
Mohawk Valley	\$ 15,550,055	4%
New York City	\$ 67,851,727	19%
North Country	\$ 10,467,177	3%
Southern Tier	\$ 17,253,969	5%
Statewide	\$ 88,905,341	25%
Western New York	\$ 30,966,216	9%
Grand Total	\$ 360,050,142	100%

The top counties with projects selected for funding include New York County (\$37 million) Nassau County (\$31 million) and Albany County (\$21 million). Note that 86% of the funding for the Long Island region is supported with RGGI funds.

- Requirement 5 is all disbursements or expenditures of revenues pursuant to a requests for proposals, program opportunity notices, or similar solicitations. A total of \$278,811,347 was disbursed during the period. The majority of funds were spent on Green Jobs Green New York, (\$43,069,807), the New York Sun Program (\$32 million), Large Scale Renewables (\$28 million), the EMPOWER program which supports low-income households (\$27 million) and the Existing Facilities Program (\$22 million). A report that details these disbursements is included.
- **Requirement 6** is a list of all contracts executed and completed during the reporting period including a description of each project. During the reporting period 5,717 projects were executed with a value of \$360,050,142. The vast majority 2,837 projects for \$103 million were for NY Sun. Other notable

programs include the Industrial and Process Efficiency Program (\$31 million), New York Green Bank (\$20 million), On-Site Power (\$19 million) and Cleaner, Greener Communities (\$19 million). A report that details the executed contracts is attached. During the reporting period 7,121 projects were completed with a value of \$161,528,121. A report that details the executed contracts is attached.

We have also included a copy of the various reports submitted through the Public Authority Reporting Information System (PARIS) for the fiscal year ended March 31, 2015, which are filed annually. In addition we have included a copy of the most recent Board-approved annual strategic program plan, available on NYSERDA's website. This information provides useful supplemental information on the Authority's programs, funding, and operations.

If you have any questions on this information, please contact me.

Sincerely,

John B. Rhodes
President and CEO

STERRY

Cc: Honorable John A. DeFrancisco, Chairman, NYS Senate Committee
Honorable Herman D. Farrell, Chairman, NYS Assembly Ways and Means Committee

NYSERDA Public Authority Law Report April 1, 2015 to September 30, 2015

Section Break

NYSERDA Revenues Collected – April 1, 2015 through September 30, 2015

Revenue Source	Amount (\$000's)
State appropriations	17,481
Ratepayer assessments (SBC/EEPS)	171,500
Ratepayer assessments (RPS)	166,579
RGGI allowance proceeds	91,481
Third-party program funding	18,226
Federal grants	6,042
QECB bond interest subsidies	260
Project repayments	24
Lease rentals	655
Fees and other income	246
GJGNY loan interest	1,364
Investment income	5,516
Total	479,374

NYSERDA Public Authority Law Report April 1, 2015 to September 30, 2015

Section Break

Solicitation No.	Title of Solicitation	Solicitation Description	Issue Date	Due Date/Round #	Dollar Value
RFP 3084	Renewable Portfolio Standard Program Purchase of Renewable Energy Attributes	NYSERDA seeks to procure the environmental attributes created by eligible generation resources under the Renewable Portfolio Standard Program (RPS Attributes).	04/07/2015	05/08/2015	No maximum value was stated in the solicitation
RFP 3069	Operations and Maintenance Support Services for the State- Licensed Disposal Area (SDA) and the Western New York Nuclear Service Center (WNYNSC)	NYSERDA seeks proposals for providing the West Valley Site Management Program (WVSMP) with a broad range of operation and maintenance services at the Western New York Nuclear Service Center (WNYNSC) including expertise, equipment and materials needed to conduct operations, maintenance and emergency response support services at the State-Licensed Radioactive Waste Disposal Area (SDA), and on the undeveloped areas of the WNYNSC.	04/01/2015	05/12/2015	No maximum value was stated in the solicitation
RFP 3019	CHP System Inspection and Recommissioning	NYSERDA Combined Heat and Power (CHP) Acceleration Program (PON 2568) supports the installation of CHP systems. In order to support this program, this RFP invites proposals for technical assistance to conduct site inspection and recommissioning activities on CHP systems installed under PON 2568.	04/07/2015	05/19/2015	No maximum value was stated in the solicitation
RFP 3108	Strategic Program Development Training	NYSERDA seeks a contractor to provide custom training and hands-on coaching to equip NYSERDA staff with enhanced strategy tools and approaches that will maximize NYSERDA's success in catalyzing investment in clean energy through the development of programs that are based on our customers' economics and designed "from the market back."	05/05/2015	05/20/2015	No maximum value was stated in the solicitation
RFP 2990	Salesforce Application Development	NYSERDA is soliciting proposals from qualified contractors to provide design and build services for the implementation of <i>Salesforce</i> as an integrated enterprise solution. This solution will leverage and expand an existing <i>Salesforce</i> installation currently being used for Customer Relationship Management (CRM) and will allow for the replacement of disparate program-specific systems used to track projects and workflow.	04/23/2015	05/21/2015	No maximum value was stated in the solicitation
RFQL 3101	76West: Building a Clean Energy Business Ecosystem in New York's Southern Tier	NYSERDA is implementing 76West as a clean energy business competition designed to bring new jobs to the Southern Tier Region (Region). The competition will take advantage of the Region's advanced manufacturing sector, reliable research and tech-transfer capabilities, as well as business training and improvement programs already in place. This competition is expected to attract investment and innovative ideas from around the world to the Region. As part of the competition, entrepreneurs and companies will be challenged to present their ideas and compete for funding, technical assistance, and other services to help turn their proposals into real opportunities.	05/21/2015	06/15/2015	\$20,000,000

Solicitation No.	Title of Solicitation	Solicitation Description	Issue Date	Due Date/Round #	Dollar Value
RFP2917	Inventory of Supply Side Organizations in New York State's Clean Energy Economy	NYSERDA seeks proposals from organizations or individuals to inventory and characterize entities that operate within the various segments of New York State's Clean Energy Economy. The project will develop a detailed geo-coded inventory of clean energy organizations within the State that create "value-added tradable products" for various clean energy segments (e.g., photovoltaics [PV], smart grid, advanced buildings, wind energy, etc.). The information resulting from this project will be used to inform NYSERDA technology and business development programs.	04/30/2015	06/18/2015	\$400,000
PON 3090	Integrated Mobility Solutions for Smarter Cities and Communities	In partnership with the New York State Department of Transportation, NYSERDA seeks proposals that have the potential to reduce the greenhouse gas (GHG) emissions and the associated energy consumption of the existing multi-modal transportation system in New York State. In funding this solicitation, the sponsors seek to promote an integrated, multi-faceted, energy-efficient, and sustainable transportation system through the identification of innovative strategies, policies, emerging technologies and partnerships, and through useful demonstrations and system designs that validate underutilized commercial products in New York State.	05/29/2015	07/29/2015	\$3,000,000
RFP 3143	Staff Augmentation / Contracted Services	NYSERDA is soliciting proposals from qualified contractors to provide consulting services for technical projects across the Authority. From among the Proposals received, the Authority intends to select a list of qualified firms to perform consulting services related to the Authority's Information Systems infrastructure (hardware and software systems). It is the intent of the Authority to empanel a group of qualified information services consultants to be used on an as needed basis for a period of approximately 5 years.	07/14/2015	08/12/2015	No maximum value was stated in the solicitation
PON 3125	Accelerating Availability of Targeted Residential Products	NYSERDA's Program Opportunity Notice (PON) 3125 is designed to support projects that significantly increase the availability and demand for the following high-efficiency residential products: high-efficiency clothes washers, refrigerators, home energy management systems (HEMS), heating, ventilating and air conditioning (HVAC) systems, heat pump water heaters, and advanced lighting fixtures. Support will be offered in three categories: Category A, Market Support to increase the supply of and demand for targeted products through upstream interventions; Category B, Pilots or Demonstration Projects to educate builders, architects, designers, contractors and consumers about HEMS; and Category C, Educational Retail Events that educate consumers and contractors on the benefits of targeted and other high-efficiency residential products.	07/23/2015	09/24/2015 –Category A, B	\$1,900,000

Solicitation No.	Title of Solicitation	Solicitation Description	Issue Date	Due Date/Round #	Dollar Value
PON 3082	NY-Sun Commercial / Industrial Incentive Program	NYSERDA offers performance-based incentives for the installation of new grid-connected solar photovoltaic (PV) systems greater than 200 kW that offset the use of grid-supplied electricity. PV systems must be sized primarily to serve project load. Funding for the NY-Sun Incentive Program ("Program") has been allocated by the New York State Renewable Portfolio Standard and Regional Greenhouse Gas Initiative.	05/04/2015	12/29/2023	\$450,525,000
PON 2942	Advanced Clean Power Technologies	NYSERDA seeks proposals to develop and demonstrate innovative renewable and other advanced clean power technologies, develop and demonstrate technologies that improve performance, or address and overcome specific barriers thwarting increased adoption of Eligible Technologies	11/06/2014	05/05/2015 - Round 2	\$19,500,000 Rounds 1 & 2
RFP 3036	Energy Modeling Partners Application to Provide New Construction Technical Support	NYSERDA seeks firms interested in assisting NYSERDA with delivering technical support services to increase the performance of buildings and their energy systems to reduce overall greenhouse gas emissions. Energy Modeling Partners will deliver technical services on new construction projects to building owners, developers and leaseholders. Technical support services include but are not limited to: deep energy savings and zero net energy design services, building energy use simulation modeling, and specialized green building assistance. Costs for these services are cost-shared between NYSERDA and the new construction customer. Energy Modeling Partners will receive two-year agreements with NYSERDA that will allow them to perform technical services for customers with new construction projects. Agreements will contain two two-year options to renew at NYSERDA's discretion.	09/09/2015	05/31/2016	No maximum value was stated in the solicitation
PON 3106	Cleaner, Greener Communities (CGC) Program, Phase II Implementation Grants, Round 3	The Cleaner, Greener Communities (CGC) Program was announced by Governor Cuomo in his 2011 State of the State address as a competitive grant program to encourage communities to develop and implement regional sustainable growth strategies. The CGC Program builds on the Climate Smart Communities Program, which was established in 2009 by the New York State Department of Environmental Conservation and the New York State Energy Research and Development Authority (NYSERDA) as a network of local governments across New York that have committed, by voluntarily adopting the Climate Smart Communities Pledge, to reduce their greenhouse gas (GHG) emissions and to prepare for unavoidable changes in climate. The CGC Program provides enhanced support for development and implementation of regional sustainability plans to help ensure that New York State's (NYS) ongoing and substantial investments in infrastructure help to shift communities and NYS as a whole toward a more environmentally and economically sustainable future. The primary goal of the CGC Program is to encourage communities to create public-private partnerships and develop regional sustainable growth strategies in such areas as emissions control, energy efficiency, renewable energy, low-carbon transportation, and other carbon reductions.	04/30/2015	07/31/2015 – Category 3, Round 3	\$30,000,000

Solicitation No.	Title of Solicitation	Solicitation Description	Issue Date	Due Date/Round #	Dollar Value
PON 3026	Electric Power Transmission and Distribution (EPTD) Smart Grid Program	NYSERDA announces the availability of up to \$10 million in funds to support research and engineering studies, product development and demonstration projects that improve the resiliency, reliability, efficiency, quality, and overall performance of the electric power delivery system in New York State. Proposals must demonstrate significant statewide public benefit and quantify all energy, environmental and economic impacts. The primary objective of the program is to promote the development of a smart grid that accommodates a diverse supply of generation resources, enhances overall grid performance and enables customers to reduce costs, energy consumption, and environmental impacts.	12/11/2014	08/05/2015 – Round 2	\$10,000,000 Rounds 1 & 2
PON 3016	Plug-In Electric Vehicle-Enabling Technology Demonstration Program	NYSERDA is interested in projects that will study and/or demonstrate existing technologies, or combinations of technologies, and strategies that have not been applied to the PEV market or have not been demonstrated in New York. Of particular interest are technologies and strategies that can integrate PEVs into the electric grid, improve the user experience for PEV drivers, reduce the cost of deploying PEV charging infrastructure, ease financial and regulatory obstacles to PEV adoption, and increase market demand for PEVs. Proposals should focus on research, results, or strategies that can become economically viable on their own and be replicated and implemented throughout the State in the near term to advance PEV acceptance. This solicitation is not for technology development and is not intended to pay primarily for electric vehicle supply equipment (EVSE) deployment.	02/11/2015	09/16/2015 – Round 2	\$3,000,000 Rounds 1 & 2
PON 2606	Advanced Buildings Program	NYSERDA seeks proposals for development and demonstration activities that advance the energy performance of both new and existing buildings in the residential, multi-family or commercial sector. Technology areas of interest include, but are not limited to: construction materials, strategies and practices; HVAC and lighting technologies, automation technologies enabling load flexibility and smarter background operations; and building integrated renewable energy systems. Energy improvements in buildings can also result from activities that do not involve development of new products or construction methods; improvements can result from new policies, regulations or assessments. NYSERDA also seeks proposals for activities to remove inadvertent barriers that hinder the wider use of promising technologies. Added consideration will be given to technologies and opportunities that in addition to improving the energy and environmental performance, increase building resiliency, recovery, and adaptability to disruptions in the electric grid. The total available funding under six rounds of this solicitation is \$25 million.	12/04/2014	09/17/2015 – Round 6	\$25,000,000 For Six Rounds

Solicitation No.	Title of Solicitation	Solicitation Description	Issue Date	Due Date/Round #	Dollar Value
RFP 3067	"High Resolution LiDAR and Aerial Orthoimagery for the Western New York Nuclear Service Center and Environs"	NYSERDA seeks proposals from firms with geospatial expertise to collect and deliver high resolution LiDAR and Aerial Orthoimagery for the Western New York Nuclear Service Center and environs near West Valley, New York. The project area encompasses approximately 173 square miles. Project planning and data collection and processing will be subject to prescriptive and stringent technical specifications and performance standards.	05/12/2015	06/09/2015	No maximum value was stated in the solicitation
RFP 3136	Website Development and Sitecore CMS Administration	NYSERDA owns and operates an instance of Sitecore CMS to host its public facing websites (nyserda.ny.gov, greenbank.ny.gov, energyplan.ny.gov, nysun.ny.gov). NYSERDA requires consulting services for developing and maintaining websites within the Sitecore CMS 3-tiered, 3-layer development environment.	07/07/2015	08/03/2015	\$775,000



Advanced Buildings Program Program Opportunity Notice (PON) 2606 Up to \$25 Million Available Over Six Rounds

Proposals Due Dates:

Round 1: January 22, 2013 Round 2: June 04, 2013 Round 3: December 03, 2013 Round 4: June 04, 2014 Round 5: December 03, 2014 Round 6: September 17, 2015

Received by 5:00 pm Eastern Time*

All, or none, of the available funds could be awarded in any one round

NYSERDA seeks proposals for development and demonstration activities that advance the energy performance of both new and existing buildings in the residential, multi-family or commercial sector. Technology areas of interest include, but are not limited to: construction materials, strategies and practices; HVAC and lighting technologies, automation technologies enabling load flexibility and smarter background operations; and building integrated renewable energy systems. Energy improvements in buildings can also result from activities that do not involve development of new products or construction methods; improvements can result from new policies, regulations or assessments. NYSERDA also seeks proposals for activities to remove inadvertent barriers that hinder the wider use of promising technologies. Added consideration will be given to technologies and opportunities that in addition to improving the energy and environmental performance, increase building resiliency, recovery, and adaptability to disruptions in the electric grid. The total available funding under six rounds

resiliency, recovery, and adaptability to disruptions in the electric grid. The total available funding under six rounds of this solicitation is \$25 million.

Technology Areas of Interest and Funding Level:

Technology Area	Construction Materials, Strategies and Practices	Heating and Cooling	Lighting	Demand Response, Smart Buildings and Demand-Side Resources	Other Technologies or Opportunities
Funding Level	\$5 Million	\$5 Million	\$5 Million	\$5 Million	\$5 Million

The solicitation seeks proposals for: applied research (proof of concept, studies); development activities; and pilot demonstrations. Research proposals submitted to validate/prove a concept must include a task for conducting a business analysis if the concept is found technically promising. The maximum level of funding and minimum preferred cost share (based on the total project cost, not the NYSERDA funding request) required for each project category is as follows:

Project Category	Maximum Award	Total Project Cost Share (Proposer)
Research (Proof of Concept, Studies)	\$100,000	20%
Development	\$500,000	50%
Demonstrations	\$300,000	40%

For development projects in excess of \$300K, proposals are required to be structured with a minimum of two clearly defined phases of not more than \$250K per phase (separate SOW and budgets).



Proposed activities requiring more than the maximum award are required to submit proposals for these additional funds in future rounds of this solicitation. Such proposals may be submitted up to six months <u>before</u> the completion of currently-funded activities.

Technology specific questions and questions on Attachment C-1 should be directed to the following individuals:

Technology Area	Designated Contact	Phone (518) 862-1090 Extension	E-mail
Lighting	Joseph Borowiec	3381	Joseph.Borowiec@nyserda.ny.gov
Heating and Cooling	Michael Genovese	3103	Michael.Genovese@nyserda.ny.gov
Demand Response, Smart Buildings and Demand-Side	Anthony Abate	3522	Anthony.Abate@nyserda.ny.gov
Construction Materials, Strategies and Practices	Robert Carver	3242	Robert.Carver@nyserda.ny.gov
Other Technologies or Opportunities	Robert Carver	3242	Robert.Carver@nyserda.ny.gov

In the event that the Designated Contact above for a given technology area is not available, Joseph Borowiec may be contacted for any technology area (518)862-1090 ext: 3381 (Joseph.Borowiec@nyserda.ny.gov). Contractual questions should be directed to Venice Forbes, (518) 862-1090 ext: 3507 (Venice.Forbes@nyserda.ny.gov). Technical support and questions on Attachment C should be directed to Megan Bulman (518)862-1090 ext: 3541(Megan.Bulman@nyserda.ny.gov). Questions regarding Attachment C-2, the TRL/CRL Calculator, and Attachment C-3, the 3-Year financial projections worksheet, should be directed to Nick Querques (518)862-1090 ext: 3086 (Nicholas.Querques@nyserda.ny.gov). No communication intended to influence this procurement is permitted except by contacting the designated project manager.

Contacting anyone other than the Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

Proposal Submission: Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this PON 2606 webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are located as Attachment H to this PON 2606.

If mailing or hand-delivering, proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing both a PDF or MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, PON 2606 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399



*Late proposals and proposals lacking the appropriate completed and signed Proposal Checklist may be returned. Faxed or e-mailed proposals will not be accepted. See Section IV. Proposal Requirements and Submission for additional information.

* Prior to planning and preparing a proposal for submission, proposer should check NYSERDA's website regarding changes to the solicitation. If changes are made to this solicitation, notification will be posted on NYSERDA's web site: http://www.nyserda.ny.gov/Funding-Opportunities.aspx

I. INTRODUCTION

This Advanced Building Program solicitation encompasses a broad range of activities that address the technical, economic and market barriers of new or emerging energy-efficient building-related technologies, products and/or services. Preferred activities will support the development of innovative energy-efficient products/technologies and promote integration of high-performance and renewable energy and have broad impact on specific building types or sectors. For example, a renewable system that in addition to collecting energy also replaces a material commonly associated with a building's enclosure. Common examples are photovoltaic shingles or photovoltaic spandrel glass. Mounting a solar collector or wind turbine on a building using only conventional hardware does NOT meet this program's requirement for building integrated. Potential proposers should contact the relevant category contact if they are not certain that their renewable technology meets this program's requirement of building integrated. Additional information on each of the five eligible technology areas is included in following sections of this solicitation document.

Proposals will be evaluated by technology area and scored on the evaluation criteria listed in this solicitation. Proposals will be reviewed by technical evaluation panels (TEPs) comprised of NYSERDA staff and external technical experts. All proposals will be evaluated against the evaluation criteria provided in Section VI.

II. PROJECT CATEGORIES

This solicitation offers three project categories. A proposal can only be submitted to one category. Careful consideration should be given to the category selection, as an inappropriate choice could negatively affect project evaluation. Proposers are encouraged to contact the respective NYSERDA project manager with technical questions to gain a complete understanding of the project categories described below:

Research Category (up to \$100,000 of NYSERDA funding per project with a preferred proposer cost share of 20% or greater.)

• Applied research aimed at early stage development of a new product or technology, policy, business and/or regulatory model.

Development Category (up to \$500,000 of NYSERDA funding per project with a preferred proposer cost share of 50% or greater)

- Development and commercialization of products/services for improving the energy performance of either new or existing buildings in New York State. Technical and economic feasibility of the technology/activity should have been demonstrated prior to submitting to this category. If feasibility has not been demonstrated, the proposer may apply under the Research Category.
- Development activities may include field testing to help improve the product/service or expected performance.
- Development proposals in excess of \$300K must include at least two clearly defined phases (field testing, prototype refinement, full-scale production, etc.) and each phase must include a separate statement of work and budget. Funding may be awarded for multiple phases with funding beyond the first phase conditional upon meeting predefined goals of prior phases.



Demonstration Category (up to \$300,000 of NYSERDA funding per project with a preferred proposer cost share of 40% or greater)

- Demonstrations of new or under-utilized technologies or practices that advance the energy performance of either new or existing buildings in New York State.
- Demonstration proposals should not include technology or product development activities. If technology
 or product development activities are appropriate, the proposer may propose under the Research or
 Development category.
- Demonstration proposals should clearly identify how this project will bring the product, technology or
 practice closer to commercial success and how such demonstration will lead to increased use of the
 technology or practice in New York State.
- Demonstration proposals should include a detailed plan for disseminating project results to a wide audience.
- It is NYSERDA's preference that the evaluation of the demonstration be conducted by a recognized and independent third-party evaluator (i.e., evaluator has no financial interest in the outcome of the demonstration).
- It is NYSERDA's preference that demonstrations occur at a site(s) that pay into the System Benefit Charge as the available funding for projects at non-SBC sites is limited.

III. PROGRAM REQUIREMENTS

Projects selected for funding must:

- 1) Address an opportunity to increase the energy-efficiency and/or advance the energy performance of new and/or existing buildings in the residential, multi-family, commercial or institutional sector:
- 2) Provide direct and quantifiable energy, environmental, and economic benefits to New York State such as energy savings, demand response, emissions reductions, job creation, product manufacturing and sales, and/or reduced energy costs;
- 3) Include a project budget using the attached Contract Pricing Proposal Form (CPPF) showing total project cost and proposer cost-share. Include a task budget with cost-share breakdown in the Statement of Work:
- 4) Agree to pay recoupment to NYSERDA for commercial sales or licensing revenues of new technologies, services or products developed with NYSERDA funding;
- 5) Demonstrate that the proposer and/or team is qualified to carry out the proposed work;
- 6) Describe what, if any, barriers exist and how the project will overcome them, and lead to increased market penetration/practices;
- 7) Development proposals should focus on near-term commercialization activities (basic research is ineligible), discuss potential benefits for end-users and/or distribution channels, provide a preliminary commercialization and marketing strategy, and discuss potential plans for manufacturing in New York State;
- 8) Demonstration proposals should describe how the demonstration will help overcome market and/or informational barriers to wide spread market acceptance in New York State or commercial success. Demonstration projects must take place within New York State and include a letter of support from the site owner(s)/decision maker(s);
- 9) Provide a letter of support and commitment from all funding sources.
- 10) Demonstrate that the proposal addresses a current opportunity or gap that is not being addressed adequately by current industry practices and/or federal and/or other state research priorities and funding.
- 11) Include an analysis of project costs and benefits to justify allocation of funding.

Other Considerations:

 A proposal may be considered non-responsive if it fails to comply with the requirements of this solicitation.



- Prior to an award being made, proposers may be required to demonstrate one or more of the following:
 access to financial resources sufficient to perform the proposed work; technical experience and capability;
 adequate facilities (or the ability to access them); and the ability to qualify for an award under applicable
 laws and regulations.
- Preference will be given to proposers that provide attractive leverage (cash co-funding, partnerships) opportunities for NYSERDA.

IV. PROPOSAL REQUIREMENTS AND SUBMISSION

Proposers will be required to use the provided form fillable "Program Proposal Narrative" (Solicitation Attachment C) for the: executive summary; problem statement and proposed solution; business/commercialization plan or technology replication; New York State impacts and project benefits; schedule; proposer qualifications and budget.

The Program Proposal Narrative must have all the required questions/sections answered. If a required question is not answered, the proposal could be deemed unresponsive and will be returned.

Proposals should not be submitted in an elaborate format that includes expensive binders or graphics. Double-sided printing with a staple in the upper left corner is the preferred format. Unnecessary appendices beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the proposer, the PON number and the page number.

A Complete Proposal consists of:

- Attachment A: Proposal Checklist (one of which must contain an original signature),
- Attachment A-1: Acceptance of Standard Terms and Conditions,
- Attachment B: Disclosure of Prior Findings of Non-responsibility Form.
- Attachment C: Program Proposal Narrative
- Attachment C-1: Statement of Work
- Attachment C-2 TRL/CRL Calculator
- Attachment C-3 Three-Year Financial Projections Worksheet
- Attachment D: Contract Pricing Proposal Form, and
- Attachment E: Solicitation Marketing Questionnaire

The proposer must use the forms provided to submit a proposal. Use of a different proposal format could be deemed unresponsive and will be returned.

Proposal submission:

- Proposers must submit either one (1) electronic version online with the Proposal Submission instructions
 on page two or two (2) printed copies and one (1) electronic copy of the proposal on a CD or flash drive
 with a completed and signed Proposal Checklist attached to the front of each copy, one of which must
 contain an original signature.
- Late proposals and proposals lacking the appropriate completed and signed Proposal Checklist will be returned.
- Faxed or e-mailed proposals will not be accepted.
- Proposals will not be accepted at any other NYSERDA location other than the address below.

Proposals must be clearly labeled and submitted to:

Roseanne Viscusi, PON 2606

NYS Energy Research and Development Authority

17 Columbia Circle, Albany, NY 12203-6399



V. TECHNOLOGY AREAS OF INTEREST

Construction Materials, Strategies and Practices

Background

Construction materials and practices utilized for both new and existing building retrofits are ever-improving with knowledge gained from field work. Continuing to incorporate more robust materials and strategies that promote energy efficiency within this practice is paramount as building markets continue to change and evolve.

Under this technology category of the solicitation, NYSERDA seeks proposals that pursue the development of new discrete construction materials and systems and/or improve upon existing whole building construction strategies and practices. Proposed activities must improve overall building energy efficiency; address robustness in installation, maintenance and reliability; and identify appropriate value propositions for the supply chain and end-user. Components that rely on the platform of other existing technologies are acceptable.

Opportunities

Over 80% of existing buildings in New York State were built before the first oil embargo of 1973. Enabling building energy retrofits of existing building stock represents a significant opportunity to save money, reduce climate impacts and generate or maintain jobs.

Preferred projects will have strong commercialization, market penetration, replication attributes and be accompanied by a Building Science liaison for project direction and lead.

Topics of interests include, but are not limited to, the following:

- Improvements that reduce energy losses from building envelope (fenestration, doors, etc.)
- Strategies that greatly reduce air leakage (reduced CFM 50), increase thermal insulation (R value > 30 wall, R value > 55 roof) and increase installation productivity (i.e. use of Structural Insulated Panels (SIPs), Insulated Concrete Forms (ICFs)).
- All-in one window flanges, flashing systems
- Low leakage air duct transitions and connections
- Building strategies that achieve whole building performance improvements (on par with Passive House Institute US, or high performance other standards) and can be replicated on a broader scale

Projects that DO NOT qualify are "one off" individual buildings that are deemed by a proposer as a candidate for renewal or retrofit, however have no repeatability or replication opportunity, or building science plan to collect data on par with past projects within the advanced buildings project portfolio.

Proposers who have questions regarding eligibility should contact Robert Carver, <u>Robert.Carver@nyserda.ny.gov</u>, prior to proposal submission



Heating and Cooling

Background

Heating, cooling, ventilation (HVAC), and domestic hot water (DHW) typically account for roughly 50% of commercial and residential buildings' annual energy use. The average residential consumer is spending about \$1k per year when using natural gas and about \$3k per year when using heating oil or propane. Expenditures for non-residential consumers vary based on the type and size of the building, but the energy costs are significant. The NYSERDA heating and cooling program seeks to reduce the energy use and total costs of NYS commercial and residential consumers through the advancement of heating, cooling, ventilation, and domestic hot water systems. Funding is available for R&D efforts associated with fossil-fueled and electric HVAC and DHW systems.

Opportunities

NYS law mandates the use of ultra low sulfur heating oil for #2 oil-fired heating systems. The substantial reduction of sulfur from heating oil eliminates a significant barrier to the adoption of oil-fired, condensing appliances. Oil-fired technology was typically limited to about 87% efficiency and there is now an opportunity to increase this to the mid 90% efficiency levels.

Efforts to develop higher performing buildings are underway, which will reduce, sometimes significantly, the space conditioning loads. This creates the opportunity to combine separate HVAC and DHW equipment into one unit. Condensing and other operating features can enable high efficiency at part load.

Recent discoveries and extraction improvements herald potentially abundant domestic supplies of natural gas. However, there are still several uncertainties regarding the extent of the impact. For example, environmental policies may limit extractable quantities; some areas still lack distribution infrastructure, while other areas are capacity constrained; power generators are expected to convert to natural gas as coal becomes less desirable; and a substantial export market could develop, among other important issues. With this in mind, it is difficult to predict how long and to what extent low natural gas prices will persist. This uncertainty is particularly important, considering the lifespan of some HVAC equipment is 10-20 years. Since a primary mission of NYSERDA is to reduce energy use, efforts toward improving the performance of natural gas systems will remain a priority despite favorable supply outlooks and low fuel prices.

With the leap to oil-fired condensing technologies, traditional fossil-fueled technologies are at the point of maximum performance, i.e. efficiencies in the mid-to-upper 90s. Coupling these systems to a heat pump provides an opportunity to push the coefficient of performance over 1, and maintaining this performance level down to NYS design day temperatures is of interest. Additionally, control and component improvements supporting optimum operation of the heating system are also of interest.

Topics of interest include, but are not limited to the following:

- Cold climate and hybrid heat pumps
- Control strategies to optimize heating system performance
- Condensing oil-fired boilers
- Component improvements
- Integrated systems to deliver heating, cooling, ventilation, and/or hot water
- Investigations of novel fuels
- · Alternative thermodynamic cycles for heating, cooling, or hot water
- High performance water heating
- Performance validation of novel HVAC and DHW equipment
- Point source heating and/or cooling systems that eliminate distribution networks
- Dehumidification combined with whole house ventilation for alternative air conditioning methods
- Fuel performance testing of innovative, renewable liquid fuels
- · Compressor-less and other alternative air conditioning systems
- Energy and heat recovery ventilation systems



Any other research effort that advances the performance of HVAC and DHW equipment

Ineligible activities include, but are not limited to:

- Off-site power generation
- Fuel processing
- Biomass systems

Proposers who have questions regarding eligibility should contact Michael Genovese, <u>Michael.Genovese@nyserda.ny.gov</u>, prior to proposal submission.

Lighting

Background

Solid-state lighting (SSL) is revolutionizing the lighting industry. SSL includes light-emitting diodes (LEDs) and organic light-emitting diodes (OLEDs), also known as light-emitting polymers. SSL systems emit light by using semiconductors to convert electricity into light. LEDs are rapidly evolving and have advanced from niche signage, display and indicator applications to general illumination in less than ten years. The potential for improvements in LED lighting intensity, color quality, expected life, lighting maintenance, and controls promise that new performance breakthroughs will be made by those companies that invest resources in SSL research and development.

Opportunities

LED lighting systems require optimization and compatibility over multiple systems and components. LED product designers and manufacturers need to ensure component interactions do not negatively affect system performance. As a result, new LED product development efforts require more resources dedicated to component testing and development and iterative design than conventional lighting systems.

Poorly-designed LED lighting systems have a high probability of suboptimal performance and premature failure, thus the importance of independent testing and demonstrations to provide objective performance information for decision-makers. There are numerous SSL technical, economic and market barriers that the SSL industry faces where collaborative efforts (testing, application standards) can benefit the entire industry.

The 2025 target for the SSL industry that the U.S. DOE set of being 50% more efficient than conventional lighting, longer lasting and cost-competitive with light that resembles the visible spectrum of natural sunlight is fast becoming an achievable benchmark against which success can be measured. (See the S U.. DOE EERE Research and Development Multi-Year Program Plan March 11 (updated May 2011) http://apps1.eere.energy.gov/buildings/publications/pdfs/ssl/ssl_mypp2011_web.pdf.) As the LED's performance improves, the entire lighting industry is benefitted through new design and application opportunities.

NYSERDA has promoted SSL innovations and products, demonstrations and independent evaluations through competitive lighting solicitations over the last 10 years. The solicitations have spawned many successful projects and New York State is becoming an innovation hub for SSL activities and investments

Topics of interest include, but are not limited to, the following:

- SSL lighting concept development,
- LED and OLED new product development (luminaires, drivers/advanced controls, optical efficiency, LED packaging and assembly, and components),
- Demonstrations and evaluation of high-performance SSL products at New York State locations,
- SSL technologies that accelerate integration of renewable energy (PV DC output) and daylighting systems (LED dimming, other control capabilities).

Ineligible technologies:

• Low and high pressure discharge lamp technologies – fluorescent, compact fluorescent, metal halide, sodium, incandescent and tungsten halogen.



Strong proposals will involve a SSL concept, product, or demonstration project that replaces an inefficient light source, in an application that has widespread market potential, and which could lead to significant cost savings over the life of a typical installation (energy, demand and/or maintenance cost savings).

Proposers who have questions regarding eligibility should contact Joseph Borowiec, <u>Joseph.Borowiec@nyserda.ny.gov</u>, prior to proposal submission.

Demand Response, Smart Buildings and Demand-Side Resources

Background

Buildings that have the capability to automatically optimize and curtail electricity use through innovative smart-controls can reduce ratepayer's utility costs and increase NYS's grid flexibility and sustainability. Smart Buildings exercise more integrated control over building systems (i.e. HVAC) and may provide information on energy use, automate operations, response to grid conditions, integrate on-site generation, renewables and storage, and even aggregate control of small loads and appliances. With opportunities to reduce peak load, respond to price signals and provide demand response (DR), NYS electric customers can lower their costs while helping New York State reduce peak demand, price volatility and emissions and increase grid reliability and integration of renewables.

Opportunities

Medium to large commercial buildings and industrial customers in NYS have access to a variety of energy pricing alternatives, tariffs and demand response programs. This presents them with the opportunity to reduce energy costs and provide value to the grid by optimizing and controlling how their buildings consume energy over the course of a year, a summer, a day, and even an hour. Demand response and peak load reductions are especially valuable in the down-state market (i.e. New York State Independent System Operator Zone J) where delivery and capacity prices are higher and the utility offers demand response programs in addition to programs offered statewide by the NYISO.

The objective of the Demand Response, Smart Buildings and Demand-Side Resources technology area of the Advanced Buildings Program is to encourage the development and application of technologies and techniques that create value propositions for end-users and expand availability of beneficial resources to the grid. This technology area also encourages innovative sensors, controls or advanced technologies for residential and commercial buildings that enhance energy management.

Topics of interest include, but are not limited to, the following:

1. Innovative technologies that allow buildings to be more load flexible

- a. Commercial HVAC system equipment and operation
- b. Building pre-cooling and other temperature management techniques
- c. Residential/multifamily building loads
- d. Control and aggregation of small or dispersed loads, (i.e. unitary HVAC, appliances, window AC's, office lighting, etc.)
- e. On-site thermal or electrical energy storage
- f. Customer microgrids that co-optimize load and distributed generation

2. 'Fast acting' or dispatchable demand response

- a. Real-time, dispatchable and fast-acting demand response with telemetry for wholesale ancillary services or real-time energy
- b. Integration of demand response for distribution utility operations and targeted reliability/contingency management



3. Communications and interoperability standards for price and demand response

- a. Standards-based machine-to-machine protocols for Smart Buildings / Smart Grid interoperability
- b. Application of OpenADR in NYS's market structure and demand response programs
- c. OpenADR client development and integration of compliant systems and hardware
- d. Innovative distribution and use of price signals in building operation
- e. Innovative communication with loads and demand-side resources (i.e. wireless, Internet, etc.)

4. Innovative building controls and analysis methods for optimizing load shape and energy use

- a. Use of building energy information, data, modeling, advanced analytics, optimization techniques, machine learning algorithms, dashboards, etc. for optimization
- b. Novel use of buildings management systems for energy optimization, load management, cost minimization, automated DR, etc.
- c. Model based approaches to HVAC and building temperature control
- d. Low cost controls and integration for automated load control and demand response
- e. Building controls in conjunction with energy storage systems or distributed generation
- f. Cloud-based controls or load management services
- g. Low cost meter data acquisition and integration or use of utility supplied meter data

5. Innovative buildings system sensors and applications

- a. Advanced buildings system sensors for remote measurement, monitoring, etc. that may be self-configuring, self-calibrating, self-powered, wireless, having distributed intelligence, etc.
- b. Novel automated buildings system fault detection and diagnostics, performance monitoring and advanced commissioning
- c. Novel sensor technologies: volumetric air flow, low-cost power metering, low-cost indoor sensors for air quality assessment, humidity, occupancy, daylight, gas, environmental hazard, etc.

6. Innovative dynamic price, demand response and retail electricity bundles

- a. Novel retail bundling of energy management services such as retail supply, demand response curtailment services, peak load management, renewables, combined heat and power (CHP), energy performance, information dashboards, etc.
- b. Management of load on mandatory hourly day-ahead price (MHP) tariffs or other dynamic rate (i.e. indexed rate)
- c. Use of dynamic rates in residential and multifamily buildings

Proposers, who have questions regarding eligibility, should contact Anthony Abate, Anthony.Abate@nyserda.ny.gov, prior to proposal submission.

OTHER TECHNOLOGIES OR OPPORTUNITY AREAS

Background

PON 2606 has been structured to group anticipated research activities into major technology areas. While the majority of research activities will fit into one of the four previously described technology areas, some potential proposers may find their technology does not readily fit into one of the groupings.

Energy improvements in buildings can also result from activities that do not involve development of products, services or methods. These include policy or regulatory reform, or assessments of technology, markets or barriers. These activities can be difficult to evaluate side—by-side with discrete product development efforts because they do not always share the same metrics.

Opportunities

The "Other Technologies and Opportunities Areas" category is intended to support (1) building related technology research, development or demonstrations not fitting into other categories, and (2) policy research and assessments whose benefits are often broader, more diffuse than a single product.



All submissions received in this category will be evaluated against one another with a single ranking of activities being produced.

Examples of eligible technology development activities:

- · Within building electronic informational displays
- Furnishing made with environmentally preferable performance/processes

Examples of eligible policy, regulatory, and technology assessment activities:

- Evaluation of new business models for delivering energy efficient technologies
- Engineering studies to address New York building code concerns for a class of energy efficient products
- Assessment of benefits and costs for increased use of direct current power in buildings with onsite generation

Proposals dealing with the following subject technologies or efforts are ineligible for this category: development of combined heat and power technologies, Data Center energy efficiency, market awareness for underused technologies, work force training, tools intended to aid the administration of energy-efficiency, renewable energy, or other similar programs, and engineering design studies for a technology at a specific building.

Proposers who have questions regarding eligibility should contact Robert Carver, Robert.Carver@nyserda.ny.gov, prior to proposal submission.

VI. Proposal Evaluation

Proposals that meet Proposal Requirements will be reviewed by a program area specific Technical Evaluation Panel (TEP) using the Evaluation Criteria identified below. After the proposals are reviewed, NYSERDA will issue a letter to each proposer indicating the proposal evaluation results. Proposers receiving favorable evaluations will be invited to enter into contract negotiations with NYSERDA. The proposer may also be asked to address specific questions or recommendations of the TEP before contract award.

EVALUATION CRITERIA:

Problem and Proposed Solution (All Categories):

- Does the proposal address an eligible technology?
- How significant is the problem or opportunity to New York State?
- How well does the proposed solution address the problem or opportunity?
- Is the proposed work technically feasible, innovative, and superior to alternatives? How appropriate are the cost, technical, and performance goals for the proposed technology or product?
- Does the proposer exhibit an understanding of the fundamental scientific principles applicable to the technology?
- Does the proposer exhibit understanding of the state-of-the-art for the immediate and alternative technology?
- If the proposed work is a follow-on project to a previously co-funded NYSERDA project, what was the contract number and outcome of the earlier phase?
- Is the proposed project addressing a problem or opportunity that is not being addressed adequately by others (industry, government research programs)?

Additional Considerations for Demonstration Projects -

- Is the proposed demonstration of a new or emerging technology?
- Does the project have a strong letter of support from a New York State site?
- Is the performance monitoring and data analysis plan adequate?



New York State Impact and Project Benefits (All Categories)

- What are the expected economic benefits in New York State in the form of commercial sales, job creation, and other factors that support economic growth?
- Does the proposed activity increase the resiliency, recovery, and adaptation of buildings to multiple days of electricity disruption in the event of an electric grid failure?
- Does the proposal include a New York State demonstration site that pays into the System Benefits Charge?
- How well has the proposal quantified the potential benefits to New York State?
- How likely is it that the projected benefits will be realized?
- How significant are the proposed project benefits (energy, efficiency, environmental and economic) benefits in New York State?
- Will the proposed project lead to subsequent commercial activity in New York State?

Statement of Work and Schedule (All Categories)

- How realistic are the technical and performance goals for the proposed project?
- Can the proposed technical and performance goals be measured and verified?
- Is the work proposed in the Statement of Work sound and likely to achieve the technical and performance goals?
- Does the Statement of Work include a task to evaluate the economic costs and benefits of the technology?
- Is the Statement of Work well organized, complete, and appropriate for the goals identified?
- How realistic is the schedule for achieving the goals of the proposed project?
- Is the proposed level of effort and cost reasonable to complete the proposed project?
- Are the proposed milestones reasonable?

Additional Considerations for Demonstration Projects

- Are the data acquisition, monitoring, reporting and evaluation plans reasonable and adequate?
- If monitoring baseline performance is necessary to document system benefits, does the Statement of Work include a provision to adequately gather baseline data?

Proposer Qualifications (All Categories)

- Has the proposer provided evidence of being qualified to perform the proposed work based on the qualifications of the organization(s) and the involved individual(s)?
- Were resumes of key individuals included in the proposal?
- Does the proposer/team have the necessary technical and business background and experience?
- Does the team include a New York State business and/or plan for creating new jobs in New York State?
- Has the proposer provided evidence of good past performance on other relevant projects?
- Does the proposal include a management plan for coordinating the team members?
- · Are staff allocations and responsibilities reasonable?

Project Cost and Value (All Categories)

- Is the overall project cost justified and reasonable based on the level of effort proposed and the expected outcome and benefits?
- How significant is the potential market opportunity relative to the project cost?
- How appropriate are the proposer's co-funding contributions (sources and amounts) with respect to the degree of risk, potential to benefit from the work, and financial status of the organization?
- How firm are the commitments and support from project partners, co-funders, and related business and other organizations?
- Are the overhead rates reasonable and supported with appropriate documentation?
- Are equipment, facility, material, and travel costs based on reasonable estimates?
- Are the labor rates reflective of the industry?

Technology Transfer / Repeatability (All Categories)

- Does the proposed technology have wide-scale market potential in New York State?
- Does the proposed project include an effective strategy for leading to large-scale market acceptance of the technology in New York?
- Does the proposed technology address a need in the market place?



Business/Commercialization Plan and Market Adoption (Development Category Only) -

- Is the proposed product or concept likely to be successful?
- Are there sufficient markets or needs for the concept/technology?
- · Does the proposed project address market needs?
- Are the business and commercialization (or replication) plans appropriate for the type of project and stage of development?
- How significant are the barriers to market entry?
- Does the proposer demonstrate a clear understanding of the steps required to overcome these barriers?
- How well does the proposer understand his/her market; has the market been identified and characterized?
- Does the proposal identify competing and alternate solutions, and clearly demonstrate that the proposed product or concept is superior to, price competitive with, or provides value compared to alternative products or solutions?
- If follow-on financial resources are necessary, what is the likelihood that the proposer will be able to raise necessary financial resources?

Programmatic Considerations – Proposals will be reviewed to determine if they reflect NYSERDA's overall objectives, including: risk/reward relationships, similar ongoing or completed projects, and the general distribution of projects among categories, technologies, industries and other organizations, and geographically within New York State.

VII. GENERAL CONDITIONS

Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2) (d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to accept it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Section procedures Law. 89(5) and the set forth in 21 NYCRR http://nyserda.ny.gov/~/media/Files/About/Contact/NYSERDARegulations.ashx. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

Omnibus Procurement Act of 1992 - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements. Information on the availability of New York subcontractors and suppliers is available from:

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division For Small Business 625 Broadway Albany, NY 12207

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207



State Finance Law sections 139-j and 139-k - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available http://www.tax.ny.gov/pdf/current forms/st/st220td fill in.pdf). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at

http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Contract Award- NYSERDA anticipates making multiple awards under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA, at its soles discretion, will decide whether to contract successful projects using time and material or milestone payment terms. NYSERDA may decline to contract with awardees who are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

Expected timetable for Award- After the Solicitation due date, the proposals go through an internal review process. The process from due date to contract agreement may take up to six months. Duration varies based on number of proposals received under this solicitation, initial clarity of statement of work proposed, complexity of contract, and responsiveness of awardee to requests from NYSERDA.

Contractor can expect the following sequence of events:

Proposal Review and Award-Proposals are reviewed by a team comprised of industry experts and NYSERDA staff. NYSERDA expects to notify proposers in approximately 10 weeks from the proposal due date whether your proposal has been selected to receive an award.

Contract Negotiation-Subsequent to receipt of an award letter, NYSERDA will work with the Technical Contact to reach agreement on a Statement of Work, Budget and Schedule, (collectively Exhibit A of the Contract).

Concurrently, NYSERDA will work with the Primary Contact to reach mutually acceptable Terms and Conditions (NYSERDA's standard contract terms and conditions are provided as an attachment to the Solicitation). NYSERDA may or may not accept any requested exceptions; NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal.

Contract Execution- Contract executed by Contractor and NYSERDA.



Recoupment - For any new product development effort, research and/or development receiving total NYSERDA funding over \$100,000, NYSERDA will require a royalty based on sales of the new product developed. NYSERDA's standard royalty terms are 1.5% of sales for products produced in New York State (for a period of fifteen years or until the Contractor pays NYSERDA an amount equal to the amount of funds paid by NYSERDA to the Contractor, whichever comes first) and 5% of sales for products produced outside of New York State (for a period of fifteen years or until the Contractor pays NYSERDA an amount equal to three times the amount of funds paid by NYSERDA to the Contractor, whichever comes first). The complete recoupment terms can be found in Article VIII of the Sample Agreement located in Attachment F.

Annual Metrics Reports - On an annual basis, the Contractor shall submit, to NYSERDA's Project Manager, a prepared analysis and summary of metrics addressing the anticipated energy, environmental and economic benefits that are realized by the project. All estimates shall reference credible sources and estimating procedures, and all assumptions shall be documented. Reporting shall commence the first calendar year after the contract was executed. Reports shall be submitted by January 31st for the previous calendar years activities (i.e. reporting period). Please see Attachment F: Sample Metrics Reporting Guides for the metrics that you will be expected to provide and the reporting duration. NYSERDA may decline to contract with awardees who are delinquent with respect to metrics reporting for any previous or active NYSERDA agreement.

Limitation - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

Disclosure Requirement - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

Attachments

Attachment A: Proposal Checklist

Attachment A-1: Acceptance of Standard Terms and Conditions

Attachment B: Disclosure of Prior Findings of Non-responsibility Form

Attachment C: Program Proposal Narrative

- Attachment C-1: Statement of Work
- Attachment C-2 TRL/CRL Calculator
- Attachment C-3 Three-Year Financial Projections Worksheet

Attachment D: Contract Pricing Proposal Form Attachment E: Solicitation Marketing Questionnaire

Attachment F: Sample Agreement (Not included in proposal submission)

Attachment G: Sample Metrics Reporting Guides (Not included in proposal submission)

Attachment H: Electronic Submission Instructions



Advanced Clean Power Technologies Program Opportunity Notice (PON) 2942 Up to \$19.5 Million Available for Two Rounds

Proposals Due: Nov. 5, 2014 by 5:00 PM Eastern Time*, Round 1 May 5, 2015 by 5:00 PM Eastern Time*, Round 2

NYSERDA seeks proposals to develop and demonstrate innovative renewable and other advanced clean power technologies, develop and demonstrate technologies that improve performance, or address and overcome specific barriers thwarting increased adoption of Eligible Technologies (see more detailed descriptions of Project Categories and Eligible Technologies in Sections II and III). All, or none, of the available funds may be allocated. A summary of category descriptions follows:

Funding: Two solicitation rounds are scheduled and total available funding is \$19,500,000. All, or none, of the available funds may be awarded in any round.

Category 'A' – [A.1]Early-Stage Product Development (beyond basic research), [A.2] Demonstration Feasibility Assessments, and [A.3] Technology Facilitation projects: (a) Early-stage product development of Eligible Technologies that is development beyond basic research needed to prove technical and market feasibility with barriers and problems identified, or (b) Demonstration feasibility assessments that reveal the benefits and perceived hurdles associated with scaled demonstration of new or under-utilized eligible technologies at a specific New York site, or (c) Technology facilitation projects that identify and reduce market barriers facing commercialization or use of Eligible Technologies. Maximum NYSERDA funding for this Category is \$200,000 per project. Minimum cost sharing is 25% for those proposals requesting \$75,000 or less, and 50% for all other projects.

Category 'B' - Product Development: Development of Eligible Technologies leading to the commercialization of products manufactured in New York State. There is NO NYSERDA funding cap for this category, however Category B projects requesting over \$500,000 must be phased with no phase exceeding the greater of \$500,000 or 20% of the NYSERDA funding request. Cost sharing for these projects is 50%.

Category 'C' - Demonstration Projects: Innovative demonstrations of under-utilized Eligible Technologies that are near the commercial stage, demonstrate application opportunities, and lead to increased use of the technology in New York State. Maximum NYSERDA funding for this category is \$750,000 per project. Cost sharing for these projects is 50%.

Proposal Submission: Proposers must submit ten (10) print copies and one (1) electronic media copy (CD) of the proposal in *Microsoft Word format* (appendices may be in PDF format) with a completed and signed Proposal Checklist attached to the front of each copy, one of which must contain an original signature. Proposals must be clearly labeled and submitted to:

Roseanne Viscusi, PON 2942 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

If you have technical questions concerning this solicitation, contact the individuals listed below by

e-mail or by phoning (518) 862-1090 and selecting the appropriate extension:

Gregory Pedrick

Project Manager

Sr. Project Manager

Project Manager

ext. 3378 ext. 3264 ext. 3063
gregory.pedrick@nyserda.ny.gov jennifer.harvey@nyserda.ny.gov nicholas.tichich@nyserda.ny.gov

Project Manager Program Manager ext. 3063 ext. 3258

richard.drake@nyserda.ny.gov

Richard Drake

If you have contractual questions concerning this solicitation, contact Nancy Marucci at (518) 862-1090, ext. 3335 or nancy.marucci@nyserda.ny.gov.

No communication intended to influence this procurement is permitted except by contacting one of the Designated Contacts listed above. Contacting anyone other than this Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

*Late proposals will be returned. Incomplete proposals may be subject to disqualification. It is the bidder's responsibility to ensure that all p have been included in the proposal. Faxed or e-mailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at www.nyserda.ny.gov.

I. INTRODUCTION

NYSERDA seeks proposals to develop and demonstrate innovative renewable and other advanced clean power technologies, develop and demonstrate technologies that improve performance, or address and overcome specific barriers thwarting increased adoption of Eligible Technologies (more detail of Project Categories and Eligible Technologies follows in Sections II and III, respectively). This solicitation is focused on advancing and developing promising technologies and products that could lead to the successful commercialization of products manufactured in New York State, and increasing markets for these products through strategic demonstration projects and dissemination of results.

Anticipated benefits include the introduction of new products that provide end users with additional options for competitive electric supply and improved performance while having superior environmental attributes, as well as benefits that help to achieve NYSERDA's economic development goals including creation or retention of near-term and sustainable jobs in New York, lower energy cost and reduced life-cycle cost through decreased energy use and reduced need for new central station construction.

II. PROJECT CATEGORIES

This solicitation includes three categories of projects. **The proposer must indicate which category they are proposing to.** Proposers should give careful consideration to which category they choose to propose under, as inappropriate choices negatively affect project selection results. Proposers are encouraged to contact one of the people listed as contacts for technical questions on the cover page of this solicitation to clarify project categories. The three project categories are described below:

Category 'A' - Early-Stage Product Development (beyond basic research), Demonstration Feasibility Assessments, and Technology Facilitation projects: Maximum NYSERDA funding for this Category is \$200,000 per project. Minimum cost sharing is 25% for those proposals requesting \$75,000 or less and 50% for all other projects.

- A.1 Early-Stage Product Development Projects: Early-stage innovative product or technology development to assess the technical and market feasibility of a product concept based on an Eligible Technology (See Section III for Eligible Technologies) that would be manufactured in New York State. The technology should be beyond basic research and the proposal should focus on developing or improving a specific product that is in early stages of inception.
- A.2 Demonstration Feasibility Assessment: Engineering studies that assess the feasibility and effectiveness of demonstrating new or under-utilized Eligible Technologies (See Section III for Eligible Technologies) at a specific New York State site. Studies are expected to ultimately lead to a project proposal then ready for Category C: "Demonstration Projects" and are intended to support project development activity such as site assessment and technical feasibility, economic analysis, permitting and interconnection, conceptual design, and a preliminary data analysis plan. The Eligible Technology should be near the commercial stage, and the assessment will help determine the appropriate scale of the demonstration, if results can lead to future projects.
- A.3 Technology Facilitation Projects: Projects that will address barriers facing the commercialization or the use of an Eligible Technology (See Section III for Eligible Technologies). Proposals for technology facilitation projects should describe the issue or commercialization impediment being addressed and present a compelling case that the project is likely to result in reduction of the barriers addressed, i.e. streamling the permitting of the installation of an eligible technology.

Category B: Product Development (no NYSERDA funding cap per project; however these projects must be phased with no phase exceeding the greater of \$500,000 or 20% of the total NYSERDA funding request; NYSERDA may elect to fund only Phase 1 of a proposal based on availability of funds. Cost share of at least 50% of the total project and each phase is required.)

Eligible projects for Category B include:

 Development and commercialization of products based on an Eligible Technology (See Section III for Eligible Technologies) that will be manufactured in New York State. Note that bench-scale testing and field verification or testing may be included in Category B projects. Technical and economic feasibility of the technology should have been performed and documented prior to submitting a Category B proposal. If they haven't, consider proposing to Category A.

Category C: Demonstration Projects (up to \$750,000 of NYSERDA funding per project with a proposer cost share at or above 50% of the total project cost.) Eligible Projects for Category C include:

• Demonstrations of Eligible Technologies (See Section III for Eligible Technologies) that are near the commercial stage, can exhibit a reproducible scale, but that are not yet commercially-ready or certified. Projects in this category should NOT include technology or product development tasks. If technology or product development tasks are necessary, propose in Category B. Projects in Category C should demonstrate innovative new products, or demonstrate products in innovative applications, have a committed demonstration site, and include a thorough data collection activity. Proposals in this category should clearly identify how this project will bring the product closer to commercial readiness and how such demonstration will lead to increased use of the product in New York State. Projects that demonstrate products at an appropriate scale, and will be manufactured in New York State are preferred.

III. ELIGIBLE TECHNOLOGIES (ALL CATEGORIES A, B, & C)

Technologies eligible under this solicitation include innovative renewable-electric and other advanced clean power technologies for grid-connected applications, storage technologies for sub-utility-scale stationary applications, or technologies that improve grid power quality and reliability. Subsystems and components of these technologies, as well as improved innovative manufacturing methods for these technologies are included. Potential technologies include, but are not limited to:

- (1) Fuel cells and related components and subsystems.
- (2) Innovative electric energy storage technologies for sub-utility-scale applications including but not limited to batteries, flywheels, ultra-capacitors, flow batteries, superconducting magnetic energy storage, and energy storage connected within buildings.
- (3) Solar electric technologies, including innovative photovoltaic and solar thermal-electric systems, components of these systems, and products that incorporate photovoltaics.
- (4) Wind power technologies including innovative wind energy-conversion devices, components, and products that support wind-energy systems and power plants.
- (5) Hydro power technologies, including innovative products that increase generating capacity or improve environmental performance.
- (6) Power conditioning equipment that enhances reliability or power quality, or enables integration of renewable power generation or sub-utility-scale storage technologies.
- (7) Innovative technologies for upgrading performance of new or existing power generation equipment;
- (8) Systems and equipment innovations for improving distribution system performance and reliability.

- (9) Waste heat to electricity technologies.
- (10) Biomass and biogas to electricity technologies.
- (11) Innovative control systems benefitting clean or renewable power systems such as remote or onsite monitoring and diagnostic systems, intelligent remote or on-site control systems to provide command and communication with power systems equipment, or control systems technologies to promote safe, reliable integration of renewable energy sources and sub-utility-scale electric energy storage technologies.

Special Focus area of technologies to be considered includes; electrical energy storage connected to a building, or regulatory and technical hurdles associated with any form of non-fossil fueled power generation.

IV. PROGRAM REQUIREMENTS (ALL CATEGORIES A, B, & C)

Projects selected for funding must:

- (1) Address an eligible innovative renewable or other advanced clean power technology, storage technology for sub-utility-scale stationary applications, or technology that improves performance. Demand side management and peak load reduction technologies that do not produce or store electricity or are not integrated with a clean or renewable energy power technology are <u>NOT</u> eligible.
- Provide direct and quantifiable energy, environmental, and economic benefits to New York State should the proposed project and necessary follow-on projects (if applicable) be successful.

 Benefits could include emissions reductions, job creation, product manufacturing and sales, increased reliability, high fuel-use efficiency, and reduced power costs. Since this solicitation is funded by the System Benefits Charge (SBC), projects must have benefits in the SBC territory.
- (3) Applicable to all categories: Provide a Business/Commercialization Plan that evaluates the technology or concept from the likelihood of having success in the marketplace.
- (4) Include a project budget using the attached Contract Pricing Proposal Form (CPPF) showing total project cost and proposer cost-share. Include a cost-sharing breakdown by project task in the Statement of Work.
- (5) Provide sharing of success by agreeing to pay recoupment to NYSERDA for any new technology or product development project requesting NYSERDA funding over \$75,000 upon product commercialization if applicable (see terms and conditions in Attachment F of attached Sample Agreement).
- (6) Demonstrate that the proposer and/or team of proposers are well qualified to carry out the submitted project proposal.
- (7) For Early-Stage Product Development or Product Development projects, emphasize development and/or application of marketable products for near-term commercialization rather than basic research, identify the components and/or processes of the technology to be addressed, and provide a preliminary commercialization and marketing strategy, and discuss the potential for manufacturing in New York State.
- (8) For Demonstration Feasibility Assessments and Demonstration Projects, clearly identify how this project will bring the product closer to commercial readiness, including provisions for credible field data collection/analysis, and how such demonstration will lead to increased use of what may be currently an under-utilized product in New York State.

(9) Demonstration Projects must have specific, engaged New York demonstration site(s) of scale, and committed by time of contract.

<u>Limitations</u> – Both power generation and energy storage projects must produce electricity.

Other Considerations

- In addition, note that:
 - A proposal may be considered non-responsive if it fails to comply with the requirements of this solicitation.
 - Prior to an award being made, potential awardees may be required to demonstrate: access to financial
 resources sufficient to perform the proposed work, technical experience and adequate facilities (or the
 ability to access them), a good performance record, and the ability to qualify for an award under
 applicable laws and regulations.
 - Applicants may be contacted during the evaluation process to clarify information contained in the proposal.

V. ADDITIONAL PROGRAM REQUIREMENTS

FOR CATEGORY C- DEMONSTRATION PROJECTS ONLY

Category C projects selected for funding must:

- (1) Be commissioned within 12 months of contract award.
- (2) Address safety issues, including public safety, that are applicable to the demonstration project.
- (3) Comply with all applicable zoning, building, fire, electrical, and interconnection codes, standards, and requirements.
- (4) Provide equipment sensors, instrumentation, and a complete data acquisition system for remote monitoring and reporting as specified below.
- (5) Demonstrate the technology viability and monitor the performance, characteristics, and benefits for a period adequate to meet project goals. If the period is under 18 months, the proposer must discuss why the proposed time is adequate. Unless the proposer demonstrates a compelling reason otherwise, at least 545 continuous operating days of data will be required.
- (6) Present an economic analysis of the proposed technology demonstration including an estimated cost/benefit ratio, and a plan to measure the actual cost/benefit ratio during the demonstration.

Data Acquisition System (DAS) Requirements

Each demonstration project awarded under Category C must provide sufficient instrumentation and data transmittal, and analytical capabilities to allow the collection and analysis of technical and economic performance data. The proposal should include a Data Acquisition System (DAS) for the purpose of providing system operating data to be used for evaluation and generation of reports on the overall performance of the technology being demonstrated. Data acquisition sampling rates must be adequate to characterize the benefits and the value proposition of the proposed application. For example, sampling rates for applications designed to enhance power quality or system stability would be much higher than sampling rates for peak shaving or arbitrage applications. In the event that the demonstration system performs multiple activities, the DAS must provide for the collection of data for all activities. All raw and summary data collected at the project sites must be archived and protected from loss on permanent media.

Reporting Requirements of Data Collected

The proposal must identify the project team member who will be responsible for the preparation and delivery of scheduled (monthly or quarterly) written project reports. System operational summary information must be generated regularly and included in progress reports. At a minimum, the system operational summary information must include the following:

- Raw data.
- System performance summary.
- Summary of system reliability and failure rates.
- A written summary of the economic benefit derived for the time period.
- A written summary of all operations and maintenance activities for the time period.
- System dispatch information and use patterns associated with the project, as appropriate.
- Energy consumption breakdown of parasitic loads introduced by the demonstration system, as appropriate.
- System performance under typical utility fault conditions, e.g. lightning strikes, primary phase to ground faults, voltage sags/spikes, electric outages, etc., as appropriate.
- System performance under user fault conditions, e.g. fault in customer plant, as appropriate.

Annual reports must be generated that consolidate all the information from the periodic reports and summarize demonstration system performance for the preceding year.

Historical Performance Data Reporting

Where appropriate to document project benefits, historical utility system operational data prior to the installation of the demonstration system is required in order to provide credible baseline data on electrical system performance before and after the installation of the demonstration system. Information concerning load profiles, peaks, overloads, faults, power quality events, and any other information required to fully characterize the operation of the electrical utility at the demonstration site prior to installation of the demonstration system must be collected by the proposer for a reasonable period of time. Comparison information must be made part of the progress reports.

VI. PROPOSAL REQUIREMENTS and SUBMISSION (ALL CATEGORIES A, B, & C)

Proposers will be required to use the Category Specific **form fillable** application provided as <u>Attachment C</u>. The intent of the form fillable is to lead the proposer through the requirements in an orderly, organized manner, without repeating, or restating necessary information. Accurate completion of the respective form fillable document (Attachment C) should assure a complete and responsive proposal.

A form fillable application exists as Attachment C and shall be used for whichever respective Category of proposal you are choosing to apply. Chose one of the following:

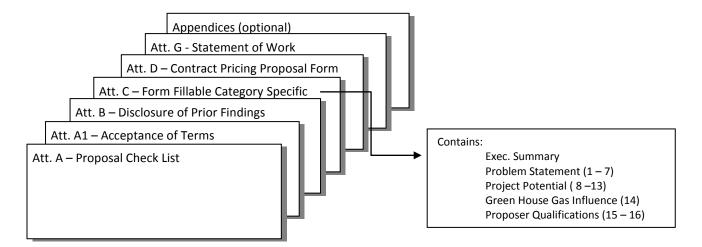
Category A – Early-Stage Product Development, Demonstration Feasibility Assessments, and Technology Facilitation

Category B – Product Development

Category C – Demonstration

The Program Proposal Narrative must have all the required questions/sections answered. If a required question is not answered, the proposal could be deemed unresponsive and may be returned. The proposer must use the forms provided to submit a proposal. Use of a different proposal format could be deemed unresponsive and may be returned.

Complete Proposal Package must be assembled in the following format:



VII. PROPOSAL EVALUATION (ALL CATEGORIES A, B, & C)

Proposals that meet Proposal Requirements will be reviewed by a Technical Evaluation Panel (TEP) using the Evaluation Criteria identified below. Proposals will be evaluated compared to other proposals within the same category. NYSERDA reserves the right to interview proposers as part of the evaluation process. After the proposals are reviewed, NYSERDA will issue a letter to each proposer indicating the proposal evaluation results. Proposers receiving favorable evaluations will be invited to enter into contract negotiations with NYSERDA. The proposer may also be asked to address specific questions or recommendations of the TEP before contract award.

Problem and Proposed Solution

- How significant is the problem, opportunity, or barrier to New York State, and how well does the proposer understand the problem, opportunity, or barrier?
- How well does the proposed solution address the problem or opportunity and how well does the proposer understand the solution?
 - o Is the proposed solution superior to alternatives, and does it provide a good value proposition for prospective customers? Does the proposer exhibit an understanding of the state-of-the-art, competing products or alternative solutions?
 - How appropriate are the goals (cost, technical, performance or other goals) for the proposed technology, product, or project?
 - o How likely is it that the project will meet its goals?
 - O What was the outcome of earlier work on the solution, if any?
- Does the proposal address an eligible technology?
- Is the target audience/customer appropriately identified and engaged in the project and is there evidence that the proposer has talked to appropriate market participants?
- For technology development projects, has the proposer appropriately addressed the need for
 intellectual property protection and freedom to operate?
 For demonstration and demonstration feasibility projects, is the physical demonstration site located
 within a territory that pays a Systems Benefits Charge? Category C projects require a letter of
 commitment from the host site.

Business/Commercialization Plan or Technology Transfer and Replicability

- Is the subject technology or concept likely to be successful in the marketplace?
 - O Does the proposing team understand what it will take to achieve successful market uptake of the technology or concept, and do they have the ability to achieve this?

- Has the market been identified and characterized and are there sufficient markets or needs for the concept/technology, project, or study?
- o To what extent has the proposer engaged the market?
- o To what extent does the proposer understand the market?
- How significant are the barriers to market entry or adoption of the concept, product, or technology?
- Does the proposer demonstrate a clear understanding of the steps required to overcome these barriers?
- Are the business and commercialization or replication and technology transfer plans appropriate for the type of project and stage of development of the technology, and are they likely to succeed?
- If follow-on financial resources are necessary, are plans to raise necessary financial resources likely to be successful?

New York State Impact and Project Benefits

- How significant will the energy, environmental and economic impacts be to New York State and in the service territories of the State's investor-owned utilities?
 - o How well are the potential benefits to New York State quantified?
 - o How likely is it that the projected benefits will be realized?
 - o To what extent will there be economic benefits in New York State in the form of subsequent commercial activity?
 - Are the technical and business risks identified, appropriately addressed, and balanced by project benefits
- Will a significant part of the work on the project take place in New York State and in the service territories of the State's investor-owned utilities?
 - O To what extent will staff located in New York State be involved in the project? (Note that proposals with a significant amount of work performed outside of New York State are less likely to be competitive.)
- How well does the project reflect NYSERDA's overall objectives (risk/reward relationships, similar
 ongoing or completed projects, the general distribution of NYSERDA projects among industries and
 other organizations, and the distribution of projects within New York State)?

Statement of Work and Schedule

- Does the Statement of Work include appropriate goals for the proposed project?
- Do the proposed goals adequately allow for measurement and verification of the success of the proposed project?
- Is the work strategy in the Statement of Work sound and likely to achieve the goals?
- Is the Statement of Work well organized, and complete?
- Does the Statement of Work identify deliverables that will clearly demonstrate progress?
- How realistic is the schedule for achieving the goals of the proposed project?
- Is the proposed level of effort reasonable to complete the proposed project?
- For Category C (demonstration projects):
 - o Is a performance monitoring and data analysis effort included in the proposal and appropriate, and does it include baseline monitoring if appropriate?
 - o Does the analysis plan include an economic analysis and projections?
 - O Are the data acquisition, monitoring, reporting, and benefits tracking plans reasonable, and do they meet the requirements in Section V, 'Requirements for Category C Demonstration Projects Only'?

Proposer Qualifications

- Has the proposer provided evidence of being qualified to perform the proposed work based on the qualifications of the organization(s) and the involved individual(s)?
 - o Were resumes of key individuals included in the proposal?

- To what degree does the proposer have the relevant and necessary background and experience?
- Does the team have the requisite knowledge of markets for the subject technology?
- Has the proposer provided evidence of good past performance on other relevant projects?
- Does the team include a New York State business, thereby providing economic benefits in the form of jobs?
- Is the proposing team appropriately organized and are staff allocations and responsibilities reasonable?

Project Cost and Value

- Is the overall project cost justified and reasonable based on the level of effort proposed and the expected benefits?
 - o How significant is the potential market opportunity relative to the project?
- If the proposal is a Category B project requesting over \$500,000, are phases and costs for each phase clearly identified and is the NYSERDA funding request for each phase applicable to the requirements and appropriate for the funding request?
- How appropriate are the proposer's cofunding contributions (sources and amounts) with respect to the degree of risk, potential to benefit from the work, and financial status of the organization?
- How firm are the commitments and support from essential participants, cofunders, and related business and other organizations?
- Are costs reasonable?
 - o Are the overhead rates reasonable and supported with appropriate documentation?
 - Are equipment, facility, material, and travel costs based on reasonable estimates?
 - o Are the labor rates reflective of the industry?

<u>Other Considerations</u> – Proposals will be reviewed to determine if they reflect NYSERDA's overall objectives, including: risk/reward relationships, similar ongoing or completed projects, and the general distribution of projects among categories, technologies, industries and other organizations, and geographically within New York State.

VIII. GENERAL CONDITIONS

PROPRIETARY INFORMATION

Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to exempt it from disclosure, including a written statement of the reasons why the information should be exempted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501

http://nyserda.ny.gov/~/media/Files/About/Contact/NYSERDARegulations.ashx However, NYSERDA cannot guarantee the confidentiality of any information submitted.

OMNIBUS PROCUREMENT ACT OF 1992

It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division for Small Business 30 South Pearl Street Albany, NY 12245

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 30 South Pearl Street Albany, NY 12245

State Finance Law sections 139-j and 139-k - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. *See*, ST-220-TD (available at http://www.tax.ny.gov/pdf/current forms/st/st220td fill in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. *See,* ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Contract Award - NYSERDA anticipates making one or multiple, as it applies to solicitation) awards under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify (proposers/applicants) in approximately (6) weeks from the (proposal due date/receipt of an application) whether your (proposal/application) has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

ANNUAL METRICS REPORTS

On an annual basis, the Contractor shall submit, to NYSERDA's Project Manager, a prepared analysis and summary of metrics addressing the anticipated energy, environmental and economic benefits that are realized by the project. All estimates shall reference credible sources and estimating procedures, and all assumptions shall be

documented. Reporting shall commence the first calendar year after the contract was executed. Reports shall be submitted by January 31st for the previous calendar years activities (i.e. reporting period). Please see Attachment E: Sample Metrics Reporting Guides for the metrics that you will be expected to provide and the reporting duration. NYSERDA may decline to contract with awardees who are delinquent with respect to metrics reporting for any previous or active NYSERDA agreement.

RECOUPMENT

Recoupment - For any new product research and/or development over \$75,000, NYSERDA will generally require a royalty based on sales of the new product developed. NYSERDA's standard royalty terms are 1.5% of sales or thirty percent (30%) of all license revenue accruing to the Contractor for products produced in New York State (for a period of fifteen years or until the Contractor pays NYSERDA an amount equal to the amount of funds paid by NYSERDA to the Contractor, whichever comes first) and 5% of sales or sixty percent (60%) of all licensing revenues accruing for products produced outside of New York State (for a period of fifteen years or until the Contractor pays NYSERDA an amount equal to three times the amount of funds paid by NYSERDA to the Contractor, whichever comes first).

LIMITATION

This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

DISCLOSURE REQUIREMENT

The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

IX. Attachments

A Complete Proposal consists of:

- Attachment A: Proposal Checklist (one of which must contain an original signature),
- Attachment A-1: Acceptance of Standard Terms and Conditions,
- Attachment B: Disclosure of Prior Findings of Non-responsibility Form
- Attachment C: Form Fillable document applicable to each Respective Category A, B or C (choose one)
- Attachment D: Contract Pricing Proposal Form (CPPF) and Instructions
- Attachment E: Sample Metrics Reporting Guides
- Attachment F: Sample Agreement with Exhibits
- Attachment G: Statement of Work Format



Plug-In Electric Vehicle-Enabling Technology
Demonstration Program
Program Opportunity Notice (PON) 3016
\$3 million Available

Proposal Due Dates:

Round 1: February 10, 2015 by 5:00 PM Eastern Time* Round 2: September 16, 2015 by 5:00 PM Eastern Time* All, some, or none, of the available funds may be awarded

The Plug-In Electric Vehicle-Enabling Technology Demonstration Program (the Program) seeks research and demonstration proposals to demonstrate new technologies and strategies that help overcome barriers to the market adoption of plug-in electric vehicles (PEVs) and make them more economically viable while reducing their impact on the electric grid and environment in New York State. Two solicitation rounds are anticipated and the total available funding is \$3 million. All, some, or none, of the available funding may be allocated in total and in any one round.

NYSERDA is interested in projects that will study and/or demonstrate existing technologies, or combinations of technologies, and strategies that have not been applied to the PEV market or have not been demonstrated in New York. Of particular interest are technologies and strategies that can integrate PEVs into the electric grid, improve the user experience for PEV drivers, reduce the cost of deploying PEV charging infrastructure, ease financial and regulatory obstacles to PEV adoption, and increase market demand for PEVs. Proposals should focus on research, results, or strategies that can become economically viable on their own and be replicated and implemented throughout the State in the near term to advance PEV acceptance. This solicitation is not for technology development and is not intended to pay primarily for electric vehicle supply equipment (EVSE) deployment.

Proposal Submission: Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this PON's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities.aspx). Instructions for submitting electronically are located in that section as Attachment G to this PON.

If mailing or hand-delivering, proposers must submit two (2) paper copies of their proposal with a completed and signed Proposal Checklist attached to the front, along with a CD or DVD containing both a PDF and MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, PON 3016 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

If you have technical questions concerning this solicitation, contact Patrick Bolton, (518) 862-1090, ext. 3322 or patrick.bolton@nyserda.ny.gov or Adam Ruder, (518) 862-1090, ext. 3411 or adam.ruder@nyserda.ny.gov. If you have contractual questions concerning this solicitation, contact Nancy Marucci at (518) 862-1090, ext. 3335 or nancy.marucci@nyserda.ny.gov.

No communication intended to influence this procurement is permitted except by contacting Patrick Bolton (Designated Contact) at (518) 862-1090, ext. 3322 or patrick.bolton@nyserda.ny.gov. Contacting anyone other than this Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

*Whether filed electronically, hand delivered or mailed, proposals must be RECEIVED by NYSERDA by 5:00 PM Eastern time on the corresponding Due Date. Late proposals will be returned. Incomplete proposals may be subject to disqualification. It is the proposer's responsibility to ensure that all pages have been included in the proposal. Faxed or emailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at www.nyserda.ny.gov

1.0 INTRODUCTION

The plug-in electric vehicle (PEV) market has grown rapidly in both New York State and the United States as a whole. PEVs consist of both battery electric vehicles (BEVs), which run only on electricity, and plug-in hybrid electric vehicles (PHEVs), which run using electricity stored onboard from the electric grid as well as gasoline. Between May 2012 and July 2014, registered PEVs in New York State grew by more than 1,000 percent, from under 1,000 to over 11,000. Installations of electric vehicle supply equipment (EVSE), more commonly called charging stations, are also increasing rapidly, with over 1,000 EVSE installed in the State as of September 2014. New York State has been leading the push for wider PEV adoption through Governor Andrew M. Cuomo's Charge NY initiative, which sets a goal of 30,000 to 40,000 PEVs and 3,000 charging stations on New York roads by 2018, plus regulatory reforms, increased understanding of the benefits of PEVs, and new technology advances in the industry. In addition, New York State is working with seven other states to collaborate on policies that advance PEVs and fuel cell vehicles through a multi-state Zero Emission Vehicle (ZEV) Action Plan.

PEVs still face significant challenges before they reach widespread adoption, the most widely noted being their high upfront costs and, for BEVs specifically, a shorter mileage range than gasoline-powered vehicles. Currently, PEV prices have been falling, especially for leases, and are approaching competitiveness with gasoline-powered vehicles when factoring in the federal electric vehicle tax credit. Operating costs for PEVs are often much lower than those of gasoline-powered vehicles, because of both reduced fuel costs and reduced maintenance costs. Most BEVs available today have ranges between 75 and 100 miles, while PHEVs have all-electric ranges of 10 to 40 miles before they switch over to running on gasoline.

Reducing the price and increasing the range of PEVs is important, but new tools, policies, consumer incentives, financing models, and behavioral approaches can also help accelerate PEV sales and leases beyond current early adopters into the mainstream vehicle market. Solutions that make owning PEVs more attractive relative to gasoline-powered vehicles could draw the attention of vehicle purchasers that would not have considered purchasing a PEV otherwise.

To help the PEV market become truly viable, the economics and impacts of PEV charging infrastructure must also improve. There is a need for new policies and technologies to reduce the strain on the electric grid from EVSE and keep the cost of charging PEVs down. Distributed generation, on-site energy storage, and software to integrate charging loads can all help reduce electric grid strains and demand charges. Emerging technologies like vehicle-to-building and vehicle-to-grid services could allow PEVs to generate additional revenue or provide extra value as a backup electric generator of sorts.

New business models need to emerge that make charging station ownership a profitable venture. Currently, upfront costs can be hard to recover because of low usage, expensive installations, and consumers' low willingness to pay. Reducing initial costs and tying EVSE ownership to other revenue streams may help attract additional private investments in public PEV infrastructure.

Solicitation Goals and Focus Areas

The goal of this solicitation is to help overcome market barriers to broader PEV adoption by researching and demonstrating new technologies, strategies, and policies that can reduce some of the financial, economic, practical, policy and behavioral barriers currently facing the industry. This includes projects that help make PEVs more desirable for consumers and more economically viable, while lowering their impact on the electric grid and maximizing their environmental benefits.

In funding this solicitation, NYSERDA seeks to advance and demonstrate new technologies, strategies, business models, education initiatives, and policy ideas that support the expansion of the PEV market and PEV industry in New York State. NYSERDA is interested in projects that will study and/or demonstrate existing technologies and strategies that have not been applied to the PEV market or have not been demonstrated in New York.

Of particular interest are technologies and strategies that can integrate PEVs into the electric grid, improve the user experience for PEV drivers, reduce the cost of deploying PEV charging infrastructure, ease financial and regulatory obstacles to PEV adoption, and increase market demand for PEVs. Proposals should focus on research, empirical results, and replicable strategies that can be transferred and implemented throughout the State to increase the market penetration of PEVs. Because the PEV market is evolving rapidly, projects with short timeframes that will produce results that can easily be incorporated into the PEV market quickly are strongly preferred. Proposers are expected to be able to explain why their project is important for expanding the PEV market and how it will influence the market. Demonstrations should show a clear path to economic viability and replicability at a larger scale.

This solicitation is NOT for technology product development and is NOT intended to pay for standard electric vehicle supply equipment (EVSE)/charging station deployment, including DC fast chargers.

Projects **MUST** address one or more of the following Focus Areas, which should be identified in the proposal. Proposals that do not address one or more of the Focus Areas may be considered unresponsive.

- Strategies and techniques for reducing the installation and operating costs of EVSE
- Controlling electric demand from charging, especially through the integration of EVSE into building energy management systems
- Innovative business models for the ownership of and generation of revenue from EVSE
- Consumer-focused activities that increase awareness, understanding, and exposure to PEVs, such as ride-anddrive events
- Innovative approaches to spurring PEV usage among low- and medium-income drivers
- Engaging with employers and/or implementing employer-based programs to encourage workplace charging and employee EV purchases
- Engaging with dealers and/or implementing dealer recognition and incentive programs to encourage greater PEV sales
- Informing local planning committees about how to incorporate EVSE recommendations/requirements into the site review process
- Analysis of the potential costs and benefits that PEVs can provide to electric utilities in New York State
- Innovative financing of PEVs and EVSE, including innovative battery ownership models
- Encouraging fleets, particularly municipal fleets, to adopt PEVs
- Methods for educating key stakeholders on how they can best support the PEV market
- Use of behavior-based strategies to influence PEV and EVSE adoption
- Business models for the expansion of the secondary market for PEVs
- Innovative regulatory policies and incentives

2.0 PROGRAM REQUIREMENTS

Solicitation Goal: As previously stated, the goal of this solicitation is to make PEVs a more attractive and viable option for drivers by researching and demonstrating new technologies, strategies, and policies that support their use and by educating key stakeholders in the PEV market. This includes projects that help make PEVs more desirable for consumers and more economically viable, while lowering their impact on the electric grid and maximizing their environmental benefits. Under this solicitation this should be done through the study or demonstration of policies, strategies, processes, services, technologies, and innovative collaborations other than specific technology improvements to PEVs or EVSE. Proposals should demonstrate how their successful implementation would advance the development of New York State's PEV market and improve the State's energy independence, environmental quality, and economic vitality. Proposals should incorporate appropriate cost sharing to leverage private investments and should be able to be completed in a short timeframe. Proposals should demonstrate a real market demand for solving the proposed problem and should investigate solutions that can become economically viable and are easily replicable in the broader PEV market.

Funding Categories: The following categories of projects will be considered for funding:

- 1. Education and Outreach Projects that educate specific target audiences (such as car dealers, planners, or municipalities) about PEVs and the actions that the groups can take to build the PEV market. This may include spreading knowledge about successful PEV strategies or programs that have been done in New York or elsewhere. These projects will generally consist of curriculum or workshop development, one or more outreach events, and development of a plan explaining how the activities can be continued once NYSERDA funding is exhausted. These projects should target a single audience and describe how the effort will impact the PEV market. All education and outreach projects must identify ways that the work will continue to be used and have an impact on the PEV market after NYSERDA funding is exhausted. Projects funded in this category will be limited to a maximum of \$50,000 per project of NYSERDA funds. All Category 1 projects are required to provide at least 25% of total project costs in non-NYSERDA matching funds.
- 2. Feasibility and Policy Studies, including activities and research in one or more of the Focus Areas listed above to investigate the basic feasibility of technologies, strategies, and policies for New York State that have the potential to expand the PEV market in New York State. Studies may be comprised of feasibility assessments, business case studies, engineering studies, consumer research studies, and related analysis necessary to establish the energy, environmental, and additional benefits of a relevant policy, strategy, product or technology. All studies must investigate policies and strategies with regard to how they could be implemented in New York State, and how they would impact PEV adoption in the State. These studies generally should consist of paper studies resulting in a

publishable final report. Projects funded in this category will be limited to a maximum of \$100,000 per project of NYSERDA funds. All Category 2 projects are required to provide at least 25% of total project costs in non-NYSERDA matching funds.

While other proposals will be considered, NYSERDA is especially interested in funding Category 2 studies that include:

- The development of a guidance document to inform local planning committees how to incorporate EVSE recommendations/requirements into the site review process. This should address ways that a municipal planning board can encourage or require site owners applying for site approval to include EVSE in the implementation of their projects.
- A policy study that analyzes the potential costs and benefits of PEVs can provide to utilities in New York State. This should include an analysis of the net economic and societal benefits of PEVs to the State, the costs and benefits of PEVs to utilities, and how PEVs impact utility rates for all utility customers. The study should build off of previously published studies, including those completed previously for NYSERDA that have investigated the electric grid impacts of PEVs and managed/smart charging options for PEVs.
- 3. Demonstration of Innovative Engagement Programs that recognize exemplary achievements in promoting PEVs by specific target audiences (employers and car dealers), generate increased interest in PEVs from new members of those audiences, and/or implement innovative incentive or outreach programs that spur these audiences to be more actively involved in promoting PEV adoption. Projects can include education and outreach, events to recognize top performers, installation of EVSE (no more than 25% of the total project cost), incentives to employees or car dealers for buying/selling PEVs, and other mechanisms for encouraging participation. Proposals should identify how they will enlist participation by members of the target audience and will be evaluated by whether they do this while generating new PEV sales in a cost effective manner. Data collection and analysis is a critical element of any demonstration project and should be included in the proposal; independent data collection and analysis is preferred. Projects funded in this category will be limited to a maximum of \$300,000 per project of NYSERDA funds. All Category 3 projects are required to provide at least 25% of total project costs in non-NYSERDA matching funds.

NYSERDA will only consider Category 3 demonstrations that consist of:

- Demonstrations of approaches to engage with employers and/or implement employer-based programs to encourage workplace charging and employee PEV purchases
- Demonstrations of approaches to engage with dealers and/or implement dealer recognition and incentive programs to encourage greater PEV sales
- 4. Integration and Demonstration of New Technologies and Business Models that have the potential to achieve the solicitation goal while advancing one or more of the Focus Areas. Demonstration projects generally consist of equipment installations or software deployment accompanied by data collection and analysis that results in a publishable and publicly available final report. This category is aimed at finding new and emerging 'best practices' in PEV charging and PEV use that have yet to be significantly deployed in New York State. The intent is not to research the existing technology per se, but to quantify and validate potential benefits and identify specific barriers to adoption for New York State. It is recognized that significant procurement of material and equipment may be necessary, but no more than 25% of the total project cost should be spent on EVSE. Data collection and analysis is a critical element of any demonstration project and should be included in the proposal; independent data collection and analysis is preferred. Projects funded in this category will be limited to a maximum of \$500,000 per project of NYSERDA funds. All Category 3 projects are required to provide at least 50% of total project costs in non-NYSERDA matching funds.

While other proposals will be considered, NYSERDA is especially interested in funding Category 4 demonstrations that include:

- Demonstrations of ways to reduce the costs of installation focused on workplace charging such as tying in to parking lot lighting systems
- Demonstrations of strategies to control electric demand from charging, particularly through energy management systems
- Demonstrations of consumer-focused activities that increase awareness, understanding, and exposure to EVs, such as ride-and-drive events
- Demonstrations of business models integrating new revenue streams for EV or EVSE owners, such as DR aggregation, sponsored EVSE, and retailer revenue sharing

Funds will be allocated on a competitive basis. NYSERDA anticipates awarding funding for multiple projects under this PON. All, some, or none, of the total available funding may be allocated in total and in each round. In its sole discretion, NYSERDA may award partial funding to proposals or modify any submitted scope of work as appropriate. NYSERDA will not reimburse for costs incurred before the date of contract execution.

EVSE Requirements

All EVSE and vehicle communications must be in accordance with NEC 625. Level 2 EVSE cord connection must be in accordance with SAE J1772. DC fast charging EVSE must include either a SAE J1772 combo cord connection or CHAdeMO cord connection. NYSERDA may require DC fast charging EVSE to be upgradeable to include dual SAE/CHAdeMO cord connections in the future. All public-access EVSE units must be code compliant and UL Certified (or equivalent). Documentation of the certifications must be submitted with the proposal. EVSE that are used solely by a fleet of medium- or heavy-duty EVs may be pending UL certification (or equivalent), but the EVSE manufacturer must have at least submitted to UL for review and approval by the due date for this PON. All installations of equipment must comply with all applicable local and State Environmental, Building, and Fire Codes.

Project Scope

Projects selected for funding must:

- Identify readily quantifiable metrics that track how the project contributes to advancing PEVs in New York State
- Emphasize the ultimate broad-based deployment of technical solutions rather than conducting basic research
- Document energy, environmental, and economic benefits in New York State
- Provide the required amount of cost-sharing by the proposer or third parties in the form of cash (preferable) or in-kind labor, materials, equipment, facilities, and other resources, subject to verifiable valuation. Co-funding may be from the proposer or other private or government sources. Letters from all co-funders confirming cost share are required to be submitted with the proposal. New York State funds cannot be used to reimburse or replace normal expenses of other government organizations.

Other Considerations

A proposal may be considered non-responsive if it fails to comply with the requirements of this PON.

Projects are expected to be able to begin within six months of the proposal due date. Because the PEV market is evolving quickly, shorter projects are strongly preferred. Generally the project schedule should not exceed 18 months.

For all categories, cash co-funding is preferred over in-kind services.

Teaming arrangements are not only encouraged but may be necessary to achieve project success. Proposal teams may include commercial firms, industry associations or research organizations, universities, government agencies, end-users, and other stakeholders. Letters of commitment from each identified team member should be included in an appendix to the proposal. The lack of such letters, especially in cases where co-funding is indicated, is viewed as a very serious proposal deficiency and will be judged accordingly in the technical evaluation process.

3.0 PROPOSAL REQUIREMENTS

Proposers must either submit their proposal through the electronic submission process described on the front of this Program Opportunity Notice and in Attachment G or submit two (2) hard copies and one (1) electronic media copy (CD or DVD) of the proposal to the attention of Roseanne Viscusi at the address on the front of this Program Opportunity Notice. Electronic files should be submitted in readily accessible formats (Word, Excel, PDF). A completed and signed Proposal Checklist must be attached as the front cover of your proposal, WHICH MUST CONTAIN AN ORIGINAL SIGNATURE. Late proposals and proposals lacking the appropriate completed and signed Proposal Checklist will be returned. Faxed or e-mailed copies will not be accepted.

Proposals should not be excessively long or submitted in an elaborate format that includes expensive binders or graphics – double-sided printing with a single staple in the upper left corner is preferred. Total proposal length should be 20 pages or less, plus appendices. Suggested page limits for each section are provided below in parentheses. Proposals that grossly exceed the page limits or fail to follow the format guidelines may be rejected as non-responsive. Proposals should concisely present the information needed to fully address the evaluation criteria (see Section 4). Each page of the proposal should state the name of the proposer, the PON number, and the page number. If you believe proprietary information must be submitted to present an adequate proposal, please contact the Designated Contact listed at the beginning of this PON and comply with the Section 5.0 instructions for submitting proprietary material.

3.1 PROPOSAL SECTIONS

YOUR PROPOSAL MUST CONTAIN THE FOLLOWING DOCUMENTS IN THE FOLLOWING ORDER:

- 1. Attachment A Proposal Checklist WITH AN ORIGINAL SIGNATURE
- 2. Attachment B Disclosure of Prior Findings of Non-Responsibility Form
- 3. Attachment C Contract Pricing Proposal Form
- 4. Attachment D Proposal Overview Form
- **5.** Proposal narrative as described in the following pages
- **6.** Letters of project commitment from all financial partners to the proposal. Absence of signed commitment letters will be viewed as a lack of financial commitment to the project proposal.
- 7. Exceptions to NYSERDA standard terms and conditions (provided under Attachment F), if any.

In addition, the electronic version of your proposal should contain the following files:

- 1. The entire proposal in electronic format, preferably in a single Word or PDF file although multiple files are acceptable if necessary
- 2. Attachment C as a stand-alone Excel file
- 3. Attachment D as a stand-alone Word file
- 4. The proposed statement of work as a stand-alone Word file

NYSERDA will enter into a contract with successful proposers using the attached Sample Agreement (Attachment F). If you do not accept the standard terms and conditions, provide alternate terms with justification based on the risk and benefit to New York State. Any negotiation of terms will be at NYSERDA's sole discretion. NYSERDA reserves the right to consider only exceptions to terms that are specifically included with the proposal. Any negotiation of terms will be at NYSERDA's sole discretion. Attachment F does not need to be completed; it is provided only for review per the discussion above.

The proposal must be in the following format and should present the items in the sequence indicated below.

- 1. **Proposal Checklist.** Complete Attachment A, the Proposal Checklist, and include it as the front cover of the proposal. Note the following:
 - The proposer must clearly indicate the Funding Category (Category 1, 2, or 3) for the proposal. Each proposal may only apply under one (1) Funding Category.
 - Indicate whether you accept the standard terms and conditions as contained in the attached Sample Agreement (Attachment F).
 - Do not leave any blanks. If a specific question is not applicable, indicate N/A.
 - Be sure the individual signing the Proposal Checklist is authorized to commit the proposer's organization to the proposal as submitted. The Proposal Checklist **MUST** include an original signature on the hard copy submitted.
- 2. Disclosure of Prior Findings of Non-Responsibility Form. Complete Attachment B, the Disclosure of Prior Findings of Non-Responsibility Form, and include it directly following the Proposal Checklist. Be sure the individual signing the Disclosure of Prior Findings of Non-Responsibility Form is authorized to commit the proposer's organization to the proposal as submitted.
- 3. Contract Pricing Proposal Form. A Contract Pricing Proposal Form (CPPF), with associated instructions, is provided as Attachment C to this PON. Each proposal must include a completed CPPF and also a cost-sharing table (see Budget portion of Project Narrative for example) identifying the allocation of funding by task. The net cost to NYSERDA is one of the evaluation criteria and will be closely considered. Include the CPPF directly following the Disclosure of Prior Findings of Non-Responsibility Form.
- **4. Proposal Overview Form.** Complete Attachment D, Proposal Overview Form, which summarizes the salient details of the proposal on one page, directly following the CPPF. Please submit this document in Word format in the electronic copy. **Please note: the Proposal Overview Form must contain entirely** *non-proprietary* **information.**
- **5. Project Narrative.** The Project Narrative includes the core details of the proposal. The Project Narrative should include the following sections:
 - Executive Summary (one page maximum). Indicate the Funding Category (1, 2, 3, or 4) to which your proposal is being submitted and the Focus Area(s) it addresses. Briefly summarize the team members, the related problem or opportunity, the proposed solution and its innovative characteristics, and the potential for PEV market expansion and resulting energy and greenhouse gas (GHG) reductions in New York State. Please note: the Executive

Summary must contain entirely *non-proprietary* information. Strictly limit the Executive Summary to one page and use the following outline:

- Team Members
- Background
- > Objective and Scope of Proposed Project
- Project Benefits
- Background and Proposed Approach (two to four pages). Provide a narrative including a detailed description of the aspect of the PEV market the project focuses on, how it currently operates, and what opportunities exist for improvement. Explain how the project is innovative and different from current practices in the PEV market. Explain fully how successful implementation of the technology or policy would improve the PEV market and produce energy, environmental, and economic benefits for New York State. Describe the proposed approach to designing the study or demonstration, how the proposed project will be implemented, and how the proposer will collect and analyze data from the outreach, study or demonstration. Fully describe all partnerships involved in the proposed project.
- Path to Market Acceptance (two to three pages). Provide evidence that market actors, such as utilities, public or workplace EVSE owners, installers, fleets, etc. are interested in the innovation being investigated. Explain how they would benefit from the innovation being widely introduced in New York State and why they would be likely to favor that innovation over alternatives. Describe the barriers standing in the way of broad acceptance of the technology, policy, or business strategy being studied and explain how the project will educate stakeholders about ways to avoid or break down these barriers. Characterize a plausible path to broader adoption of the technology, policy, or business strategy, including a description of the resources and stakeholders that must be engaged to accomplish this.
- Project Evaluation and Assessment (two to three pages). Explain how the project's impacts will be evaluated and how the project will assess the actual and potential benefits to NYS that are derived from the project's completion. Describe the appropriate criteria to evaluate the success of the proposed project and how the proposer will collect data to assess the project's progress toward meeting those criteria. Proposals should include expected milestones for measuring success that can be evaluated at six-month intervals while the project is ongoing.
 - For Category 1 Projects, the proposal should include a detailed plan to assess the impacts of the educational outreach, including the number of stakeholders influenced, the changes in behavior stakeholders make because of the information learned through the project, and how these changes improve the PEV market in NYS.
 - For Category 2 Projects, the proposal should include a detailed plan to estimate potential impacts of the study if the technologies, strategies or policies studied are implemented in NYS. Assessments should address the potential scope of the market impact and how the technologies, strategies or policies studied would impact the market.
 - For Category 3 and 4 Implementation/Demonstration Projects, the proposal should include a detailed plan to collect data and provide reporting to validate the claimed benefits. Data collected should include, at a minimum, GHG reductions, investments in NYS, and appropriate metrics to measure impacts on the PEV market. This will likely require periodic data collection and reporting activities, conducted by the proposer or, preferably, subcontracted to an objective third party.

For all categories, proposers should include project evaluation as a discrete task in the statement of work and allocate a portion of the overall budget to this task.

• Proposed Statement of Work and Schedule (three to four pages). In the electronic version, please include the Statement of Work (SOW) as a stand-alone file in Word format. The SOW is the primary contractual document that outlines work activities and specifies deliverables. It delineates each step required to accomplish the project objectives. Therefore, each action needs to be identified, indicating who will perform it, how it will be performed and its intended result. At the end of each task description, specific task deliverable(s) must be listed. Be sure to identify the task deliverable, as this will be a measure of your performance. Be clear and specific: concentrate on "how" and not "why." Use "active voice" sentence structure to make clear who is responsible for specific actions. Use the following phrase to start the description of every task and subtask: "The Contractor shall...." The SOW structure should include:

Task 1.0 Project Management.

<u>Subtask 1.1 Subcontracts.</u> The Contractor shall enter into the following Subcontracts. Describe all required subcontracts, even if the subcontractor is yet to be defined.

<u>Subtask 1.2 Meetings.</u> The Contractor shall hold a Kick-Off Meeting, Interim Review Meetings (as warranted), and a Wrap-Up Meeting at the end of the project.

<u>Subtask 1.3 Progress Reports.</u> NYSERDA will expect to receive written monthly or quarterly progress reports, as part of the project management task. These activities should be considered when developing your cost proposal. Such reports shall describe any difficulties encountered during the reporting period and shall include a statement of the Project Director setting forth the cost of the work during the reporting period. The progress reports should be submitted to the NYSERDA Project Managers no later than the 10th of the month following the period in which the work was performed.

<u>Subtask 1.4 Data Collection and Benefit Reporting.</u> For Categories 1 and 2, NYSERDA will require two brief annual updates on the effectiveness of the information dissemination (e.g. conference presentations, workshops, publications, citations, etc.). A simple, web-based PDF form will be provided for electronic filing (Attachment E1).

For Category 3 and 4 Projects, NYSERDA will also require five brief annual updates on the effectiveness and additional replication of the strategy/technology. A simple, web-based PDF form will be provided for electronic filing (Attachment E2).

<u>Subtask 1.5 Final Report.</u> The Final Report is a significant project deliverable and should detail all of the work performed and task deliverables, but exclude proprietary information. The comprehensive Final Report shall cover all aspects of the project and shall merge together, and build further on, the previously generated progress reports and task deliverables. In addition, conclusions and recommendations for further work should be provided.

<u>Task 2.0, 3.0, 4.0, etc.</u> Project-specific Work Scope Tasks. Add as many tasks and subtasks as necessary to cover all actions needed to achieve the goals and objectives of the project. These will be action steps. Each task should include a concise narrative description of the work that will be performed, how it will be performed, and specific deliverables to be provided. Typical tasks may include, but are not limited to, study/demonstration design, study/demonstration execution, and data collection. As noted above, one task must be focused on data collection and project evaluation.

<u>Schedule.</u> All proposals must include a schedule with a project start and end date and a detailed timeline with milestones to complete the project. Present a work schedule with a starting point and duration for each task and subtask. Presentation of the schedule in a table or bar chart is preferred starting with "Month 1," "Month 2," etc. along the top horizontally with tasks and subtasks running vertically down the left hand side. Define and indicate key milestones in the schedule, including planned start and completion dates for each task.

• Proposer Qualifications (two to three pages, depending on team size). Provide an overview of the relevant qualifications of the proposer, other team members and major subcontractors. Note that subcontracts of \$50,000 or more are subject to competitive bid procedures except where the proposal identifies a specific subcontractor as an integral participant in the proposed work (see Section 5.02 of Exhibit B in Attachment F: Sample Agreement). Resumes, facility qualifications, and data sheets do not belong in the body of the proposal, but should be included in the appendix. Key individuals identified in the proposal need to be available to commit to the project in the time frame proposed and subsequent personnel substitutions will require NYSERDA approval. Additionally, discuss any NYSERDA contracts awarded to the proposer in the past five years and identify NYSERDA project managers associated with those contracts.

To the extent that proposed Category 4 activities include the use of any existing intellectual property (IP) assets, the proposer must describe the IP and provide details that would identify any granted patents or pending applications related to the IP. If the proposer does not own the relevant IP, but is a licensee of the IP, then the proposal must specifically identify and describe any relevant license agreements. Proposers are encouraged to provide copies of relevant IP license agreement(s) and/or letter(s) of support from licensors as attachments to the proposal. To the extent any of the above represents non-public information, please refer to the "Proprietary Information" section in Section 5.0 below.

• Project Benefits (one to two pages). Discuss how the proposed project will advance PEV adoption in New York State and reduce petroleum use and GHG emissions in the State. Provide estimates of the potential improvement. Quantify any additional project benefits to the extent possible: electric grid benefits (e.g., reduced peak loads, more balanced usage, etc.), environmental benefits (e.g., emission reductions, elimination of hazardous materials, etc.), economic benefits (e.g., jobs created or retained, reduced transportation system life-cycle costs, enhanced viability of New York State businesses, etc.), safety and security benefits (e.g., reduction in deaths, injuries and real property losses, etc.), and other benefits (e.g., lowering the cost of compliance with State or Federal regulations, enhanced quality of life issues, etc.)

• **Budget**. All cost information must be provided on the attached Contract Pricing Proposal Form (**Attachment C**). Each subcontractor to the proposer should complete a separate Attachment C form.

In addition to the CPPF, the proposal should include a brief description of the budget, including a cost-sharing table (see example below) identifying the allocation of funding by task. The description should describe the equipment needed for the project, the equipment's function and necessity, estimates of the costs to purchase and install the equipment, the people who will do the work and whether they are external subcontractors or internal personnel, and the cost share, including the type, amount, and source of cost share. Provide as much detail as possible, such as quotes and preliminary engineering cost estimates. Indicate the number of hours each individual will spend on each task and an hourly rate of pay. Provide justification or verification for the rate of pay proposed.

Award recipients will receive funds on a reimbursement basis based on costs incurred, as evidenced by submitted invoices, and proof of payment to vendors and sub-contractors, in accordance with a mutually agreed-upon Statement of Work. No reimbursement will be provided for costs incurred prior to the contract execution date.

Cost Sharing. All Category 1, 2, and 3 proposals are required to show non-NYSERDA funding of at least 25% of total project costs. All Category 4 proposals are required to show non-NYSERDA funding of at least 50% of total project costs. For example, a Category 1 project seeking \$45,000 in NYSERDA funds would be required to provide a minimum of \$15,000 in cost share, which is 25% of the total project cost of \$60,000. A Category 2 project seeking \$75,000 in NYSERDA funds would be required to provide a minimum of \$25,000 in cost share, which is 25% of the total project cost of \$100,000. A Category 4 project seeking \$350,000 in NYSERDA funds would be required to provide a minimum of \$350,000 in cost share, which is 50% of the total project cost of \$700,000.

The amount of cost sharing will be an important consideration in the proposal evaluation process. Cost sharing can be from the proposer, other team members, and other government or private sources. Include documentation of cost share support from entities other than the proposer, such as letters of financial commitment from the participating entities (in an appendix). Absence of documentation of funding will be construed as a lack of commitment to the project by that entity. NYSERDA funds cannot be used to reimburse or replace normal expenses of other government organizations.

Contributions of direct labor (for which the laborer is paid as an employee) and purchased materials may be considered "cash" contributions. Unpaid labor, indirect labor, or other general overhead may be considered "inkind" contributions. For example, labor may be provided at discount rates, while products for commercial demonstration may be provided at a significant discount or at cost to the project. Requested funds, cash cost share, and in-kind contributions together must account for 100% of the cost of eligible expenses for implementing the project. For all categories, cash co-funding is preferred over in-kind services.

It is the responsibility of the proposer to adequately document the level of cost share being provided from all sources. If funded, the proposer will also need to provide cost share documentation with each invoice submitted. NYSERDA funds will not pay for efforts that have already been undertaken. The proposer or proposing team cannot claim as cost-share any expenses that have already been incurred. Show the cost sharing plan in the following format within your proposal (expand as needed).

PROPOSAL COST SHARING TABLE										
Proposed F	Project Total									
Funding Source	Task 1 (\$)	Task 2 (\$)	Task 3 (\$)		Cash (\$)	In-Kind (\$)	Total (\$)			
NYSERDA										
Proposer										
Co-Funder 1 (identify)										
Co-Funder 2 (identify)										
Task Total (\$)										

Indirect Costs. Attach supporting documentation to support indirect cost (overhead) rate(s) included in your proposal as follows:

Describe the basis for the rates proposed (i.e., based on prior period actual results; based on projections; based on federal government or other independently-approved rates).

- ➤ If rate(s) is approved by an independent organization, such as the federal government, provide a copy of such approval.
- If rate(s) is based on estimated costs or prior period actual results, include calculations to support proposed rate(s). Calculation should provide enough information for NYSERDA to evaluate and confirm that the rate(s) are consistent with generally accepted accounting principles for indirect costs.

NYSERDA reserves the right to audit any indirect rate presented in the proposal and to make adjustment for such difference. Requests for financial statements or other needed financial information may be made if deemed necessary.

- Annual Metrics Reports. If awarded, the proposer will be required to submit to NYSERDA's Project Manager on an annual basis, a prepared analysis and summary of metrics addressing the anticipated energy, environmental and economic benefits that are realized by the project. All estimates shall reference credible sources and estimating procedures, and all assumptions shall be documented. Reporting shall commence the first calendar year after the contract is executed. Reports shall be submitted by January 31st for the previous calendar year's activities (i.e. reporting period). Please see Attachment E1/E2: Sample Metrics Reporting Guides for the metrics that you will be expected to provide and the reporting duration. <a href="https://www.nyser.n
- **Appendices.** Include any resumes, company qualifications, or ancillary information which is deemed necessary to support your proposal.
- Letters of Interest or Commitment. If you are relying on any other organization to provide services, equipment or
 cost share, you must include a letter from that organization describing their planned participation. Where
 appropriate, proposed field demonstrations should include letters of commitment from the host site or vehicle fleet
 owner.

Also include letters of interest or commitment from team members, businesses or other organizations critical to the success of the project. Absence of letters of interest or commitment will be interpreted as the proposer not having support from the identified parties.

In addition, include letters of support from PEV market actors, such as utilities, public or workplace EVSE owners, installers, fleets, etc. that can attest to the potential to expand the PEV market of the innovation the project will study. Letters should address how that entity would benefit from the innovation being widely introduced in New York State and why they would be likely to favor that innovation over alternatives.

4.0 PROPOSAL EVALUATION

Proposals that meet the Proposal Requirements will be reviewed by a Technical Evaluation Panel (TEP) and will be scored and ranked according to the following criteria, which are listed in order of importance. All three categories of projects will be evaluated together. NYSERDA reserves the right to interview proposers as part of the evaluation process. After the proposals are reviewed, NYSERDA will issue a letter to each proposer indicating the proposal evaluation results. Proposers receiving favorable evaluations will be invited to enter into contract negotiations with NYSERDA. The proposer may also be asked to address specific questions or recommendations of the TEP before contract award.

1. Proposal Quality

- Program Goals and Benefits: How well does the project help meet the goals of removing market barriers to PEV adoption in New York State and creating energy, environmental, and economic benefits for New York State? How well does it address one or more of the listed Focus Areas? How significant is the statewide potential for expanded PEV adoption resulting from the project? Are the expected benefits likely to be realized, given other constraints or barriers? Are there additional significant benefits, such as enhanced electric grid, environmental, economic, safety and security benefits? If adopted, will there be economic benefits in New York State in the form of subsequent investments, manufacturing or technical service activity? For Category 3 projects, how cost effective is the project in generating new PEV sales and engaging employers/car dealers in the PEV market?
- Project Design: Is the proposed work plan technically feasible, innovative, and superior to potential
 alternatives? Is there a strong likelihood that the project can be completed as described, with the intended
 benefits? Does the approach to completing the project seem appropriate for the proposed schedule and
 budget?
- Innovation: Does the project contain a novel approach to the PEV market that has not been demonstrated in

- New York to date? Does the proposal contain detailed information on the proposed innovation and how that innovation will be implemented?
- Market Demand and Replicability: Has the proposer demonstrated that the technology, strategy, or policy
 being studied is something that market actors are interested in implementing and feel would provide benefits if
 successful? Are there letters from market actors attesting to the value of the project? Does the project
 demonstrate a path to market acceptance and economic viability? Is there a path for it to be replicable beyond
 a single demonstration?
- **Data Collection and Analysis:** Does the proposal contain a detailed plan for data collection and analysis? Does it include thoughtful ways to measure success and potential or actual impacts? Does it include a well-considered plan for independent analysis of the project, where appropriate?

2. Proposer Qualifications

- References and Past Performance: Does the proposer have a history of successfully completing similar projects? Do they have the necessary technical expertise to complete the project?
- **Partnerships:** Does the project comprise significant innovative partnerships with appropriate partners for accomplishing the project's goals?
- **Level of Commitment from Partners**: Did the project partners provide commitment letters detailing their roles in the project and any financial or technical cost share for the project?
- **New York State Content:** Does the team consist of New York State businesses, thereby providing economic benefits in the form of jobs?

3. Project Value

- Cost/Benefit Considerations: Is the overall project cost justified based on the expected benefits? Relative to
 the project cost, how significant are the potential benefits? Are the equipment and labor costs reasonable for
 the type of equipment and labor being used?
- **Schedule:** Does the proposal contain a reasonable schedule to complete the work? Is the schedule short enough and flexible enough to be able to respond to changing market conditions?
- **Budget Detail:** Is the level of detail included in the budget sufficient to evaluate the project costs? Is the budget appropriate for the proposed work plan?
- Cost Share: Has the minimum cost share requirement been met? Is there cost share provided beyond the minimum required? How appropriate are the proposer's cost share contributions (sources and amounts) with respect to the degree of risk, potential to benefit from the work, and financial status of the proposing organization and project team? Does the project offer the potential to catalyze additional investments in the future if successful?

Other Considerations – Proposals will be reviewed to determine if they reflect NYSERDA's overall objectives, including: risk/reward relationships, similar ongoing or completed projects, the general distribution of NYSERDA projects among industries and other organizations, and the distribution of projects within New York State.

5.0 GENERAL CONDITIONS

Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, nonconfidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://www.nyserda.ny.gov/About/-media/Files/About/Contact/NYSERDA-Regulations.ashx. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

Omnibus Procurement Act of 1992 - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division For Small Business 625 Broadway Albany, NY 12207

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207

State Finance Law sections 139-j and 139-k - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at

http://www.tax.ny.gov/pdf/current forms/st/st220td fill in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Contract Award - NYSERDA anticipates making multiple awards under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately 12 weeks from each proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

Limitation - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

Disclosure Requirement - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract,

NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

ATTACHMENTS

Attachment A – Proposal Checklist

Attachment B – Disclosure of Prior Findings of Non-Responsibility Form

Attachment C – Contract Pricing Proposal Form

Attachment D – Proposal Overview Form

Attachment E1 and E2 – Sample Metrics Reporting Guides

Attachment F – Sample Agreement

Attachment G – Instructions for Submitting Electronic Proposals





A Joint Research Solicitation

Integrated Mobility Solutions for Smarter Cities and Communities

Program Opportunity Notice (PON) No. 3090 \$3,000,000 Available

PROPOSALS DUE: July 29th, 2015 by 5:00 pm Eastern Daylight Time*

In partnership with the New York State Department of Transportation (NYSDOT), the New York State Energy Research and Development Authority (NYSERDA) seeks proposals that have the potential to reduce the greenhouse gas (GHG) emissions and the associated energy consumption of the existing multi-modal transportation system in New York State. Total available funding is \$3,000,000. All, some, or none, of the available funding may be awarded. In funding this solicitation, the sponsors seek to promote an integrated, multi-faceted, energy-efficient, and sustainable transportation system through the identification of innovative strategies, policies, emerging technologies and partnerships, and through useful demonstrations and system designs that validate underutilized commercial products in New York State.

Proposal Submission: Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this PON's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx).

Instructions for submitting electronically are located in Attachment F to this PON. If mailing or hand-delivering, proposers must submit two (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing both a PDF and a MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, PON 3090 New York State Energy Research and Development Authority 17 Columbia Circle, Albany, NY 12203-6399

If you have technical questions concerning this solicitation, contact Joseph Tario, (518) 862-1090 ext. 3215 (ioseph.tario@nyserda.ny.gov). If you have contractual questions concerning this solicitation, contact Nancy Marucci, (518) 862-1090 ext. 3335 (nancy.marucci@nyserda.ny.gov).

No communication intended to influence this procurement is permitted except by contacting Joseph Tario (Designated Contact) at (518) 862-1090, ext. 3215 or joseph.tario@nyserda.ny.gov. Contacting anyone other than this Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

*Late proposals will be returned. Incomplete proposals may be subject to disqualification. It is the bidder's responsibility to ensure that all pages have been included in the proposal. Faxed or e-mailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at http://www.nyserda.ny.gov/.

Smart cities and communities are growth markets of the future. Emerging 'mega-regions,' two of them being the Great Lakes and Northeast mega-regions that include Buffalo and other western New York communities and the New York metropolitan region, respectively, may account for as much as 75 percent of the U.S. population by 2050. This presents significant challenges as well as opportunities.

Smart cities and communities focus on empowering travelers with innovative solutions and the right tools to connect to the right information when planning their trip – providing better transportation options and services, the way travelers want it, when they want it. Smart cities and communities establish this roadmap moving forward by providing services that are convenient, reliable, and accessible. Smart cities and communities are enabled by the complete integration of transportation choices and information in ways that travelers and the public value. This vision is broadly profiled in *Smart Mobility for a 21st Century America*.

 $\underline{\text{http://advancedmobilityproject.org/wp-content/uploads/2013/12/Smart-Mobility-for-a-21st-Century-America1.pdf}$

Bringing the "Internet of Things" to transportation and the need to develop smart cities and communities are bolstered by two recent grounding-breaking initiatives. The USDOT's draft release of Beyond Traffic casts a long-range vision that will impact transportation trends and choices through 2045. Governor Cuomo's recent announcement of the NYS Community Partnership Program builds on the New York Power Authority's Five Cities Model and will initially provide up to \$20 million for advanced energy projects. Examples of improvements under consideration are demonstrated in the Albany Energy Plan which seeks greater transportation efficiencies by: 1) upgrading transportation infrastructure to maximize efficiency and reduce automobile dependency; 2) expanding and improving multimodal transportation options; 3) removing barriers to installing alternative fuel infrastructure and using alternative fuels; 4) maximizing efficiency of vehicle fleets; and 5) maximizing efficiency and reducing the costs of streetlights.

http://www.dot.gov/sites/dot.gov/files/docs/Draft Beyond Traffic Framework.pdf http://www.nypa.gov/AlbanyEnergyPlan.html

Achieving this vision will result in more informed, efficient and sustainable management of multimodal transportation networks, facilitate seamless travel across different transportation modes, and increase sustainability that reduces traffic congestion and decreases energy use. A prime opportunity exists to define *The Infrastructure the Next Generation of Cities Will Need* (link below). The need exists to put in place new and emerging ideas and concepts that better integrate the reach and effectiveness of solutions that reduce energy use, improve transportation mobility and reliability, produce collaborative partnerships at all levels, achieve broad sustainability and livability goals, and enhance the health, welfare, and safety of the traveling public.

http://www.governing.com/blogs/view/gov-infrastructure-cities-innovation-entrepreneurship-technology.html

Four categories of projects will be considered for funding. Specific Focus Areas are described in the following section, but project objectives common to all four include but are not limited to:

- Promoting integrated strategies across organizations and transportation modes.
- Managing, reducing, and avoiding congestion by emphasizing multimodal options and better network management through engineering, operational improvements, and other strategies.
- Providing network safety, resiliency, redundancy, and security.
- > Providing more intelligent communications between transportation networks and their users.
- Providing predictability and capacity increases focused on travel that supports transportation sustainability, energy efficiency, economic productivity, and livability.
- > Supporting research, planning, and development of solutions that solve pressing transportation needs; meet traveler expectations and desires; and enhance the reliability, efficiency, and safety of New York's transportation system.
- > Enabling agencies, communities, organizations, and others to replicate project concepts.

Focus Area 1: Active Transportation and Demand Management (ATDM) and Integrated Corridor Management (ICM)

ATDM is the collective approach for dynamically managing travel and traffic demand and available capacity of transportation facilities, based on prevailing traffic conditions, using one or a combination of operational strategies that are tailored to real time and predicted conditions in an integrated fashion. ICM consists of the operational coordination of multiple transportation networks and crossnetwork connections comprising a corridor and the coordination of institutions responsible for corridor mobility.

Smart cities and communities are using these new and emerging approaches to better manage congestion, mobility, energy resources, and the environment. Smart mobility solutions and other innovative approaches are being utilized that are integrating real-time information and operational strategies, technological innovations and concepts, and collaboration among local stakeholders that are practical and cost-effective. Within this context, travelers are provided optimal information and choices before, during, and at the end of their trip and are experiencing improved mobility, trip reliability, safety, and throughput of the surface transportation system.

http://ops.fhwa.dot.gov/publications/fhwahop12032/http://www.its.dot.gov/icms/icm_plan.htm

The objective of this focus area is to engage in planning, applied research, deployment, or demonstration of concepts and strategies that are dynamically active, integrated, and resulting in transportation systems that are optimized for performance. Proposals can focus on new industry trends, applied research, and forward looking advances in ATDM; intelligent transportation systems (ITS) technologies; analysis, modeling, and simulation (AMS) concepts; and visionary ICM solutions based on robust collaboration, vital shared experiences, and higher degrees of institutional and organizational learning and collaboration. Activities may include proactive planning, applied research, technical analysis tool development and guidance, systems operations, outreach/training, partnerships, and community involvement that optimize the integration of multimodal systems operations. Activities may include but are not limited to:

- > Development of innovative ATDM, ITS, and ICM concept exploration, regional architectures, and concepts of operations.
- Analytical planning, research, operations, and systems engineering related to system requirements, subsystem project architectures, and detailed component level designs.
- > State-of-the-art systems operations, technologies, and strategies (e.g., priority treatments such as managed use lanes, bus rapid transit, and adaptive transit and pedestrian signal control systems) that improve cross-network interfaces, efficiencies, and safety.
- > Dynamic, real-time multimodal information and communication systems both pre-trip and enroute that facilitate enhanced traveler decision-making; greater coordination and integration among system and network owners, operators, stakeholders, business community, and the traveling public; and overall greater satisfaction by travelers.
- > Advanced traffic management and analysis, modeling, and simulation (AMS) forecasting concepts, methodologies, and processes.
- ➤ Congestion management best practices that optimize operations under various scenarios (e.g., normal or daily conditions; atypical conditions and incidents; scheduled events; unplanned or failure events; and work zone anomalies).
- Multi-agency change and configuration management processes, policy procedures, collaboration, and organizational efficiencies capable of integrating relevant components.

Focus Area 2: Freight Transportation Management and Logistics

Freight transportation management includes various strategies for increasing the efficiency of freight and commercial transportation. Logistics is a technical term for efficient freight management, including shipping practices (e.g., vehicle type, shipment size, frequency, etc.), facility location, and related activities that improve economies-of-scale. Logistics focus on minimizing shipper costs, but other components such as congestion, energy resource availability and use, and environmental impacts are equally important. Improvements in freight transportation recognize both components are important. This results in more efficient freight options (including truck, rail, intermodal and integrated distribution centers); incentives and information that enhance decision-making for various types of delivery; increases in load factors; and reduction in unnecessary shipping distances and volumes.

Smart cities and communities are characterized by safe, efficient, and integrated freight transportation to support enhanced mobility, economic productivity, community well being, overall sustainability, and quality of life. Cost-efficient freight transportation is an important element of economic well being, especially as domestic and global trade continues to expand. The objectives of this focus area are to improve the flow and reliability of freight transportation in New York, while increasing energy efficiency and reducing GHG emissions. Freight concerns include, but are not limited to, the congestion and double-parking that occurs in city centers when trucks aren't well-managed during the 'first and last mile' of delivery, the environmental impact of moving freight through the metro area, and the 'hub dilemma' — the additional layer of commercial traffic often accruing at New York's major transportation facilities exacerbated by partly full trucks taking up urban highway capacity.

Proposals can focus on vehicles, technology, infrastructure, supply chain operations, logistics, safety and security, governance and policies, modal shifts, funding and finance, land use/environmental connections, public and private partnerships, and community involvement by addressing elements such as but not limited to the following:

- ➤ Defining, developing, and managing core regional multimodal freight networks that include truck, rail, and marine/waterborne transportation.
- > Enhancing total freight network infrastructure and services resiliency, redundancy, reliability, competitiveness, safety, and security through efficient supply chain management.
- Shifting freight traffic away from congested peak travel times to off-peak periods.
- > Improving scheduling, routing, and supply chain management that reduce freight vehicle mileage, increase load factors (e.g., avoiding empty backhauls), and serve wider markets.
- ➤ Using smaller vehicles and human powered transportation (e.g., freight tricycles) that address 'first and last mile' challenges, particularly for distribution in urban areas.
- ➤ Using 'big data' analytics/insights, artificial intelligence, increased computerization, and innovations in management, supply chain, and operations to enhance logistical coordination.
- ➤ Employing ITS technologies that enhance operational efficiencies of freight movements including reliable and predictable pick up or delivery capabilities and system coordination.
- ➤ Fostering new business models for distribution and consolidation that improve multimodal connections while reducing per-mile shipping costs, unnecessary delivery frequency and backhauling, and relying on more local suppliers.
- > Implementing land use, complete streets, pricing, tax, and other policies to optimize freight infrastructure management and operations.
- > Building integrated support and collaborative partnerships to facilitate efficient goods movement among local jurisdictions, business, and labor.

Focus Area 3: Dynamic Mobility Applications

Dynamic mobility applications (DMA), particularly as they relate to connected, autonomous or automated vehicle technologies, are new and emerging industry trends and advances in multimodal travel, traffic management, and information systems; innovative ITS technologies and related architectures; operational system and design changes; intelligent infrastructure improvements; and forward looking strategies, concepts, technologies, and applied research that include but are not limited to initiatives like:

- ➤ Enable Advanced Travel Information Systems (Enable ATIS)
- Multimodal Intelligent Traffic Signal System (MMITSS)
- Intelligent Network Flow Optimization (INFLO)
- Response, Emergency Staging and Communications, Uniform Management, and Evacuation (R.E.S.C.U.M.E.)
- Integrated Dynamic Transit Operations (IDTO)
- Freight Advanced Traveler Information Systems (FRATIS)
- Commercial Vehicle Information Systems and Networks (CVISN)
- > Applications for the Environment: Real Time Information Synthesis (AERIS)
- Clarus ('Anytime, Anywhere Road Weather Information')

DMA considers planning and applied research that will spur development of smart cities and communities of the future characterized by smart mobility solutions. This includes a transformation in transportation planning and operations that emphasize traffic and transit evolution, new modal innovations, intelligent infrastructure, autonomous and connected vehicles, optimization of multimodal systems integration and operations, and progressive technological solutions that improve transportation mobility, reliability, resiliency, redundancy, sustainability, and safety. This transformation will cast a vision for the marketplace that embraces 'thinking about infrastructure' that builds capacity and 'thinking about markets' that makes more efficient use of the capacity that already exists. It will speak to an evolving transportation schema that is flexible, practical, and fosters critical tailoring and adaptation in response to dynamic mobility applications.

http://www.its.dot.gov/dma/dma_development.htm

The objectives of this focus area are to create innovative and transformative applications from these emerging DMA initiatives, trends, and advances that are underpinning national and international capacity building developments. It involves proactive asset and systems management that leverages frequently collected and real-time, multi-source data from connected vehicles and travelers, various alternative modes, and infrastructure. It increases efficiencies in operations, reliability, and safety; improves individual mobility; reduces negative environmental risks that make travel smarter and greener; increases sustainability and livability; and delivers needed traveler services in practical and relevant ways.

Project proposals can focus on technology, vehicles, infrastructure, system operations and management, safety and security, technical analysis tools and support systems, proactive research and planning, innovative governance practices, and collaborative partnerships that may include but are not limited to:

- > Planning and applied research related to innovative emerging transportation technology solutions that transform systems, operations, and services delivery and safety.
- Computing and wireless technologies that enhance efficiencies and decision support in traffic, transit, and freight management, predictive analytics, and operations capabilities.
- Real-time big data in transportation planning, modeling, and intelligent transportation systems design, operations, and safety applications (e.g., adaptive traffic signal optimization systems).

- Capability maturity approaches and applications demonstrating various levels of sophistication relative to the development, maturity, and delivery of DMA product and service deployments.
- ➤ Integrated operations that enhance capacity and redundancy; standardization and interoperability between high-value assets; and novel operational strategies (e.g., managed use lanes and continuous flow intersection improvements).
- > Smart parking solutions that utilize innovative technologies to improve access control, way-finding and guidance, and payment automation.
- ➤ Emerging innovations in research, standards, and practices that enhance pedestrian and bicycle-related infrastructure safety.
- ➤ Use of information and communication technologies to enable greater efficiencies in system operations and services delivery.
- ➤ Re-thinking and re-aligning governance and change management practices resulting in stronger, engaging leadership structures.

Focus Area 4: Sustainable Transportation Alternatives

Sustainable transportation alternatives are defined as ones that that meet our needs without compromising the ability of future generations to meet their needs. Smart cities and communities of the future are going to be transformed by an emerging new mobility industry that embraces and connects a wide range of sectors – recognizing there is a shift taking place from one of 'ownership' to one of 'access.' It will address the connectivity gaps that exist in a traveler's trip. It will progress sustainable, technological solutions that improve multimodal systems reliability, traveler safety, livability, and quality of life through systems-based transportation. New mobility alternatives will offer a wide range of business and innovation opportunities and foster new roles for business and government. It will generate collaborative problem solving and solution definition leading to collaborative implementation. Sustainable transportation alternatives recognize the groundswell of innovation that goes beyond conventional solutions to address gaps in systems and services with new services, products, transportation modes, technologies, and system designs. It emphasizes integrated, systems-based solutions that are safe, sustainable, equitable, and affordable. http://deepblue.lib.umich.edu/bitstream/handle/2027.42/85216/102756.pdf?sequence=1

The key to developing smarter cities and communities is to connect rather than compete. It is about connecting the dots, bringing diverse innovations together in ways that work best for travelers and users of transportation systems in ways that are relevant, simple, and resonate with travelers. Smart cities and communities recognize multiple, innovative solutions are needed to support next generation transportation options and infrastructure that are sustainable.

The objective of this focus area is providing integrated and dynamic concepts, strategies, and solutions that provide integrated sets of transportation designs, services, products, and technologies that are scalable – starting with what already exists and capitalizing on multidisciplinary systems, products, designs, and processes that address a broad range of backgrounds and needs; urban, suburban, and rural; policy, research, and practice; public and private sector innovation; and short- and long-term timeframes.

Proposals may focus on new mobility industry trends, business models, partnerships and alliances, and forward looking advances in new mobility designs and solutions in the areas of transportation operations, safety, and services; intelligent transportation systems; geomatics; telecommunications and wireless information technologies; land use planning and design; clean energy; highway and transportation equipment, safety operations, and management; and financial services, e-business, and new digital media. Proposals may address such ideas that include but are not limited to:

- ➤ New mobility products, modes, and services that are redefining how travelers commute and move about for example, peer-to-peer transportation networks; shared use mobility enterprise alliances; and travel demand management, messaging, and compliance strategies.
- ➤ New services and technologies that build relevancy, simplicity, trust, and are incentivizing greater participation in alternative forms of transportation for example, use of digital and integrated single-payment platforms; wayfinding information services; and online, social media platforms that better engage and empower travelers and communities.
- ➤ New systems, infrastructure, and product designs that leverage the capability of government and the private sector to create integrated, multimodal systems environments for example, innovative technology advances, standards, and best practices that advance highway and transit safety; innovative lighting solutions that improve visibility on streets and highways; and innovative processes and technologies that enhance connectivity in transportation hub and terminal design and operations.

Funding Categories. Five categories (and maximum NYS support) will be considered for funding:

- 1. <u>Education and Technology Transfer (\$30,000 max)</u>. Outreach activities to advance the education and awareness of the general public, policy makers, stakeholders, students, municipal planning organizations (MPOs) and others on the issues, consequences, objectives and resources, associated with reductions in transportation GHGs/energy consumption.
- 2. Research, Policy, and Feasibility Studies (\$150,000 max). Applied research to develop and evaluate new strategies and policies for New York State that have the potential to achieve reductions in transportation GHGs/energy consumption, and to improve energy efficiency.
- 3. <u>Demonstrations of Underutilized Strategies and Policies (\$200,000 max)</u>. Demonstrations that have not been previously deployed in New York State to any significant extent which have the potential to reduce transportation GHGs/energy consumption and that require only minor amounts of equipment and/or materials purchased for implementation (< 30% of the total project budget).
- 4. <u>Integration of Existing Mobility Strategies through Collaborative Partnerships (\$300,000 max).</u> Partnerships on a larger scale in which numerous and diverse public and private entities team up and pool resources to work together to reduce transportation GHGs/energy consumption.
- 5. <u>Demonstrations of Underutilized Commercial Technologies (\$500,000 max)</u>. Demonstrations of technologies that have not been previously deployed in New York State to any significant extent which have the potential to reduce transportation GHGs/energy consumption and that require significant amounts of equipment and/or materials purchased for implementation (> 30% of the total project budget).

Category 1 seeks to fund technology transfer/outreach activities and materials, including workshops, webinars, publications, guidebooks, and brochures. Outreach activities may focus on implementing new strategies or technologies, as well as seek to modify the behavior of New York State residents. The funded activity should produce a project-specific deliverable to promote impact and replication beyond the timeframe of the project. (e.g. webcast, curriculum materials, etc.).

Category 2 is designed to fund specific research, plans, and studies, which may include feasibility assessments, engineering studies, and related analysis necessary to establish the energy, environmental, and additional benefits of a relevant policy, strategy, product or technology. Examples of additional benefits include financial impacts, as well as potential impacts in the areas of operations, maintenance, safety, reliability, mobility, and security.

Applied research is defined as the systematic inquiry to solve practical problems resulting in practical applications, whereas, basic research is defined as the systematic study toward gaining greater knowledge or understanding, but without focus on specific practical applications, end results or products.

Category 3 seeks to demonstrate underutilized strategies, plans, and policies, which have been proven to be effective elsewhere, nationally or internationally. The intent, however, is to replicate fundamental changes in system operations, which can be readily implemented without major equipment expenditures. For this category, proposed purchases of materials and equipment are limited to 30% of the total project budget.

Examples of qualifying Category 3 demonstration proposals might include: a) development of tailor-made ICMS or system of systems (SoS) approaches to corridor management that facilitate the organization, integration, and communication of innovative, multimodal system concepts, products, and services; b) development of an ICMS capability maturity framework of planning, operational, institutional, and technical deployments that produce optimal economies-of-scale and achieve full integration of system synergies that fully meet traveler needs; c) expanded access to and repurposing underutilized facilities for consolidated freight services (e.g., mini-distribution centers); and d) emerging innovations in transportation research, standards, and practices related to pedestrian and bike-related infrastructure and changes in MUTCD standards that ensure the safety and greater accommodation of pedestrians and bicyclists (e.g., pedestrian activated hybrid beacons – the Tucson Hawk, bicycle-specific traffic signals, color coded bike lanes, bike boxes, stripping that extends bike lanes through intersections, and rectangular rapid flashing beacons).

Category 4 seeks to support and implement larger Collaborative Partnerships that integrate and leverage across modes, strategies, agencies, and sectors. Innovations and opportunities are rapidly evolving and encompassing numerous aspects of commuting and traveling, urban goods movement and supply chain management, telecommunications, use of wireless technologies, e-business and social media, real estate and land use patterns, and design (products, services, technologies, and community). The quality of the Collaborative Partnership is as important as the transportation issue being addressed and proposers should establish diverse, innovative collaborations exploring social and business opportunities, as well as the emerging strategies and technologies being deployed.

Examples of Collaborative Partnerships are a) shared economy alliances and peer-to-peer transportation networks that bundle transportation modal options with related services such as smart parking solutions (e.g., use of innovative concepts and technologies to enhance traffic and parking management, real-time way-finding and guidance systems indicating space availability, rental of private parking space, and mobile applications that facilitate drivers' ability to find, pay for, and reserve parking), insurance, toll charging, and multichannel single payment networks (e.g., smart cards, mobile apps, etc); b) optimal use of digital innovation, online information, and social media platforms that encourage open market insights and public and business collaboration; and c) utilizing the business community as strategic partners to assist in delivering and showcasing a dynamic 'solutions landscape' of innovative measures, creative problem solving initiatives, and cross-cutting solutions with respect to overcoming barriers and challenges to creating a fully integrated, multimodal transportation systems environment.

Category 5 is similar to Category 3, but differs in the amount of materials and equipment required to be procured for the demonstration. Category 5 is designed to fund the limited demonstration of existing underutilized commercial technologies that have been successfully deployed in other states or countries (e.g., the Tucson Hawk and the Copenhagen Wheel), but have not been previously deployed in New York State to any significant extent. The intent is not to research the existing technology per se, but to quantify and validate potential benefits and identify specific barriers to adoption for New York. In contrast to Category 3, it is recognized that significant procurement of material and equipment may be necessary (>30% of the total project budget).

II. PROGRAM REQUIREMENTS, continued

Category 3 and 5 proposers will be required to establish that their proposed strategy or technology is truly underutilized in New York State. Proposers should conduct a review of available literature, news articles, and internet sites and published studies to present a convincing case for the value in a New York State demonstration.

Category 5 proposers will be required to establish that the transportation technology is fully commercial and that no significant product development is required. Transportation technologies requiring additional product development should be proposed to NYSERDA's Advanced Transportation Technologies solicitation, which is issued annually and specifically targets transportation product development.

A commercial technology is defined to be a product, such as an item, material, component, subsystem, or system, applicable to transportation and sold or traded in reasonable quantities on the open market within the course of normal business operations at prices based on established catalog or market prices with industry-standard deliveries, terms, and warranties.

Project Scope. To be selected for funding, proposals must:

- > Offer readily quantifiable reductions in GHG emissions and transportation energy use in New York State with a clearly identified process for verifying these benefits.
- > Demonstrate a viable path to market acceptance resulting in additional technology adoption and replication beyond a single demonstration.
- Emphasize the ultimate deployment of technical solutions rather than perform basic research.
- > Document accessibility, sustainability, mobility, reliability, environmental, economic, safety and/or security benefits in New York State.
- > Be consistent with metropolitan transportation plans in New York State and with transportation related regulations at the federal or state level.
- Provide the minimum required amount of cost-sharing by the proposer or third parties in the form of cash or in-kind labor, materials, equipment, facilities, and other resources, subject to reasonable and verifiable valuation. Co-funding may be from the proposer or other private or government sources. New York State funds cannot be used to reimburse or replace normal expenses of other government organizations.

Due to the objectives of PON 3090, teaming arrangements are not only encouraged but may be necessary to achieve project success. Proposal teams may include commercial firms, industry associations or research organizations, universities, government agencies, end-users, and other stakeholders.

Letters of Commitment. If you are relying on any other organization to provide services, equipment or cost share, include a letter from that organization describing its planned participation. Where appropriate, proposed field demonstrations should include Letters of Commitment from the host site or vehicle fleet owner. Absence of Letters of Commitment will be interpreted as the proposer not having support from the identified parties.

Letters of Support. In addition to Letters of Commitment, also include Letters of Support from other organizations and entities that are not on the Project Team, but that are critical to the success of the project. Letters of Support are highly valued by the sponsors and by the evaluation committee. The proposer should give strong consideration as to who the project will impact and seek Letters of Support where appropriate. However, due to their active sponsorship of this collaborative solicitation, Letters of Support should not be solicited from NYSDOT or NYSERDA personnel.

Total proposal length should not exceed 20 pages, plus resumes, company qualifications, and ancillary information in an appendix. Each page of the proposal should state the name of the proposer, the PON number, and the page number. Suggested page limits for each section are provided below in parentheses. Your goal as a proposer should be to concisely present the information needed to fully address the evaluation criteria (see Section IV). Proposals that grossly exceed the page limits or fail to follow the format guidelines may be rejected as non-responsive.

Proposal Sections. Sections of your proposal should be formatted and assembled as follows:

- **1. Proposal Checklist.** Complete the specific Proposal Checklist attached as part of this PON (Attachment A), and include it as the front cover of the original and each copy of the proposal. Note the following:
 - Indicate whether you accept the standard terms and conditions as contained in the attached Sample Agreement. If you do not accept the standard terms and conditions, provide alternate terms with justification based on the risk and benefit to NY State. NYSERDA reserves the right to consider only exceptions to terms that are specifically included with the proposal. Any negotiation of terms will be at NYSERDA's sole discretion.
 - > Do not leave any blanks. If a specific question is not applicable, indicate N/A.
 - ➤ Be sure the individual signing the Proposal Checklist is authorized to commit the proposer's organization to the proposal as submitted.
- 2. Procurement Lobbying Requirements State Finance Law sections 139-j and 139-k.

In compliance with §139-j and §139-k of the State Finance Law (see Section V, General Conditions below for additional information), additional forms must be completed and filed with proposals:(1) a signed copy of the Proposal Checklist including required certifications under the State Finance Law and (2) a completed Disclosure of Prior Findings of Non-Responsibility form. Failure to include a signed copy of the Proposal Checklist referenced in this solicitation may disqualify your proposal.

- **3. Executive Summary (two pages maximum).** Indicate the Focus Area (1, 2, 3, or 4) and the Funding Category (1, 2, 3, 4, or 5) to which your proposal is being submitted. Briefly summarize the team members, the related problem or opportunity, the proposed solution and its innovative characteristics, and the potential for energy and GHG reductions in NY State. Strictly limit the Executive Summary to two pages and use the following outline: a) Team Members; b) Background; c) Objective and Scope of Proposed Project; and d) Project Benefits.
- **4. Background and Proposed Approach (two to three pages).** Provide a narrative of the transportation sector being impacted, how it currently operates and what opportunities exist for improvement. Explain fully how the transportation energy and GHGs will be reduced and how the efficiency of the existing NY State transportation system will be enhanced. If applicable, discuss your solution's relevance to any metropolitan transportation plan or transportation-related regulation.

For Category 3 funding, proposers must include a proposal section documenting the NY State underutilization of their strategy. This should include the results of literature reviews and internet scans as previously discussed and contrast New York to other areas where utilization occurs. For Category 5 funding, proposers must include a proposal section documenting the commercial availability and NY State underutilization of their technology. This should include previous sales and deployments, and include client references and contact information.

5. Proposed Statement of Work and Schedule (three to four pages). The Statement of Work (SOW) is the primary contractual document that outlines work activities and specifies deliverables. It delineates each step required to accomplish the project objectives. Therefore, each action needs to be identified, indicating who will perform it, how it will be performed and its intended result. At the end of each task description, specific task deliverable(s) must be listed. Be sure to identify the task deliverable, as this will be a measure of your performance.

Be clear and specific: concentrate on "how" and not "why". Use "active voice" sentence structure to make clear who is responsible for specific actions. Use the following phrase to start the description of every task and subtask ("The Contractor shall...."). The SOW structure should include:

Task 1.0 Project Management.

<u>Subtask 1.1 Subcontracts.</u> The Contractor shall enter into the following agreements. Describe all required subcontracts, even if the subcontractor is yet to be defined.

<u>Subtask 1.2 Meetings.</u> The Contractor shall hold a Kick-Off Meeting, Interim Review Meetings (as warranted), and a Wrap-Up Meeting at the end of the project.

<u>Subtask 1.3 Progress Reports.</u> NYSERDA and NYSDOT will expect to receive written monthly or quarterly progress reports, as part of the project management task. These activities should be considered when developing your cost proposal. Such reports shall describe any difficulties encountered during the reporting period and shall include a statement of the Project Director setting forth the cost of the work during the reporting period.

<u>Subtask 1.4 Data Collection and Benefit Reporting.</u> For Category 1 and 2 Outreach/Study Projects, NYSERDA will require two brief annual updates on the effectiveness of the information dissemination (e.g. conference presentations, workshops, publications, citations, etc.). A simple, web-based PDF form will be provided for electronic filing (Attachment E1).

For Category 3, 4, and 5 Implementation/Demonstration Projects, the proposal should include a detailed plan to collect data and provide reporting to validate the claimed transportation benefits. Depending on the project, this may require periodic data collection and reporting activities, conducted by the proposer or subcontracted to an unbiased third party. This is an important aspect of a properly-crafted project and it will benefit the proposer and NY State if done properly.

For Category 3, 4, and 5 Implementation/Demonstration Projects, NYSERDA will also require five brief annual updates on the effectiveness and additional replication of the Strategy/Technology. A simple, web-based PDF form will be provided for electronic filing (Attachment E2 for a finite demonstration or E3 for an ongoing business development).

Additionally, NYSERDA may retain an independent third party to evaluate the results of funded projects in selected areas of interest. Upon such a request from NYSERDA, the Contractor shall make available project files and data for evaluation for a period of time not to exceed 5 years.

<u>Subtask 1.5 Final Report.</u> The Final Report is a significant project deliverable and should detail all of the work performed and task deliverables, but exclude proprietary information. The comprehensive Final Report shall cover all aspects of the project and shall merge together, and build further on, the previously generated monthly progress and benefit reports. Although not onerous, NYSERDA, NYSDOT and FHWA each have elements of required report formats, which need to be satisfied and which will be provided to successful proposers at the start of the project.

In the Final Report, the Contractor shall quantify the magnitude of the potential GHG and energy reductions under various scenarios. Annual estimates for the next five years shall be developed assuming realistic adoption in NY State. If appropriate, larger regional or national impacts shall be estimated assuming reasonable replication. All estimates shall reference credible sources and estimating procedures, and all assumptions shall be documented.

<u>Task 2.0, 3.0, 4.0, etc.</u> Project-specific Work Scope Tasks. Add as many tasks and subtasks as necessary to cover all actions needed to achieve the goals and objectives of the project. Each task should include a concise narrative description of the work that will be performed and how the work will be performed and specific deliverables to be provided. Typical tasks may include, but are not limited to, requirements definition, preliminary design, field testing, final design, and demonstration.

<u>Schedule.</u> Present a work schedule with a starting point and duration for each task and subtask. Presentation of the schedule in a table or bar chart is preferred starting with "Month 1," "Month 2," etc. along the top horizontally with tasks and subtasks running vertically down the left hand side. Although other timeframes will be considered, typical project schedules run nine to eighteen months.

6. Proposer Qualifications (two to three pages). Provide an overview of the relevant qualifications of the proposer, other team members and major subcontractors. Note that subcontracts of \$50,000 or more are subject to competitive bid procedures except where the proposal identifies a specific subcontractor as an integral participant in the proposed work (see Att. D: Sample Agreement). Resumes, facility qualifications, and data sheets do not belong in the body of the proposal, but should be included in the appendix. Key individuals identified in the proposal need to be available to commit to the project in the time frame proposed and subsequent personnel substitutions will require NY State approval. Additionally, discuss any NYSDOT and/or NYSERDA contracts awarded to the proposer in the past five years and identify the associated NY State project managers.

To the extent that proposed Category 5 activities include the use of any existing intellectual property (IP) assets, the proposer must describe the IP and provide details identifying any granted patents or pending applications related to the IP. If the proposer does not own the relevant IP, but is a licensee of the IP, then the proposal must specifically identify and describe any relevant license agreements. Proposers are encouraged to provide copies of relevant IP license agreement(s) and/or letter(s) of support from licensors as attachments to the proposal. To the extent any of the above represents non-public information, please refer to the "Proprietary Information" section in Article V below.

- 7. Project Benefits (one to two pages). Discuss how the proposed project will reduce GHG emissions and transportation energy in NY State and estimate the potential improvement. Quantify any additional project benefits to the extent possible: mobility and reliability benefits (e.g., congestion reduction, mode shifting, reduced travel variability, etc.), environmental benefits (e.g., emission reductions, minimizing hazardous materials, etc.), economic benefits (e.g., jobs created or retained, reduced life-cycle costs, enhanced economic viability, etc.), safety and security benefits (e.g., reduction in deaths, injuries and real property losses, etc.), and other benefits (e.g., cost of compliance with State or Federal regulations, enhanced quality of life issues, etc.). Describe the methodology that will be used to collect the necessary data and quantify the project benefits.
- **8. Path to Market Acceptance (one page).** Provide evidence that relevant stakeholders are interested in the technology being investigated. Explain how they would benefit from the technology being widely introduced in New York State and why they would be likely to favor that adoption over alternatives. Describe the barriers standing in the way of broad acceptance of the technology being studied and explain how the project will educate stakeholders about ways to avoid or break down these barriers. Characterize a plausible path to broader adoption of the technology, including a description of the resources and stakeholders that must be engaged to accomplish this.
- **9. Budget**. A Contract Pricing Proposal Form (CPPF), with associated instructions, is provided as Attachment C to this PON. <u>Each proposal must include a completed CPPF and also a cost-sharing table (see example below) identifying the allocation of funding by task. The net cost to NY State is one of the evaluation criteria and will be closely considered. The value of NY State funds could be reduced through greater efficiencies or through cost sharing where other funds substitute for NY State funds.</u>

Cost Sharing. All proposals must provide additional funding as cost share and this shall be an important evaluation criteria. Category 2 proposals seeking more than \$100,000 of NYS funds and Category 5 proposals seeking more than \$350,000 of NYS funds are required to provide a minimum of 35% of the total project cost as cost share. All other proposals must provide a minimum of 25% of the total project cost as cost share. For example, proposals seeking \$75,000 of NYS funds are required to provide a minimum of \$25,000 in cost share, which is 25% of the total project cost of \$100,000.

Cost share cannot include expenses that have already been incurred and NY State funds cannot pay for efforts that have already been undertaken or be used to reimburse or replace normal expenses of other government organizations.

Contributions of direct labor (for which the laborer is paid as an employee) and purchased materials may be considered "cash" contributions. Unpaid labor, indirect labor, or other general overhead may be considered "in-kind" contributions. For example, labor may be provided at discount rates, while products for commercial demonstration may be provided at a significant discount or "at cost" to the project. It is the responsibility of the proposer to adequately document the level of cost share being provided from all sources. If funded, the proposer will also need to provide cost share documentation with each invoice submitted. NY State funds will not pay for efforts that have already been undertaken. Show the cost sharing plan in the following format within your proposal.

PROPOSAL COST SHARIN	G TABLE (expa	ind as needed)			
Proposed Funding By Task (Project Total				
Funding Source	Task 1 (\$)	Task 2 (\$)	Task 3 (\$)	 Cash (\$)	In-Kind (\$)
NY State					
Proposer					
Co-Funder (identify)					
Co-Funder (identify)					
Task Total (\$)					

Indirect Costs. Attach supporting documentation to support indirect cost (overhead) rate(s) included in your proposal. Describe the basis for the rates proposed (i.e., based on prior period actual results; based on projections; based on federal government or other independently approved rates). If the rate(s) is approved by an independent organization, such as the federal government, provide a copy of such approval. If the rate(s) is based on estimated costs or prior period actual results, include calculations to support proposed rate(s). Calculations should provide enough information for NYSERDA to evaluate and confirm that the rate(s) are consistent with generally accepted accounting principles for indirect costs. NYSERDA reserves the right to audit any indirect rate presented in the proposal and to make adjustment, if warranted. Requests for financial statements or other financial information may be made if deemed necessary.

10. Annual Metrics Reports. If awarded, the proposer will be required to submit to NYSERDA's Project Manager on an annual basis, a prepared analysis and summary of metrics addressing the anticipated energy, environmental and economic benefits that are realized by the project. All estimates shall reference credible sources and estimating procedures, and all assumptions shall be documented. Reporting shall commence the first calendar year after the contract is executed. Reports shall be submitted by January 31 for the previous calendar year's activities. Please see Attachments E1, E2, and E3: Sample Metrics Reporting Guides for the initial metrics that you will be expected to provide and the reporting duration.

It will be the responsibility of the awarded proposers to use the most current version of the metrics reporting guides, which are housed on the NYSERDA website. The guides may change as NYSERDA's needs evolve over time. Additionally, awardees are expected to cooperate with NYSERDA evaluation as needed during and after completion of the project, these activities will ensure that the NYSERDA transportation projects are both effective and responsive to the needs of the market. NYSERDA may decline to contract with awardees that are delinquent with respect to metrics reporting for any previous or active NYSERDA agreement.

11. Appendices. Include any resumes, company qualifications, or ancillary information which is deemed necessary to support your proposal. Also include Letters of Commitment and Letters of Support.

Requirements. Proposals will be reviewed by a Technical Evaluation Panel (TEP) and will be scored and ranked according to the Evaluation Criteria listed below. A negative response to any one of the questions identified below may eliminate the proposal from further consideration. Does the proposal:

- ✓ Have the potential to reduce GHG emissions and transportation energy use in NY State?
- ✓ Adequately document the commercial availability and/or underutilization of the technology/strategy to be demonstrated?
- ✓ Provide the minimum required amount of cost share by the proposer or third parties?
- ✓ Provide additional mobility and reliability, environmental, economic, safety and security benefits in NY State?
- ✓ Provide Letters of Commitment/Support from all co-funders/key stakeholders?

All five funding categories will be evaluated together. After the proposals are reviewed, NYSERDA will issue a letter to each proposer indicating the proposal evaluation results. Proposers receiving favorable evaluations will be invited to enter into contract negotiations with NYSERDA. The proposer will be required to submit a detailed statement of work, budget, and schedule, and may be asked to address specific questions or recommendations of the TEP before contract award.

Evaluation Criteria.

- Proposed Solution/Scope. How significant is the issue or opportunity for NY State? Is it likely to be adopted and result in NYS benefits? If a demonstration, is the technology/strategy truly commercial and/or underutilized in NY State? Is the proposed work plan technically feasible, innovative, and superior to potential alternatives? Has the proposer demonstrated that the technology being studied is something that stakeholders are interested in implementing and does the proposer identify a path to market acceptance and economic viability? Is there a path for it to be replicable beyond a single demonstration?
- ➤ **Project Benefits.** How significant is the statewide potential for NYS transportation energy and GHG reductions? Are the expected benefits likely to be realized, given other constraints or barriers? Are there additional significant mobility, reliability, environmental, economic, safety, and security benefits? If adopted, will there be economic benefits in NY State in the form of subsequent manufacturing or technical service activity? Are the processes for estimation of benefits in preparation of the project, during project implementation, and post project implementation are clearly explained and reference defensible sources or reliable measurement methods?
- Proposer(s). To what degree does the team have relevant and necessary technical and business background and experience? If a Collaborative Partnership, is it truly significant? Does the team include NY State businesses, thereby providing economic benefits in the form of NYS jobs? Does the proposal contain Letters of Commitment from all essential participants, co-funders, and related businesses and other organizations?
- ➤ **Project Outcome and Cost.** Is the overall project cost justified based on the expected benefits? Relative to the project cost, how significant are the potential benefits? Has the minimum cost share requirement (25% or 35%) been met? How appropriate are the proposer's cost share contributions (sources and amounts) with respect to their potential to benefit from the work and the financial status of the proposing organization and project team?
- ➤ Other Considerations. Proposals will be reviewed to determine if they fit well within the selected Focus Area and that they have been submitted to the proper Funding Category. The proposal's fit with New York's overall objectives will also be considered, including: risk/reward relationships, similar ongoing or completed projects, and the general distribution of transportation research projects among industries, organizations, and locations in NY State.

Proprietary Information. Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes.

The NYS Freedom of Information Law, Public Officers Law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause <u>substantial injury to the competitive position</u> of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501. http://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx

However, NYSERDA cannot guarantee the confidentiality of any information submitted.

Omnibus Procurement Act of 1992. It is the policy of New York State to maximize opportunities for the participation of NY State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development / Division for Small Business 625 Broadway, Albany, NY 12207

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development / Minority and Women's Business Development Division 625 Broadway, Albany, NY 12207

State Finance Law sections 139-j and 139-k. NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at: http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html.

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a. NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at:

http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Contract Award. NYSERDA anticipates making multiple awards under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Attachment A: Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately ten weeks from the proposal due date, whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

Limitation. This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

Disclosure Requirement. The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the NY State Department of Labor.

VI. ATTACHMENTS

Attachment A - Proposal Checklist

Attachment B - Disclosure of Prior Findings of Non-Responsibility Form

Attachment C1 - Contract Pricing Proposal Form and Instructions

Attachment C2 - Contract Pricing Proposal Form (Excel)

Attachment D - Sample Agreement

Attachment E1 - Information Dissemination Metric Reporting Guide

Attachment E2 - Implementation/Demonstration Metrics Reporting Guide

Attachment E3 - Business Development Metrics Reporting Guide

Attachment F - Instructions for Electronic Proposal Submission

New York State Energy Research and Development Authority (NYSERDA) Cleaner, Greener Communities (CGC) Program, Phase II Implementation Grants, Round 3 Program Opportunity Notice (PON) 3106

Funding Available: Up to \$30 million

APPLICATION DUE DATES

Category 1 – Incentive Applications (open enrollment): NYSERDA will continue to accept applications through the existing program, PON 2721 - Category 1, which was released in 2013, until 4:00p.m. Eastern Time on September 30, 2019, until funds are exhausted, or until the solicitation is revised by NYSERDA, whichever comes first. Category 2 – Flexible Funding Pilots (Rolling Applications - Competitive): NYSERDA will continue to accept applications for Category 2 under PON3106 on a rolling basis until 4:00p.m. Eastern Time on September 30, 2019, until funds are exhausted, or until the solicitation is revised by NYSERDA, whichever comes first.

Category 3 - Community-Scale Sustainability Projects (Due Date Competitive): Applications for Category 3 under PON3106 are due by 4:00p.m. Eastern Time on July 31, 2015.

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INTRODUCTION

The Cleaner, Greener Communities (CGC) Program was announced by Governor Cuomo in his 2011 State of the State address as a competitive grant program to encourage communities to develop and implement regional sustainable growth strategies. The CGC Program builds on the Climate Smart Communities Program, which was established in 2009 by the New York State Department of Environmental Conservation and the New York State Energy Research and Development Authority (NYSERDA) as a network of local governments across New York that have committed, by voluntarily adopting the Climate Smart Communities Pledge, to reduce their greenhouse gas (GHG) emissions and to prepare for unavoidable changes in climate. The CGC Program provides enhanced support for development and implementation of regional sustainability plans to help ensure that New York State's (NYS) ongoing and substantial investments in infrastructure help to shift communities and NYS as a whole toward a more environmentally and economically sustainable future. The primary goal of the CGC Program is to encourage communities to create public-private partnerships and develop regional sustainable growth strategies in such areas as emissions control, energy efficiency, renewable energy, low-carbon transportation, and other carbon reductions. Phase I of CGC provided funding to the 10 Regional Economic Development Council (REDC) regions in NYS for the development of Regional Sustainability Plans. Phase II of CGC (CGC II) offers grant funding for projects that support the goals of each region's respective sustainability planning effort. This solicitation, PON3106, is the third and final round in a series of funding rounds to support these types of projects. A total of \$90 million in potential funding awards is available over the three-year life of the CGC Program. The CGC Program is funded with proceeds from the Regional Greenhouse Gas Initiative (RGGI), the purpose of which is to lower carbon emissions in the participating states.

PROGRAM DESCRIPTION

Through Round 3 of CGC II, NYSERDA is offering competitive grants for the implementation of market-transforming sustainability initiatives and projects that accelerate the adoption of sustainable planning and development practices, are innovative, create multiple community benefits, reduce carbon emissions, leverage public and private resources, and propel NYS toward an environmentally and economically vibrant and resilient future. Funding will support policy and plan development, technical assistance, and implementation of projects and initiatives that have the ability to be inspirational and replicated to expand market adoption and overall impact. Funding will also support communities taking action to move toward a self-sustaining clean energy future. Projects will stimulate environmentally sustainable economic growth consistent with the CGC Phase I Regional Sustainability Plans and REDC Strategic Plans. These projects will be holistic in nature, exhibit positive impacts at a scale larger than typical NYSERDA-funded projects, and contribute to an improved quality of life through a systems approach of connecting the natural, built, and human environments. Projects and initiatives selected under CGC II will not only save energy and reduce carbon emissions; they will also make NYS a better place to live, work, and do business.

All projects must demonstrate a contribution to the reduction of carbon emissions either through direct outcomes or indirect influence in areas such as future growth and development patterns. Finally, CGC II is a unique program that should fill gaps and leverage other sources of funding in ways that could not otherwise be accomplished. Round 3 of CGC II is flexible in that it supports a variety of project types; however, it is focused in its priority objective of achieving significant market transformation to reduce carbon pollution.

FUNDING CATEGORIES - SUMMARY

Category 1 – Photovoltaic and Electric Vehicle Supply Equipment Permitting Incentive Applications (Open-Enrollment): This category is a continuation of Category 1 in NYSERDA PON 2721, which was released in 2013. Please reference the Category 1 Fact Sheet, which can be found at the CGC Guidance Documents webpage, for more detailed program requirements and application instructions. Approximately \$1 million is available for communities to adopt streamlined permitting and other ordinances for photovoltaic systems and electric vehicle charging stations, with awards of up to \$10,000 per applicant. NYSERDA may add other permitting or model ordinances as they become available for communities to adopt and apply for incentives under this category.

NYSERDA will continue to accept applications through the Consolidated Funding Application for Category 1 until 4:00p.m. Eastern Time on September 30, 2019, until funds are exhausted, or until the solicitation is revised by NYSERDA, whichever comes first.

Category 2 - Flexible Funding Pilots (Rolling Applications - Competitive): Up to \$5 million will be available to communities for assistance with completing transformative clean energy and sustainability projects that have both an immediate and long-term impact on carbon mitigation. In order to qualify for funding, municipalities will have to complete four of six Steps in order to submit an application for funding. These projects will prepare a community, region, or project for a more sustainable and resilient future; thereby creating direct or indirect community benefit and carbon reductions. This category is intended to be flexible in that NYSERDA may periodically add and remove eligible project types based on the needs identified in the market over time. Any changes will be communicated on the CGC Guidance Documents webpage. Projects must be ready to commence within three months of NYSERDA award notification and should be completed within three years of contract execution. Applicants may not commence work on any portion of the project until there is a fully executed contract with NYSERDA. Awards will range from \$25,000 to \$250,000 per project, with a cap of \$250,000 per applicant per year and a 25% minimum cost share requirement. Award amounts will be primarily based on the innovative and transformative merits of the application in its ability to advance energy efficiency, renewable energy, or carbon mitigation as well as economic development benefits. NYSERDA will continue to accept applications for Category 2 on a rolling basis until 4:00p.m. Eastern Time on September 30, 2019, until funds are exhausted, or until the solicitation is revised by NYSERDA, whichever comes first. For specific application requirements, please see the section of this document entitled "FUNDING CATEGORIES - DETAILED PROGRAM REQUIREMENTS."

Category 3 – Community-Scale Sustainability Projects (Due Date Applications - Competitive): Up to \$25 million will be available for community-scale sustainability projects that are innovative and transformational in their contributions to advancing energy efficiency, renewable energy, or carbon mitigation, as well as economic development benefits; thereby creating direct community benefit and reduction of carbon emissions. Project types include showcase or anchor construction projects, as well as innovative projects or programs that stimulate market transformation. Projects must be ready to commence within three months of NYSERDA award notification and should be completed within three years of contract execution. Applicants may not commence work on any portion of the project until there is a fully executed contract with NYSERDA. Awards will range from \$500,000 to \$3 million per project with a 25% cost share requirement. Award amounts will be primarily based on the innovative and transformative merits of the application in its ability to advance energy efficiency, renewable energy, or carbon mitigation as well as economic development benefits. Proposals for Category 3 are due by 4:00p.m. Eastern Time on July 31, 2015. For specific application requirements, please see the section of this document entitled "FUNDING CATEGORIES – DETAILED PROGRAM REQUIREMENTS."

FUNDING CATEGORIES – DETAILED PROGRAM REQUIREMENTS

CATEGORY 1: PHOTOVOLTAIC AND ELECTRIC VEHICLE SUPPLY EQUIPMENT PERMITTING INCENTIVES

This category is a <u>continuation</u> of Category 1 in NYSERDA Program Opportunity Notice (PON) 2721, which was released in 2013. Please reference the Category 1 Fact Sheet, which can be found at the CGC <u>Guidance</u> <u>Documents</u> webpage, for more detailed program requirements and application instructions. Approximately \$1 million is available for communities to adopt streamlined permitting and other ordinances for photovoltaic systems and electric vehicle charging stations, with awards of up to \$10,000 per applicant. NYSERDA may add other permitting or model ordinances as they become available for communities to adopt and apply for incentives under this category. NYSERDA will continue to accept applications through the <u>Consolidated Funding Application</u> for Category 1 until 4:00p.m. Eastern Time on September 30, 2019, until funds are exhausted, or until the solicitation is revised by NYSERDA, whichever comes first.

ELIGIBLE APPLICANTS - CATEGORY 2

Local governments (county, city, town, village, or Indian tribal government or nation located within NYS) in New York State are eligible to apply for funds. Municipalities may form partnerships and submit a joint proposal, but one entity must be identified as the lead applicant on behalf of the group or consortium. All involved municipalities must meet the eligibility criteria outlined in the section of this document titled "Category 2 Project Eligibility: Required Steps." A single municipality, or a group or consortium of municipalities, may choose to designate a non-municipal entity (private, non-profit, etc) to be the lead applicant, but the lead applicant must provide letters of support from each municipality involved in the project. The lead applicant, if successful, will have a contractual obligation to NYSERDA and will act as the main point of contact for NYSERDA for all project-related matters.

ELIGIBLE APPLICANTS - CATEGORY 3

Local governments (county, city, town, village, or Indian tribal government or nation located within NYS), private companies, non-governmental organizations, and other entities with projects located in New York State are eligible to apply for funds. NYS governmental or quasi-governmental agencies, authorities, or entities are NOT eligible applicants. Public-private and public-public partnerships are encouraged to maximize the opportunity for innovation, impact, and leveraging of other sources of funds. Applicants may form partnerships and submit a joint proposal, but one entity must be identified as the lead applicant on behalf of the group or consortium. NYS governmental or quasi-governmental agencies, authorities, or entities may be project partners, but cannot be the lead applicant and cannot contribute funding toward any required applicant cost share. The lead applicant, if successful, will have a contractual obligation to NYSERDA and will act as the main point of contact for all project-related matters.

CATEGORY 2: FLEXIBLE FUNDING PILOTS

Funding Available: \$25,000 to \$250,000 per project with a 25% minimum cost share requirement

Category 2 Project Eligibility: Required Steps

In order to qualify for funding, all Category 2 applicants must first complete four of six relatively low-cost Steps and submit proof of completion for each Step. The six Steps, including more information on how to meet the requirements for each Step, are outlined in the PON3106 – Category 2 Required Steps and Project Types document, which can be found on the CGC Guidance Documents website. Required Steps and eligible Project Types are subject to change. NYSERDA will communicate any changes on the CGC Guidance Documents website.

Applicants may request a pre-review of the documentation of completion of required Steps by sending an email, with all requested documentation attached, to CGC@nyserda.ny.gov.

Note that applicants may be eligible to earn points towards certification through the <u>Climate Smart</u> <u>Communities (CSC) Certification Program</u> by completing the Steps and for completing one or more projects under this category.

Category 2 Project Eligibility: General Eligibility Criteria

Eligible applicants may choose to include only one specific project in their application, but proposals targeting multiple projects or initiatives are also eligible under this category. All proposals must demonstrate how initiatives are innovative, support local or regional sustainable economic development, and will serve to transform future market practice in a manner that will have multiple long term community benefits and reduction of carbon emissions.

Applicants may request between \$25,000 and \$250,000 of NYSERDA funding per project, with a cap of \$250,000 per applicant per year. NYSERDA may make award offers at amounts lower than those for which the applicant proposed pursuant to the scope and merit of the proposal received, but will not make awards less than \$25,000. NYSERDA, in order to avoid double-funding projects or measures within projects, may also adjust awarded funding amounts at any time based on new information regarding other project funding secured. A minimum cost-share of 25% of total project cost is required. For example, if an applicant requests \$75,000 from NYSERDA, the applicant must also commit a minimum cost share of \$25,000, for a total minimum project cost of \$100,000. The applicant cost-share and the NYSERDA share must contribute to the same project or tasks within the project intended to reduce carbon emissions, promote energy efficiency, or increase use of renewable energy. All proposed cost-share must be confirmed by signed commitments from contributing parties. Other NYS funding sources, including other NYSERDA funding, shall not count toward the proposer's cost-share. Cost share may include private equity, private or federal grants, loans, in-kind or volunteer services documented in dollar value, or other non-NYS government funding sources. For the purposes of this solicitation, "NYS government funding" is defined as a grant or an incentive that is received from a NYS governmental entity. This funding cannot be counted as any portion of the applicant cost share. For the purposes of this solicitation, annual NYS funding going toward standard operating costs for an organization is not considered "NYS government funding."

Applications will be evaluated based on the degree to which the project supports the criteria outlined in the section of this document entitled "Category 2 Selection Criteria." Applicants may not commence work on any portion of the project until there is a fully executed contract with NYSERDA. This shall include any activity funded by NYSERDA or other activity included as part of the proposed applicant cost share. Projects must be ready to commence within three months of award notification and should be complete within three years of contract execution. Applicants are required to append a proposed scope of work, including a budget and project timeline, with their application. Applications that do not include the required appendix with complete information in the format requested will be deemed ineligible. Applicants must also agree, or provide written exceptions, to NYSERDA's standard contracting Terms and Conditions, which can be found on the CGC Guidance Documents webpage. NYSERDA reserves the right to condition awards pending applicant acceptance of industry-appropriate or other NYSERDA program equipment performance, measurement and verification, or commissioning requirements that are not specifically outlined in this guidance document. Applicants with projects that contain measures that are eligible for existing or upcoming NYSERDA programs will be required to meet the performance specifications outlined in those programs. NYSERDA may reach out to applicants via email with specific follow-up questions after reviewing proposals. Should NYSERDA request additional information, applicants will have five business days to respond in order for that information to be considered in

the evaluation process.

Category 2 Eligible Project Types

Subject to the approval of the required documentation for four of the six required Steps referenced above, applicants may apply for funding for one or more of the eligible project types outlined in the PON3106 – Category 2 Required Steps and Project Types document, which can be found on the <u>CGC Guidance Documents</u> website. Brief descriptions of each project type are included within this document and applicants may be eligible to earn points towards certification through the <u>CSC Certification Program</u> for completion of one or more of the project types.

All project proposals must demonstrate how projects support local or regional sustainable economic development, and will serve to transform future market practice in a manner that will have multiple long term community benefits and reduction of carbon emissions.

Category 2 Ineligible Project Types

Projects that are not listed under the section of this document entitled "Category 2 Eligible Project Types."

Category 2 Application Process

Applications will be accepted through the <u>Consolidated Funding Application (CFA)</u>. NYSERDA will continue to accept applications for Category 2 on a rolling basis through September 30, 2019, until funds are exhausted, or until the solicitation is revised by NYSERDA, whichever comes first. A separate CFA must be completed for each project.

Category 2 Selection Criteria

Projects will be scored and awarded on a competitive, rolling basis. No project or applicant is guaranteed funding. However, no one applicant may receive more than \$250,000 per year. NYSERDA may condition awards upon applicant acceptance of requests for minor modifications to project scopes to ensure that CGC Program goals are met. NYSERDA's selection criteria are based on the five program objectives outlined below, with a total number of available points allocated to each.

- Stimulate Market Transformation (20 possible points)
- Support Clean Energy and Sustainable Planning Projects or Services (20 possible points)
- Create Regional and Community Benefit (20 possible points)
- Leverage CGC Funds (20 possible points)
- Reduce Carbon Emissions (20 possible points)

Applications will be accepted on a rolling basis and reviewed by a small team of internal and external subject matter experts as outlined below.

- Review meetings will be held periodically, on at least a quarterly basis, depending on the volume of applications.
- Applicants must earn a minimum of 50% of available points in each program objective area to be considered eligible.
- To receive an eligibility determination in any given quarter, applications must be finalized and submitted through the CFA by the first business day of the last month of the quarter. Otherwise, applications will be reviewed the following quarter.
- Eligible applications will be awarded funding in the order in which they were received.

 NYSERDA reserves the right to reject proposals that would otherwise be eligible for other existing NYSERDA or other New York State funding opportunities. However, NYSERDA will assist the applicant in accessing those other funding opportunities.

Under each program objective area is a set of questions to provide guidance in responding to the program objective. Applicants do not need to respond to every guiding question and are encouraged to use other descriptions to demonstrate how their project meets each objective.

1. Stimulate Market Transformation (20 possible points)

- Does the initiative include the application of an innovative or new approach to plan or better prepare for a sustainable future?
- Does the initiative apply best practices from other regions or states that are not readily applied in the region or NYS? If so, give examples that are being duplicated.
- Does the initiative create the potential for replication and transfer to other regions or locales to create the potential for larger scale impact?
- Is a new planning practice, method or approach being introduced?
- Is the initiative inspirational in that it will engage and inspire stakeholders or stimulate action by others?
- Is the initiative a demonstration or pilot that has not been attempted previously?
- Is the initiative ready to begin? Provide a status of necessary approvals and any entitlements received.
- How will the initiative be shared or used to promote broader transformation and adoption in other communities?

2. Support Clean Energy and Sustainable Planning Projects or Services (20 possible points)

- Are new methods of sustainable planning practices being applied or introduced to the community? i.e., complete streets, form based codes, smart land use planning, etc.
- Are new or advanced clean energy technologies being applied or introduced to the community? i.e. LED street lighting, alternative fuel vehicles, anaerobic digesters, etc.
- Are sustainability and resiliency criteria included in the initiative? If so, provide references for sources or standards being utilized and why they were chosen.
- If pre-development project assistance is requested, how will the future project be enhanced in the area of sustainability through this specialized technical support? i.e., design charrette, community needs or vulnerability assessment, market or technical feasibility, surveys, etc.
- If subcontractors are to be used for the initiative how will they be selected to ensure they have the required expertise to address issues of energy efficiency, renewable energy, or carbon mitigation as well as economic development? i.e., credentials, certificates or other specialized training. Please note that if the applicant intends to select a subcontractor after an award by NYSERDA, then the applicant must follow NYSERDA's subcontracting requirements as detailed in Article V of the Sample Terms and Conditions, which can be found on the CGC Guidance Documents webpage.

3. Create Regional and Community Benefit (20 possible points)

- How will the initiative provide direct or indirect economic benefit to the region? i.e., jobs creation or retention, retention of local dollars through export substitution, increase income levels, new local dollars generated, etc.
- How will the initiative provide direct or indirect social value to the region? i.e., retention of cultural or
 historical assets, vulnerable populations addressed, improved access to community assets, expand
 educational opportunities, etc.

- How will the initiative provide environmental value to the region? i.e., enhance and protect natural assets, green infrastructure planning, restoration of ecological assets, etc.
- How will the impacted community be engaged in the planning and communications process for the initiative?
- *Is there local support for the initiative?* Please provide letters of support.
- Does the initiative align with the applicable Regional Sustainability Plan? What goals or Sustainability Indicators are being addressed?
- Does the initiative demonstrate an integrated approach with benefits across multiple areas of the locale or region?
- What efforts will be made to transfer knowledge and educate the broader community and region about the initiative?
- Is the project located in a Climate Smart Community, a Certified Climate Smart Community, an environmental justice area, a brownfield opportunity area, REDC Opportunity Agenda Area, or other relevant special areas?
- Is the project included in a NY Rising Community Reconstruction Program Plan or a NY Rising Countywide Resiliency Plan (For more information, please visit: http://stormrecovery.ny.gov/community-reconstruction-program)?
- **4.** Leverage CGC Funds (20 possible points): a minimum 25% non-NYS funded cost share must be demonstrated. In-kind and volunteer support documented as dollar equivalent may contribute to this requirement.
- How will CGC funds fill a unique initiative funding gap that cannot be filled elsewhere?
- What is the total initiative cost and what assumptions have been applied to develop this cost? i.e., is it based on actual bids, comparable initiatives, etc?
- What other funds (document both NYS government and non-NYS government funds) will be applied to this initiative and for what components? A minimum of a 25% non-NYS government funding cost share must be confirmed by signed commitments from contributing parties.
- What type of in-kind support will be provided and what is the estimated dollar value?
- What type of volunteer support will be provided and what is the estimated dollar value?
- If this is a pre-development initiative do you anticipate applying for future NYS project funding?
- How will this initiative leverage private investment dollars?
- How cost-effective is the initiative? i.e., what is cost per metric ton of carbon reduced (calculated as CGC Investment \$ per GHG Savings (MTCDE / year)?
- 5. Reduce Carbon Emissions (20 possible points): NYSERDA understands that many planning type initiatives may not have direct carbon emission reductions attributable to the initiative. Please respond to this objective based on either indirect or directly quantifiable carbon reductions based on the type of initiative proposed.
- Does the initiative provide a quantifiable reduction of carbon emissions? If so, provide the numbers and explain the methodology used to calculate the reduction.
- How does the initiative support and promote smart land use and growth principles?
- How does the initiative directly or indirectly reduce energy consumption or provide strategies/policies to achieve reductions?
- How does the initiative directly or indirectly increase deployment of renewable energy or provide strategies/policies to achieve increased deployment of renewable energy technologies?
- In what ways will the initiative modify or inform current policies or programs that may create barriers to energy use reduction or renewable energy deployment?

Category 2 Examples of Eligible Project Types

Please see the PON3106 – Category 2 Required Steps and Project Types document, which can be found on the <u>CGC Guidance Documents</u> website that outlines high-level hypothetical project descriptions to provide some examples of what NYSERDA considers "eligible" project types under Category 2. The hypothetical project type descriptions are not exhaustive, are not a list of preferred project types, and are intended only to provide an additional level of clarity. Applications for project type examples included are not guaranteed to receive funding and will be evaluated according to the aforementioned criteria along with every other application. Please contact <u>CGC@nyserda.ny.gov</u> with any questions.

CATEGORY 3: COMMUNITY-SCALE SUSTAINABILITY PROJECTS

Funding Available: Up to \$25 million

Category 3 Project Eligibility

Category 3 projects must fit into one of the two following descriptions. Research and development activities are not eligible.

1. Showcase or anchor construction projects that deliver one or more key elements of a defined sustainable neighborhood development effort. To be eligible, the effort must: (i) be either a project(s) identified as part of an approved neighborhood master plan that consists of several buildings OR an actual development project that consists of several buildings; (ii) meet prerequisites (see prerequisites below) for smart location, walkable streets, compact development, neighborhood connections, and green infrastructure and buildings; AND (iii) demonstrate that the project strategy has the potential to lead to replication or other spill-over effects.

Prerequisites for showcase or anchor construction projects:

A. SMART LOCATION

- a. Reinvests in existing neighborhoods, connects to adjacent development, is served by transit or neighborhood amenities, or cleans up a contaminated site
- b. Avoids habitats for endangered species or creates a habitat conservation plan
- c. Avoids wetlands and leaves a buffer of at least 100 feet
- d. Avoids prime agricultural land
- e. Avoids floodplains

B. WALKABLE STREETS

- a. Includes public-facing building entries (other than a parking lot) on 90% of building frontage
- b. Includes a minimum of 15% of street length with building-height-to-street-width ratio of at least 1 to 3
- c. Includes a minimum of 90% of street length with sidewalks
- d. Includes no more than 20% of street length with garage doors

C. COMPACT DEVELOPMENT

- a. Provides at least 7 dwelling units per acre for residential
- b. Meets a minimum 0.5 floor-area ratio for non-residential

D. NEIGHBORHOOD CONNECTIONS

- a. Includes streets or pathways into the development at least every 800 feet
- b. Includes at least 140 intersections per square mile
- c. If the project has no internal streets, is surrounded within a ¼ mile by an existing street network of at least 90 intersections a square mile

- d. Provides for bicycle paths and bicycle parking
- E. GREEN INFRASTRUCTURE AND BUILDINGS
 - a. Targets making 90% of building square footage a minimum of 10% more efficient than the energy code
 - b. Targets reducing water usage 20% over baseline requirements or use
 - c. Uses a green building rating system to certify at least one project building

For more detail regarding how to meet these pre-requisites, please reference the U.S. Green Building Council's Leadership in Environmental and Energy Design (LEED) for Neighborhood Development rating system¹.

- 2. Innovative projects or programs that either: (i) facilitate, develop, or expand a private-sector business model targeting delivery of community-wide clean energy services or sustainability projects as described in number 1 above; OR (ii) utilize innovative and well integrated community engagement or aggregation strategies to accelerate community-wide demand for clean energy projects or services. Eligible applicants must demonstrate their program's ability to affect or deliver impact at community scale, and how their program will facilitate the development of self-sustaining mechanisms for the applicable clean energy installations or services, or sustainability projects as described in number 1 above. Eligible project strategies or measures must reduce GHG emissions, and include, but are not limited to, the types described below:
 - A. Implementing an innovative financing mechanism
 - B. Implementing an innovative outreach or aggregation strategy
 - C. Providing scalable technical assistance services addressing specific market barriers
 - D. Other innovative projects or programs that break down market barriers

NYSERDA anticipates awarding projects that are innovative and transformational in their contributions to advancing sustainable development; thereby creating <u>direct</u> community benefit and reduction of carbon emissions. All projects must also support energy efficiency, renewable energy, or carbon mitigation. Projects for which the main goal is to increase deployment of Electric Vehicles (EVs) in New York State are eligible for bonus points.

Applicants must request \$500,000 to \$3,000,000 of NYSERDA funding per project. NYSERDA may make award offers at amounts lower than those for which the applicant proposed, pursuant to the scope and merit of the proposal received, but will not make awards less than \$500,000. NYSERDA, in order to avoid double-funding projects or measures within projects, may also adjust awarded funding amounts at any time based on new information regarding other secured project funding. A minimum cost-share of 25% of the total project cost is required. For example, if an applicant requests \$750,000 from NYSERDA, the applicant must commit a minimum cost share of \$250,000, for a total minimum project cost of \$1,000,000. The applicant cost-share and the NYSERDA share must contribute to the same project or tasks within the project intended to reduce carbon emissions, promote energy efficiency, or increase use of renewable energy. All demonstrated cost-share must be confirmed by signed commitments from contributing parties. Other NYS funding sources, including other NYSERDA funding, shall not count toward the proposer's cost-share. Cost share may include private equity or grants, loans, in-kind or volunteer services documented in dollar value, or other non-NYS government funding sources. For the purposes of this solicitation, "NYS government funding" is defined as a grant or an incentive that is received from a NYS governmental entity. This funding cannot be counted as any portion of the applicant cost-

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¹ http://www.usgbc.org/resources/leed-neighborhood-development-v2009-current-version

share. For the purposes of this solicitation, annual NYS funding going toward standard operating costs for an organization is <u>not</u> considered "NYS government funding." A retainage equal to 10% of the NYSERDA award will be withheld throughout the project and will be payable upon project completion and acceptance by NYSERDA of all required reporting.

Applications will be evaluated against one another based on the degree to which the project supports the criteria outlined in the section of this document entitled "Category 3 Selection Criteria." Applicants may not commence work on any portion of the project until there is a fully executed contract with NYSERDA. This shall include any activity funded by NYSERDA or other activity included as part of the proposed applicant cost share. Projects must be ready to commence within three months of contract execution and should be complete within three years of contract execution. Applicants are required to append a proposed scope of work, including a budget and project timeline, with their application. Applications that do not include the required appendix with complete information in the format requested will be deemed ineligible. Applicants must also agree, or provide written exceptions, to NYSERDA's standard contracting Terms and Conditions, which can be found on the CGC Guidance Documents webpage. NYSERDA reserves the right to condition awards pending applicant acceptance of industry-appropriate or other NYSERDA program equipment performance, measurement and verification, or commissioning requirements that are not specifically outlined in this guidance document. Applicants with projects that contain measures that are eligible for existing or upcoming NYSERDA programs will be required to meet the performance specifications outlined in those programs. NYSERDA may reach out to applicants via email with specific follow-up questions after reviewing proposals. Should NYSERDA request additional information, applicants will have five business days to respond in order for that information to be considered in the evaluation process.

Category 3 Ineligible Projects

Projects must meet eligibility requirements outlined in the section of this document entitled "Category 3 Project Eligibility." The following project types or measures are **NOT** eligible for Category 3 funding:

- Projects or measures within projects that are required by law or regulations
- Projects that have an aggregate adverse effect on indoor or outdoor air quality, carbon emissions, or public health in general
- Development, implementation, or funding of outreach, education, or technical assistance programs targeting municipal or other local governments that are not services being targeted under the below referenced Communities Local Support Framework preferred project type under this category.
- Natural gas, electricity, or other "fuel distribution or supply lines" including, but not limited to, gas pipelines and electricity lines. For the purposes of this solicitation, combined heat and power systems and district energy systems are not considered "fuel distribution or supply lines"
- Design and construction costs for projects comprised of only residential buildings consisting of between one and four units
- Research and development (R&D) or commercialization efforts for products, processes, or other activities
- Biomass heating or biomass energy generation equipment that combusts or gasifies any fuel other than
 premium wood pellets. Premium wood pellet biomass measures are eligible, but must comply with
 NYSERDA'S CGC Biomass Heating System Program Requirements, which can be accessed at the CGC
 Guidance Documents webpage. For the purposes of this solicitation, landfill gas energy generation
 equipment, bio-digesters, and the fuels produced as a result of their processes, are not considered
 biomass. Projects that duplicate or exceed the incentives available under the Renewable Heat NY
 Program are ineligible for funding under this solicitation. District heating biomass projects are eligible

but either must include a completed thorough feasibility study (if requesting funding for implementation) or request funding for completion of a thorough feasibility study (if requesting funding for design).

- Costs of consumables, including, but not limited to, fuels such as gasoline, wood pellets, fuel oil, and biodiesel
- Projects consisting of a single building that is not part of a larger (multiple buildings) approved community or neighborhood plan
- Projects focused on the installation of a single technology into a building or site
- Research studies

Category 3 Application Process

Applications will be accepted through the <u>Consolidated Funding Application (CFA)</u>. Applications for Category 3 are due by 4:00p.m. Eastern Standard Time on July 31, 2015. It is expected that resulting awards will be announced in Fall 2015. A separate CFA must be completed for each unique project.

Category 3 Selection Criteria

Projects will be scored and awarded on a competitive basis. No project, region, or applicant is guaranteed funding. No one project, region, or applicant may receive more than 25% of available Category 3 funding. NYSERDA may condition awards upon applicant acceptance of requests for minor modifications to project scopes to ensure that CGC Program goals are met. NYSERDA's selection criteria are based on the program objectives outlined below with a total number of points allocated to each.

- Stimulate Market Transformation (15 possible points)
- Support Clean Energy and Sustainable Development Projects or Services (15 possible points)
- Create Regional and Community Benefit (10 possible points)
- Leverage CGC Funds (10 possible points)
- Reduce Carbon Emissions (20 possible points)
- Preferred Eligible Project Types (5 possible points)
- Electric Vehicle Market Development Project Types (5 possible points)

Because proposals will be submitted through the CFA process, the REDCs will score projects based on consistency with their respective Regional Strategic Plan and the relative level of priority. The REDCs will provide 20% of the total score. NYSERDA will convene a Technical Evaluation Panel (TEP) to review and rank eligible proposals for technical merit pursuant to the project selection criteria noted below and to assign the remaining 80% of the score. NYSERDA reserves the right to adjust awards based on statewide portfolio or regional distribution needs. Under each program objective area is a set of questions to provide guidance in responding to the program objective. Applicants do not need to respond to every guiding question and are encouraged to use other descriptions to demonstrate how their project meets each objective.

- 1. Stimulate Market Transformation (15 possible points)
- Does the project include the application of an innovative or new approach to projects in the region or state of a comparable size and type?
- Does the project apply best practices or technologies from other regions or states that are not readily applied in the region or NYS? If so, give examples that are being duplicated.
- Does the project create the potential for replication and transfer to other regions or locales to create the potential for larger scale impact? To what extent does the proposer document the potential for replication?

- How will the project be promoted or used as an educational opportunity to transfer knowledge and stimulate future projects of this type?
- Does the proposal identify the anticipated market barriers, infrastructure deficiencies, and/or regulatory issues and propose solutions for how they will be overcome?
- Is a new technology, system, practice, method or approach being introduced?
- Is the project a demonstration or pilot that has not been attempted previously?
- What efforts have been taken to assess and reduce risk during implementation?
- Is the project inspirational in that it will engage and excite stakeholders or stimulate action by others?
- Will the project be ready to begin within 3 months of contract execution? Provide a status of necessary approvals and documentation of any entitlements received.

2. Support Clean Energy and Sustainable Development Projects or Services (15 possible points)

- Are new methods of sustainable design and construction being applied or introduced through the project?
- Are new or advanced clean energy technologies being applied or introduced to the community? e.g. LED street lighting and electric vehicles.
- Are sustainability and resiliency criteria included in the project? If so, provide references for sources or standards being utilized and why they were chosen.
- Does the project support and promote smart land use and growth principles?
- Has the project applied LEED ND or other equivalent sustainability rating systems? Include a summary of the score sheet results with an explanation on how it was derived.
- What features or strategies used in the project respond to regional Sustainability Indicators?
- If subcontractors are to be used for the project how will they be selected to ensure they have the required
 expertise to address issues of sustainability? e.g., credentials, certificates or other specialized training or
 project experience. Please note that if the applicant intends to select a subcontractor after an award by
 NYSERDA, then the applicant must follow NYSERDA's subcontracting requirements as detailed in Article V
 of the Sample Terms and Conditions, which can be found on the CGC Guidance Documents webpage.

3. Create Regional and Community Benefit (10 possible points)

- To what extent has the proposer demonstrated that the project will support economic development in the region or all applicable regions if a project overlays more than one REDC region?
- How will the project provide direct economic benefit to the region? i.e., jobs creation or retention, retention of local dollars through export substitution, increase income levels, new local dollars generated.
- To what extent has the proposer discussed the current state of the supply chain as well as anticipated changes in the next 6 to 12 months?
- To what extent has the proposer described targeted activities as well as anticipated changes in the next 6 to 12 months?
- How will the project provide direct social value to the region? i.e., retention of cultural or historical assets, vulnerable populations addressed, improved access to community assets, expand educational opportunities, etc.
- How will the project provide direct environmental value to the region? i.e., enhance and protect natural assets, green infrastructure, and restoration of ecological assets.
- How will the affected community be engaged in the planning and communications process for the project?
- Does the project provide benefits to a culturally diverse population that is inclusive of varying income levels, vulnerable populations, and mixed age populations?

- *Is there local support for the project? What approvals have been secured?* Please provide letters of support.
- Does the project align with the applicable Regional Sustainability Plan? What goals or Sustainability Indicators are being addressed?
- Does the project demonstrate an integrated approach with benefits across several areas of the project?
- What efforts will be made to transfer knowledge and educate the broader community and region about the project?
- Is the project located in a Climate Smart Community, a Certified Climate Smart Community, an environmental justice area, a brownfield opportunity area, REDC Opportunity Agenda Area, or other relevant special areas?
- Is the project included in a NY Rising Community Reconstruction Program Plan or a NY Rising Countywide Resiliency Plan? (For more information, please visit: http://stormrecovery.ny.gov/community-reconstruction-program)
- 4. Leverage CGC Funds (10 possible points):
- How will CGC funds fill a unique project funding gap that cannot be filled through other means?
- What is the total project cost and what assumptions have been applied to develop this cost? i.e., is it based on actual bids, and comparable projects?
- What other funds (document both NYS government and non-NYS government funds) will be applied to this project and for what components? A minimum of a 25% non-NYS government funding cost share funding must be documented. Please see the "Example Funding Breakout" below for one way a project may submit.
- What type of in-kind support will be provided and what is the estimated dollar value?
- What type of volunteer support will be provided and what is the estimated dollar value?
- How will this initiative leverage private investment dollars?
- How cost-effective is the initiative? i.e., what is cost per metric ton of carbon reduced (calculated as CGC Investment \$ per GHG Savings (MTCDE / year)?

5. Reduce Carbon Emissions (20 possible points):

- Does the project provide direct reduction of carbon emissions? What is the amount of reduction and how was it calculated?
- How does the initiative directly reduce energy consumption? What is the amount of reduction and how was it calculated?
- How does the project provide renewable sources of energy? What is the amount of renewable energy supplied and how was it calculated?
- Do the project plans include methods for evaluating the anticipated reduction in energy use and carbon emissions?

6. Preferred Eligible Project Types (5 possible points)

- Does the project fall under one of the preferred eligible project types in this solicitation?
- If so, to what extent has the applicant demonstrated that the project will meet the goals identified under that preferred eligible project type?

7. "Electric Vehicle Market Development" Project Types (5 possible points)

- Does the project fall under the preferred project type "Electric Vehicle Market Development?"
- If so, to what extent does the project include innovative solutions that will stimulate and expand the market for electric vehicle purchases in New York State?

- What will be the cost per new electric vehicle purchase generated by this project?
- How many new electric vehicle sales will result from this project?
- EV Market Development projects should expand EV adoption by using NYSERDA funds in a cost-effective manner. Successful projects will leverage significant private funds to match NYSERDA funds and should be able to demonstrate increased EV sales in the three years following the award. To be considered cost-effective, the proposed project should be able to generate additional new EV sales at a rate of one battery electric vehicle or more per \$3,000 of NYSERDA funds, or one plug-in hybrid vehicle or more per \$1,500 of NYSERDA funds.

Category 3 Examples of Eligible Projects

Preferred eligible project types:

The following project types outline what NYSERDA considers preferred "eligible" project types under Category 3. Although applications for these project types are not guaranteed to receive funding, they will be evaluated according to the aforementioned criteria along with every other project application and given preference over project types not listed in this section.

Electric Vehicle Market Development:

This preferred project type includes innovative solutions that will complement and not overlap with existing efforts stimulate and expand the market for electric vehicle purchases in New York State. For more information on NYSERDA's current efforts in electric vehicle market development, please visit

http://www.nyserda.ny.gov/chargeny. Potential examples of initiatives or projects under this category include:

- Community-based electric vehicle purchase incentives: Funding for the design and implementation of a program to reduce the purchase cost of electric vehicles to end-users and generate a sustained increase in demand for electric vehicles. This would involve development of a program to increase awareness, engage stakeholders, and offer incentives to market participants including municipalities, private companies, and/or residents. In their application applicants should detail their strategic approach for how this type of initiative can be implemented to increase electric vehicle sales in a cost-effective manner. Potential strategies could include:
 - o Incentives for consumer EV purchases paired with a multi-stakeholder, consumer-focused marketing and educational campaign and an effort to increase charging station access;
 - Community-based aggregation of electric vehicle purchases that raises consumer interest in electric vehicles through grassroots marketing and brings down the price of the cars for individual consumers through economies of scale;
 - Bulk electric vehicle purchasing collaborative for public and/or private fleets;
 - o Employers offering incentives to employees for purchasing electric vehicles coupled with the installation of charging stations at the business location for employee use; and
 - o Dealer engagement initiative to generate more widespread marketing of EVs and offer incentives to car dealers for selling more EVs.
- Model Electric Vehicle (EV) Communities or Regions: Applicants can apply to design and implement a model EV community or region project to offer a suite of incentives and services to accelerate the purchase of EVs in their community. These incentives and services can include: free parking for electric vehicles; reduced or free charging of electric vehicles at public charging stations; incorporation of EVs into car sharing fleets and public transit fleets; collaborative events with stakeholders such as employers, car dealers, and non-profits; integration of EVs into public and private fleets; and installation of new public charging stations. Applicants must include signed letters of support from the local government or local governments (if project targets several local governments) included in the project application.

Low-to-Moderate Income (LMI) Innovative Solutions

This preferred project includes innovative solutions that will complement and not overlap with existing efforts, including initiatives administered by NYSERDA, other New York State agencies, and utilities and serve as a pilot for potential expansion statewide for initiatives that show promise for increasing energy affordability and access to energy efficiency and clean energy solutions for LMI households and communities. Potential examples of initiatives or projects under this project type include:

- Affordability strategies, such as oil to gas conversions on a community scale or bulk fuel purchases for low-income consumers: municipalities can access the Empire State Purchasing Group bid system for bulk fuel purchases. Local governments could include fuel purchases for Home Energy Assistance Program (HEAP) recipients, with the procurement of municipal fuel purchases, thus decreasing the commodity cost and stretching the HEAP dollars. A bulk fuels purchase pilot should include strategies that offset greenhouse gas emissions associated with the bulk fuel source;
- Minimum efficiency standards for low-income rental housing (e.g. Housing Choice Voucher program):
 Under this project type, applicants could work with local governments and/or applicable state and federal affordable housing program administrators to establish energy efficiency standards for these units; and
- Aggregation or other innovative strategies to increase access to energy efficiency and clean energy services for LMI households and communities.

K-12 schools program

This preferred project includes innovative solutions that will complement and not overlap with existing efforts for K-12 schools, including initiatives administered by NYSERDA and other New York State agencies, such as the K-Solar Program. K-12 schools are a key element of a community and local governments should work together with these institutions to leverage clean energy education to community residents. Potential examples of initiatives or projects under this category for communities to work with K-12 schools include:

- Anchor Demonstration Projects: Funding available for implementation of energy efficiency and
 renewable energy projects at the school. This funding would include funding for educational
 components, such as educational kiosks and a plan for education and outreach on the benefits of the
 technology/project to the school and local community. This would allow the school to demonstrate the
 benefits of the technology implemented so that it can serve as an educational component for the school
 as well as the local community.
- Energy Manager and Energy and Sustainability Master Plan: Funding available for a sustainability and
 energy manager who would be charged with developing an energy and sustainability master plan for the
 school, tracking energy performance against goals defined in the master plan, and developing curriculum
 for energy and sustainability classes to be taught at the school, which could include student participation
 in identifying opportunities for energy improvements.

Communities Local Support Framework

The New York State Communities Partnership (NYSCP) is New York State's new, unified approach to driving clean energy action and energy literacy in local governments and communities across the state. As an inter-agency effort administered by NYSERDA, the NYSCP will streamline municipal and community access to currently diffuse state energy programs, resources, and tools. By working closely with municipalities, local partners, community organizations, and market actors, the NYSCP will leverage whole-community involvement in clean energy deployment, scaling the penetration of cost effective energy actions across the state. Under this preferred project type, NYSERDA seeks proposals from qualified organizations to provide regionally-based education, customer relationship services, and technical assistance to communities in support of the NYSCP as Regional Support Contractors (RSCs). Services to be provided by projects awarded under this project type may include, but not be limited to:

- 1. Increase participation in NYSCP related programs and initiatives.
- 2. Engage Local Partners that increase NYSCP's outreach and education in the Territory.
- 3. Assist communities with accessing other local, state and federal resources to assist in the execution of projects. Act as an ombudsman, assisting municipalities by facilitating introductions to community business development partners, investors or other agents of business growth and development.
- 4. Provide technical assistance and consulting services to communities undertaking advanced and high impact energy actions and projects. Examples of technical assistance services include:
 - a. Develop and customize existing templates, workbooks, checklists, and other guidance documents for communities to use to undertake activities and projects;
 - b. Meet with communities to assess clean energy progress to date and develop a plan prioritizing the next, most impactful step(s) or action(s);
 - c. Provide on-demand, but limited, technical support including, but not limited to, expert land use planning advice, assistance with basic energy efficiency and emissions calculations, explaining benefits of certain actions or projects in more detail.
- 5. Assist communities with becoming Climate Smart Communities (CSCs) and with CSC Program Certification.
- 6. Conduct consumer marketing and education about NYSCP programs to educate community leaders, business owners, and the general public on the benefits of energy efficiency and renewable resources.
- 7. Reporting and data management.

Applicants must apply to provide services in a minimum of three contiguous <u>Economic Development Regions</u> as defined by Empire State Development, with the exception of Long Island and New York City that can be its own combined service territory. Regions include: North Country, Capital District, Mid-Hudson, Long Island, New York City, Mohawk Valley, Southern Tier, Central New York, Finger Lakes and Western New York. More detail on this example project type, including potential services to be provided can be found in the Category 3 Example Statement of Work found on the CGC Guidance Documents website.

Other example eligible project types:

The following hypothetical project descriptions provide some examples of what NYSERDA considers "eligible" project types under Category 3. The hypothetical project descriptions below and additional list of project types that follow are not exhaustive, are not a list of preferred project types, and are intended only to provide an additional level of clarity. Applications for project examples or types included are not guaranteed to receive funding and will be evaluated according to the aforementioned criteria along with every other project application. Please contact CGC@nyserda.ny.gov with any questions.

LED Streetlights Community Aggregation Project

Organization XYZ is planning to work with the Villages of Model and Trial, the Town of Sample, the City of Sample, and the City of Example to implement an innovative group purchasing initiative for LED Streetlights. All communities either already own their streetlights or are planning to work with Utility ABC to take advantage of a newly launched LED rate tariff. Organization XYZ will work with Engineering Firm, PC, which specializes in lighting, to undertake a detailed inventory of all streetlights and to conduct a thorough Feasibility Study to determine if an LED streetlight conversion is desirable and economical in each community. For all communities with positive results from the Feasibility Study, Organization XYZ will work with Engineering Firm, PC and representatives from each of the communities to design a Request for Proposals (RFP) to solicit a qualified firm to install LED streetlights in each community, including final lighting design work. The RFP will include detailed requirements regarding different streetlight fixture specifications (maximum lumen out, color rendering, color temperature, uniformity, glare, etc), desired lighting controls (dimmability, emergency notification capabilities, etc), energy savings, and minimum investment payback periods. Organization XYZ will also work with Sample Financial Institution on behalf of the municipalities to design and secure a financing option that will allow each of the participating communities to maintain their current operational budgets and services without increasing taxes for their residents.

Neighborhood Watershed Green Streets Project

Example Neighborhood lies on a slope that backs into Example River and was built in the early 20th-century with a combined sanitary and stormwater sewer. A wastewater treatment plant abuts the river, treating sewage water before releasing it. The growing intensity of summer storms in recent years has caused an increase in both upstream sewer back-ups and direct overflow discharge into the river. This has resulted in recurring damages to public and private property, endangers human safety during and immediately after storms, and may be placing Example Water District at risk of a lawsuit for violating the Clean Water Act. As part of the recently completed Example Neighborhood Master Plan, which has achieved Stage 1 LEED ND certification, the District has put in place a plan to reduce the total load and peak loads on the sewer system and the treatment plant by installing green street features such as planted swales and connected vegetated detention basins. The plan also includes a program to assist homeowners who install green roofs and rain gardens on their property. Load reductions at the Wastewater Treatment Plant are expected to result in up to a 50% reduction in energy use for water treatment. Example Water District has partnered with Green Development, Inc. to seek assistance from the Cleaner, Greener Communities program for \$1.5 million of this \$6.25 million project, part of which will be covering green street features in upstream parts of the Neighborhood. The NYSERDA funding would support the green street feature development on two residential blocks and on a group of recently approved mixed use developments spanning 40 acres. The cost of construction for the new mixed use building developments is being paid for by Green Development, Inc. NYSERDA would also support the installation of energy improvement covering the incremental cost of installing LED street, path, and area lighting in the affected areas. This NYSERDA work would include the stormwater structures and rain gardens associated with the street layout and construction. Green Development would pay for the construction of the roads, improved pedestrian amenities, renovations to the buildings, and the stormwater conveyances to connect the green infrastructure for drainage; and connections for rooftop drainage to the new stormwater infrastructure. The Green Development group has identified two other sites in nearby Example 1 City and Example 2 City that have Brownfield Redevelopment Areas currently nearing completion of remediation for which the same type of development would be applicable. If successful, they intend to replicate the development described in the Example Neighborhood Master Plan at these two additional locations as well as undertake a statewide marketing campaign showcasing the benefits of the additional green project features.

Rooftop Solar Power Systems for Low-Income Housing Redevelopment Project in a High-Priority Area Example Community Developer seeks funding to help develop an abandoned 10-acre site into a mixed-use community featuring 300 rental apartment units with commercial space on the ground floor of all buildings. 35% of the units will be affordable housing and the rest will be rented at market rate. The site is located in a U.S. Department of Housing and Urban Development designated Qualified Census Tract making the Developer eligible for the Low Income Housing Tax Credit. As part of efforts to control costs for low-income residents and to enhance the quality of life for all residents, Developer intends to integrate enhanced pedestrian and public transportation amenities, such as wide sidewalks, pedestrian signaling, covered bus shelters and additional bus stops, on site water recycling, rooftop community gardens, energy efficiency, and technologies including solar thermal systems and solar photovoltaic panels. A gap analysis completed by Green Consulting Firm using the LEED ND rating system identified these project elements as opportunities to help the project achieve certification. However, the added cost of energy efficiency and green design features is difficult to include in low income housing. Developer has applied separately for other NYSERDA and US Department of Energy funding for the extra costs of energy efficiency design features. Preliminary design studies have estimated the total incremental cost of wider sidewalks, enhanced pedestrian signaling, and increased bus stops, which will increase pedestrian activity and reduce vehicle miles traveled in the area, at \$1 million. Developer is seeking \$750k in assistance from the Cleaner Greener Communities program for these amenities and will provide the remaining \$250k in sub-contracted services paid for by Developer. The total cost of the full construction project, including all building construction and enhanced energy and sustainability features, is estimated at \$20 million. As part of the LEED ND gap analysis, Green Consulting Firm determined that the project, as designed, meets all prerequisites for the program. Developer has registered the project and, pending the results of an updated cost-benefit analysis by the same firm, plans to pursue LEED ND certification for the project.

Sustainable Community Rent-to-Own Project

Low to medium income homes are often in older buildings that are not energy efficient. New, energy efficient homes are often out of reach financially for this population. Project Developer is seeking funding to finance construction, marketing and initial operation of a new, mixed-use rent-to-own condominium project in Example City. Project design, site acquisition and zoning permits have been completed for a 2-acre infill site that would feature 60 apartment units of varying size and 5,000 square feet of retail space. The proposed design has received Stage 1 LEED ND Conditional Approval, including points for planning of infrastructure energy efficiency, water efficiency, and on-site renewable energy production and water recycling. Under the Developer's proposed business model, a specially-created housing corporation would own and manage the apartments, retail space and landscape. Residents would be selected on income-based criteria, and would "purchase" an apartment with no money down and an agreed monthly rent payment, where a portion of each month's rent goes to paying for a predetermined "sale price". The buildings have been designed at a cost that enables the monthly rent for a unit not to exceed 30% of area median income for a family of four. Once total rent payments on a unit match the "sale price," the renter becomes a full owner and shareholder in the housing corporation, with the same rights as a condominium owner.

The project includes the following features:

- 60 apartment units for low to middle income households
- 5,000 square feet of retail space to provide walkable access to neighborhood services and jobs
- Stage 1 LEED ND conditional approval will plan for reduced energy/emission footprints of the development
- Innovative financing plan to facilitate home ownership by low/medium income heads of households

Arrangements have been made with Example Local Bank so that renters can obtain mortgages to become full owners once their total rent payments are equal to the previously agreed upon sale price. Project Developer is seeking a \$5 million grant from the Cleaner Greener Communities program to leverage a \$100,000 from the NYS Department of State Community Development Block Grant program plus Project Developer's initial \$2 million investment and to meet Example Local Bank's requirements for an \$8 million loan that will enable construction to begin within 3 months. Project Design is built on a scalable model to enable similar projects on sites 1 to 5 acres in size, and if successful Project Developer intends to reproduce this model on up to 5 pre-identified sites in Example Region and to showcase the design at industry trade shows at the state and national level.

Local Smart Grid Improvement Service

Example Utility has expressed a desire to strengthen grid capacity while reducing fossil fuel use at power plants and enabling customers to produce small-scale renewable energy using solar panels. However, due to stagnant revenue and outstanding debt, Example Utility does not have the capital to fully finance improvements that would allow the injection of excess power produced by homes and commercial buildings into a smart grid. If improvements were implemented, customers could receive discounts on their power bills based on injected power, providing a powerful incentive to install small-scale renewable energy production solutions on buildings. Example Renewable Energy Services, LLC (ERES), an electrical equipment and construction contractor based in Example City, NY, proposes to fill the gap by implementing smart grid improvements in targeted areas and sharing a portion of the resulting electricity bill discounts with customers who install new renewable power production capacity on their property. ERES seeks a \$900,000 grant from the Cleaner, Greener Communities program, matching a \$300k commitment from Example Utility, in order to launch this project in Example Pilot Area. As part of this project a formal, binding agreement on payments for renewable power production will be developed between Example Utility, ERES, and local property owners. The total project cost is \$1.2 million. If successful, ERES will scale this project to offer grid improvement services to utilities throughout New York State, without the need for any additional NYS subsidies.

Category 3: Example Funding Breakout

In the first hypothetical Category 3 example above, the applicant is proposing a \$6,250,000 project that is seeking \$1,500,000 from NYSERDA to help fund \$250,000 in engineering fees and an additional \$1,150,000 for the installation of energy efficient lighting, rain gardens, rooftop gardens, drainage conveyances, and appurtenant structures to lower energy use and reduce the discharge of water to a combined sewer system. The cost breakout is provided in the budget table below. The Community Master Plan focuses on the components of a complete neighborhood plan consistent with LEED-ND goals. An engineering supplement will provide plans for the construction of the stormwater structures, and the project will conclude with the actual construction of the lighting and the infrastructure required to connect the rooftops and street drainage to rain gardens.

Category 3: Example Schedule

A schedule, presented as a table or chart, should highlight the anticipated period of performance for each task, and key milestones should be displayed. A simplified example follows the funding breakout below.

Example Budget Disclosure

Project Component	Cost Share	Cost-Share Description	Other Funding	Other Funding Description	NYSERDA/Cleaner, Greener Communities Share	NYSERDA-Share Description	Total
Purchase and installation of LED street, path, and area lighting (incremental cost vs. traditional lighting)	\$20,000	Direct cash contribution from Example Community	n/a	n/a	\$200,000	NYSERDA funding will pay for remaining incremental cost of lighting fixtures	\$220,000
Engineering design	\$75,000	Sub-contracted Engineering support from the Example Water District, including utilization of the District's on-call engineering firm	n/a	n/a	\$150,000	NYSERDA funding will pay for the remainder of the engineering consulting	\$225,000
Construction of rooftop and rain garden infrastructure and connections to stormwater retention devices	\$0	n/a	\$155,000	Grant from New York State Department of Environmental Conservation	\$900,000	NYSERDA to pay for green infrastructure construction	\$1,055,000
Community redevelopment aid for porous pavement, renovations of old buildings, and district co-gen system	\$4,500,000	All construction of pavement, building renovations, purchase of energy equipment, and open space improvements will be paid by the District with a grant that has been approved by HUD.	n/a	n/a	\$250,000	NYSERDA funding will pay for the design and installation of the energy system renovations in existing buildings to ensure compatibility with the new district co-gen system.	\$4,750,000
Total:	\$4,595,000		\$155,000		\$1,500,000		\$6,250,000

Simplified example schedule

Project Task	Q1/Y1	Q2/Y1	Q3/Y1	Q4/Y1	Q1/Y2	Q2/Y2	Q3/Y2	Q4/Y2	Q1/Y3	Q2/Y3	Q3/Y3	Q4/Y3
Contract Executed /												
Completed												
Task 1: Project												
Administration, reports												
Task 2: Site plans and												
permitting												
Task 3: Construction												

SUSTAINABILITY INDICATORS

Anticipated benefits associated with CGC II projects under Categories 2 and 3 should be measured, to the extent feasible, using statistics tracked by sustainability indicators outlined in every Regional Sustainability Plan. Each successful applicant shall, throughout the course of the contract with NYSERDA, collect the required metrics described in the attached Project Benefits Metrics Report Template. Descriptions of these metrics are available in the Sustainability Indicator Guidance Document, which can be found on the CGC Guidance Documents webpage. To encourage consistent quantification methodology and adherence to the goals outlined in each Regional Sustainability Plan, project proposals shall also focus on sustainability indicators that were specifically targeted in the sustainability plan applicable to the region in which the project is located. Every project application must positively influence at least one sustainability indicator in its region's sustainability plan. Statewide initiatives should address at least one of the five required common indicators included in all Regional Sustainability Plans.

- Number of permanent jobs created (full-time equivalent [FTE])
- Energy cost savings/year (\$)
- Other investment (\$)
- Total energy savings by fuel type/year (million British thermal units[MMBTU]); and
- GHG savings/year (metric tons carbon dioxide equivalents [MTCDE]).

Project benefits should be estimated, with methods described in the Sustainability Indicator Guidance Document. These benefits should be reported using the Project Benefits Metrics Report Template and attached to the CFA. Both of these documents are available on the CGC Guidance Documents webpage. The benefits will be refined and demonstrated again in a final report prepared by each successful applicant at the conclusion of the project.

For more information on the Cleaner, Greener Communities Program or to reference your region's Regional Sustainability Plan, please visit http://www.nyserda.ny.gov/Statewide-Initiatives/Cleaner-Greener-Communities.aspx

GENERAL CONDITIONS

Proprietary Information: Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

Procurement Lobbying Requirements - State Finance Law sections 139-j and 139-k

NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a – NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available http://www.tax.ny.gov/pdf/current forms/st/st220td fill in.pdf). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA http://www.tax.ny.gov/pdf/current forms/st/st220ca fill in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Omnibus Procurement Act of 1992 - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division For Small Business 625 Broadway Albany, NY 12207

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207

CONTRACT AWARD

NYSERDA may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Category 2, 3 and 4 Sample Agreements to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal. Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

LIMITATION

This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

DISCLOSURE REQUIREMENT

The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

DISCLAIMER

Projects identified in the appendices and the content of the CGC Phase I Regional Sustainability Plans are meant to provide examples of potential ways to address the strategies identified in the reports and were submitted to the planning consortiums as part of the public outreach efforts by the consortium. These projects are in no way prioritized or guaranteed to receive funding through Phase II Implementation Funding of the CGC Program. Projects not listed in the appendices section or content of the plans will have equal opportunity to submit an application for funding through Phase II. Regardless of being listed in the plan, a CFA must be submitted in order to be considered for funding in CGC II. All projects must address the qualifications and eligibility requirements listed in this Guidance Document. NYSERDA reserves the right to issue revisions to this solicitation at any time. Any revisions will be announced and posted on NYSERDA's website at www.nyserda.ny.gov.

ADDITIONAL RESOURCES

All CGC program resources and guidelines can be found on the CGC Guidance Documents webpage at the following location: http://www.nyserda.ny.gov/cgc. NYSERDA may host an interactive online webinar-based information session to answer questions about this solicitation. Webinar information will be posted on NYSERDA's CGC Guidance Documents webpage. Within two weeks of the information session, NYSERDA will issue a "Frequently Asked Questions" document specific to this solicitation and will post it on this website. All other questions about this solicitation should be submitted to NYSERDA, in writing, at CGC@nyserda.ny.gov. Due to the large number of inquiries expected, NYSERDA may not be able to return phone calls.



Electric Power Transmission and Distribution (EPTD) Smart Grid Program

Program Opportunity Notice (PON) 3026
Up to a total of \$10 Million Available for Two Rounds

Proposals Due: February 18, 2015 by 5:00 PM Eastern Time *, Round 1
August 5, 2015 by 5:00 PM Eastern Time *, Round 2

All, or none of the available funds could be awarded in either round

The New York State Energy Research and Development Authority (NYSERDA) announces the availability of up to \$10 million in funds to support research and engineering studies, product development and demonstration projects that improve the resiliency, reliability, efficiency, quality, and overall performance of the electric power delivery system in New York State. Proposals must demonstrate significant statewide public benefit and quantify all energy, environmental and economic impacts. The primary objective of the program is to promote the development of a smart grid that accommodates a diverse supply of generation resources, enhances overall grid performance and enables customers to reduce costs, energy consumption, and environmental impacts.

Examples of preferred technologies include, but are not limited to, the following:

Advanced Monitoring, Measurement and Controls Transmission & Distribution Automation / Management Advanced Cabling / Conductors Distributed Energy Interconnections / Micro-Grids Innovative Data Analytics Grid Scale / Tied Energy Storage
Renewable / Distributed Energy Integration
Advanced System Modeling / Applications
Advanced Sensors / Devices / Systems
Innovative Demand Response Integration

NYSERDA is accepting proposals in the following categories:

Category	Total Project Cost Share		
Category A: Research Studies	25%		
Category B: Engineering Studies	25%		
Category C: Product Development	50%		
Category D: Demonstration Projects	50%		

Note: This solicitation does not include a per project funding limit. Awards may be unevenly distributed among categories based upon proposal evaluation, portfolio balance, and available funds.

Proposal Submission: Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this PON's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (https://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are located in that section as Attachment G to this PON.

If mailing or hand-delivering, proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing both a PDF or MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to: Roseanne Viscusi, PON 3026, NYS Energy Research and Development Authority, 17 Columbia Circle, Albany, NY 12203-6399.Programmatic questions should be directed to John Love, 518-862-1090 ext: 3317 (john.love@nyserda.ny.gov), or Michael Razanousky, 518-862-1090 ext: 3245 (michael.razanousky@nyserda.ny.gov). Contractual questions should be directed to Nancy Marucci, (518) 862-1090 ext: 3335 (nancy.marucci@nyserda.ny.gov).

No communication intended to influence this procurement is permitted except by contacting Michael Razanousky, (518) 862-1090 ext: 3245. Contacting anyone other than this Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

* Late proposals or proposals lacking the appropriate completed and signed Proposal Checklist will be returned. Faxed or emailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. Prior to preparing proposal for future rounds, proposer should contact NYSERDA regarding changes to solicitation. If changes are made to this solicitation, email notification will be sent to original distribution group as well as posted on NYSERDA's web site: www.nyserda.ny.gov and in the Contract Reporter.

I. INTRODUCTION

This Electric Power Transmission and Distribution Smart Grid Program solicitation is issued for specific technology areas including, but not limited to: energy storage; transmission and distribution automation and management; renewable energy integration; advanced monitoring and controls; distributed energy resource integration; microgrids; advanced sensors, devices and systems, advanced cabling and conductors, and advanced system modeling and applications. Activities include demonstration projects, product development and studies that improve grid resiliency, reliability, efficiency, quality, and performance as the delivery network accommodates clean energy technologies such as renewable power generation, electric vehicles, and efficient distributed generation systems. Projects that promote smart grid technologies, components and/or systems both within and outside of the six NY regulated electric service territories (Consolidated Edison, Orange and Rockland, New York State Electric and Gas, Rochester Gas and Electric, Central Hudson Gas and Electric, and National Grid) and meet the Program Requirements are eligible for funding under this solicitation. The program strives to coordinate its activities with the Reforming the Energy Vision initiative being pursued in New York State. All projects must demonstrate broad public benefit.

Proposals will be evaluated in select categories and scored on criteria listed in this solicitation. All of the proposals will be reviewed by a technical evaluation panel (TEP) consisting of both internal NYSERDA staff and outside technical experts. All proposals will be evaluated according to the quality and level of detail provided and must include substantive documentation addressing all evaluation criteria items.

II. PROJECT CATEGORIES

This solicitation includes four project categories. **The proposer must indicate under which category they are proposing.** Proposers should give careful consideration to which category they choose to propose under, as inappropriate choices negatively affect project selection results. Proposers are encouraged to contact NYSERDA (see cover page for instructions) with technical questions to promote complete understanding of the project categories as described below:

Category A: Research Studies (Proposer total project cost share at or above 25%.)

 Research aimed at exploring new policy, business models, regulatory planning and cost recovery models, advanced concepts, innovative product and/or technology development. Studies that will reduce barriers to the deployment of advanced technologies that improve the resiliency, reliability, quality and efficiency of the electrical power delivery system.

Category B: Engineering Studies (Proposer total project cost share at or above 25%.)

 Engineering studies that assess the feasibility, design and effectiveness of demonstrating new or underutilized technologies at a New York site. Studies are expected to ultimately lead to a project proposal under Category D: Demonstration Projects and are intended to support project development activity such as detailed design, site assessment, economic analysis, interconnection and permitting issues associated with potential demonstration projects that improve the resiliency, reliability, quality and efficiency of the electric power delivery system.

Category C: New Product Development (Proposer total project cost share at or above 50%.)

Development and commercialization of products for improving the resiliency, reliability, quality and
efficiency of the electrical power delivery system. Note that bench-scale testing and field verification or
testing may be included in Category C projects. Technical and economic feasibility of the technology should
have been demonstrated prior to submitting a Category C proposal. If they haven't, consider proposing in
Category A.

Category D: Demonstration Projects (Proposer total project cost share at or above 50%.)

• Demonstrations of new or under-utilized technologies that are past the technology readiness level 3 or abovestage. Projects in this category should not include technology or product development tasks. If technology or product development tasks are necessary, consider proposing in Category C. Projects in Category D should demonstrate innovative new or under-utilized products or technologies in pioneering applications. Proposals in this category should clearly identify how this project will bring the product or technology closer to commercial realization and how such demonstration will lead to increased use of the technology in New York State. Proposers must clearly identify whether the demonstration project will support either transmission or local distribution operations.

NOTE: NYSERDA reserves the right to negotiate scope of work, budget and funding levels on all awarded projects.

III. ELIGIBLE TECHNOLOGIES

Technologies eligible under this solicitation include innovative and under-utilized smart grid and other electric power delivery technologies that improve the resiliency, reliability, performance and efficiency. Potential technologies include, but are not limited to:

- (1) Transmission and distribution advanced monitoring and control systems and subsystems;
- (2) Innovative grid scale energy storage technologies including, but not limited to, stationary batteries, flywheels, ultra-capacitors, flow batteries, compression systems and superconducting magnetic energy storage;
- (3) Transmission and distribution automation and management systems and subsystems;
- (4) Processes, systems and technologies, such as micro-grids, that promote integration of renewable or distributed energy resources and electric energy storage technologies into the distribution system;
- (5) Innovative monitoring and control systems related to power delivery, such as remote or on-site monitoring and diagnostic systems, intelligent remote or on-site control systems to provide command and communication with power delivery systems equipment, or control systems;
- (6) Equipment that enhances reliability, efficiency, optimization, or enables integration of renewable power generation or storage technologies;
- (7) Advanced sensors, devices, control systems and other equipment innovations that improve transmission and distribution system performance and reliability;
- (8) Distributed and renewable energy integration and interconnection systems and subsystems;
- (9) Advanced systems modeling and applications, such as data processing, visualization, diagnostics and analytic technologies; and
- (10) Advanced conductor and cabling technologies to improve throughput and reduce losses.

IV. PROGRAM REQUIREMENTS

Projects selected for funding must:

(1) Address an innovative electric power delivery technology that improves performance, power quality, resiliency, or reliability.

- (2) Provide direct and quantifiable energy, environmental, and economic benefits to New York State such as emissions reductions (such as greenhouse gases and criteria air pollutants), job creation, product manufacturing and sales, increased resiliency and reliability, higher efficiency, and reduced electric costs.
- (3) Include a project budget using the attached Contract Pricing Proposal Form (CPPF) showing total project cost and proposer cost-share. Include a cost-sharing breakdown by project task in the Statement of Work.
- (4) Provide for the sharing of project success by agreeing to pay recoupment, where required, to NYSERDA for any new technology or product development project requesting NYSERDA funding over \$100,000 upon product commercialization, if applicable (see terms and conditions in Attachment F, Sample Agreement).
- (5) Demonstrate that the proposer and/or team of proposers are qualified to carry out the submitted project proposal.
- (6) Provide a strong rationale as to how the project will overcome barriers impeding the implementation or adoption of any new or under-utilized technology.
- (7) For projects that develop technologies or products, emphasize development and/or application of marketable products for near-term commercialization, rather than basic research, and provide a preliminary commercialization and marketing strategy, and discuss the potential for manufacturing in New York State.
- (8) For demonstration projects, clearly identify how this project will bring the product closer to commercial readiness and how such demonstration will lead to increased use of the product in New York State. Demonstration projects must be installed within New York State.
- (9) Provide a letter of support and commitment from all funding sources and entities responsible for managing, operating and maintaining all electric delivery infrastructure impacted by project.
- (10) Demonstrate that the project and funding request addresses a current challenge to technology evolution that is not being addressed adequately by current industry practices and/or federal and/or other state research priorities and funding. Include a cost and New York statewide public benefit analysis to justify allocation of funds.

Other Considerations

- A proposal may be considered non-responsive if it fails to comply with the requirements of this solicitation.
- Prior to an award being made, potential contractors may be required to demonstrate: access to financial
 resources sufficient to perform the proposed work, technical experience and adequate facilities (or the ability
 to access them), a good performance record, and the ability to qualify for an award under applicable laws
 and regulations.
- Preference will be given to proposers that provide higher cash contributions towards project costs.
- External funding partnerships are encouraged to leverage limited New York State resources. Proposers are
 encouraged to develop projects that leverage funding with external resources partners such as other
 research and development organizations.

V. ADDITIONAL PROGRAM REQUIREMENTS FOR CATEGORY D DEMONSTRATION PROJECTS ONLY

Category D projects selected for funding <u>must</u>:

- (1) Have a New York State demonstration site.
- (2) Be installed within 36 months of contract award.
- (3) Address safety issues, including public safety, that are applicable to the demonstration project.
- (4) Comply with all applicable building, fire, electrical, and interconnection codes, standards, and requirements.
- (5) Provide equipment sensors, instrumentation, and a complete data acquisition system for remote monitoring and reporting as specified below.
- (6) Demonstrate the technology viability and monitor the performance, characteristics, and benefits for a period adequate to meet project goals. If the period is under 18 months, the proposer must discuss why the proposed time is adequate. Unless the proposer demonstrates a compelling reason otherwise, at least 365 operating days of data will be required after commissioning.
- (7) Present an economic analysis of the proposed technology demonstration including an estimated cost/benefit ratio, and a plan to measure the actual cost/benefit ratio during the demonstration.

Data Acquisition Requirements for Category D Demonstration Projects Only

It is the intent of NYSERDA to provide system level operation and performance information, including economic performance information, to the general public on each of the demonstration projects funded under this solicitation. In order to meet this objective, each demonstration project must provide sufficient instrumentation and data transmittal, and analytical capabilities to allow the collection and analysis of technical and economic performance data.

The demonstration project proposal should include system operating data to be used for evaluation and generation of reports on the overall performance of the technology being demonstrated. Data acquisition sampling rates must be adequate to characterize the benefits and the value proposition of the proposed application. For example, sampling rates for applications designed to enhance power quality or system stability would be much higher than sampling rates for peak shaving or arbitrage applications. In the event that the demonstration system performs multiple activities, the system must provide for the collection of data for all activities. All raw and summary data collected at the project sites must be archived and protected from loss on permanent media.

Benefits Data Tracking and Reporting for Category D Demonstration Projects Only

Data sufficient to demonstrate the economic benefits defined in the proposal must be measured, collected, analyzed, and recorded. For applications that claim multiple benefits, the proposed data and analysis scheme must adequately support the claimed benefit for each of the benefits specified in the proposal.

Reporting Requirements for Category D Demonstration Projects Only

The proposal must identify the project team member who will be responsible for the preparation and delivery of periodic written project reports. System operational summary information must be generated regularly and be included in progress reports. At a minimum, the system operational summary information must include the following:

- Raw data.
- System performance summary.
- Summary of system reliability and failure rates.
- A written summary of the economic benefit derived for the time period.
- A written summary of all operations and maintenance activities for the time period.
- System dispatch information and use patterns associated with the project, as appropriate.
- Energy consumption breakdown of parasitic loads introduced by the demonstration system, as appropriate.
- System performance under typical utility fault conditions, e.g. lightning strikes, primary phase to ground faults, voltage sags/spikes, electric outages, etc., as appropriate.

System performance under user fault conditions, e.g. fault in customer plant, as appropriate.

Reports must be generated that consolidate all the information from the reports and summarize demonstration system performance for the preceding year.

Historical Performance Data Reporting for Category D Demonstration Projects Only

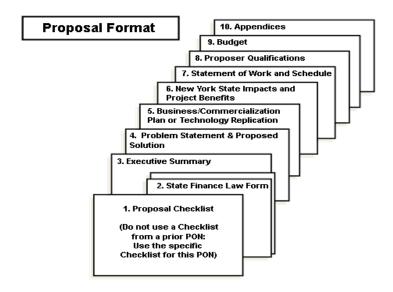
Where appropriate to document project benefits, historical utility system operational data prior to the installation of the demonstration system is required in order to provide credible baseline data on electrical system performance before and after the installation of the demonstration system. Information concerning load profiles, peaks, overloads, faults, power quality events, and any other information required to fully characterize the operation of the electrical utility at the demonstration site prior to installation of the demonstration system must be collected by the proposer for a reasonable period of time. Comparison information must be made part of the progress reports.

VI. PROPOSAL REQUIREMENTS

Proposal Submission: Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this PON's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are located in that section as Attachment G to this PON.

If mailing or hand-delivering, proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing both a PDF or MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to: Roseanne Viscusi, PON 2715, NYS Energy Research and Development Authority, 17 Columbia Circle, Albany, NY 12203-6399. Late proposals and proposals lacking the appropriate completed and signed Proposal Checklist may be returned. Faxed or e-mailed copies will not be accepted.

Proposals should not be excessively long or submitted in an elaborate format that includes expensive binders or graphics - double-sided prints with a staple in the upper left corner is the preferred format. Unnecessary appendices beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the proposer, the PON number, and the page number. **The proposal must be in the following format and sequence listed below** (suggested page limits for each section are shown in parentheses following the section title).



EXCEPT AS NOTED BELOW FOR CATEGORY C PRODUCT DEVELOPMENT PROPOSALS, ALL PROPOSALS MUST INCORPORATE THE FOLLOWING SECTIONS:

- 1. Proposal Checklist Complete the specific Proposal Checklist attached as part of this PON, and include it as the front cover of the original and each copy of the proposal. Please note the following:
 - Indicate whether you accept the standard terms and conditions as contained in the attached Sample
 Agreement. If you do not accept the standard terms and conditions, provide alternate terms with
 justification based on the risk and benefit to NYSERDA and New York State. NYSERDA reserves the right to
 reject proposals based on the nature and number of any exceptions taken to the standard terms and
 conditions of the Sample Agreement.
 - 2. Be sure the individual who is signing the Proposal Checklist is authorized to commit the proposer's organization to the proposal as submitted.
 - 3. Indicate to which category you are proposing on the proposal checklist. Each proposal will be considered for only one category of funding.
- 2. Procurement Lobbying Requirements State Finance Law sections 139-j and 139-k -- Procurement lobbying requirements contained in State Finance Law sections 139-j and 139-k became effective on January 1, 2006. (The laws are available at: http://www.ogs.state.ny.us/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html). In compliance with §139-j and §139-k of the State Finance Law, for proposals submitted in response to this solicitation that could result in agreements with an annual estimated value in excess of \$15,000, additional forms must be completed and filed with proposals: (1) a signed copy of the Proposal Checklist including required certifications under the State Finance Law and (2) a completed Disclosure of Prior Findings of Non-Responsibility form. Failure to include a signed copy of the Proposal Checklist referenced in this solicitation will disqualify your proposal.
- **3. Executive Summary** (two page maximum) Briefly summarize the team members, the electric power delivery systems-related problem or opportunity, the proposed solution and its innovative characteristics, and potential energy, environmental, and economic benefits to New York State. Use the following Outline:
 - A. Team Members
 - B. Background
 - C. Objective and Scope of Proposed Project
 - D. Project Benefits
- 4. Problem Statement and Proposed Solution (two to four pages) Describe the following:
 - 1. The power systems-related problem or opportunity, and its significance to New York State.

- 2. The proposed solution and how it addresses the problem or opportunity and provides value to customers: the technical basis, innovative characteristics, and current market penetration in New York State.
- 3. How the proposed project addresses a current challenge or opportunity that is not being addressed adequately by current industry practices and/or federal and/or other state research priorities and funding.
- 4. The current state of the technology and the expected change in technology readiness level as a result of the project..
- 5. Cost, technical, and performance goals of the product or technology.
- 6. List of major tasks to be accomplished.
- 7. The expected benefits or economic value proposition to the end user or host site.
- 8. Duration of project and timing of major milestones.
- 9. Alternative solutions and why the proposed solution is superior.
- 10. Barriers to market entry and your ability to overcome them.
- 11. The monitoring strategy and how the data will be used to further the commercial application of the product or technology.
- 12. Any patents or licensing agreements associated with the product or system, where applicable.
- 13. The status of the earlier phase of a project if the proposal addresses a subsequent follow-on phase of a previously co-funded NYSERDA project.
- 14. If applicable, a brief description of additional phases, beyond the proposed work that will be necessary to fully achieve results.

4A. Business/Commercialization Plan or Strategy (FOR CATEGORY C PRODUCT DEVELOPMENT PROPOSALS ONLY)

(Two to three pages) – Describe how project results will be used to commercialize or deploy the new product or technology and indicate the parties involved in the process. Projects nearing commercialization should have a detailed commercialization plan, whereas an early-stage concept should be accompanied by a more detailed assessment outline of how the concept may ultimately be deployed. Cover the following topics:

- **Project Timeline:** Provide a multi-year timeline (e.g., graph) showing the paths, activities, milestones, resources, timing to take the technology from its current state of development to commercial product, and cost sharing in relation to total costs. Identify where you expect to be on this timeline by the end of the proposed effort.
- Marketing and Sales: Explain the customer's economic motivation for buying the new product or technology, versus alternatives (i.e. the 'value proposition' to the customer). Identify target markets and their relevant characteristics (e.g., size, competition, regulatory and technological trends, etc.) Describe your proposed marketing strategies, explain why they should be successful, and provide sales estimates. Describe how you will reach your target market and distribute the product to your target market. Describe barriers to market entry and how you will overcome these barriers. Provide an estimate of the price of the product or system that eventually will be commercialized and provide a comparison of that price to competing products or systems.
- Manufacturing Plan: Provide a discussion of the commercialization path that is appropriate to the stage of development of the proposed technology. Discuss whether the strategy is for one of the team members to manufacture the product, identify a manufacturing partner, license the technology, or another strategy. Note that, even in early stage projects, initial projections of commercialization paths and challenges are essential to assessing benefits, risks, and future resource requirements. If the proposer plans on manufacturing the product, describe plans for setting up or expanding manufacturing facilities, and discuss any key issues such as: need for specialized production equipment or strategic alliances; critical make/buy decisions or cost/volume issues; and plans for ancillary activities such as service support functions. Indicate whether significant subsystems/components are manufactured in New York.
- **Finance:** Estimate funds required to go from the current stage of development to a financially self-sustaining level of commercialization. Include funding for R&D and initial marketing and manufacturing/deployment programs. Identify potential funding sources and how funding will be acquired. Identify any potential strategic partners who could reduce your costs by providing access to marketing/distribution channels, manufacturing facilities or other assets.
- Organization Plan: Describe staffing plans for transition from R&D stage to commercialization stage; include all organizational functions, such as management, administration, engineering, marketing/sales, and manufacturing.

- **Technology Transfer:** Describe any additional actions to promote the new technology, such as the presentation of technical papers.
- 5. Technology Transfer and Repeatability (two to three pages) Describe the following:
 - The target audience for the demonstrated technology that could benefit from the project results and may consider using the technology for other applications in New York State and nationally.
 - The strategy for transferring project results to the target audience and causing replication or use of this technology in New York State and nationally.
- 6. New York State Impact and Project Benefits (one to two pages) Outline benefits as follows:
 - Quantify the following potential direct benefits to New York State to the extent possible:
 - Energy benefits (e.g., in New York State, percentage improvement in energy efficiency, reliability improvements, etc.)
 - Environmental benefits (e.g. pollutant emission reductions, elimination of hazardous materials, etc.)
 - Economic benefits (e.g., near-term jobs created, power generation equipment life-cycle cost reductions, etc.)
 - Identify other tangible benefits (e.g., compliance with New York State or federal regulations, increased mobility, etc.)
- 7. Statement of Work and Schedule (two to four pages) The Statement of Work (SOW) is the primary contractual document that outlines work activities and quantifies deliverables. Refer to Attachment C for a Statement of Work format and specific instructions regarding preparing the Statement of Work.

The Statement of Work specifically delineates each step or procedure required to accomplish the project objectives. Therefore, each action shall be identified, indicating who will perform it, how it will be performed and its intended result. Be clear and specific: concentrate on how and not why. Use active voice sentence structure to make clear who is responsible for specific actions; for example, use the following phrase to start the description of every task and subtask: The Contractor shall

Schedule. Present a work schedule with a starting point and duration for each task and subtask. Presentation of the schedule in a bar chart is preferred starting with "Month 1", Month 2", etc. The schedule should include timing of major milestones such as design reviews, test result analyses, completion of working prototypes, delivery of products or services, and the start of metrics reporting to NYSERDA, showing progress toward project objectives and goals. Schedule for Category A and B projects preferred to be completed within 18 months, Category C and D projects preferred to be complete in 36 months.

If applicable, a brief description and anticipated duration of additional development or commercialization activities, beyond the proposed work, that will be necessary to fully achieve commercialization.

(INCLUDE MILESTONE PAYMENTS FOR PROPOSALS ONLY) Milestone Payments — Provide a list of deliverables associated with each task with proposed milestone payments assigned to major deliverables. The magnitude of the milestone payments should be based on the amount of effort required to reach the deliverable. Completion of final design, equipment delivery, commissioning, submission of data, and acceptance of final report are examples of typical milestones for projects.

- 8. Proposer Qualifications (two to three pages; include resumes and other material in appendices) Identify:
 - <u>Proposing Organization(s)</u> Include a brief description of organization(s) involved in the proposing team, including major subcontractors. Include date founded, history, size, product portfolio, and location. Also include an explanation of why the proposed organization or team is the best qualified to perform/implement the project from a technical and business perspective. Identify any other organizational qualifications relevant to the proposed work. If applicable, include examples of previous successful commercialization projects and the current status of those successes. For demonstration projects, demonstrate an

understanding of New York State energy markets and interconnection requirements, and include information on the organization that will host the demonstration. (Note: Subcontracts of \$50,000 or more are subject to competitive bid procedures except where the proposal identifies a specific subcontractor as an integral participant in the proposed work; see Sample Agreement).

- Organizational Chart Prepare an organizational chart listing all team members, including the project manager and any subcontractors and other sponsors involved in the project, showing their roles and responsibilities.
- Qualifications of Key Individuals Identify key individuals that will be involved in the project and its success.
 Provide one- to two-paragraph summaries of relevant technical and business expertise of these individuals.
 Submit resumes (as appendices) of all key project team members. Include in the resumes, education and experience that are relevant to the proposed work.
- <u>Previous Experience</u> Describe the proposing team's experience that is relevant to the proposed effort. List related projects that have been undertaken and successfully completed by the Proposer and/or subcontractors. List NYSERDA contracts awarded to the proposer, if any, in the past five years.
- **9. Budget** Include a project budget using the attached Contract Pricing Proposal Form (CPPF) showing a total of project costs and proposer cost-share. Phased projects should include a CPPF for each phase, as well as one for the total project.

<u>Cost Sharing</u> - The proposal should show non-NYSERDA funding of the total cost of the project. Cost sharing can be from the proposer, other team members, and other government or private sources. Contributions of direct labor (for which the laborer is paid as an employee) and purchased materials may be considered "cash" contributions. Unpaid labor, indirect labor, or other general overhead may be considered "in-kind" contributions. NYSERDA will not pay for efforts that have already been undertaken. The proposer or proposing team cannot claim as cost-share any expenses that have already been incurred. Complete the following table for **ALL PROPOSALS** (expand table as needed):

FUNDING SOURCE TABLE							
	Project Total \$						
Funding Source	Cash	In-Kind	Total (cash + in-kind)				
NYSERDA	\$		\$				
Proposer	\$	\$	\$				
Co-Funder (identify)	\$	\$	\$				
Co-Funder (identify)	\$	\$	\$				
Total (\$)	\$	\$	\$				

Attach supporting documentation to support indirect cost (overhead) rate(s) included in your proposal as follows:

- 1. Describe the basis for the rates proposed (i.e., based on prior period actual results; based on projections; based on federal government or other independently-approved rates).
- 2. If rate(s) is approved by an independent organization, such as the federal government, provide a copy of such approval.
- 3. If rate(s) is based on estimated costs or prior period actual results, include calculations to support proposed rate(s). Calculation should provide enough information for NYSERDA to evaluate and confirm that the rate(s) are consistent with generally accepted accounting principles for indirect costs.

NYSERDA reserves the right to audit any indirect rate presented in the proposal and to make adjustment for such difference. Requests for financial statements or other needed financial information may be made if deemed necessary.

Recoupment - For any new product research and/or development, NYSERDA will generally require a royalty based on sales of the new product developed. NYSERDA's standard royalty terms are 1.5% of sales or thirty percent (30%) of all license revenue accruing to the Contractor for products produced in New York State (for a period of fifteen years or until the Contractor pays NYSERDA an amount equal to the amount of funds paid by NYSERDA to the Contractor, whichever comes first) and 5% of sales or sixty percent (60%) of all licensing revenues accruing for products produced outside of New York State (for a period of fifteen years or until the Contractor pays NYSERDA an amount equal to three times the amount of funds paid by NYSERDA to the Contractor, whichever comes first).

- **10. Appendices** Include any resumes, company qualifications, or ancillary information that is deemed necessary to support your proposal. If appropriate, also include:
 - Letters of Interest or Commitment If you are relying on any other organization to do some of the work, provide services or equipment, or share in the non-NYSERDA cost, include a letter from that organization describing their planned participation. Also include letters of interest or commitment from businesses or other organizations critical to the future commercialization, demonstration, or implementation of the project. Absence of letters of interest or commitment will be interpreted as the proposer not having support from the identified parties.
 - Exceptions to the Terms and Conditions If you do not accept the standard terms and conditions (including
 the recoupment provisions) as contained in the attached Sample Agreement, provide alternate terms with
 justification based on the risk and benefit to NYSERDA and New York State. NYSERDA reserves the right to
 reject proposals based on the nature and number of any exceptions taken to the standard terms and
 conditions of the Sample Agreement.

VII. PROPOSAL EVALUATION

Proposals that meet Proposal Requirements will be reviewed by a Technical Evaluation Panel (TEP) using the Evaluation Criteria identified below. After the proposals are reviewed, NYSERDA will issue a letter to each proposer indicating the proposal evaluation results. Proposers receiving favorable evaluations will be invited to enter into contract negotiations with NYSERDA. The proposer may also be asked to address specific questions or recommendations of the TEP before contract award.

EVALUATION CRITERIA:

Problem and Proposed Solution (All Categories) -

- How significant is the problem or opportunity to New York State?
- Is the proposed work technically feasible, innovative, and superior to alternatives?
- Does the proposal address an eligible technology?
- How well does the proposed solution address the problem or opportunity?
- Are fundamental scientific principles well understood and clearly presented?
- How appropriate are the cost, technical, and performance goals for the proposed technology or product?
- Does the proposer exhibit an understanding of the state-of-the-art, competing products and alternative designs?
- If the proposed work is a follow-on project to a previously co-funded NYSERDA project, what was the outcome of the earlier phase?
- Is the proposed project addressing a current challenge or opportunity that is not being addressed adequately by current industry practices and/or federal and/or other state research priorities and funding.

Proposed Work (Category D only) -

- How significant is the demonstration opportunity to New York State?
- How well does the proposed solution address the problem or opportunity?
- Is the proposed demonstration innovative and is it appropriate that the proposed demonstration be funded under this program as opposed to a NYSERDA program that provides incentives to install certified, commercially-ready technologies?
- Does the proposal address an eligible technology?
- Is the proposed demonstration well conceived, technically feasible, and superior to alternatives?
- Does the proposer exhibit an understanding of the state-of-the-art, competing products and alternative designs?
- What is the level of commitment of a New York State site?
- Is an appropriate performance monitoring and data analysis effort included in the proposal?
- If the proposed work is follow-on to a previously co-funded NYSERDA project, what was the outcome of the earlier phase?

New York State Impact and Project Benefits (All Categories) -

- To what extent will there be economic benefits in New York State in the form of subsequent commercial activity and economic growth?
- Does the proposal include a New York State demonstration site?
- Are the appropriate letters of support and/or commitments included in the proposal?
- How well are the potential benefits to New York State quantified?
- How likely is it that the projected benefits will be realized?
- Does the proposed project have favorable energy, efficiency, environmental and economic impacts in New York State? How significant are these impacts?
- To what extent will there be economic benefits in New York State in the form of subsequent commercial activity?
- Are the technical risks identified, appropriately addressed, and balanced by project benefits?
- Does the proposal address an innovative electric power delivery technology that improves performance, quality or reliability / resiliency?
- How well does the project reflect NYSERDA's overall objectives (risk/reward relationships, similar ongoing or completed projects, the general distribution of NYSERDA projects among industries and other organizations, and the distribution of projects within New York State)?

Statement of Work and Schedule (All Categories) -

- How appropriate are the technical and performance goals for the proposed project?
- Do the proposed technical and performance goals adequately allow for measurement and verification of the success of the proposed project?
- Is the work strategy in the Statement of Work sound and likely to achieve the technical and performance goals?
- Does the Statement of Work include an economic analysis of the technology based on performance measurements?
- Is the Statement of Work well organized, complete, and appropriate for the goals identified?
- How realistic is the schedule for achieving the goals of the proposed project?
- Is the proposed level of effort reasonable to complete the proposed project?
- Are the proposed milestones reasonable?

(Category D Only) -

- Are the data acquisition, monitoring, and reporting plans reasonable and do they meet the requirements in Section V, 'ADDITIONAL PROGRAM REQUIREMENTS FOR CATEGORY D DEMONSTRATION PROJECTS ONLY'?
- Is the benefits tracking plan reasonable and does it meet the requirements in Section V, 'ADDITIONAL PROGRAM REQUIREMENTS FOR CATEGORY D DEMONSTRATION PROJECTS ONLY'?
- If monitoring baseline utility system operation is necessary to document system benefits, does the Statement

of Work include a provision to adequately gather baseline utility operational data?

Proposer Qualifications (All Categories) -

- Has the proposer provided evidence of being qualified to perform the proposed work based on the qualifications of the organization(s) and the involved individual(s)?
- Were resumes of key individuals included in the proposal?
- To what degree does the proposer have the necessary technical and business background and experience?
- Does the team include a New York State business, thereby providing economic benefits in the form of jobs?
- Has the proposer provided evidence of good past performance on other relevant projects?
- Is the proposing team appropriately organized?
- Are staff allocations and responsibilities reasonable?

Project Cost and Value (All Categories) -

- Is the overall project cost justified and reasonable based on the level of effort proposed and the expected outcome and benefits?
- How significant is the potential market opportunity relative to the project cost?
- How appropriate are the proposer's co-funding contributions (sources and amounts) with respect to the degree of risk, potential to benefit from the work, and financial status of the organization?
- How firm are the commitments and support from essential participants, co-funders, and related businesses and other organizations?
- Are the overhead rates reasonable and supported with appropriate documentation?
- Are equipment, facility, material, and travel costs based on reasonable estimates?
- Are the labor rates reflective of the industry?

Technology Transfer / Repeatability (All Categories) -

- Does the proposed technology have commercial applications at other New York State sites?
- Does the proposed project demonstrate an effective strategy and strong potential for the project to lead to future use of the technology in New York?
- Does the proposed technology address market needs?

Business/Commercialization Plan (Category C only) -

- Is the proposed product or concept likely to be successful?
- Are there sufficient markets or needs for the concept/technology?
- Does the proposed project address market needs?
- Are the business and commercialization or replication plans appropriate for the type of project and stage of development?
- How significant are the barriers to market entry?
- Does the proposer demonstrate a clear understanding of the steps required to overcome these barriers?
- Has the market been identified and characterized?
- Does the proposal identify competing and alternate solutions, and clearly show why this product or concept is superior to, price competitive with, or provides value compared to alternative products or solutions?
- If follow-on financial resources are necessary, are plans to raise necessary financial resources likely to be successful?

<u>Other Considerations</u> – Proposals will be reviewed to determine if they reflect NYSERDA's overall objectives, including: risk/reward relationships, similar ongoing or completed projects, and the general distribution of projects among categories, technologies, industries and other organizations, and geographically within New York State.

VIII. GENERAL CONDITIONS

PROPRIETARY INFORMATION

Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes.

The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause <u>substantial injury to the competitive position</u> of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "<u>Confidential</u>" or "<u>Proprietary</u>" on each page at the time of disclosure. This information should include a written request to exempt it from disclosure, including a written statement of the reasons why the information should be exempted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501.

http://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-

Regulations.ashx<u>Regulations.ashx</u>. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

OMNIBUS PROCUREMENT ACT OF 1992

It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division for Small Business 30 South Pearl Street Albany, NY 12245

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 30 South Pearl Street Albany, NY 12245

State Finance Law sections 139-j and 139-k - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html
The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State

and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. *See,* ST-220-TD (available at

http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf. Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf

Contract Award - NYSERDA anticipates making multiple awards under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA, at its sole discretion, will decide whether to contract successful projects using time and material or milestone payment terms. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal. NYSERDA expects to notify proposers in approximately 10 weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees who are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

Annual Metrics Reports – If awarded, the proposer will be required to submit to NYSERDA's Project Manager on an annual basis, a prepared analysis and summary of metrics addressing the anticipated energy, environmental and economic benefits that are realized by the project. All estimates shall reference credible sources and estimating procedures, and all assumptions shall be documented. Reporting shall commence the first calendar year after the contract is executed. Reports shall be submitted by January 31st for the previous calendar year's activities (i.e. reporting period). Please see Attachment E: Sample Metrics Reporting Guides for the metrics that you will be expected to provide and the reporting duration. <a href="https://www.nyser.nys

Limitation - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

DISCLOSURE REQUIREMENT

The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

IX. Attachments

Attachment A - Proposal Checklist

Attachment B - Disclosure of Prior Findings of Non-responsibility (mandatory)

Attachment C - Statement of Work Format

Attachment D - Contract Pricing Proposal Form (CPPF)

Attachment D1 - Contract Pricing Proposal Form (Excel)

Attachment E - Sample Product Development Metrics

Attachment E1 – Sample Demonstration Metrics

Attachment E2 – Sample Information Dissemination Metrics

Attachment F - Sample Agreement with Exhibits

Attachment G – Instructions for Electronic Proposal Submission

PON 3026: EPTD Smart Grid



NY-Sun Commercial / Industrial Incentive Program Program Opportunity Notice (PON) 3082 \$450,525,000.00 Available May 4, 2015

NY-Sun Commercial / Industrial Incentive Program
NY-Sun Incentive Applications and
NY-Sun Installer/Contractor Applications
May 4, 2015 through December 29, 2023
By 5:00 PM Eastern Time**

The New York State Energy Research and Development Authority (NYSERDA) offers performance-based incentives for the installation of new grid-connected solar photovoltaic (PV) systems greater than 200 kW that offset the use of grid-supplied electricity. PV systems must be sized primarily to serve project load. Funding for the NY-Sun Incentive Program ("Program") has been allocated by the New York State Renewable Portfolio Standard and Regional Greenhouse Gas Initiative. Incentives will be granted on a first-come, first-served basis, and PV incentive applications will be accepted through December 29, 2023, or until funds are fully committed, whichever comes first. Incentives available are subject to change.

PV Incentive Application submission: Eligible Contractors must submit a completed and signed Project Application package into a designated online Program platform/database, as detailed in the NY-Sun Incentive Program Manual. http://ny-sun.ny.gov/For-Installers/Forms-Manuals-Tools.

Installer/Contractor Eligibility Application submission: Potential PV Contractors must submit one [1] clearly labeled, completed and signed PV Installer/Contractor Application package to:

PV Installer: Program Manager NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399 Or by email to PVForms@nyserda.ny.gov.

PV Installer/Contractor Application questions may be sent to PVForms@nyserda.ny.gov. All Contractual questions should be directed to Venice Forbes at (518) 862-1090, ext. 3507 or venice.forbes@nyserda.ny.gov. All technical questions should be directed to:

.Commercial.IndustrialPV@nyserda.ny.gov.

Applications will not be accepted at any NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's website at www.nyserda.ny.gov.

NY-Sun Commercial and Industrial Program

The New York State Energy Research and Development Authority (NYSERDA) offers performance-based financial incentives for the installation of new grid-connected solar photovoltaic (PV) systems greater than 200 kW that offset the use of grid-supplied electricity. PV systems must be sized primarily to serve project load. Funding for the NY-Sun Commercial and Industrial Program has been allocated by the New York State Public Service Commission through the Renewable Portfolio Standard (RPS) with additional funding made available through the Regional Greenhouse Gas Initiative (RGGI) for New York State (NYS) electricity customers.. Incentives will be allocated on a first-come, first-served basis and applications will be accepted on a rolling basis through December 31, 2023, or until funds are fully committed, whichever comes first.

How Does the Program Work?

The NY-Sun Commercial and Industrial Program provides incentives based upon the performance of the PV System as a function of annual energy production. A detailed description of the Program and the terms and conditions under which it operates is provided in the NY-Sun Incentive Program Manual. http://ny-sun.ny.gov/For-Installers/Forms-Manuals-Tools.

In addition to performance-based incentives, the program includes additional incentives for project installations in utility-identified strategic locations as well as projects that integrate energy storage or comprehensive energy efficiency. Participating Contractors may invoice for project incentives in four separate increments: one invoice when the system is installed, interconnected, and commercially operational and one in each of the three subsequent consecutive years (Performance Period) based upon measured annual kilowatt hour (kWh) output of the PV system (System Actual Annual Energy Production). For details, see NY-Sun Incentive Program Manual, Metering requirements.

Incentives are available for new customer-sited PV systems, greater than 200 kW per electric meter, that are connected to the electric distribution grid and displace utility provided electricity. Prior to submitting applications for incentives, organizations must become a Participating Contractor by registering with the NY-Sun Commercial and Industrial Program. After completing the registration process, the organization will be provided access to the NY-Sun Commercial and Industrial Program online applications platform. Participating Contractors may submit applications for project funding under either of two tracks: Track One-Project Maturity, or Track Two-Financial Security

To become a Participating Contractor in the NY-Sun Commercial and Industrial Program, interested parties must complete a PV Installer/Contractor Application Form in which they agree to abide by the terms and conditions of the NY Sun Incentive Program Participation Agreement. These documents are available on the NY-Sun website: http://ny-sun.ny.gov/For-Installers/Forms-Manuals-Tools

Applicants must also provide the following credentials:

Complete the PV Installation Experience section of the Application Form detailing three commercial-scale projects
that entered into commercial operation in the past three years that, in aggregate, sum to at least 500 kW. These
must be verifiable references for specific projects and be accompanied by a brief description of the systems
installed and the applicant's role in the project.

OR

• Indicate that your organization has successfully completed a PV project under any of the prior Competitive PONs that has been reporting data to the NYSERDA DG Integrated Data System website for at least three months.

Participating Contractors are responsible for preparing and submitting all required PV Project Incentive Application documentation to NYSERDA.



Financial Incentives

The incentive amounts identified on approved project applications in the NY-Sun Commercial and Industrial Program are Not-to-Exceed (NTE) values. The maximum dollar value of the NTE Incentive will be equal to the PV System Estimated Annual Energy Production for three years (Base Incentive) plus strategic location or integration incentives, when applicable.

The Base Incentive for an eligible project is based on 3 years of PV System Estimated Annual Energy Production using a designated 13.4% Capacity Factor (CF) for fixed-mount systems, 16.0% CF for single-axis tracking, or 17.5% CF for dual-axis tracking at the incentive associated with the block in which the project application is approved by NYSERDA.

PV System Estimated Annual Energy Production is calculated in the following manner:

PV System DC rating (kW) x 8760 hours x Designated Capacity Factor = PV System Estimated Annual Energy Production (kWh)

The Base Incentive is calculated in the following manner:

PV System Estimated Annual Energy Production (kWh) x Incentive (\$/kWh) x 3 (yr) = Base Incentive (\$)

The NTE Incentive is equal to the Base Incentive, or, to the extent that the Contractor demonstrates that the project is sited at an Investor Owned Utility identified strategic location or includes storage or efficiency integration, as appropriate, the following incentives augment the Base Incentive:

- Projects sited in strategic locations multiply the Base Incentive by 1.20
- Projects integrating energy storage add \$50,000 to the Base Incentive
- Projects integrating energy efficiency add \$50,000 to the Base Incentive

The Base Incentive amount (excluding any strategic location, energy efficiency, and or energy storage incentives) for each PV Project may not exceed 50% of the total installed system costs for the PV project installation. Contractors are required to provide an estimate for the total installed costs for the PV Project and show that the Base Incentive amount is no greater than 50% of the total installed costs for the project.

Limitation

This solicitation does not commit NYSERDA to award a contract or to pay any costs incurred in preparing any application. NYSERDA reserves the right to accept or reject any or all applications received, and to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest.

Additional Information and Attachments

Forms are available on the NY-Sun Website: http://ny-sun.ny.gov/.



Accelerating Availability of Targeted Residential Products
Program Opportunity Notice PON 3125
\$1.9 Million Available

ROUND 1

Category A Market Support Proposals Due: September 24, 2015 by 5 PM Eastern Time*
Category B Pilots or Demonstration Projects Proposals Due: September 24, 2015 by 5 PM Eastern Time*

Category C Educational Retail Events Applications accepted on a first-come, first-served basis through December 31, 2015 by 5 PM Eastern Time*

NYSERDA's Program Opportunity Notice (PON) 3125 is designed to support projects that significantly increase the availability and demand for the following high-efficiency residential products: high-efficiency clothes washers, refrigerators, home energy management systems (HEMS), heating, ventilating and air conditioning (HVAC) systems, heat pump water heaters, and advanced lighting fixtures. Support will be offered in three categories: Category A, *Market Support* to increase the supply of and demand for targeted products through upstream interventions; Category B, *Pilots or Demonstration Projects* to educate builders, architects, designers, contractors and consumers about HEMS; and Category C, *Educational Retail Events* that educate consumers and contractors on the benefits of targeted and other high-efficiency residential products. Under Category A, NYSERDA will provide manufacturers, distributors and retailers with the opportunity to propose creative, market-based ideas that influence the supply chain and accelerate adoption of the specified targeted products. The Pilots or Demonstration Projects (Category B) will only target HEMS products. Proposals for Categories A and B will be competitively selected, while applications for Category C will be open-enrollment, with funding available on a first-come, first-served basis. All proposals under this solicitation will require a minimum 50% cost-share and will leverage private funding. If funding is not exhausted after Round 1 of PON 3125, Round 2 of PON 3125 will be issued for the remaining funds.

Proposal Submission for Categories A and B ONLY: Electronic submission is preferable. NYSERDA will also accept proposals/applications by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's/applicant's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on the webpage for PON 3125, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are located as Attachment F of PON 3125.

If mailing or hand-delivering, proposers/ applicants must submit (2) paper copies of their proposal/application with a completed and signed Proposal Checklist, along with a CD or DVD containing both a PDF or MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals/applications must be clearly labeled and submitted to:

Roseanne Viscusi, PON3125 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

* Late proposals/applications will be returned. Incomplete proposals may be subject to disqualification. It is the proposer's responsibility to ensure that all pages have been included in the proposal/application. Faxed or emailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at www.nyserda.ny.gov.

See following page for submitting applications under Category C.

Application Submission for Category C ONLY: NYSERDA will accept applications by mail, hand-delivery, or electronic submission. If mailing or hand-delivering, applicants must submit one (1) paper copy of their application. Mailed or hand-delivered applications must be clearly labeled and submitted to:

Ryan Moore, PON 3125 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

If submitting electronically, applications may be e-mailed to PON3125@nyserda.ny.gov.

If you have technical questions concerning this solicitation, contact Ryan Moore at (518) 862-1090, ext. 3267 or PON3125@nyserda.ny.gov. If you have contractual questions concerning this solicitation, contact Elsyda Ahmed at (518) 862-1090, ext. 3232 or elsyda.ahmed@nyserda.ny.gov. No communication intended to influence this procurement is permitted except by contacting Ryan Moore at (518) 862-1090, ext. 3267 or PON3125@nyserda.ny.gov. Contacting anyone other than this Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's/applicant's behalf) in an attempt to influence the procurement: (1) may result in a proposer/applicant being deemed a non-responsible offerer, and (2) may result in the proposer/applicant not being awarded a contract.

I. Introduction

PON 3125 targets retailers, manufacturers, distributors/vendors, and other stakeholders to provide them with an opportunity to propose market-driven solutions to increase the availability and demand of targeted products as identified below. This could include leveraging manufacturer or utility rebates of a targeted product in tandem with upstream support from NYSERDA. NYSERDA is looking to significantly increase availability, sales, and adoption of high-efficiency products that have the highest potential for energy savings and carbon reduction. Increase in market share or sales of these products should be significant in nature, in that it provides statewide impact through measurable and lasting market transformation results. Working towards the goal of increasing availability and market demand, this PON will only provide funding that targets specific barriers and demonstrates significant potential to increase supply and demand of the targeted products.

NYSERDA is seeking to support proposals/applications under the following three categories to help significantly increase the availability and demand for high-efficiency residential products. This includes:

- Category A, Market Support, through upstream interventions, is designed to increase the supply of and demand for targeted products, which includes: high-efficiency refrigerators and clothes washers (CEE Tier 2 or 3 or ENERGY STAR Most Efficient), home energy management systems, HVAC equipment, heat pump water heaters, and advanced lighting fixtures:
- Category B, Pilots or Demonstration Projects to educate builders, architects, designers, contractors and consumers about Home Energy Management Systems (HEMS); and
- Category C, Educational Retail Events that educate consumers or contractors on the benefits of products identified in Categories A and B and other high efficiency residential products.

Proposals for Categories A and B are due September 24, 2015 and will be competitively selected, while applications for Category C will be open-enrollment, with funding available on a first-come, first-served basis. All contracts under this solicitation will require a minimum 50 percent cost-share. Private funding from a third-party will be accepted as part of the 50 percent cost-share requirement.

II. Program Requirements

Category A-Market Support: NYSERDA will provide financial support to support projects that provide a creative strategy that will help increase market share of the following specified targeted products: high-efficiency refrigerators and clothes washers (CEE Tier 2 or 3 or ENERGY STAR Most Efficient), home energy management systems, HVAC equipment, heat pump water heaters, and advanced lighting fixtures. These incentives will only be used as a bridge to overcome market barriers and increase sales and the overall nature of the incentives are intended to decline over time to avoid the market over-relying on government funding to increase supply and demand. NYSERDA is seeking the lowest cost proposals that will have a measurable impact on market share and accelerate the adoption of the targeted products. Proposals must demonstrate a sound approach with appropriate strategies for reaching and measuring sales/market share goals within proposed schedules. Proposals should be designed to test, measure and adjust to maximize impact and to reflect a constantly changing market. Proposers may choose one or more of the targeted products to increase market share. Proposals should provide a clear plan of action, the parties involved, and how success will be defined and measured.

NYSERDA is seeking creative proposals, but **WILL NOT** accept any proposals that require NYSERDA incentives for consumer rebates or buy-downs on a per unit basis. NYSERDA will provide financial support for initiatives such as, but not limited to: longer term warrantees for targeted products, special financing terms, performance guarantees, retail staff and installer/contractor training related to "selling" the value of higher efficiency training, or marketing and consumer education.

NYSERDA is seeking market-driven approaches that significantly increase sales, market share, or stocking of targeted high-efficiency products. The targeted products are high-efficiency appliances (clothes washers & refrigerators that exceed ENERGY STAR® criteria and instead meet ENERGY STAR Most Efficient or Consortium for Energy Efficiency (CEE) Tier 2 or Tier 3 criteria), high-efficiency HVAC equipment (Central AC, ductless mini-split heat pumps, and ductless mini-split air conditioners), HEMS, heat pump water heaters, and advanced lighting fixtures, such as light-emitting diode (LED) or other solid-state lighting fixtures.

Category B-Pilots or Demonstration Projects: NYSERDA will consider proposals that demonstrate and validate the potential cost savings, greenhouse gas emission reductions, energy-savings and overall feasibility and economics of home energy management systems (HEMS) to educate the marketplace as well as encourage demand and wide-scale adoption of commercially available HEMS product(s). NYSERDA is seeking projects that demonstrate HEMS technology in a residential or real-life setting with a significant focus on outreach/education and technology transfer to increase awareness and demand among contractors, builders, and homeowners. Demonstration projects in low-income homes or buildings are encouraged, but not required. Technology transfer activities should be designed to address various stakeholder needs to increase the use of HEMS that incorporate energy efficiency features and include, but are not limited to, case studies, open houses/model home tours, retail displays, presentations and/or HEMS training to contractors and builders, and press releases/events. Each HEMS demonstration must, at a minimum, control lighting, heating/cooling, and two appliances (or at least two connected outlets). Partners may propose pilots or demonstration projects that connect manufacturers/distributors with builders and contractors to showcase a HEMS product in residential applications (new and existing homes) and utilize opportunities to spur consumer interest and demand.

Category C-Educational Retail Events: NYSERDA will provide a 50% cost-share on consumer education events that promote and inform consumers or contractors on the products primarily listed in Categories A and B. However NYSERDA will consider promotion or consumer education of other high efficiency technologies as appropriate. The objective of the consumer retail event is to educate and influence consumers or contractors on the benefits of purchasing and installing one or more of the targeted products. Applicants must fill out Attachment E, Educational Retail Event Guidelines and Application, to be considered for a consumer event cost-share. The application includes an event overview/ description, promoted products, expected outcome, approximate attendance, event promotion, event staffing, location / dates, budget/ cost-share and indicators of success. Events are intended to be promoted at retail locations, but other events, such as home shows, events that target home improvements, or promotions that effectively educate consumers or contractors and promote targeted product sales will be considered. Applicants are encouraged to reference NYSERDA's Retail Guidelines contained in Attachment E, designed to help form a clear and cohesive event plan.

III. Budget

A total of \$1.9 million is available for PON 3125 and it is anticipated that approximately 60 to 70 % will be allocated to category A and 30 to 40% of the funding will be dedicated to categories B and C. However, funding ratios may change based on market demand, number of proposals received, and measurable impact to the market.

Category A funding consists of approximately 60 to 70% of the \$1.9 million available. A minimum 50% cost-share is required. NYSERDA anticipates awarding up to four proposals, however, this number may change based on the overall response and potential of the proposals received.

Category B funding consists of approximately 30 to 40% of the \$1.9 million available. A minimum 50% cost-share is required. NYSERDA anticipates awarding between two to four proposals, however this number may change based on the overall response and potential of the proposals received.

Category C funding consists of approximately 10 to 20% of the \$1.9 million available. Minimum funding per event is \$1,000 and maximum funding per event is \$10,000, with a total cap of \$30,000 per proposer and a minimum 50% cost-share is required.

More funding for each of these categories may become available if PON 3125 is reissued in a second round.

IV. Proposal Requirements (Categories A & B)

Proposals should not be excessively long or submitted in an elaborate format that includes expensive binders or graphics. Unnecessary attachments beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the proposer, PON 3125, and the page number. For **Category A-Market Support and Category B-Pilots or Demonstration Projects**, proposers should submit proposals in the following format.

- 1. **Proposal Checklist-Attachment A (1 page):** The Proposal Checklist form should be completed and attached to the front of the proposal.
- 2. Background/Objective (1 page): Provide sufficient background to give the reviewer an understanding of the target product(s) or HEMS pilot/demonstration, current market conditions, the barriers or challenges that exist, and benefits/features of the targeted product or HEMS demonstration. The background should provide sufficient detail to justify the need for the project, identifying the benefits/goals the project is expected to accomplish.
- 3. **Scope of Work (2 pages):** Provide a detailed plan that shows how and where the work will be executed and who will be responsible for performing the tasks. The scope of work should address the objectives or goals that will be accomplished and delineate each step required to accomplish the project objectives. Be clear and specific: concentrate on "how" and not "why". Use "active voice" sentence structure to make clear who is responsible for specific actions. Use the following phrase to start the description of every task and subtask ("The Contractor shall....").
- 4. **Management Plan/Schedule (1 page):** List key members of the team and their responsibilities. Provide a timeline indicating when key tasks will be executed.
- 5. **Qualifications (1 page):** Proposers should identify the experience of team members as it relates to the project. Also, if applicable, provide a brief synopsis or description of similar projects in which team members have participated.
- 6. **Project Benefits (1 page):** Describe the benefits that are expected to result from the project. For Category A, this includes demonstrated energy savings, greenhouse gas emission reductions, sales or market share increases and greater availability of the product. For Category B, project benefits include energy savings, cost savings, best practices and effective technology transfer activities that raise awareness among consumers, builders, and contractors.
- 7. **Cost and budget (1 page):** A Contract Pricing Proposal Form (CPPF), with associated instructions, is provided as Attachment C to this PON. Each proposal must include a completed CPPF that details the costs of the project and includes supporting information to verify labor and

- overhead rates. Also, detail the costs of any marketing and education activities that will go toward the project. Breakdown cost-sharing and in-kind contribution to the project, if any.
- 8. **Measurement and Verification (2 pages):** Proposers should describe how the project will be monitored and how progress will be measured. For Category A proposals, the measurement and verification (M&V) activities should provide verifiable data such as sales data and/or market share information in New York State to provide a current baseline of the targeted product(s) and measure market transformation progress. NYSERDA will be flexible on data requirements, however, the proposer should identify how effectiveness/progress will be measured. For Category B proposals, M&V methods should follow recognized industry standards for collecting and evaluating quantitative and qualitative data of demonstration projects. Monitoring and data collection of the HEMS demonstration sites will be required. The technology transfer activities for Category B proposals should also be described in this section.
- 9. **Letters of Commitment and related attachments:** Attach any letters of support/commitment to the proposal. Other back-up or supporting documentation may be included as separate attachments. Letters of Commitment must be required for Category B demonstration sites.

A completed and signed Proposal Checklist must be attached as the front cover of your proposal. Late proposals will be returned and proposals lacking the appropriate completed and signed Proposal Checklist may be returned. Faxed or e-mailed copies will not be accepted.

In compliance with §139-j and §139-k of the State Finance Law (see Section V, General Conditions below for additional information), additional forms must be completed and filed with proposals:(1) a signed copy of the Proposal Checklist including required certifications under the State Finance Law and (2) a completed Disclosure of Prior Findings of Non-Responsibility form. Failure to include a signed copy of the Proposal Checklist referenced in this solicitation may disqualify your proposal.

Cost Sharing - The proposal should show non-NYSERDA funding of at least 50% of the total cost of the project. Cost sharing can be from the proposer, other team members, and other government or private sources. Contributions of direct labor (for which the laborer is paid as an employee) and purchased materials may be considered "cash" contributions. Unpaid labor, indirect labor, or other general overhead may be considered "inkind" contributions. NYSERDA will not pay for efforts which have already been undertaken. The proposer or proposing team cannot claim as cost-share any expenses that have already been incurred. Show the cost-sharing plan in the following format (expand table as needed):

	Cash	In-Kind Contribution	Total
NYSERDA	\$	\$	\$
Proposer	\$	\$	\$
Others (list individually)	\$	\$	\$
Total	\$	\$	\$

Attach supporting documentation to support indirect cost (overhead) rate(s) included in your proposal as follows:

- 1. Describe the basis for the rates proposed (i.e., based on prior period actual results; based on projections; based on federal government or other independently-approved rates).
- 2. If rate(s) is approved by an independent organization, such as the federal government, provide a copy of such approval.
- 3. If rate(s) is based on estimated costs or prior period actual results, include calculations to support proposed rate(s). Calculation should provide enough information for NYSERDA to evaluate and confirm that the rate(s) are consistent with generally accepted accounting principles for indirect costs.

NYSERDA reserves the right to audit any indirect rate presented in the proposal and to make adjustment for such difference. Requests for financial statements or other needed financial information may be made if deemed necessary.

V. Application Requirements (Category C)

For Category C-Educational Retail Events, applicants should complete Attachment E, Education Retail Event Guidelines and Application. NYSERDA will provide up to 50% cost-share to sponsor educational events that promote one or more of the following products: high-efficiency clothes washers and refrigerators (must be either ENERGY STAR Most Efficient or CEE Tier 2 or 3); HVAC equipment such as ductless mini-splits, condensing boilers and furnaces, air and ground source heat pumps; advanced lighting fixtures, such as LED or other solid-state lighting fixtures; heat pump water heaters; and HEMS. Applicants must describe how the event will promote the eligible product(s) to consumers, how it will be organized and overall logistics, total budget, and expected outcome. NYSERDA will consider the promotion of other high-efficiency technologies as appropriate, but events should focus around the targeted products listed above. Applicants are encouraged to reference NYSERDA's Retail Event Guidelines contained in Attachment E which are designed to help form a clear and cohesive event plan. Applicants who intend to apply for multiple events at different retail locations should note that NYSERDA will only approve three (3) events at a time. Applicants must address all sections in Attachment E and submit via e-mail to PON3125@nyserda.ny.gov.

VI. Proposal Evaluation

Proposals that meet the requirements set forth in this solicitation will be reviewed by a Technical Evaluation Panel (TEP) using the Evaluation Criteria below. Proposals will be evaluated compared to other proposals within the same category.

Evaluation Criteria for Category A

- 1. Is there an opportunity to address a significant market barrier and increase market share?
 - How well does the proposed solution address a barrier or opportunity?
 - Does the proposal demonstrate a cost-effective solution to increase market share and quantify such increases or address market barriers of a targeted product?
 - Is the proposed project addressing a current challenge or opportunity that is not being addressed?
- 2. How significant is the opportunity to New York State?
 - Will the proposal save energy, reduce emissions, or present significant cost-savings to consumers?
 - Will the proposal increase the adoption/sales of the targeted product(s)?
 - How will the proposal benefit New York State and its residents?
- 3. Is the proposed work realistic/feasible and/or innovative?
 - Is the proposed strategy reasonable? Is the outcome or goal attainable?
 - Can the approach or strategy be sustained over time?
 - Can the work be accomplished without NYSERDA funding?
- 4. How will success be defined and measured?
 - Can the proposed work be substantiated? Does the proposal offer an approach to independently verify increased stocking, sales, or market share?
 - The measurement and verification (M&V) activities should provide verifiable data such as sales data and/or market share information in New York State to provide a current baseline of the targeted product(s) and measure market transformation progress.
 - Is there a process in place to verify or monitor progress?
- 5. Is the proposed strategy flexible and nimble?
 - Can the strategy be tested, measured and adjusted with ease?
 - If the approach stalls or under-performs, can adjustments be made quickly?
- 6. How appropriate are the costs for the proposed strategy and targeted product?
 - Does the budget address all costs of the proposal?
 - Is there at least 50% cost-sharing, in-kind contributions, or third-party investment?

7. Other

• Does the proposer have past experience with market-based initiatives that increased sales, market share, or shelf-stocking, trained sales staff, etc.? Any experience with NYSERDA or utility-related programs?

Evaluation Criteria for Category B

- 1. Responsiveness to the program components and requirements of the PON
 - Does the proposal comply with proposal requirements?
 - Are the proposed HEMS components commercially available and is the demonstration technically feasible?
 - How well does the proposal identify and address market barriers? Does the Scope of Work describe the approach and rationale that the proposer will take to accomplish the goals of the project?
 - Is the proposed project timeline realistic and sufficient to address current market barriers of HEMS? Is the proposal clear and well organized?

2. Technology Transfer Plan

- Is the technology transfer plan adequate to communicate the results of the project to the diverse stakeholders in the residential energy field?
- Are the technology transfer strategies innovative?
- Does the plan make good use of existing venues or annual events, and maximize opportunities related to the various team members?

3. Measurement and Verification (M&V) and Data Collection Plan

- Does the M&V plan follow accepted industry standards, provide for an appropriate approach for collecting necessary baseline data and a sufficient monitoring period?
- Will the M&V plan assess the ability of the demonstration project to address the identified barrier(s) to broader market adoption?
- Is the data that is proposed to be collected sufficient for estimating energy and environmental impacts and conducting cost-benefit analyses?

4. Potential for Replication

Does the demonstrated HEMS have potential for wide-scale replication in the residential sector?

5. Project Cost and Value

- How significant is the potential market opportunity relative to the proposed project cost?
- Is the funding requested adequate to achieve the proposed results and are proposed costs and indirect rates reasonable relative to other proposals?
- Is the proposed HEMS currently cost-effective? If not, what is the likelihood that it will become cost-effective in the next several years?

6. Qualifications, Experience, and Management Structure

- Does the team represent diverse stakeholders from the energy sector, does the proposal demonstrate that the proposer and team members have necessary qualifications and experience to undertake this project and do references confirm the ability of the team to perform this work?
- Is the team adequately organized and how well does the management plan coordinate team resources?
- Does at least one team member have solid experience and expertise in data collection and analysis?

7. Cost-Sharing

- Does the proposed project include 50 percent cost-sharing? If so, how does the level of cost share compare to other proposals?
- Does the level of cost share demonstrate a significant contribution by the proposer or team members?
- Economic Benefit to New York State

8. Other

- Does the proposer have past experience in demonstration projects?
- Does the proposer have previous experience with NYSERDA or utility-related programs?
- Does the proposer address hard-to-reach or low-income communities?

VII. GENERAL CONDITIONS

Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be accepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

Omnibus Procurement Act of 1992 - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division For Small Business 625 Broadway Albany, NY 12207

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207

State Finance Law sections 139-j and 139-k - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Contract Award - NYSERDA anticipates making multiple awards under this solicitation. It may award a contract based on initial proposals/applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms.

NYSERDA may request additional data or material to support applications. NYSERDA will use the attached Sample Agreement to contract successful proposals under Categories A and B. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers to Categories A and B in approximately six weeks from the proposal due date whether the proposal has been selected to receive an award. NYSERDA expects to notify applicants to Category C in approximately ten (10) business days from receipt of application. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

Limitation - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

Disclosure Requirement - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

VIII. Attachments:

Attachment A- Proposal Checklist

Attachment B- Disclosure of Prior Findings of Non-Responsibility

Attachment C- Instructions to Cost-Pricing Proposal Form

Attachment D- Cost-Pricing Proposal Form

Attachment E- Education Retail Event Guidelines and Application

Attachment F- Instructions for Electronic Submission of Proposals

Attachment G- Sample Agreement



Inventory of Supply Side Organizations in New York State's Clean Energy Economy
Request for Proposal (RFP) 2917
\$ 400,000 Available

Proposals Due: June 18,2015 by 5:00 PM Eastern Time*

The New York State Energy Research and Development Authority (NYSERDA) seeks proposals from organizations or individuals to inventory and characterize entities that operate within the various segments of New York State's Clean Energy Economy. The project will develop a detailed geo-coded inventory of clean energy organizations within the State that create "value-added tradable products" for various clean energy segments (e.g., photovoltaics [PV], smart grid, advanced buildings, wind energy, etc.). The information resulting from this project will be used to inform NYSERDA technology and business development programs. The data may also be used to assist State agencies and economic development entities in the development of policies and programs to foster continued growth in the State's Clean Energy Economy.

The selected contractor(s) will be required to identify clean energy organizations, characterize their respective roles in the business cycle (e.g., research, materials, advanced tooling, component manufacturing, finished assembly, etc.), geo-spatially map each organization, and use this information to identify clusters and core strengths in New York State.

Proposal Submission: Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this RFP's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are located in that section as Attachment E to this RFP.

If mailing or hand-delivering, proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing both a PDF and MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, RFP 2917 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

If you have technical questions concerning this solicitation, contact Christine Gifford at (518) 862-1090, ext. 3576 or christine.gifford@nyserda.ny.gov. If you have contractual questions concerning this solicitation, contact Elsyda Ahmed at (518) 862-1090, ext. 3232 or elsyda.ahmed@nyserda.ny.gov

Bidders Conference Call Information:

Date: May 26, 2015 1-3pm

Toll-free dial-in number: (866) 394-2346

Conference code: 5846744188

Please RSVP to Christine.Gifford@nyserda.ny.gov by 5pm on Wednesday, May 20th.

No communication intended to influence this procurement is permitted except by contacting Christine Gifford (Designated Contact) at (518) 862-1090, ext 3576 or christine.gifford@nyserda.ny.gov. Contacting anyone other than this Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

*Late proposals will be returned. Incomplete proposals may be subject to disqualification. It is the bidder's responsibility to ensure that all pages have been included in the proposal. Faxed or e-mailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at www.nyserda.ny.gov.

I. Introduction

To maximize its opportunities with limited resources, New York State program initiatives should be informed by comprehensive information about the current state of the Clean Energy Economy. Research supports the premise that regional industry concentrations, or "clusters", have shown much faster rates of growth and job creation than isolated establishments, and a cluster-based approach to economic development is successful. However, very few States have access to the rigorously-gathered, granular information needed to make objective assessments about the nature, prospects, and needs of their local clean energy clusters.

The purpose of this study is to better understand New York's key clean energy assets and will be organized as a data-driven analysis on the size, composition, and core competencies of clean energy organizations within the State. The study outcomes will help identify opportunities to accelerate growth in New York's Clean Energy Economy and is designed to provide NYSERDA with information that allows for increased focus and more appropriately targeted resources on opportunities with maximum strategic significance. For example, the study may identify a niche within a segment, or identification of areas that support resiliency, or other opportunities as a means of enhancing the State's investments in these areas.

The study will create an inventory of organizations within the identified segments of the Clean Energy Economy, classify their role within the industry (e.g. research, component manufacturing, or final assembly) and identify New York's core competencies within these market segments. The study will include an inventory of New York State assets that have value across segments, such as university research centers and pro-typing facilities. It should be noted that clean energy <u>services</u> are considered to be outside the scope of this study effort.

Definitions

For the purposes of this study, the following definitions apply:

- The Clean Energy Economy is defined as economic activity that produces goods designed to increase energy efficiency or generate various types of renewable energy, including heat, power and fuels. The solicitation is <u>not</u> targeted toward water efficiency, conservation, or non-renewable sources of energy such as coal, nuclear power or natural gas, nor is the solicitation targeted towards clean energy services.
- Organizations in the Clean Energy Economy include:
 - Start-up and established businesses engaged in researching, developing, commercializing and manufacturing clean energy products directly related to increasing energy efficiency or generating renewable energy.
 - Universities, research centers and test facilities, business incubators, and proof-of-concept centers related to increasing energy efficiency or generating renewable energy.
 - This definition does <u>not</u> include organizations involved with the distribution, sale, installation, or operation of clean energy goods. It also excludes services such as legal and financing. It does <u>not</u> include businesses engaged in researching, developing, commercializing or manufacturing products that do not directly result in the increase of energy efficiency or generation of renewable energy (e.g., low VOC paint).
- Value-added Tradable Products are defined as: goods that can be consumed somewhere other than
 where they are produced; products that add value by using skills and technologies uniquely applied to
 clean energy.¹
 - *Products:* goods that are available for purchase or provided by public sector entities as public goods should be considered.²

² Ibid.

3

¹ Rothwell, J. et al. (July 2011). Methodological Appendix for Sizing the Clean Economy: A National and Regional Green Jobs Assessment. Metropolitan Policy Program at Brookings

- Value-Added Clean Energy: Companies will be included in this study only if they "add value [to clean energy products] using skills or technologies that are uniquely applied to those products."3 For example, if a company manufactures screws, which are used in cleantech products just as they would be in any other product, then the screw manufacturer will not be included in the definition. However, if a company manufactures a product that is uniquely applied to cleantech, such as wind turbine blades, then it will be included in the study. 4
- Tradable: goods that can be consumed somewhere other than where they are produced.

II. **Program Requirements**

This section reviews the specific services requested, contractor/proposer eligibility, and the responsibility of each party to the agreement.

A. Services Requested

The successful proposer will be required to provide, but shall not be limited to, the following tasks:

TASK 1: Project Management

Subtask 1.1: Project Manager

The Proposer shall assign a project manager who will be responsible for communications with NYSERDA and coordination of all project personnel, subcontractors, schedule, budget, and reporting. The project manager shall serve as the coordinator between all project participants, including coordination of written Monthly Progress Reports, conference calls, project review meetings, and other developments.

Subtask 1.2: Meetings

At a minimum, the Proposer must describe a project management plan including but not limited to the following:

- An in-person kickoff meeting in Albany, NY to present strategy and discuss project scope, objectives, and overall task prioritization, as well as interim goals, with NYSERDA staff. This meeting should take place after a scope of work has been developed
- Bi-weekly check in calls to discuss project progress, issues and questions
- As needed, periodic webinars to present interim deliverables and findings
- An in-person wrap-up meeting in Albany to present findings of Draft Report, and to discuss NYSERDA comments on the Draft Report.

Subtask 1.3: Reporting

The successful proposer shall be required to submit monthly written progress reports to NYSERDA's Project Manager. The reports shall: summarize progress on contracted work efforts and provide interim results with respect to project objectives; identify problems encountered and how they will be resolved; indicate any significant deviation from the approved schedule; and summarize all costs incurred in relation to the budget and work progress.

TASK 2: Inventory of Organizations in New York's Clean Energy Economy

The proposer will describe how it will create an inventory of organizations within the identified segments of the Clean Energy Economy, focusing on upstream organizations that provide value-added tradable products. Segments that should be considered for the inventory include: Solar (PV and Thermal), Smart Grid, Transportation

³ Ibid.

⁴ NECEC.

Technologies, Advanced Building Technologies, and Wind power. See Appendix A for additional detail on the areas that should be considered within each of these segments.

In addition to the more traditional hardware and manufacturing components of these segments, energy information technology components of each segment must also be considered. These components include information technology (IT) or software-enabling technologies that assist with the deployment of clean energy (examples include energy resource management systems, vehicle telematics, car sharing, demand-side management, and utility based solutions). The proposer should describe how it will incorporate energy information technology components into the inventory, and present a methodology for identifying and sorting energy information technology organizations independent of technology sector within the geo-coded inventory for the purpose of mapping.

The selected contractor(s) will be provided with a limited starting dataset of company information (i.e. company name and segment), pulled from various sources within NYSERDA, industry groups, and other state agencies. The proposer should describe the strategy(ies) to be employed in building upon the initial inventory information to deliver a more in-depth work product (i.e. how to identify additional information beyond the company name, how to identify additional companies beyond those provided etc). The proposer should describe a methodology for identifying and gathering information about organizations in the Clean Energy Economy. Key information that should be provided on each entity includes: organization name and address, contact person and information, segment, role in the business cycle (e.g. research, component manufacturing, final assembly, etc.), organization types (e.g. company, university research center, proof of concept center, etc.), specific products produced, core competencies, and whether the organization is an established company or a start-up organization. The proposer should indicate whether the information will be gathered using primary or secondary research, with a focus on obtaining the information in the most cost effective manner.

In describing its methodology for collection of inventory data (what is to be included, and why), the proposer should demonstrate how it will gather all necessary information about all organizations across all listed sectors, using a combination of primary and secondary market research. A justification should also be provided describing the data that will be collected using secondary market research and which data will be collected using primary market research. The split should maximize the amount of accurate data collected across all segments.

NYSERDA aims to conduct market/survey research that conforms to industry standards and best practices, meets acceptable sampling precision levels while reducing bias, and is transparent in terms of reporting outcomes and identifying the methods and approaches used to conduct those analyses. To the extent applicable, data collection and reporting procedures should conform to CASRO guidelines that seek to support and improve the integrity and quality of research through agreed-upon rules of ethical conduct for research organizations that includes, but is not limited to, the responsibilities of a research organization to research participants (i.e., "respondents") as well as the responsibilities of organizations in reporting research project results. NYSERDA also has a number of data and research protocols, such as the secure and confidential intake of data at the end of a project; ensuring survey and interview responses are confidential to the extent permitted by law; and maintaining an ongoing record of respondents contacted during prior data collection efforts who have asked not to be contacted again. Such protocols will be provided to the selected contractor(s) who should follow them where applicable as the inventory is conducted.

Subtask 2.1: Characterize Core Competencies

The proposer should put forth a methodology to identify each entity's core competency, defined for the purpose of this study as an area of technical expertise or specialization. The proposer should then assess the organization level core competencies to identify those that are frequently occurring within New York's Clean Energy Economy. Other potential indicators of core competencies may include a clustering of NAICS codes, the number of patents in key technology areas, significant exports in key technology areas, frequent citation in academic papers, and federal R&D awards. Some examples include optics, imaging, precision mechanics, substrates, coatings, adhesives, mechantronics (the ability to marry mechanical and electronic engineering), thin films, and

microelectronics. The proposer should explain their approach for categorizing the core competency information, including how to identify an appropriate and useful number of core competencies to include.

TASK 3: Incorporate Energy Storage and Bioenergy Information into Inventory Database

In addition to the segments described in Task 2, NYSERDA will provide inventory information for the bioenergy and energy storage segments for the selected contractor(s) to incorporate into the final inventory work product. The proposer should describe a methodology for how this additional inventory information will be incorporated into the final inventory.

TASK 4: Plan to Update Information

NYSERDA may choose to update the inventory information on a periodic basis to ensure the inventory continues to provide value. The proposer should provide recommendations on how NYSERDA could conduct these updates. The proposer should propose a plan to organize the information, and a design for a system of data management which would allow the inventory to be easily and cost-effectively updated, including the additional or removal of appropriate entities, over time. The proposer should describe how frequently updates should be made and estimate the costs associated with the periodic updates. This cost estimate is separate from the \$400,000 available in this RFP. NYSERDA is not obligated to use the proposers update methodology or provide funding for this task to the proposer or any other entity beyond the \$400,000 in this RFP. NYSERDA will retain all ownership and proprietary rights for collected data.

TASK 5: Mapping and Info Graphics

Working from the inventory developed in Task 2, proposers should describe how they will use geo-coded data to generate map images of the organizations within the clean energy economy gathered for the inventory. The description should include what layers of information will be presented in the maps. These layers should include, but not be limited to segment, core competencies, role in the business cycle, product type, energy information technology component⁵, etc. to allow the data to be filtered and sorted based on many criteria. The proposer should also describe how it will identify industry clusters from this data, including but not limited to clusters based on NYS Regional Economic Development Council (REDC)⁶ region and metropolitan area (Core Based Statistical Area [CBSA] level). The selected proposer will need to provide specific associated metadata to operationalize the data contained in the mapping. This includes detailed definitions and explanations of the input methodologies to allow for editing and updating of the existing data, as well as adding new data. The map images and associated data (e.g. shapefiles, data tables, etc.) will ultimately reside with NYSERDA.

In addition to GIS mapping, the proposer should also propose other info graphics they will create from the inventory information. The selected contractor(s) will work with NYSERDA to identify the appropriate visual representations of the inventory data. The proposer should describe how the mapping and info graphic information will convey the key findings from the inventory research.

Deliverables

The proposer should describe the associated deliverables for each task in the appropriate section of the proposal.

B. Program Eligibility.

This section reviews proposer eligibility and responsibilities of the proposer and NYSERDA.

⁵ The final report/product should include a map showing only the energy information technology components.

- Eligible parties may include consultants, academics, researchers, or inter-disciplinary teams. Proposers are encouraged to form inter-disciplinary teams when appropriate to meet project goals.
- Teams may consist of a variety of entities: scientists; analysts; technologists; experts in specific fields; economists; commercial firms; government organizations; universities; research organizations; industry associations; or other stakeholders.
- Result-oriented teams with multi-disciplinary expertise, and experience in completing complex technical reports or publications are encouraged.
- Teams should consider providing the following technical expertise: economists; engineers; technologists; experts in: information technology, data centers, telecom, survey methods, primary data gathering, quantitative research methods, statistics; or experts in related fields, as appropriate.
- The lead proposer could be any organization responsible for successful completion of the project. If the
 proposal is selected for funding, the lead proposer will be selected to enter into an agreement with
 NYSERDA as NYSERDA's contractor.

Proposers must:

- Include letters of commitment from each team member in an appendix to the proposal.
- Address, at a minimum, each of the tasks listed in Section II.A.
- Define specific deliverables to be met at the completion of each objective. Interim deliverables that provide feedback to NYSERDA for use in evaluation of progress are required. It is anticipated that certain tasks will need to be completed earlier than others. In particular, the Draft Report should identify data uncertainties as well as additional outreach needs.
- Provide a research methodology within the proposal, both summarized briefly in the Executive Summary, and included in the proposed tasks as appropriate.
- Identify and emphasize, as appropriate, other innovative and effective approaches, strategies, and tools that support the Goals and Objectives of this RFP.
- Describe the management plan, including how the management plan has been organized, and how the team will partner with other research groups.
- Describe how the technical breadth of the project team addresses the necessary balance of interdisciplinary experience for successfully completing the project.
- Provide evidence of a demonstrated track record of successfully completing complex subject-relevant technical reports or publications in a timely fashion.
- Identify the Project Manager who will be responsible for managing the team. Previous experience managing diverse teams is highly desirable. Provide actual examples of relevant past work.
- Include tasks in the proposal to develop and implement strategies to measure success of the project.
 Specify performance goals.
- Submit a per-task cost table.

- Address the required timeline for the proposed work. All work should be completed by the end of 2015.
 The proposer should identify appropriate interim deliverables.
- Cost sharing is not required, but encouraged. Specifically, quantification of existing datasets should preferably be included as cost-share.

Other Proposer Considerations:

- A proposal may be considered non-responsive if it fails to comply with the requirements above, the Proposal Format of Section III, or the General Conditions of Section V.
- Before an award is made, potential contractors may be required to demonstrate: access to financial
 resources sufficient to perform the proposed work, appropriate technical experience and adequate facilities
 (or the ability to access them), a good performance record, and the ability to qualify for an award under
 applicable laws and regulations.

C. Contractor's Responsibility,

The selected contractor(s) shall be responsible for timely completion of the requirements described in this RFP.

The selected contractor(s) must assume the overall responsibility for: coordinating and developing data collection, analysis and reporting required by this RFP (whether or not done by the contractor or one or more subcontractors); acting as liaison with participating NYSERDA programs and external organizations; and adhering to proposed project budgets and completing the deliverables listed in this RFP.

The selected contractor(s) shall keep NYSERDA informed bi-weekly either by telephone, in-person meetings or e-mail on the progress of the market characterization and analysis efforts. The selected contractor(s) shall participate in approximately two meetings with NYSERDA staff at the start of the project, and upon delivery of the draft final report.

The selected contractor(s) shall coordinate closely with NYSERDA to present a complete picture of desired target market.

D. NYSERDA's Responsibility

The NYSERDA Project Manager will be responsible for overseeing and managing all tasks undertaken by the selected contractor(s), including but not limited to reviewing, commenting and approving tasks and subsequent deliverables; coordinating with program staff and interested external stakeholders; promoting coordination between the selected contractor(s) and NYSERDA's other evaluation contractors; and approving invoices promptly.

E. Available Funds

The maximum total funding available to support the services requested under this RFP is \$400,000. The project is expected to be completed within 6 months. Proposers should put forth their best proposal to address the scope of services requested in the time and budget allowed.

III. Proposal Requirements

Proposals should not be excessively long or submitted in an elaborate format that includes expensive binders or graphics. Unnecessary attachments beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the proposer, the RFP number, and the page number. Your goal as a proposer should be to concisely present the information needed to fully address the Objectives and Evaluation. Proposals that fail to follow the format guidelines may be rejected as non-responsive.

The technical proposal must be organized in the following format:

Proposal Checklist

Section 1: Introduction and General Information

Section 2: Executive Summary

Section 3: Statement of Work/Approach

Section 4: Management Structure

Section 5: Qualifications

Section 6: Project Schedule and Staffing Plan

Section 7: Potential Conflict of Interest

Section 8: Cost proposal

Appendices:

- Letters of Commitment from all subcontractors
- Research Methodology Addendum
- Resumes of key personnel that will complete the tasks described in "Section II Project Requirements – Services Requested
- Summaries of related work products that demonstrate proposers ability to perform the tasks identified (by organization and key personnel)
- Additional supporting material deemed necessary by the proposer (optional).

A. Technical Proposal Explanation

<u>Proposal Checklist.</u> Complete and sign the Proposal Checklist attached to this RFP, and include it as the front cover of each copy of the proposal. Note the following:

- Indicate whether you accept the Standard Terms and Conditions as contained in the attached Sample
 Agreement. If you do not accept the Standard Terms and Conditions, be prepared to provide alternative
 terms with justification based on the risk and benefit to NYSERDA and New York State.
- Be sure the individual signing the Checklist is authorized to commit the proposer's organization to the proposal as submitted.

A completed and signed Proposal Checklist must be attached as the front cover of your proposal. Late proposals will be returned and proposals lacking the appropriate completed and signed Proposal Checklist may be returned. Faxed or e-mailed copies will not be accepted.

Section 1: Introduction and General Information

This section should provide an overview of the proposal.

Section 2: Executive Summary. Briefly summarize your proposal emphasizing the following:

Critical questions to be addressed in statement of work.

- The research methodology, including how data will be gathered and analyzed (the proposer should also fully describe research methodology in specific tasks/objectives in the Statement of Work).
- Alternative approaches/methodology, and why your proposed approach/methodology was selected.
 Include assumptions.
- Benefits if the project is successful. Describe the benefits of this study and how the findings of this
 report useful, including potential additional uses for data collected.
- The executive summary should be no more than two (2) or three (3) pages in length. Please put the bulk of your effort into fully describing each task in the Statement of Work.

<u>Section 3: Statement of Work/Approach.</u> The Statement of Work is the primary document that outlines work activities and required performance for payment by NYSERDA. The Statement of Work must be in compliance with the scope of services requested, deliverables, and schedule outlined in this RFP. It is an action document that specifically delineates each step or procedure required to accomplish the tasks as listed in the Section II Program Requirements of this RFP. Therefore, each task shall be identified, indicating who will perform it, how why it will be performed and its intended result. Include quantifiable milestones as deliverables where possible. The Statement of Work must be structured as an ordered set of tasks. Please refer to program requirements (tasks) in drafting the statement of work.

<u>Section 4: Management Structure.</u> Proposers should identify all team members, including the Project Manager and any subcontractors, who will be responsible for ensuring that the project is timely and of good quality. Provide a clear description of the roles and responsibilities of each person in completing the work plan. Provide the names and addresses of subcontractors and describe how they were chosen. Provide an organization chart. Describe how you plan to coordinate this study with NYSERDA Energy Analysis staff. Resumes of all team members should be provided in an appendix.

<u>Section 5: Qualifications.</u> Describe specific experiences relevant to the performance of this type of project. Discuss proposed teaming arrangements, if applicable. A letter of commitment must be included for each team member in the proposal and should be included as part of the appendices. State the team's individual and combined expertise that would enable successful completion of the project. List and briefly describe relevant projects that have been completed by the proposer/proposing team, including projects completed in New York State. Indicate which team members were responsible for each project described. Indicate the name and telephone number of at least three references for whom your organization has completed similar projects. Summaries of prior work and other supporting materials that demonstrate your ability to complete the work requested in this RFP should be submitted as attachments to your proposal.

<u>Section 6: Schedule and Staff Plan.</u> The proposer should include a timeline for completing each task and major sub-task identified in the Statement of Work. Prepare a master schedule in bar chart form showing anticipated starting and completion times for each task, in terms of weeks or months after the contract is signed. The staffing plan should identify key personnel, including any subcontractors or other resources, responsible for completing each task. PROVIDE A TABLE SHOWING THE NUMBER OF HOURS EACH KEY PERSON OR SUBCONTRACTOR WILL SPEND ON EACH TASK AND THE TOTAL HOURS PER TASK.

<u>Section 7: Potential Conflict of Interest.</u> Identify the nature of any potential conflict of interest your firm might have in providing services to NYSERDA under this RFP. Discuss fully any conflicts of interest, actual or

perceived, which might arise in connection with your firm's performance of the proposed agreement. If conflicts do or might exist, describe how your firm would resolve them.

<u>Section 8: Cost Proposal.</u> Using the Attachment C Contract Pricing Proposal Form (CPPF) as a template, submit the name, title, and hourly rate or salary range for the duration of the agreement for each individual proposed to perform the work outlined in Section II Program Requirements, Subsection A, Services Requested (including all subcontractor personnel). Use the CPPF to provide overhead multipliers for the duration of the approximately 9 month agreement.

Attach documentation to support indirect cost (overhead) rate(s) included in your proposal as follows:

- 1. Describe the basis for the rates proposed (*i.e.*, based on prior period actual results; based on projections; based on federal government or other independently approved rates).
- 2. If rate(s) is approved by an independent organization, such as the federal government, provide a copy of such approval.
- 3. If rate(s) is based on estimated costs or prior period actual results, include calculations to support proposed rate(s). Calculation should provide enough information for NYSERDA to evaluate and confirm that the rate(s) are consistent with generally accepted accounting principles for indirect costs.

NYSERDA reserves the right to audit any indirect rate presented in the proposal and to make adjustment for such difference. Requests for financial statements or other needed financial information may be made if deemed necessary.

Travel expenses should be limited to activities that are necessary for the completion of project work, and cost share on travel expenses is strongly suggested. Necessary activities include tasks such as the kick-off and wrap up meetings, and direct stakeholder engagement. Any travel expense will need to be justified.

Per-Task Cost Table (required)

It is anticipated that projects will be paid on a performance basis as per-task deliverables and overall performance targets are met. Therefore, proposers must submit one (1) table indicating both:

- 1) the total expenditures for each task in the Statement of Work, and
- 2) the percent of total effort for each task.

Please note: Meetings based in Albany, NY are required. NYSERDA and the project team will review the First Draft Report and NYSERDA may request additional analysis or clarification on certain tasks. Allow funds for further analysis of identified issues in between submission of the First Draft Report and the Final Report.

Cost Sharing Table (include only if cost-sharing is provided) Cost sharing is not required, however leveraging of other funding is encouraged. Cost sharing can be from the proposer, other team members, and other government or private sources. Contributions of direct labor (for which the laborer is paid as an employee) and purchased materials may be considered "cash" contributions. Unpaid labor, indirect labor, or other general overhead may be considered "in-kind" contributions. NYSERDA will not pay for efforts which have already been undertaken. The proposer or proposing team cannot claim as cost-share any expenses that have already been incurred. Show the cost-sharing plan in the following format (expand table as needed):

Source	Cash	In-Kind Contributions	Total
NYSERDA	\$	\$	\$
Proposer			
Others (list individually)			
Total	\$	\$	\$

Appendices

Materials to be submitted include:

- · Letters of Commitment from all subcontractors.
- Research Methodology Addendum
 Additional supporting material deemed necessary by the proposer (optional).

Proposal Submission

Proposers must submit the appropriate number of copies of the completed proposal to the attention of Roseanne Viscusi at the address on the front of this Program Opportunity Notice/Request for Proposal. A completed and signed Proposal Checklist must be attached as the front cover of your proposal, one of which must contain an original signature. Late proposals will be returned and proposals lacking the appropriate completed and signed Proposal Checklist may be returned. Faxed or e-mailed copies will not be accepted.

In compliance with §139-j and §139-k of the State Finance Law (see Section VI, General Conditions below for additional information), additional forms must be completed and filed with proposals:(1) a signed copy of the Proposal Checklist including required certifications under the State Finance Law and (2) a completed Disclosure of Prior Findings of Non-Responsibility form. Failure to include a signed copy of the Proposal Checklist referenced in this solicitation may disqualify your proposal.

IV. Proposal Evaluation

All proposals received by the due date and meeting the requirements established in this RFP will be reviewed and ranked by a Technical Evaluation Panel (TEP) consisting of NYSERDA staff and selected outside reviewers. Final rankings and the contract award(s) will be based on the following Evaluation Criteria:

Responsiveness to the Work Scope of the RFP.

- 1. Does the proposer present a sound approach for accomplishing the objectives of this proposal?
- 2. Is there a sound rationale or justification for the proposed approach (es)?
- 3. Is there clear evidence that the proposer possesses the capability to complete this study?
- 4. Is the Statement of Work thorough, specific, and consistent with the stated objectives?
- 5. Has the proposer addressed, at a minimum all of the tasks listed in Section II.A of this solicitation?
- 6. Has the proposer defined specific deliverables to be provided at the completion of each objective?
- 7. Has the proposer provided a research methodology, both as part of an executive summary and included per task (where appropriate)?
- 8. Has the proposal identified and emphasized, as appropriate, other innovative and effective approaches, strategies and tools supporting the Goals and Objectives of the RFP?
- 9. Are tasks included in the proposal to develop and implement strategies to measure success of the project? Are specified performance goals provided?

- 10. Does the response to the RFP demonstrate a complete and thorough understanding of the project requirements?
- 11. Does the proposer address the required timeline of proposed work?

Relevant Experience and Qualifications.

- 1. Is there clear evidence that the proposer possesses the capability to conduct this work?
- 2. Are key personnel's education and experience relevant to project needs?
- 3. Is the project staff's overall capability appropriate?
- 4. Does the proposing team have experience in conducting similar research work?
- 5. Does the proposing team demonstrate experience in geographic information systems/science (GIS), or demonstrate other related cartographic, geographic or geospatial expertise?
- 6. Does the proposing team demonstrate experience in creating graphical and visual representations of data?
- 7. Does the proposal describe how the technical breadth of the project team addresses the balance of interdisciplinary experience?
- 8. Were examples of relevant past work provided?
- 9. Has the proposer provided evidence of a demonstrated track record of successfully completing subject-relevant technical reports or publications in a timely fashion?

Comprehensiveness of Approach and Management Plan.

- 1. Was a management plan described, including how the team will partner with other research groups?
- 2. Was a project manager who will be responsible for the management of the team identified?
- 3. Is there one team member designated as the day-to-day NYSERDA contact?
- 4. Has the proposer demonstrated the ability to institute appropriate data collection and analysis procedures?
- 5. Are appropriate management and coordination strategies articulated, including mechanisms for meeting coordination of staff that are off site and/or meetings with NYSERDA staff if not a local office?
- 6. Is the project organization, including the staffing plan, clear and well-defined?
- 7. Does the proposer describe a data collection quality control strategy?
- 8. Is the staffing plan sufficient to provide timely deliverables?
- 9. Does the management plan describe a process to provide periodic progress reports to NYSERDA?

Cost.

- 1. How cost-effective is the proposal?
- 2. Are hourly rates, overhead rates, indirect cost, other cost multipliers, and total hours reasonable and appropriate for the proposer's and subcontractor's personnel completing the tasks?
- 3. Are the proposer's and subcontractor's rates cost effective when compared to the cost allocation of comparable proposals?
- 4. Are the cost allocations sufficient to cover all of the study goals?
- 5. Is the cost structure comprehensive enough for reviewers to understand how each study requirement will be fulfilled?
- 6. Has a per-task cost table been included?
- 7. If including cost-share, are cost-share items outlined specifically?

Other.

1. Other considerations including, but not limited to past experiences with the contractor, notable position in the industry, known accomplishments on similar engagements, etc.

NYSERDA reserves the right to interview top proposers prior to making a final selection.

V. GENERAL CONDITIONS

Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

Omnibus Procurement Act of 1992 - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division For Small Business 625 Broadway Albany, NY 12207

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207

State Finance Law sections 139-j and 139-k - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a

prospective contractor prior to contacting and filed with NYSERDA. *See,* ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Contract Award - NYSERDA anticipates making one award under this RFP, but may make additional awards depending on the nature and strength of the proposals received. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers approximately 4-6 weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

Limitation - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

Disclosure Requirement - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

VI. Attachments:

Attachment A - Proposal Checklist

Attachment B - Disclosure of Prior Findings of Non-Responsibility

Attachment C - Project Personnel and Rates Form

Attachment D - Sample Agreement

Attachment E – Instructions for Submitting Electronically

Attachment F - Intent to Propose

Appendix A: Segment Scoping Information

The segments in this study shall include, but are not limited to, the listed sub-segments and technologies. This information is intended to serve as guidance and is not meant to be an exhaustive list of technologies that could be included in the inventory. The selected contractor(s) will work with NYSERDA to finalize the information within each segment that will be included. While not specifically listed in all segments, the contractor(s) should consider IT and software-enabling technologies that assist with the deployment of clean energy, where applicable. The list below is an example of potential inventories by segment to provide information on level of effort to inform the drafting of a proposal; specifics will be discussed and negotiated between NYSERDA and selected contractor(s).

Transportation

- Vehicles
 - o All electric
 - Rail transport innovation
 - o Alternative Fuel Vehicles
 - o Improved internal combustion (engine efficiency)
 - Hybrids
 - Water transport innovation
 - Components (e.g. advanced composites, lightweight materials)
 - eBikes
 - New vehicle types
 - System integration (includes improved integration of various systems within a vehicle to make it
 more efficient, vehicle to grid or vehicle to building integration, and smart transportation where
 vehicles are "communicating" with the transportation infrastructure)
- · Traffic management
 - o Fleet management
 - Traffic and route management
 - o Lighting and signals
 - o Parking management systems
 - Behavior management
- Fueling/charging infrastructure
 - Vehicle-to-grid (V2G)
 - Fast charging
 - Battery swapping
 - o Induction
 - Alternative fuel conversion

Wind

- Turbines
- Components
 - o Rotor
 - o Gearbox
 - Generator
 - Controls and Electronics
 - Tower and Foundation

Smart grid

- Transmission
 - Sensors and quality measurement
 - Distribution automation
 - o High voltage DC
 - Superconductors

- High voltage control devices
- RE & DER Integration/Interconnection
- Advanced Cabling/Conductors
- Substation Automation
- Demand management/response
- Energy management
 - o Advanced metering infrastructure (AMI) and smart meters
 - Networking equipment
 - o Monitoring and Controls
 - Utility Based Solutions
 - Advanced System Modeling/Applications
 - Software
 - o Cyber Security
 - o Quality and testing
 - o Self-repairing technologies
 - o Power conservation
 - o Power protection
 - o Data analysis systems

Solar

- Crystalline silicon
- Thin film
 - o a-Si
 - o CdTe
 - o CIGS
 - o Organic
- Inverters
- Other emerging PV technologies
- PV module technologies
- Concentrated solar power
 - o Thermal
 - o Photovoltaic
- Components
 - o Racking
 - o Collector
 - o Panel
 - Connector
 - o Power block
 - Utility meter
- Thermal
 - o Storage Tank
 - o Collectors
 - o Pumps
 - o Heat Exchangers
 - o System Sensors
 - o Controller

Green Buildings

- Design
- Building automation
 - Software and data analytics
 - Monitoring, sensors and controllers

- Metering
- Networking and communication Energy Resource Management 0
- Lighting
 - o Ballasts and controllers, fixtures
 - o Solid state lighting
 - Compact fluorescent lamps
 - Daylight harvesting
- Systems
 - o HVAC (including heat pumps)
 - Refrigeration
 - Water heating



Salesforce Application Development

Request for Proposal (RFP) 2990

Proposals Due: May, 21 2015 by 5:00 PM Eastern Time*

The New York State Energy Research and Development Authority (NYSERDA) is soliciting proposals from qualified contractors to provide design and build services for the implementation of *Salesforce* as an integrated enterprise solution. This solution will leverage and expand an existing *Salesforce* installation currently being used for Customer Relationship Management (CRM) and will allow for the replacement of disparate program-specific systems used to track projects and workflow.

Proposal Submission: Electronic submission is preferred, but NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposals must be submitted in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility (PDF format only). Proposal PDFs should be searchable and should be created by direct conversion from MS Word or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the Proposer's entity name. Proposals may be submitted electronically by following the link for electronic submissions found on this RFP's webpage, located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are available on the website and as Attachment F to this RFP.

If mailing or hand-delivering, Proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing a PDF or MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, RFP 2990 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

All proposals must be received by NYSERDA by 5 pm on 5/21/2015.

Technical questions concerning this RFP may be submitted to glen.kaatz@nyserda.ny.gov with the subject line "RFP 2990 Question." For contractual questions concerning this RFP, contact Elsyda Ahmed at (518) 862-1090, ext. 3232 or Elsyda.ahmed@nyserda.ny.gov.

No communication intended to influence this procurement is permitted except by contacting Glen Kaatz (Designated Contact) at (518) 862-1090, ext. 3203 or glen.kaatz@nyserda.ny.gov. Contacting anyone other than this Designated Contact (either directly by a Proposer or indirectly through a lobbyist or other person acting on a Proposer's behalf) in an attempt to influence the procurement: (1) may result in the Proposer being deemed a non-responsible offerer, and (2) may result in the Proposer not being awarded a contract.

*Late proposals will be returned. Incomplete proposals may be subject to disqualification. It is the Proposer's responsibility to ensure that all pages have been included in the proposal. Faxed or e-mailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at www.nyserda.ny.gov.

1. BACKGROUND

1.1 Corporate Background

NYSERDA is a public benefit organization committed to identifying opportunities for reducing commercial and residential energy consumption, promoting the use of renewable energy sources, and protecting the environment. NYSERDA provides financial and technical assistance to help consumers, businesses and institutions assess and implement cost-saving energy efficiency measures.

Energy efficiency programs offered at NYSERDA also strive to provide affordable energy and a cleaner environment for all New Yorkers. This is accomplished by increasing public awareness of the multiple benefits of energy efficiency, by providing residential building performance services, and by making energy-efficient products more widely available to consumers.

1.2 Typical Business Process

NYSERDA makes five types of investments (also referred to as incentives or grants) to secure energy and environmental benefits:

- Investments to partially fund an energy-related construction project;
- Investments to fund a pilot or demonstration project which include aspects of funding a construction project and the other associated costs of the pilot itself;
- Investments to partially fund or provide services through a third party to a business or entrepreneur to develop a technology or product;
- Investments to partially secure risk associated with a private loan portfolio; and
- Investments to partially fund other types of energy-related projects or activities not characterized as construction or technology/product development.

Each type of investment is initiated with either a bid for a competitive program or an application for an open enrollment program.

After a review process, a decision is made whether to award a bid for a competitive program or to accept an application for an open enrollment program. NYSERDA then enters into a contract with selected bidders and applicants.

The selected bidders and applicants complete the work required by the contract and provide proof of completion as well as other information as stated in the contract. NYSERDA then issues payment of the incentive or grant. Some programs issue only one payment for the work performed while others issue multiple payments over time based on a pre-defined schedule or on demonstrated operational performance. NYSERDA often continues to collect energy and economic data after the final payment.

1.3 Systems Background

There are three types of front line systems currently supporting NYSERDA's project management, workflow and program reporting functions:

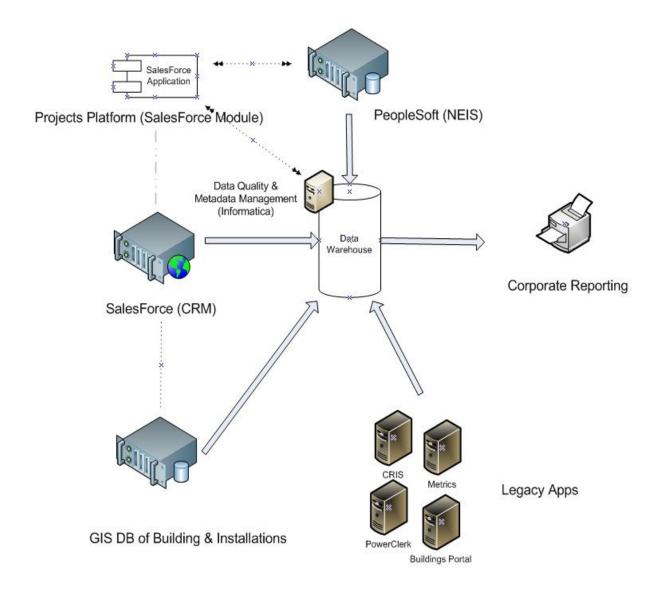
- Custom web applications (usually Microsoft .NET) built and maintained by internal staff;
- External systems on various platforms that are hosted and maintained by program implementation partners; and
- Spreadsheets and other data sources created and maintained by program staff.

These systems contain information about project details, contacts, location, energy production and savings, project and payment statuses, and incentive amounts and payments.

NYSERDA's financial accounting and contract administration system (NEIS) is on a PeopleSoft/Oracle platform on top of a Microsft SQL database. The system is hosted externally but maintained by internal IT staff as well as the hosting contractor. There is limited integration of NEIS and the project management systems described above.

NYSERDA developed and maintains a custom data warehouse on a SQL Server platform that utilizes Informatica as a data quality rules engine and Tableau as a front-end reporting tool. This system is used to improve data quality and to centralize much of the program reporting requirements at NYSERDA.

NYSERDA recently installed *Salesforce* to consolidate disparate CRM data for part of the organization. This will serve as the foundation for the enterprise solution described in this RFP. This diagram offers a high-level illustration of the desired solution.



1.4 Systems Strategy

NYSERDA's strategy with regard to systems and technology is to consolidate disparate commercial and internally developed products and platforms onto commercial off-the-shelf software (COTS) or enterprise solutions; reduce complexity, integration points, and ongoing cost of operations; and reduce customization wherever possible by modifying workflow in order to fit out-of-the-box or configured solutions. This will enhance NYSERDA's ability to calibrate and adapt its technology layer to best support its evolving programmatic and policy goals. Consolidating disparate program-specific systems on the *Salesforce* platform is part of NYSERDA's overall technology strategy.

2. PROJECT SCOPE AND REQUIREMENTS

2.1 Objectives

The goal of this project is to integrate several business processes on the *Salesforce* platform to allow for the replacement of disparate program-specific systems currently used to track projects and workflow.

NYSERDA expects this project to achieve the following objectives:

- Provide a cost effective, secure and accessible management platform solution with minimal customization.
- Streamline business processes around standard operations and common workflows to require minimal customization.
- Integrate contacts and customers with project information and financial transactions.
- Provide a flexible configuration to meet new and changing business requirements and programs.
- Reduce administrative overhead and maintenance costs associated with maintaining multiple systems on multiple platforms.
- > Improve data quality through point-of-entry controls and systems integration.
- > Enhance reporting capabilities, accuracy and accessibility.
- Create a solution that will enable ease of communication and data sharing with external organizations as driven by business and policy needs.

2.2 Scope of Work

The scope of this project is to design, scope, build and implement a set of *Salesforce* applications to support NYSERDA's core business processes by providing the following functionality:

- Allow for the creation of a project upon receipt of a formal proposal, application or pre-application for a NYSERDA program, and associate that project to the specific lead/account/contact in the CRM system or create such if it does not exist.
- Provide the appropriate project data structure and workflow based on a specific type of project, a specific program, and/or a specific solicitation.
- > Support the development of a project as it moves through NYSERDA's qualification, selection and approval processes.
- Upon the approval of a project or the selection of a bidder, push key account, contact and project data into the PeopleSoft contracting and financial system.
- Send and receive workflow status changes to and from the PeopleSoft system.
- Provide custom user experiences by creating project and status data templates and databases that are specific to the five fundamental types of projects that NYSERDA invests in.
 - <u>Construction</u> a project to install a system for producing cleaner or distributed energy, or to retrofit an existing facility/equipment with energy conserving or productivity enhancing technology. Capture location, equipment, energy and environmental data for each project. Allow data collection template to collapse for simple projects and expand for complex projects.

- <u>Pilots or Demonstration Projects</u> a project designed to prove the feasibility or cost/benefit of a
 technology or methodology, which is demonstrated through groupings of construction projects.
 Capture location, equipment, energy and environmental data for each project. Allow data collection
 template to collapse for simple projects and expand for complex projects. Allow for the aggregation
 and comparison of projects, groupings or sub-groupings across both project characteristics and
 benefits.
- <u>Technology/Products</u> a project to increase the success and/or cycle time of a business or entrepreneur in garnering capital investment, developing or commercializing products and employing New Yorkers. Capture location, technology, product type and sales, investment, employment and other data. Allow a standard data set to be collected periodically into the future to assess downstream impacts of the investment.
- <u>Financial Products</u> a project to increase the volume of loans and/or reduce the cost of loans made by private lenders in selected renewable energy, distributed energy and energy efficiency markets. Capture amount and type of loan activity including loan repayment and defaults. Capture data about the technology, energy and environmental benefits at a discrete loan and/or portfolio level.
- Other an energy-related project or activity not characterized as construction, technology/product development, or financial products. Capture descriptive data about the project/activity as well as energy and environmental data.
- Allow for flexible and extensible workflows and reports for the processing of a project's lifecycle from receipt through payment and close-out, and for the management oversight of these workflows and results.
- Data and metadata must be available to the Informatica rules engine for data quality and metadata management, and data needed to support reporting and analytics must be available to the data warehouse.

The solution must be designed, built and tested for both new NYSERDA programs with no existing projects and for existing programs with projects that must be migrated from the current system or database into *Salesforce*. For this engagement, the solution will be implemented for a set of programs to be determined by NYSERDA based on the corporate priorities and strategic goals at that time. For the purposes of estimating costs for this RFP it should be assumed that the set of programs may consist of:

- One (1) existing program and one (1) new program investing in construction projects found in the commercial/residential sector; consisting of 3-5 data entry screens, 20-30 data fields collected, 3-5 custom reports and 1-2 data integration points with existing external systems.
- Two (2) pilots investing in groupings of construction projects; consisting of 1-3 data entry screens, 10-20 data fields collected, 2-4 custom reports and 1-2 data integration points with existing external systems.
- Two (2) existing programs and one (1) new program investing in technology/product projects found in research and development; consisting of 3-5 data entry screens, 20-30 data fields collected, 3-5 custom reports and 1-2 data integration points with existing external systems.
- ➤ Three (3) types of financial products provided by the NY Green Bank; consisting of 3-5 data entry screens, 20-30 data fields collected, 3-5 custom reports and 1-2 data integration points with existing external systems.
- Two (2) types of other projects and/or activities not characterized as construction, technology/product development, or financial products; consisting of 1-3 data entry screens, 10-20 data fields collected, 32-4 custom reports and 1-2 data integration points with existing external systems.

NYSERDA anticipates this project will be completed in two phases: Requirements Definition and Design; and Application Development and Implementation. The first phase will entail a comprehensive needs assessment and development plan with the second phase requiring subsequent approval and funding by NYSERDA management to proceed. It is desired to have the same vendor complete both phases of the project, however NYSERDA reserves the right to split phase 1 and 2 awards across vendors based on bid of projects identified and scoped in phase 1.

Phase I: Requirements Definition and Design

The initial phase will be to architect a design and configuration that best supports the functional requirements, data definitions, business processes and integration requirements of the NYSERDA programs and systems. This phase is expected to be completed in 90 days. The anticipated Tasks and Deliverables for Phase I, may include, but are not limited to the following:

Tasks:

- Conduct business process review sessions with staff and document current and desired states.
- Determine functional requirements and identify data requirements.
- Design custom objects, define record types, and establish naming conventions based on functional requirements, data definitions and desired business processes.
- Develop an integration plan for integrating with the CRM system, the PeopleSoft financial system, the Informatica rules engine, and the data warehouse.
- Establish a data migration plan for migrating data from existing legacy systems into the Salesforce environment.
- Identify integration opportunities and plans for integration with other vendor systems as applicable to individual applications.
- > Size and document the types of data that will need to be collected, migrated and integrated.

Deliverables:

- Approach for project discovery and requirements definition
- Current and Desired Process Documentation (use cases and process flow diagrams)
- Functional Requirements Document
- Application Configuration Design
- > Integration Plan
- Data Migration Plan
- > ERD Diagrams
- Project Schedule for Phase II
- Cost Proposal for Phase II

Phase II: Application Development and Implementation

The second phase will be to build and implement a set of production-ready applications according to the design specifications agreed upon in Phase I. This phase will consist of two parts: one for application development and integration; and one for the testing, data migration, quality assurance, training, and initial rollout. The anticipated Tasks and Deliverables for Phase II, may include, but are not limited to the following:

Part A: Application Development and Integration

Tasks:

- Develop the approved applications to meet the functional requirements.
- Execute the approved Integration Plan.
- Create unit test plans for source code and integration services and perform as necessary.
- Establish roles and security configuration.

Deliverables:

- Accurately configured test and production instances.
- > Well documented source code, integration services and security configuration.
- Unit testing documentation.

Part B: Implementation and Quality Assurance

Tasks:

Execute Data Migration Plan.

- Perform post-migration testing of data quality and completeness.
- > Create and execute end-to-end integration testing and performance testing.
- Develop and conduct user acceptance testing for data accuracy and required functionality.
- Create and execute initial training materials.
- Implement applications in production.

Deliverables:

- > ETL and other migration scripts.
- Documented integration and performance testing results.
- > User acceptance test plan and testing results, including a requirements traceability matrix.
- Issues and defects tracking log with resolutions.
- Training documentation.
- Fully functional and integrated enterprise solution on the *Salesforce* platform.

2.3 Engagement Requirements

Once under contract, the selected Proposer (hereinafter referred to as "the Contractor") will be fully responsible for driving the successful completion of the project by utilizing a management approach and software development methodology suitable for the design/build nature of this engagement. NYSERDA will make available a cross-functional team to support the project throughout its lifecycle including a dedicated business analyst and a dedicated project manager to manage the contract, facilitate project activities, and communicate with upper management and staff. This project will undergo Independent Verification and Validation (IV&V) throughout its lifecycle.

The Contractor will be expected to be on-site at NYSERDA's offices in Albany for most of the Requirements Definition and Design phase of the project, for periodic progress meetings and demonstrations, for certain implementation and training activities, and for other key events. NYSERDA will provide on-site work space and computers, if necessary, to all project team staff. It is expected that much of the development will be conducted off site.

The cost structure of the project will consist of a fixed price for the *Requirements Definition and Design* phase followed by a time and materials basis for the *Application Development and Implementation* phase. In addition, the Contractor must provide post-implementation maintenance and support to designated NYSERDA contacts for a period of six months based on a blended hourly rate. This will be Tier 2 type support (i.e., non-end users) and may include email and telephone communications as well as on-site consultations.

2.4 Service Provider Qualifications

Proposers must demonstrate skill and expertise in developing successful integrated and customized *Salesforce* solutions, including the successful completion of <u>a minimum of six (6) comparable projects</u>, where "comparable" is defined as non-CRM projects involving system architecture, custom application development, and external system integration. Details of this experience must be provided as part of the Technical Proposal described in the *Proposal Content and Format* section of this RFP.

In addition, NYSERDA prefers the following qualifications:

- > Salesforce Alliance Partner (Gold Level or above preferred)
- Staff certified on the Salesforce platform (e.g., administrator, developer, architect, implementation expert)
- Experience working in a related business area (e.g., energy programs, government, construction and finance industry)

3. PROPOSAL CONTENT AND FORMAT

A completed and signed Proposal Checklist (Attachment A) must be attached as the front cover of the proposal, and must contain an original signature. Proposals lacking a signed Proposal Checklist will be returned and will not be considered for award.

For the purposes of evaluation, proposals should not be excessively long or submitted in an elaborate format that includes expensive binders or graphics. Unnecessary attachments beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the Proposer, the RFP number, and the page number. The proposal must be in the following format:

Section I: Executive Summary
 Section II: Technical Proposal
 Section III: Cost Proposal

Cost information must **not** be included in the Technical Proposal section.

3.1 Executive Summary

Provide a brief description of the overall approach and work effort. Please limit to 2 pages.

3.2 Technical Proposal

Technical Approach

Proposers should submit a Statement of Work that describes the proposed approach to performing the work and accomplishing the objectives identified in the *Project Scope and Requirements* section of this RFP. Where appropriate, Proposers are encouraged to include schematics and diagrams that provide both conceptual and technical descriptions of the proposed solution. The approach should address, at a minimum, the following:

- > Overall approach to customized Salesforce implementation projects
- Proposed system development methodology
- Approach for project discovery and requirements definition
- Approach for integrating with existing external systems
- > Approach for migrating data in a cloud-based environment
- > Approach to training and deployment

Additionally, the Proposer should provide hardware and operating system specifications for the proposed solution sufficient to enable NYSERDA to determine whether it will be necessary for the authority to procure additional hardware and/or operating system software. Any such hardware and/or operating system software will be procured through procurement(s) separate from this RFP.

Company Experience and References

Describe company qualifications and prior experience implementing customized *Salesforce* solutions. Identify a minimum of six (6) completed non-CRM projects and provide, at a minimum, information regarding:

- > Type of Salesforce implementation (e.g., CRM, application development)
- Project start and end dates
- Parameters indicating project size and complexity (e.g., number of end-users and locations, annual revenues, duration)
- > Duration of any ongoing support or training relationships after initial deployment
- Integration requirements with external systems
- > Type of client (e.g., government, non-profit, private) and industry sector

Provide a minimum of three (3) reachable references that can verify all offered experience. NYSERDA reserves the right to request information from any source so named, and further reserves the right to contact additional

references (including appropriate references not specifically named by the Proposer) to completely verify all offered experience, as well as to request additional references. Failure to provide reachable and responsive references will lead to the downgrading of a proposal's experience score. If the Proposer's team includes subcontractors, at least one (1) additional reference for each subcontractor must be provided.

Staffing Plan and Team Profile

Provide a proposed staffing plan that includes:

- Project organization chart (including size and composition of team)
- Identification of individual resources assigned to each of the project phases and tasks
- For subcontractors, a description of the specific need for the expertise and the arrangements for achieving subcontracting

Provide a profile/résumé (limited to no more than 2 pages) for each proposed team member. Each profile/résumé should include, at a minimum:

- Name
- Proposed role on this project
- Number of years of relevant experience
- Description of relevant experience
- > Relevant certifications

Note: Should it become necessary to replace any team member, NYSERDA expects the Contractor to provide a replacement with skills comparable to those of the replaced team member. NYSERDA also reserves the right to interview and approve the replacement prior to that individual joining the project.

Management Approach

Describe the proposed approach to managing the project. The management approach should, at a minimum, address the following:

- Project management methodology including a change control process, cost management approach, risk management plan, document control methodology, and a communication plan
- Work Breakdown Structure (Phase I only)
- Project Schedule (Phase I only)
- Proposed problem resolution/escalation process, including identification of the Engagement Manager

3.3 Cost Proposal

The Cost Proposal sets forth the fees for performing the work described in this RFP and provides a resource schedule consistent with the level of effort identified in the Technical Proposal. Proposers must complete the Cost Proposal Worksheet (Attachment E) which consists of three parts:

- A fixed price for the *Requirements Definition and Design* phase, including a resource-loaded schedule to document the level of effort used to derive the price;
- Fully loaded on-site and off-site hourly rates per resource type to be used for the *Application Development and Implementation* phase; and
- > A blended off-site hourly rate for post-implementation support.

Proposers are to submit fully loaded hourly rates that reflect applicable labor, overhead and fee costs including but not limited to printing, secretarial, program entry, computer charges, postage, travel, meals and lodging.

Attach documentation to support indirect cost (overhead) rate(s) included in your proposal as follows:

1. Describe the basis for the rates proposed (i.e., based on prior period actual results; based on projections; based on federal government or other independently approved rates).

- 2. If rate(s) is approved by an independent organization, such as the federal government, provide a copy of such approval.
- 3. If rate(s) is based on estimated costs or prior period actual results, include calculations to support proposed rate(s). Calculation should provide enough information for NYSERDA to evaluate and confirm that the rate(s) are consistent with generally accepted accounting principles for indirect costs.

NYSERDA reserves the right to audit any indirect rate presented in the proposal and to make adjustment for such difference. Requests for financial statements or other needed financial information may be made if deemed necessary.

4. EVALUATION OF PROPOSALS

4.1 General Selection Process

All written proposals will be reviewed and evaluated by a Technical Evaluation Panel (TEP) selected by NYSERDA. The TEP will score each Technical Proposal according to the criteria and scoring process described herein. Cost Proposals will be scored using the formula stated below.

4.2 The top-ranked Proposers will be invited to present a *Salesforce* solution relevant to this project. The TEP will score each presentation and the final score will consist of the total of the technical, cost and presentation scores. A contract award shall be offered to the Proposer who receives the highest total score. However, NYSERDA shall have no obligation or liability whatsoever to the Proposer selected as a result of this solicitation unless and until a contract satisfactory to NYSERDA is approved and executed.

4.3 Evaluation Process

The evaluation will be conducted in a comprehensive and impartial manner as set forth herein using the following steps.

Step	Title	Scoring Method
1	Mandatory Requirements and Minimum Qualifications	Pass/Fail
2	Technical Proposal	50%
3	Cost Proposal	25%
4	Total Proposal Score (Technical plus Cost)	Calculated
5	Technical Presentation (for qualifying Proposers)	25%

Step 1: Mandatory Requirements Review

NYSERDA will review submitted proposals for the mandatory requirements and minimum qualifications set forth in this RFP. All proposals meeting these requirements will proceed to the next step to be scored on the proposed technical solution and cost. Proposals that do not meet the minimum qualifications and mandatory requirements will not proceed further in the evaluation process. Mandatory requirements consist of:

Step 2: Technical Proposal Score

The TEP will evaluate the extent to which the Proposer's Technical Proposal meets the requirements as specified in this RFP under Section 3.2. TEP members will independently score each Technical Proposal and then meet to discuss the merits and scoring justifications of each Proposer. Evaluators will be allowed to revise scores based on the panel discussions.

Step 3: Cost Proposal Score

Cost Proposals will be evaluated based on the lowest total responsive proposer cost as detailed in Section 3.3. That is, the Proposer's cost that is the lowest will receive the maximum Cost Proposal Score. All other Proposers will receive a lower, scaled cost score based on the difference between their cost and the minimum Proposer's cost.

The Cost Proposal Score will be calculated as (A/B)*C ((A divided by B) times C) where:

^{*} From section 3.0, a proposal broken into 3 sections with an executive summary no more than 2 pages.

^{*} From section 3.2, description of a minimum of 6 completed non-CRM Salesforce projects.

A is total cost of lowest priced cost proposal

B is total cost of cost proposal being scored

C is maximum cost points available

The total cost of a proposal will be the sum of the Proposer's fixed cost provided for the *Requirements Definition* and *Design* phase and a calculated cost for the *Application Development and Implementation* phase that will be determined by applying the Proposer's hourly rates to a fixed level of effort per resource type. The level of effort per resource type will be determined by NYSERDA and applied consistently across all proposals.

Step 4: Total Proposal Score

The Total Proposal Score will be the sum of the Technical Proposal Score and the Cost Proposal Score.

The TEP will rank proposals in descending order from highest to lowest Total Proposal Score. Top-ranked acceptable Proposers will proceed in the evaluation process and be invited to present a solution relevant to this project. NYSERDA may, at its discretion, invite other Proposers to give a presentation.

Step 5: Technical Presentation Score

Proposers selected as described above will be invited to provide a technical presentation to the TEP. Proposers shall not be allowed to change their proposal during or after this presentation, unless responding to a request for clarification from NYSERDA.

TEP members will evaluate and score each presentation and the Technical Presentation Score will be added to the Total Proposal Score to determine a final score for a Proposer.

5. GENERAL CONDITIONS

Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://nyserda.ny.gov/~/medialFiles/About/ContactINYSERDARegulatjons.ashx. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

Omnibus Procurement Act of 1992 - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division For Small Business 625 Broadway Albany, NY 12207

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207

New York Executive Law Article 15-A - NYSERDA is required under the law to promote opportunities for maximum feasible participation of certified minority-and women-owned business enterprises and the employment of minority group members and women in the performance of NYSERDA contracts. The MWBE participation goals and obligations of the selected Contractor are set forth in the Sample Agreement.

State Finance Law sections 139-j and 139-k - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at http://www.tax.ny.gov/pdf/current forms/st/st220td fill in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Contract Award - NYSERDA anticipates making one award under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately (4) weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

Limitation - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

Disclosure Requirement - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

6. ATTACHMENTS

Attachment A: Proposal Checklist

Attachment B: Disclosure of Prior Findings of Non- Responsibility

Attachment C: Cost Proposal Worksheet

Attachment D: Sample Agreement

Attachment E: Electronic Proposal Submission Instructions



CHP System Inspection and Re-commissioning Request for Proposal (RFP) 3019

Proposals Due: May 19, 2015 by 5:00 PM Eastern Time*

The New York State Energy Research and Development Authority (NYSERDA) Combined Heat and Power (CHP) Acceleration Program (PON 2568) (http://www.nyserda.ny.gov/PON2568) supports the installation of CHP systems. In order to support this program, this RFP invites proposals for technical assistance to conduct site inspection and re-commissioning activities on CHP systems installed under PON 2568.

Proposals to this RFP will not be accepted from CHP vendors currently enrolled under PON/RFI 2568. The contractor selected under this RFP will not be eligible to enroll in PON/RFI 2568. NYSERDA anticipates selecting one proposer for this RFP.

Proposal Submission: Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this RFP's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are located as Attachment G to this RFP.

If mailing or hand-delivering, proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing both a PDF or MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, RFP 3019 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

If you have technical questions concerning this solicitation, contact Paul Vainauskas at (518) 862-1090, ext. 3554 or paul.vainauskas@nyserda.ny.gov. If you have contractual questions concerning this solicitation, contact Venice Forbes at (518) 862-1090, ext. 3507 or venice.forbes@nyserda.ny.gov.

No communication intended to influence this procurement is permitted except by contacting Paul Vainauskas (Designated Contact) at (518) 862-1090, ext. 3554 or paul.vainauskas@nyserda.ny.gov. Contacting anyone other than this Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

* Late proposals will be returned. Incomplete proposals may be subject to disqualification. It is the proposer's responsibility to ensure that all pages have been included in the proposal. Faxed or e-mailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at www.nyserda.ny.gov.

Introduction

NYSERDA is seeking proposals for contractors to provide CHP system inspection services and re-commissioning services in support of NYSERDA's CHP Acceleration Program ("Program") under PON 2568 at http://www.nyserda.ny.gov/PON2568. NYSERDA anticipates that approximately 200 CHP installations, currently ranging from 50 kW to 1.3 MW each, will be installed via PON 2568 and some-or-all of these will require system inspection services and/or re-commissioning services across New York State over the course of the next four years. The majority of these installations will be in and around the New York City area. Please note that the number of systems is an estimate and could change depending on economic conditions or State policies. Eligible CHP systems under the Program are listed in NYSERDA's CHP Acceleration Program CHP System Catalog at http://www.nyserda.ny.gov/PON2568.

The contractor (selected proposer) will be asked to perform system inspections to verify that CHP systems and their associated monitoring/data logging systems were installed consistent with system specifications, and that the monitoring/data logging system is properly installed and operational. These inspections will be an important component to support NYSERDA's review and approval for payment of invoices associated with the installation of equipment at the project site. A system inspection will generally be conducted promptly upon completion of system installation.

In addition, the contractor will be asked to perform re-commissioning services to verify that the CHP systems installed are performing as originally intended, and to identify opportunities for CHP system improvements and operational refinements. Re-commissioning will generally be conducted during the sophomore year of system operation.

Proposers must be capable and willing to perform both system inspection services and re-commissioning services. Proposals for system inspection services only or re-commissioning services only, will be deemed non-responsive.

Performance monitoring and data collection for installed CHP systems is in accordance with the Monitoring and Data Collection Standard for Distributed Generation/Combined Heat and Power (DG/CHP) Systems at http://www.nyserda.ny.gov/PON2568.

System Inspection Services Requested

System inspections will verify that the CHP equipment and monitoring equipment are installed in accordance with Program requirements and specifications. The contractor will work under the direction of, and in coordination with NYSERDA's Project Manager to provide system inspections for CHP systems. System inspection will be conducted upon completion of installation and initial commissioning of the system (the initial commissioning will be performed by the CHP system vendor).

The Contractor will be asked to conduct system inspections at sites throughout New York State. The Contractor will NOT be asked to verify that the CHP equipment was installed according to code. The Contractor may, however, be asked to verify the proper operation of the associated monitoring equipment and report any observations that may be of concern regarding the performance of the CHP system.

The Contractor shall be responsible for coordinating with the site owner/operator to schedule each inspection.

The Contractor will be required to prepare a report for each inspection and provide those to NYSERDA for review and acceptance. The reports will include photographs of installed CHP equipment and must identify any non-compliance with the system specification supplied by NYSERDA for the site. The Contractor will be expected to maintain records of site inspection for a minimum of 5 years following the date of inspection. Items to be verified may include, but are not limited to:

- Site/building name and location
- Name of CHP vendor
- Location of major system components at the site
- Number and rated output of CHP units
- Make, model and serial numbers of all major equipment including cogeneration units, inverters, pump modules, load modules, radiators, and other equipment panels as applicable
- Make and model of data logging device
- Location of sensors and meters with respect to proper measurement of associated system parameters between the CHP System and the site
- Communication support (phone, wifi, Ethernet, etc.) to the data logging device
- Proper configuration of priority loads for load shedding and backup operation

The Contractor is also expected to provide value added services during the system inspection, such as identifying installation peculiarities observed that might negatively impact the operation of the system.

Re-commissioning Services Requested

Re-commissioning will determine if the CHP system and monitoring equipment is operating as intended and in accordance with Program requirements and specifications, and that the system is interfacing properly with building controls and infrastructure. The contractor will work under the direction of, and in coordination with NYSERDA's Project Manager to provide re-commissioning services for CHP systems to seek optimization from an energy efficiency, economic performance, and emissions perspective. In general, a re-commissioning will begin between the first and second year of CHP system operation. The contractor is expected to perform the following tasks:

- Site Assessments including, but not limited to; reviewing existing CHP system documentation and performance data from NYSERDA's DG/CHP website (http://chp.nyserda.ny.gov/home/index.cfm), observing the system in operation, interviewing the building owner, system vendor, and others as needed to review system design, equipment installation and operational intent, reviewing equipment nameplate ratings, condition and calibration, reviewing control and operational problems, as well as operations and maintenance practices. The site assessment will also include looking at building occupancy and use, and identifying any changes since the original commissioning of the system and how those changes might impact CHP system operation.
- System Testing including, but not limited to; re-calibration of sensors/meters, testing the system for
 identification of operational deficiencies, and identifying changes that would provide cost effective or
 operational improvements. This step would include the identification of specific testing (may require the
 installation of temporary additional instrumentation) to verify that the system is operating as originally
 intended and may uncover issues or deficiencies in the system operation.
- Prioritize Issues Identified The contractor will work in consultation with the building owner and system
 vendor to prioritize issues identified during the re-commissioning. The value of any improvement will
 depend on many factors and the specific goals of the building owner. However, the primary emphasis will
 be on straightforward improvements that will be quick to implement and measure and will have meaningful
 impacts. The priority actions will need to be assessed for ball park costs to implement and benefits, in
 order to inform the investment consideration.
- Prepare Report The contractor will prepare a detailed report on each re-commissioning and will review it
 with the building owner, system vendor, the NYSERDA Project Manager, and others as needed. The
 contractor will provide recommendations based on the building owner's needs and priorities.

- Implementation System changes, adjustments, or improvements as a result of recommendations provided above may be conducted by the building owner or system vendor, depending on the complexity. The re-commissioning will not mandate any implementation, but it is anticipated that the coherent information provided by the re-commissioning will inspire rational decision making and accompanying actions by the building owner. Should the building owner decide to make any changes, adjustments, or improvements, the contractor is expected to provide clarification as needed for such implementation.
- Measurement and Verification Once any changes, adjustments or improvements have been made, the
 contractor may be required to return to the site at an appropriate time to verify the effectiveness of the
 changes and to ensure that the desired results are achieved. Additional data collection may be required as
 needed. The contractor will prepare an addendum to the re-commissioning report identifying the impact of
 the changes.
- Catalog Lessons Learned, Best Practices and Trends The contractor will develop a tracking system for compiling lessons learned and best practices for future sharing and dissemination. Information should be stored in a manner that allows users to identify information by keyword such that trends can be identified.
- Annual Report The contractor will prepare and submit an annual report during the course of the contract
 that summarizes the findings from the sites re-commissioned over the course of the previous twelve
 months. The report shall identify all of the sites re-commissioned, trends, lessons learned, issues with
 particular vendor equipment, and recommendations for similar projects that can benefit from specific
 lessons shared.
- Dissemination of Lessons Learned, Best Practices and Trends The contractor will be required to develop
 a plan for and conduct technology transfer activities, which may include publications, webinars, workshops
 and/or conferences as appropriate to help inform the marketplace of the lessons learned and the benefits
 obtained from the re-commissioning activities. This should be done in such a way as to encourage the
 marketplace that re-commissioning is beneficial and should be considered an integral part of implementing
 CHP.

Anticipated Timing of Workload

It is possible that there may be some built-up workload for system inspections and re-commissionings, upon contract execution. It is expected that the selected contractor will establish detailed procedures for performing this work soon after contract execution. System inspections are expected to be conducted promptly as installations are completed and rapid execution of the actual inspections and completion of inspection reports will be required. Some systems are already operating and may be ready for re-commissioning at the time the contract is executed.

Proposer Qualifications

- Proposer must demonstrate the ability to provide cost-effective, high-quality services to NYSERDA, and
 have the capability to coordinate and manage on-site work in a cost effective manner throughout New York
 State, with the majority of on-site activity taking place in the downstate region (Westchester and New York
 City), and must be capable of providing extensive services throughout the Con Edison territory while
 minimizing the cost of travel expenses related to the effort.
- Proposer must have demonstrated experience in CHP in the size range of 50 kW to 1.3 MW and show familiarity with various CHP related technologies such as reciprocating internal combustion engines (RICE), micro turbines and absorption chillers, and in particular, integration with existing building systems, evaluating CHP system performance, operational data analysis, system monitoring and testing, troubleshooting, identifying system improvements and operational refinements, and verification of effectiveness of changes.

- Proposer must have familiarity with New York State and New York City CHP rules and regulations
 affecting CHP, including utility (electric, gas, and steam), DOB, FDNY, Landmarks, NYC Department of
 Environmental Protection, and in particular familiarity with relevant certifications (e.g. UL 1741, UL 2200)
 and approvals required for NYC building permits and interconnection requirements.
- Proposer must demonstrate the capability to collect pertinent data, and compile it electronically so that the
 data can be organized in such a way so that common issues are detectable and trends can be identified.
- Proposer must have the ability to prepare highly technical written reports in an organized and easily
 understandable manner and effectively communicate to various stakeholders the content of those reports
 verbally through various formats such as meetings, webinars and conferences.
- Proposer/proposer team should have familiarity and experience with the following terms, concepts and analyses as they are related to the integration of CHP systems in existing facilities: facility load profiles, generator power output, fuel consumption, useful thermal outputs, parasitic loads (e.g., gas compressors, pumps, dump radiators, etc.) and equipment runtimes, monitoring hardware and instrumentation, energy flows and thermodynamic boundaries, flow of fuel, electricity and thermal energy between the CHP system and the facility, performance characteristics for key equipment and predicted annual power production. annual heat recovery savings, variation of CHP system power output, CHP system efficiency over wide range of annual operating conditions, quantifying the daily, weekly monthly, and annual variation of total facility power use (or power purchased from the utility) so that actual utility costs can be determined, determining the thermal loads imposed on the CHP system by the facility (or the useful thermal output supplied to the facility) to measure the total CHP efficiency of the system on a daily, monthly and annual basis; quantifying the variation of these loads with ambient conditions and operating schedules, quantifying the displaced fuel use on auxiliary equipment and systems to confirm the benefit of heat recovery, quantifying the amount of available thermal energy that is unused or "dumped" by the CHP system in order to demonstrate a system heat balance, determining the impact of generator operation on power quality in the facility (power factor, kVAR, frequency, total harmonic distortion), collecting diagnostic data to confirm the CHP system operates as expected and/or support of maintenance and operation activities, developing performance maps of CHP equipment and components to verify manufacturer specifications, determining environmental emissions from CHP equipment to quantify net emissions impacts of the system, and data logging equipment.

Proposer Eligibility

- Proposers may be organized as single entities or teams, but if the arrangement is a team, one entity must be identified as lead.
- Proposer must not have a real or perceived conflict of interest that might unduly bias them towards or against, and must not be strategically aligned with, any of the CHP vendors in the Program catalog.

Contracting

- NYSERDA anticipates awarding one contract under this solicitation; Attachment E is a Sample Agreement for this contract.
- NYSERDA may select the winning proposer, or proposing team, through review of written proposals, and at NYSERDA's sole discretion, followed by in-person interviews of a down-selected subset of proposers.
- NYSERDA anticipates executing a 48-month contract, with an option to extend the contract an additional
 12 months. NYSERDA will establish a master agreement, with some form of task work order issued for

each site that will undergo inspection/re-commissioning. Strategies will be refined as lessons are learned: it is likely that re-commissioning will be conducted on each-and-every project in a first batch of projects, thereafter it will remain to be seen if re-commissioning is justified for each-and-every subsequent project or if justified for only a subset of subsequent projects, or if a scaled-down version of the service is justified.

Annual Metrics Reports

If awarded, the proposer will be required to submit to NYSERDA's Project Manager on an annual basis, a prepared analysis and summary of metrics addressing the anticipated energy, environmental and economic benefits that are realized by the project. All estimates shall reference credible sources and estimating procedures, and all assumptions shall be documented. Reporting shall commence the first calendar year after the contract is executed. Reports shall be submitted by January 31st for the previous calendar years activities (i.e. reporting period). Please see Attachment F: Sample Metrics Reporting Guide for the metrics that you will be expected to provide and the reporting duration. NYSERDA may decline to contract with awardees that are delinquent with respect to metrics reporting for any previous or active NYSERDA agreement.

Proposal Requirements

Summary (2-page limit)

- Identify the prime (lead) proposer and all entities/team members collaborating in the proposal.
- Summarize your understanding of the requirements of this RFP, the general approach as to how you will fulfill them, and why NYSERDA should select your firm.
- Identify and explain any potential or perceived conflicts of interest or state that there are none to the best of your knowledge.

Qualifications and Experience (7-page limit)

Proposers must:

- Identify all team members (name, business address, telephone number), including the party who will assume the ultimate responsibility for success and their qualifications to undertake the proposed work. Attach resumes of key personnel in an appendix (will not count towards page limitations).
- Demonstrate how the proposer meets the Proposer Eligibility requirements listed above.
- Demonstrate how the proposer meets the Proposer Qualification requirements listed above. Provide
 specific examples of previous work as it relates to the qualifications required and services requested, with
 sufficient detail to adequately demonstrate your experience. Please include a sample inspection report and
 a sample re-commissioning report representative of your team's previous experiences (preferably
 regarding CHP projects, but surrogates regarding other complex energy technologies will be acceptable).
 Redacted versions are acceptable, but not encouraged. This sample does not count toward the page limit
 for this section.

Statement of Work

The Attachment D Sample Statement of Work provides a template for defining the work to be conducted under this RFP. Use this template as a basis to create a detailed Statement of Work that accommodates your approach to conducting the services that are requested. This Statement of Work should be submitted as part of your proposal and should include the following:

- Describe, in sufficient detail to adequately demonstrate your qualifications, your approach to conducting the system inspection services requested herein for the purpose of validating compliance in accordance with Program requirements and specifications.
- Describe, in sufficient detail to adequately demonstrate your qualifications, your approach to conducting
 the re-commissioning services requested herein for the purpose of ensuring that the system is performing
 as designed, as well as identifying opportunities for system improvements and operational refinements.
 Identify any value added services/tasks not listed herein that you think should be included in the recommissioning, especially those that might result in a significant benefit to the site owner if they were to be
 included.
- Describe your approach for collecting, organizing, and managing system operational data, and identifying lessons learned from the re-commissionings.
- Describe your approach to disseminating pertinent information and sharing lessons learned and best
 practices with the CHP marketplace including potential CHP customers. The objective is to further raise
 the competencies of CHP project developers and to build confidence in the marketplace and promote the
 implementation of CHP. This effort should also include the development of a "guide" which can be
 available for use by building owners to help them make informed decisions regarding implementation of
 CHP including the benefits of re-commissioning, as well as improvements to the way CHP systems are
 initially commissioned by the CHP system vendors.
- It is expected that as more systems are re-commissioned, there will be opportunities to streamline the recommissioning process, so that it can be performed better, faster and less costly. Describe your approach to streamlining the process to achieve the objectives above.

Cost Estimates for Typical CHP Installations

Provide detailed cost estimates for the following scenarios described below. Document any additional assumptions as needed to demonstrate a clear understanding of the scope of work requested.

- System inspection for a system comprising of an inverter-based CHP system (micro turbine or RICE) and heat recovery package, integrated into an existing electric, space heating and domestic hot water system.
- II. Re-commissioning for a system comprising of an inverter-based CHP system (micro turbine or RICE) and heat recovery package, integrated into an existing electric, space heating and domestic hot water system.

It is expected that as more systems are re-commissioned, the process for re-commissioning will be streamlined. Therefore, you should base your estimate on the first few systems and include a plan for streamlining that could enable subsequent systems to receive these services at reduced costs. Also, since the findings from a re-commissioning can result in additional follow up action which may involve further data analysis and subsequent site visits in order to validate the impact of potential changes implemented to the CHP system, please include in your estimate only the basic tasks that will be performed for every re-commissioning. A separate method of compensation for those additional "post-improvement" follow up services will be addressed accordingly.

Staffing Plan (2-page limit)

Prepare a staffing plan which indicates the roles, responsibilities, and anticipated hours allocated to all personnel, including any team members.

Workload Flexibility Plan (2-page limit)

The workload described in this RFP, particularly related to the re-commissioning activities, has the potential to vary depending on the size and complexity of CHP systems installed, the rate at which CHP systems are completed, the timing of those completions, scheduling constraints, and the findings identified as systems are re-commissioned. NYSERDA supports the notion of test-measure-adjust with regard to the way the program is administered for conducting these services and may choose to modify the quantity and/or frequency of CHP installations requiring re-commissioning. As such, NYSERDA anticipates regularly occurring communication to identify upcoming workload and associated issues. Describe your proposed priority sequence and capabilities for responding to periodic spikes and adjustments in workload intensity, and approaches for ensuring productive use of time and productive deliverables during periodic lulls in workload intensity.

Cost

Include a completed Personnel and Rates Form (Attachment C – Personnel and Rates Form) for the Proposer and each proposed team member organization or identified subcontractor.

Attach supporting documentation to support the multiplier or indirect cost (overhead) rate(s) included in your proposal as follows:

- Describe the basis for the rates proposed (i.e., based on prior period actual results; based on projections; based on federal government or other independently-approved rates).
- If rate(s) are approved by an independent organization, such as the federal government, provide a copy of such approval.
- If rate(s) are based on estimated costs or prior period actual results, include calculations to support proposed rate(s). Calculation should provide enough information for NYSERDA to evaluate and confirm that the rate(s) are consistent with generally accepted accounting principles for indirect costs.

NYSERDA reserves the right to audit any indirect rate presented in the proposal and to make adjustment for such difference. Requests for financial statements or other needed financial information may be made if deemed necessary.

Letters of Intent to Participate

• If a subcontractor is listed as part of your team, please provide a Letter of Intent to Participate from the subcontractor, as part of the proposal.

Proposal Evaluation

Proposals that meet proposal requirements will be reviewed by a Technical Evaluation Panel (TEP) using the evaluation criteria below:

- Has the proposer demonstrated the ability to provide cost effective services, adequate staffing and workload flexibility, particularly in the downstate region (Westchester and New York City) while minimizing the cost of travel expenses related to the effort?
- Does the proposer have sufficient technical expertise with the CHP technologies and size range identified herein, including operation, testing, and evaluation?

- Does the proposer have familiarity with the NYS & NYC rules and regulations associated with installation of CHP systems?
- Does the proposer's approach to conducting the system inspections as detailed in the Statement of Work seem reasonable and effective in verifying that CHP systems and their associated monitoring/data logging systems were installed in accordance with Program requirements and specifications?
- Does the proposer's approach to conducting the re-commissioning services as detailed in the Statement of Work seem reasonable and effective in verifying that the CHP systems are performing as intended, and identifying opportunities for system improvements and operational refinements? Does the Statement of Work adequately address all requirements identified herein?
- Does the proposer's approach to collecting, organizing, and managing system operational data, and
 identifying lessons learned from the re-commissionings, as detailed in the Statement of Work seem
 reasonable and effective in identifying common issues and trends, and does the proposer's approach to
 disseminating information to the CHP marketplace seem reasonable and effective?
- Do the proposer's written samples adequately demonstrate their ability to prepare highly technical written reports in an organized and easily understandable manner?
- Is the proposed cost reasonable with respect to the qualifications, proposed effort and other proposers?
- Did the proposal include all required documents including Letter of Intent to participate from subcontractor(s), if applicable?

NYSERDA, through its TEP, will review and rank each proposal based on this evaluation criteria. The TEP will consist of NYSERDA staff and selected outside reviewers.

GENERAL CONDITIONS

Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

Omnibus Procurement Act of 1992 - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development

Division For Small Business 625 Broadway Albany, NY 12207

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207

State Finance Law sections 139-j and 139-k - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at http://www.tax.ny.gov/pdf/current forms/st/st220td fill in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Contract Award - NYSERDA anticipates making one award under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately 10 weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

Limitation - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

Disclosure Requirement - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States,

and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

Attachments:

Attachment A – Proposal Checklist

Attachment B – Disclosure of Prior Findings of Non-Responsibility

Attachment C - Personnel and Rates Form

Attachment D - Sample Statement of Work

Attachment E – Sample Agreement

Attachment F - Sample Metrics Reporting Guide

Attachment G – Instructions for Submitting Electronic Proposals



Energy Modeling Partners Application to Provide New Construction Technical Support Request for Proposals (RFP) 3036

Applications accepted through May 31, 2016 by 5:00 PM Eastern Time*

Energy Modeling Partners

NYSERDA seeks firms interested in assisting NYSERDA with delivering technical support services to increase the performance of buildings and their energy systems to reduce overall greenhouse gas emissions. Energy Modeling Partners will deliver technical services on new construction projects to building owners, developers and leaseholders. Technical support services include but are not limited to: deep energy savings and zero net energy design services, building energy use simulation modeling, and specialized green building assistance. Costs for these services are cost-shared between NYSERDA and the new construction customer. Energy Modeling Partners will receive two-year agreements with NYSERDA that will allow them to perform technical services for customers with new construction projects. Agreements will contain two two-year options to renew at NYSERDA's discretion.

New Construction Support Services Summary

Initially, technical support services will be delivered through the Commercial New Construction Program Opportunity Notice PON1601Rev1. Through this program, NYSERDA offers objective technical support and financial incentives to building owners to effect a permanent transformation in the way buildings are designed and constructed in New York State. Funds are available to conduct technical assessments of energy efficiency improvements in building designs and to offset a portion of the incremental capital costs to purchase and install energy-efficient equipment in these buildings to reduce energy consumption. Incentives and services are also offered for buildings that achieve Leadership in Energy and Environmental Design (LEED®) or New York Collaborative for High Performance Schools (NY-CHPS) certification. Supplemental technical assistance is available for applicants pursuing a zero net energy or deep energy savings project.

In alignment with initiatives under NYSERDA's Clean Energy Fund proposal, future activities may require similar technical support services for deep-energy-savings and zero-net-energy projects.

Application Submission

Applications will be accepted through May 31, 2016 or until funds are fully committed, whichever happens first. Applicants may apply by mail, electronically, or online when available.

Submittal by Mail: Send two (2) clearly labeled, completed and signed application forms, one of which must contain an original signature, to:

Roseanne Viscusi, RFP3036 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

Submittal Electronically: Instructions for submitting electronically are located as Attachment F to this RFP. When submitting electronically, application documents must be in either PDF or MS Word format with a completed and signed Application Checklist, Energy Modeling Partner Application package with all required documentation, and Disclosure of Prior Findings of Non-Responsibility form. Application PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. All electronic files must be named using the applicant's entity name in the title of the document. Applications may be submitted electronically by following the link for electronic submissions found on this RFP's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities.aspx

No communication intended to influence this procurement is permitted except by contacting Marilyn Dare (Designated Contact) at (518) 862-1090, ext. 3348 or marilyn.dare@nyserda.ny.gov. Contacting anyone other than this Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

Technical questions should be directed to Marilyn Dare, at (518) 862-1090, ext. <u>3348</u> or marilyn.dare@nyserda.ny.gov. All Contractual questions should be directed to: Venice Forbes, ext. <u>3507</u> or <u>venice.forbes@nyserda.ny.gov</u>.

Application Review

Applications will be reviewed at least bi-weekly (i.e., every two weeks), and applicants will be notified of acceptance or rejection within 4 weeks after application receipt (see Section III - Application requirements for details).

*Late, incomplete, or unsigned applications will be returned. If changes are made to this solicitation, notification will be posted on NYSERDA's website at www.nyserda.ny.gov.

I. Introduction

A. Goals

The goal of this offering is to expand the market of firms that provide high quality energy modeling and analysis services with an emphasis on expanding standard design practices to achieve deep energy savings and zero-net-energy or zero-net-capable projects and transform the design and delivery of new construction projects in New York State.

B. Objectives

NYSERDA's objectives in offering this opportunity is to identify to the market qualified energy modeling firms capable of providing design assistance and reliable and credible energy models to influence design decisions and maximize energy savings. Further, NYSERDA seeks to identify those firms capable of engaging building owners and developers in deep energy savings and zero-net-energy or zero-net-capable projects.

C. Technical Support Services and Cost-Share Details

The current level and type of technical support services and the associated cost-share structures under which NYSERDA reimburses the Energy Modeling Partners are described in <u>PON 1601 Rev1 - New Construction Program Technical and Financial Support</u> [PDF].

II. Program Requirements - Scope of services to be provided

Firms accepted as Energy Modeling Partners will engage building owners and design teams to achieve energy-efficient, deep energy savings, zero-net-energy or zero-net-capable projects. These activities will include:

- · Scoping meetings and charettes;
- Scope development and budgetary estimate for technical support services;
- · Evaluation of building systems;
- Coordination with design teams, NYSERDA, and firms as designated by NYSERDA;
- Consideration of green building services and environmental impacts to reduce energy and greenhouse gas emissions;
- Performance validations;
- Other related areas or services as directed by NYSERDA.

III. Application Requirements

In compliance with §139-j and §139-k of the State Finance Law (see Section V, General Conditions below for additional information), additional forms must be completed and filed with proposals:(1) a signed copy of the Application Checklist (Attachment A) including required certifications under the State Finance Law and (2) a completed Disclosure of Prior Findings of Non-Responsibility form (Attachment C). Failure to include a signed copy of the Application Checklist referenced in this solicitation may disqualify your proposal.

The Application package consists of the following documents: Application Checklist, Energy Modeling Partner Application with all required documentation (described below), the Disclosure of Prior Findings of Non-Responsibility form, and the Project Personnel and Billing Rates Form.

A. Required Qualifications and Documentation: <u>Basic Technical Services</u>

In addition to providing a completed and signed Application, firms must also provide the following information:

Evidence that a current staff member is a New York State Licensed Professional Engineer (P.E.)
or Registered Architect (R.A.) and has at least 5 years energy efficiency experience (i.e., delivered
performance contracts, executed energy audits, Combined Heat and Power (CHP) projects,
demand response, etc.);

- 2) Evidence that a current staff member or named sub-contractor has at least 3 years of energy modeling experience and has either an Energy Modeler Certification or evidence of at least two energy models since 2009 validated by an independent third party (i.e., LEED);
- 3) Two projects managed by the applicant with narratives, technical details and backup documentation (i.e., input and output modeling files, etc.) demonstrating the ability to influence the design of buildings that exceed ASHRAE 90.1-2007 by at least 30% (design validated by an independent third party);
- 4) Two letters of reference with contact information;
- 5) Organization chart or matrix depicting the personnel and/or the staff position that will provide services to NYSERDA;
- 6) One-page resumes for the P.E. or R.A., the staff providing modeling services, and other personnel who will be directly involved in providing Basic Technical Services;
- 7) A completed Project Personnel and Billing Rates Form (Attachment C).

B. Required Qualifications and Documentation: <u>Zero-Net-Energy or Deep Energy Savings</u> (ZNE/DES) Technical Services

In addition to the items above, firms wishing to be listed as providers of ZNE/DES Technical Services must also provide:

8) **One** project managed by the firm with narrative, technical details and backup documentation (i.e., input and output modeling files, etc.) demonstrating the ability to model and influence the design of a building that exceeded ASHRAE 90.1-2007 by at least 40% and validated by an independent third party (i.e., LEED).

IV. Application process

Applications may be submitted by mail, electronically, or online, when available. Applications will be reviewed at least bi-weekly (i.e., every two weeks) by NYSERDA to determine if the items provided satisfactorily meet the qualifications and documentation requirements. NYSERDA reserves the right to accept or deny any application.

V. Accepted Applications: Approved and Provisional designations

- 1) For firms with technical assistance experience under NYSERDA's New Construction Program PON1601:
 - i. Approved firms will be listed on NYSERDA's website as an "Approved Energy Modeling Partners."
 - ii. There will be no limit to the number of open active projects an Approved Energy Modeling Partners are engaged in.
- 2) For firms with no technical assistance experience under PON1601:
 - Approved firms will be listed on NYSERDA's website as "Provisionally-approved Energy Modeling Partners";
 - ii. Provisionally-approved Energy Modeling Partners will be limited to two open active projects until two projects have been successfully completed (i.e., the final technical report has been approved by NYSERDA);
 - iii. Upon the successful completion of two projects, the partner will be listed on NYSERDA's website as an "Approved Energy Modeling Partner" and will not be limited to the number of open active projects.

VI. Denied Applications

Firms whose applications are denied may request a de-briefing and may reapply. Firms whose applications are denied twice may not reapply until 12 months after the initial application date.

VII. Contracting Process for Accepted Applications

 Contract Agreement and Statement of Work: Approved Energy Modeling Partners will enter into a standard contract agreement and Statement of Work (Attachment E). All work conducted under the Agreement will be defined by a project specific Task Work Order (TWO) for each project or service.

VIII. Project Process

The current project process is as follows. Any changes to the project process will be the subject of future solicitations and/or modifications to contract agreements.

- Customer Application: To receive whole building or custom measure technical assistance and incentives, customers must apply to NYSERDA before work commences, preferably at the time of schematic design.
- 2) Outreach Project Consultant: Upon receipt of a customer application, an outreach project consultant (OPC) is assigned to the project at no cost to the customer. OPCs are under contract to NYSERDA to assist applicants with project needs. The OPC coordinates the activities of the Energy Modeling Partner, reviews scopes of work and studies, and is available to answer questions from the customer. OPCs also conduct scoping meetings and charrettes in conjunction with the Energy Modeling Partner.
- 3) Customer and the Energy Modeling Partner: Customers select an Energy Modeling Partner from a list maintained by NYSERDA. If they wish to use a firm not on the list, that firm must follow the terms of this solicitation to apply and be placed on the NYSERDA list of firms able to provide new construction technical services.
- 4) Scoping Meetings and Task Work Orders: OPCs will coordinate and schedule a scoping meeting between the customer and the Energy Modeling Partner. After the initial scoping visit and meeting with prospective customers on specific projects, the Energy Modeling Partner will prepare a Task Work Order (TWO) describing the scope of services and measures to be evaluated and a fee proposal for that project. All TWOs and their corresponding not-to-exceed budgets must be submitted following NYSERDA guidelines and approved by NYSERDA prior to work commencing.
- 5) Compensation: Compensation for each TWO will be based on the Energy Modeling Partner's hourly rates plus allowable expenses to an upset maximum dollar amount. All work assignments will be managed by NYSERDA. Time spent on the initial scoping visit and preparation of the scope of work may be included in the fee proposal. Travel expenses may also be included at a reasonable cost of generally no more than 3% of the total budget for each project. The TWO will identify the total cost of the project, but NYSERDA will only be responsible for its cost-share, as described in PON 1601 Rev1 New Construction Program Technical and Financial Support [PDF]. Energy Modeling Partners will enter into agreements with the customer for the customer's share of the project cost.

IX. GENERAL CONDITIONS

Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes.

The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause <u>substantial injury to the competitive position</u> of the subject enterprise." Information

submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

Omnibus Procurement Act of 1992 - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division for Small Business 625 Broadway Albany, NY 12207

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207

State Finance Law sections 139-j and 139-k - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain new procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html. The attached Application Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a perspective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/2006/fillin/st/st220ca_606_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Contract Award - NYSERDA anticipates making multiple awards under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA expects to notify applicants in approximately 4 weeks from the receipt of an application whether your application has been selected to receive an award.

Limitation - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest.

Disclosure Requirement - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

X. Attachments:

Attachment A: Energy Modeling Partner Application Check List (Mandatory) Attachment B: RFP3036 Energy Modeling Partner Application (Mandatory)

Attachment C: Disclosure of Prior Findings of Non-Responsibility Form (Mandatory)

Attachment D: Project Personnel and Billing Rates Form (Mandatory)

Attachment E: Standard Agreement, Sample Statement of Work and Sample Task Work Order

Attachment F: Instructions for Electronic Submission



Operations and Maintenance Support Services for the State-Licensed Disposal Area (SDA) and the Western New York Nuclear Service Center (WNYNSC)

Request for Proposal (RFP) 3069

Proposals Due: May 12, 2015 by 5:00 PM Eastern Time*

NYSERDA seeks proposals for providing the West Valley Site Management Program (WVSMP) with a broad range of operation and maintenance services at the Western New York Nuclear Service Center (WNYNSC) including expertise, equipment and materials needed to conduct operations, maintenance and emergency response support services at the State-Licensed Radioactive Waste Disposal Area (SDA), and on the undeveloped areas of the WNYNSC.

The success of this task will be, in part, dependent on securing the services of a highly qualified, professional general maintenance company with experience in performing a variety of maintenance and management tasks in a highly regulated environment to support operations at the SDA as well as to maintain the WNYNSC Retained Premises and facilities.

The term of the contract will be for five years. The contract is expected to start on or about July 16, 2015.

Proposal Submission: Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format, with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this RFP's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are located in Attachment D to this RFP.

If mailing or hand-delivering, proposers must submit two paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing a PDF or MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, RFP 3069 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

If you have technical questions concerning this solicitation, contact Christopher Andrzejewski, P.E. at (716) 942-9960, ext. 4319, or Christopher.Andrzejewski@nyserda.ny.gov. If you have contractual questions concerning this solicitation, contact Venice Forbes at (518) 862-1090, ext. 3507, or Venice.Forbes@nyserda.ny.gov.

No communication intended to influence this procurement is permitted except by contacting Christopher Andrzejewski (Designated Contact) at (716) 942-9960, ext. 4319, or Christopher.Andrzejewski@nyserda.ny.gov. Contacting anyone other than the Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer; and (2) may result in the proposer not being awarded a contract.

*Late proposals and proposals lacking the appropriate completed and signed Proposal Checklist will be returned. Faxed or emailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's website at www.nyserda.ny.gov.

I. Introduction

The New York State Energy Research and Development Authority (NYSERDA) is seeking proposals for Operations and Maintenance Support Services for the West Valley Site Management Program (WVSMP) at their New York State-Licensed Disposal Area (SDA) and the Western New York Nuclear Service Center (WNYNSC) near West Valley, New York.

The success of this task will be, in part, dependent on securing the services of a highly-qualified, professional general maintenance company with experience in performing the variety of maintenance and management tasks in a highly regulated environment. NYSERDA has convened a Technical Evaluation Panel (TEP), with representation by NYSERDA and outside experts in general maintenance, to assist in the selection of this contractor.

II. Program Requirements

A. Services Requested

The attached Scope of Services (Attachment E) is being circulated to solicit bids from firms with general maintenance and construction expertise interested in performing the tasks defined by this RFP. Work for this task is expected to begin July 16, 2015, and continue through July 15, 2020.

B. Range/Scope of Services to be Provided

The specifics of the operations and maintenance services required under this task order are described in the attached Scope of Services. The activities covered under this Scope of Services, shall be performed in accordance Attachment F, Safety, Training, and Handling of Chemicals and Waste and all other applicable plans and procedures listed on Attachment H, Applicable Operations and Maintenance Plans and Procedures, include:

- Vegetation Control Procedure
- WNYNSC Perimeter Fence Maintenance Procedure (includes deer management support)
- SDA Electrical System Inspection and Maintenance Procedure
- Snow Removal Procedure
- Geomembrane Cover System Inspection Procedure

Other Services that may be required include:

- On-Demand Maintenance and Support Services
- Emergency Response Services
- Large Construction Projects

The contractor shall place and manage subcontracts as needed to complete the activities included in each task order. The contractor will provide Hazardous Waste Operations (HAZWOPER) qualified workers (including subcontractors) as necessary to perform work involving potential exposure to SDA trench leachate. All other health and safety training required by the WVSMP (Radiation Worker I or II, General Employee Training, NYSERDA Site Specific) will be provided, but must be coordinated through the cognizant Project Manager.

C. Proposer Qualifications

NYSERDA seeks proposal from firms with operations and maintenance expertise who have:

- Appropriate educational background, training, and experience of supervisory and/or project management staff
- Appropriate educational background, training, certifications and experience of field staff.
- Quality, availability, and depth of the resources and support systems identified and necessary to perform maintenance and construction services in a timely manner.
- Soundness of the approach to provide the required services and equipment needed to provide required services.
- Breadth of prior and current experience providing site maintenance and construction services appropriate to the current solicitation.
- Ability to provide the necessary resources to conduct high quality work in a timely manner.

Relevant education and training would include degrees, training certificates, and other accredited education focused on, but not limited to, project management, general contracting, equipment use and general maintenance or property management.

Relevant experience would include past general contracting and property maintenance including activities such as landscaping, snow removal, fence maintenance and painting.

Resources necessary to provide the full breadth of services would include sufficient organizational resources to provide the services described in the Scope of Services.

D. Division of Responsibilities

NYSERDA shall provide the following:

- Radiation safety support for all applicable on-site field work.
- Site-specific training for all contractor employees to allow unescorted access to the SDA.

The Contractor shall provide the following:

- 24-Hour Hazardous Waste Operations and Emergency Response trained personnel for all on-site field work.
- Task-Specific Safety Documentation meeting the requirements of the WVSMP safety program for each onsite task not covered by an existing procedure.
- Equipment needed to perform tasks outlined in the attached Scope of Services.

III. Proposal Requirements

A. Proposal Content

The Proposer will be required to prepare a proposal, schedule, and cost estimate for operation and maintenance support services described in this solicitation. The proposal must identify how the contractor will provide all the required services.

Proposals should not be excessively long or submitted in an elaborate format that includes expensive binders or graphics. Unnecessary attachments beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the proposer, the RFP number and the page number. A complete response to this Request for Proposals shall include two parts:

Part I - Technical and Management:

- Completed "Proposal Checklist" Form (Attachment A) to be attached to the front page of all copies of Part I of the proposal.
- Background/Objectives (one-page maximum).
- Services to be provided (three-page maximum).
- Management Plan and Schedule for the Work (eight-page maximum).
- Current Qualifications Statement that clearly presents the proposer's education, training and experience relevant to the Scope of Services.
- Plan for meeting the contract participation goals for minority and women-owned business enterprises in Attachment G (one-page maximum).
- Letters of commitment from all participating organizations (if applicable).

Part II - Cost and Disclosures:

- Disclosure of Prior Findings of Non-Responsibility "Executive Order 127" Form (Attachment B).
- Cost proposal including hourly rates and any other applicable costs or rates included on the attached Contracts Pricing Proposal Form (Attachment C, instructions included).
- Indictment/Conviction of Felony (if applicable).
- NYSERDA Contracts awarded (if applicable).
- Prior and/or Competing Proposals (if applicable).

In compliance with §139-j and §139-k of the State Finance Law (see Section VI, General Conditions below for additional information), additional forms must be completed and filed with proposals:(1) a signed copy of the Proposal Checklist including required certifications under the State Finance Law; and (2) a completed Disclosure of Prior Findings of Non-Responsibility form. Failure to include a signed copy of the Proposal Checklist referenced in this solicitation may disqualify your proposal.

Attach supporting documentation to support indirect cost (overhead) rate(s) included in your proposal as follows:

- 1. Describe the basis for the rates proposed (i.e., based on prior period actual results; based on projections; based on federal government or other independently-approved rates).
- 2. If rate(s) is approved by an independent organization, such as the federal government, provide a copy of such approval.
- 3. If rate(s) is based on estimated costs or prior period actual results, include calculations to support proposed rate(s). Calculation should provide enough information for NYSERDA to evaluate and confirm that the rate(s) are consistent with generally accepted accounting principles for indirect costs.

NYSERDA reserves the right to audit any indirect rate presented in the proposal and to make adjustment for such difference. Requests for financial statements or other needed financial information may be made if deemed necessary.

B. Proposal Evaluation Criteria

Proposals that meet proposal requirements will be reviewed by a Technical Evaluation Panel (TEP) using the following Evaluation Criteria:

1. Technical and Management Criteria:

- Quality and depth of the resources and support systems necessary to perform services.
- Qualifications of the firm including the educational background, training and experience of key personnel.
 Key personnel include field, technical, and supervisory and/or project management staff.
- Ability to provide the necessary resources to conduct high quality work in a timely manner.
- Breadth of prior and current experience in providing operational and maintenance program support services.
- Approach to provide the required services.

2. Cost Criteria:

- The reasonableness of the hourly rates proposed.
- A comparison of all proposers' costs and fees.
- A comparison of all proposers' firm cost estimate for required activities.

Interviews may be scheduled to further assess the qualifications of the proposers. After assessing the proposals from the technical and management criteria, cost criteria, and interviews (if necessary), the TEP will make a recommendation as to which proposer is most beneficial to the WVSMP.

IV. General Conditions

A. Proprietary Information

Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, nonconfidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which, if disclosed, would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary and confidential trade secret information should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. (See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx). However, NYSERDA cannot guarantee the confidentiality of any information submitted.

B. Omnibus Procurement Act of 1992

It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises (MWBE) as bidders, subcontractors and suppliers on its procurement agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division for Small Business 625 Broadway Albany, NY 12207

A directory of certified minority and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207

C. New York Executive Law Article 15-A

NYSERDA is required under the law to promote opportunities for maximum feasible participation of certified minority-and women-owned business enterprises, and the employment of minority group members and women in the performance of NYSERDA contracts. The MWBE participation goals and obligations of the selected Contractor are set forth in Attachment G.

D. State Finance Law (Section 139-j and 139k)

NYSERDA is required to comply with State Finance Law Sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at

http://www.ogs.ny.gov/aboutOgs/regulations/advisoryCouncil/StatutoryReferences.html

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law Sections 139-j and 139-k and the Disclosure of Prior Findings of Non-Responsibility Form includes a disclosure statement regarding whether the proposer has been found nonresponsible under Section 139-j of the State Finance Law within the previous four years.

E. Tax Law Section 5-a

NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that also must be completed and filed by a perspective contractor prior to contracting with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors, which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf).

F. Contract Award

NYSERDA anticipates making one award under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Scope of Services. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement (Attachment I) to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately six weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under the previous or active NYSERDA agreement.

G. Limitation

This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to standard terms and conditions of the Sample Agreement.

H. Disclosure Requirement

The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its "Right to Stop Work," pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

VI. Attachments:

Attachment A - Proposal Checklist Form

Attachment B - Disclosure of Prior Findings of Non-Responsibility Form

Attachment C - Contracts Pricing Proposal Form (CPPF) and CPPF Instructions

Attachment D - Electronic Proposal Submittal Instructions

Attachment E - Scope of Services for Operations and Maintenance Support Services for West Valley Site Management Program

Attachment F - Safety, Training, and Handling of Chemicals and Waste

Attachment G - Article 15-A (MWBE) Provisions for Solicitation Documents (non-construction)

Attachment H - List of Applicable Operations and Maintenance Plans and Procedures

Attachment I - Sample Agreement

Attachment J - Prevailing Wage Rates



Renewable Portfolio Standard Program Purchase of Renewable Energy Attributes Request for Proposals (RFP) No. 3084

Application Packages Due: Friday, May 8, 2015 by 5:00 pm Eastern Time**

APPROXIMATELY \$160 MILLION AVAILABLE

The New York State Energy Research and Development Authority (NYSERDA) seeks to procure the environmental attributes created by eligible generation resources under the Renewable Portfolio Standard Program (RPS Attributes). While not required, NYSERDA encourages entities interested in participating in this procurement to submit the attached Notice of Intent to Bid Form (Attachment F to this RFP) as soon as possible. Those entities filing a Notice of Intent to Bid Form will be notified by email of any changes to this RFP.

NYSERDA was created in 1975 by the New York State Legislature as a public benefit corporation. As designated in the Public Service Commission (PSC) *Order Regarding Renewable Portfolio Standard,* issued and effective September 24, 2004, NYSERDA acts as the Central Administrator of the RPS program. RFP 3084 will be implemented through a two-step process, consisting of (1) an application step that will prequalify bidders, and (2) a competitive Bid Proposal submission step. **Only those bidders found prequalified through the Step One application process will be permitted to submit Bid Proposals or otherwise participate in Step Two.**

Application Package Submission: Bidders must submit an original and three (3) copies of the Application Package with a completed and <u>signed</u> Application Package Checklist (Attachment A to this RFP) attached to the front of each copy. Application Packages must be **received*** by NYSERDA by 5:00 p.m. Eastern Time on May 8, 2015. Application packages must be clearly labeled and submitted to:

Roseanne Viscusi, RFP 3084 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

Program questions should be directed to rps@nyserda.ny.gov (no phone calls). Contractual questions should be directed to Nancy Marucci, ext. 3335, nancy.marucci@nyserda.ny.gov

No communication intended to influence this procurement is permitted except by contacting **Doreen Harris at (518) 862-1090, ext. 3337 or doreen.harris@nyserda.ny.gov (Designated Contact)**. Contacting anyone other than the Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsive offeror and (2) may result in the proposer not being awarded a contract.

*Late packages will be returned and those lacking the appropriate completed and signed package Checklist may be returned. **Faxed or e-mailed packages will not be accepted**. Packages will not be accepted at any NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at http://www.nyserda.ny.gov/All-Programs/Programs/Main-Tier/Main-Tier-Solicitations. Please check the website periodically as well as immediately before submitting an application package.

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I. WHAT'S NEW & IMPORTANT NOTES

The issuance of this RFP falls within a period of uncertainty regarding the future availability of Federal Incentives, such as the Production Tax Credit, for certain Renewable Portfolio Standard (RPS) Bid Facilities that have not entered Commercial Operation. In an effort to alleviate the risk associated with that uncertainty, the terms of the Standard Performance Contract for Bidders affected by this uncertainty will include a unilateral option to terminate, exercisable by the Bidder (Seller) between March 1 and March 15, 2016, with a full refund of all Contract Security provided as of the termination date. This option is limited and will be available only to Bidders of Class 1 Bid Facilities, as described in Section XIV.

Pursuant to a New York State Public Service Commission (Commission) decision "Order Modifying Renewable Portfolio Standard Program Eligibility Requirements," issued and effective May 22, 2013, to be eligible for an award under RFP 3084, a Bid Facility must be located within New York State, including offshore generating facilities directly interconnected to New York State's electrical grid.

A July 2, 2014 Commission Order "Order Authorizing Modifications to the Main Tier Solicitation Contract Term", directed NYSERDA to conduct an immediate 2014 solicitation and at least one in 2015. The Order also authorized NYSERDA to offer Contract Tenors of up to 20 years.

On December 15, 2014, the NYS Public Service Commission issued an order modifying the rules applicable to remote net metering under Public Service Law § 66-j, and directing the utilities to make appropriate tariff changes. On February 27, 2015, the Commission stayed that order, in part, and on March 19, 2015 issued a Notice Soliciting Comments on Transition Plan. Please note that the Commission's ultimate decisions on this matter will be applicable to all net metered Bid Facilities proposed under this RFP.

In addition, a February 26, 2015 Commission Order issued under the Reforming the Energy Vision, Case Order 14-M-0101 "Order Adopting Regulatory Policy Framework and Implementation Plan," directed NYSERDA to conduct an additional Main Tier Solicitation in 2016.

II. BACKGROUND: THE NEW YORK STATE RENEWABLE PORTFOLIO STANDARD

The Commission adopted the Renewable Portfolio Standard (RPS) program to address the energy, economic, and environmental objectives of New York State by increasing the amount of renewable electrical energy consumed in New York. See Case 03-E-0188, Proceeding on Motion of the Commission Regarding a Retail Renewable Portfolio Standard, and the various orders issued under that proceeding (Orders).

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¹ See Cases 14-E-0151; 14-E-

^{0422:} http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx? MatterCaseNo=14-E-0151 & submit=Search+by+Case+Number

The Orders designate the New York State Energy Research and Development Authority ("NYSERDA") as the Central Procurement Administrator of the RPS Program. Under this RFP, and in future offerings, NYSERDA seeks to accomplish the RPS objectives by contracting with suppliers, on a competitive basis, for the environmental attributes created by eligible generation resources under the Renewable Portfolio Standard (RPS Attributes). An Order, issued and effective December 3, 2010, directed NYSERDA to conduct competitive solicitations at least annually, and, with the concurrence of the Department of Public Service, as frequently as is deemed necessary and advisable in pursuit of achieving the 2015 program goals.

Information regarding current and past solicitations can be found at: http://www.nyserda.ny.gov/All-Programs/Programs/Main-Tier/Main-Tier-Solicitations

The RPS Orders can be accessed at the Commission's RPS webpage at http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx?MatterSeq=17
612

All Bidders are strongly advised to review the Orders before participating in this RFP.

III. OBJECTIVE OF THIS RFP

NYSERDA seeks to purchase RPS Attributes associated with electricity generated from eligible Bid Facilities, under the terms and conditions described herein. NYSERDA has designed this solicitation as a two-step process, consisting of (1) an application step that will prequalify bidders, and (2) a competitive Bid Proposal submission step. Only those bidders found prequalified through the Step One application process will be permitted to submit Bid Proposals or otherwise participate in Step Two.

To be eligible, a Bid Facility must have first commenced Commercial Operation on or after January 1, 2003, or must produce new, incremental RPS-eligible Attributes from new Bid Capacity above a historical baseline, as established through the Provisional Certification process. Bid Facilities must enter Commercial Operation by the Commercial Operation Milestone Date, in accordance with Section XV.

CAPITALIZED TERMS AND ABBREVIATIONS USED IN THIS RFP ARE DEFINED IN SECTION XXVII (DEFINITIONS). BIDDERS SHOULD REFER TO SECTION XXVII WHEN READING THIS DOCUMENT.

IV. INTENT TO BID

Submittal of a Notice of Intent to Bid Form (Attachment F to this RFP) is optional but encouraged, as it will enable direct communication of any changes in process or documents to prospective Bidders. Notification of such change(s) will be posted on the RPS website and sent via email to those parties who have submitted a Notice of Intent to Bid Form.

V. BIDDERS' TELECONFERENCE & INQUIRIES

NYSERDA will conduct a teleconference on **Thursday April 16, 2015 at 3:00 p.m. Albany, NY time.** On the teleconference, NYSERDA will review the bid process, the Application Package requirements, the Bid Proposal Requirements, and the RPS Standard Form Contract. Questions will be taken and, to the extent possible, responses will be provided during the conference. **Bidders who intend to participate must send an email indicating such to rps@nyserda.ny.gov, by 12:00 noon on Wednesday, April 15, 2015, with the subject line "Bidders' Teleconference."** Respondents will be provided with a teleconference dial-in number and pass code. Those parties who submit an Intent to Bid form (Attachment F to this RFP) will automatically be provided with the teleconference number and pass code. All Bidders are strongly encouraged to participate.

Bidders also have the opportunity to submit written questions pertaining to the bid process, the Application Package requirements, the Bid Proposal Requirements, and the RPS Standard Form Contract. Questions must be directed to rps@nyserda.ny.gov, with the subject line "RPS Question." Bidders are encouraged to submit questions prior to the Bidders' Teleconference. Questions can be submitted at any time, but must be received before 5 p.m. on Monday, April 20, 2015.

NYSERDA will post all questions anonymously, along with NYSERDA's responses, at http://www.nyserda.ny.gov/All-Programs/Programs/Main-Tier/Main-Tier-Solicitations, on or about Tuesday, April 28, 2015. These written responses will supersede any responses given by NYSERDA during the Bidder's Teleconference. All questions regarding the RFP documents or the process MUST be directed as indicated. Questions may not be submitted directly to any individual at NYSERDA, Department of Public Service Staff, or to individuals working for or on behalf of NYSERDA.

VI. SCHEDULE

The schedule for this RFP process is established to provide an expedited process for proposals, evaluations, and contract execution. The time-line for RFP 3084 is as follows:

RFP Release	Tuesday, April 7, 2015
Notice of Intent to Bid Form (optional) due	Immediately
Bidders' Teleconference	3 pm Thursday, April 16, 2015
Deadline to submit Written Questions	5 pm Monday, April 20, 2015
Responses to Questions posted on NYSERDA's	
website	Tuesday, April 28, 2015
Deadline to submit Application Packages and	
Provisional Certification Applications (Step 1)	5 pm Friday, May 8, 2015
NYSERDA notifies Qualified Bidders	Tuesday, June 2, 2015
Deadline to submit Bid Proposals (Step 2)	5 pm Wednesday, June 17, 2015
NYSERDA notifies winning Bidders (on or about)	July 2015

Please note that the above dates are subject to change. Submittal of the Notice of Intent to Bid Form (Attachment F to this RFP) is optional but encouraged, as it will enable communication of any changes in the RFP process or documents to prospective Bidders. Notification of such change(s) will be posted on the RPS website and sent via email to those parties who have submitted a Notice of Intent to Bid Form (Attachment F to this RFP).

VII. NYSERDA'S RPS FUNDING

The contracts awarded through this RFP will be funded through the non-bypassable "RPS surcharge" which is levied on the delivery portion of the electricity bills of New York retail customers. The RPS surcharge is collected by the State's investor-owned utilities, pursuant to the Orders. The September 24, 2004 Order directed each of the State's investor-owned utilities to collect a fixed dollar amount through the rate surcharge on an annual basis, in varying amounts for calendar years 2006 through 2013, and to make the fixed dollar payments set forth at Appendix E of the September 24, 2004 Order to NYSERDA on a quarterly schedule beginning in 2006 and continuing through 2013. In an Order dated April 2, 2010, the Commission established a new schedule of payments to NYSERDA for funding of the RPS program that, in the aggregate, total approximately \$3 billion through 2024. This collection process and the surcharge pass-through transfer payments to NYSERDA are similar to the process that has been used successfully for System Benefits Charge ("SBC") funds since 1998. As directed by the Orders, each of the five investor-owned utilities has entered a contract with NYSERDA to make transfer payments of the RPS surcharge funds through 2024.

NYSERDA funds are maintained by the New York State Commissioner of Taxation and Finance, NYSERDA's fiscal agent pursuant to the Public Authorities Law (Section 1859); the RPS surcharge funds are maintained in a segregated account. The RPS revenues and expenditures are separately reported in NYSERDA's annual financial statements, which are public and subject to an annual independent audit.

VIII. ELIGIBILITY/CERTIFICATIONS

A. Eligibility

Each Bid Facility designated in an Application Package for the supply of RPS Attributes under this RFP must qualify as an eligible resource under the "Main Tier Eligible Electric Generation Sources" rules, as set forth at Appendix B of the September 24, 2004 Order as amended by the attachment to the June 28, 2006 "Order on Customer Sited Tier Implementation," as further defined and clarified within the body of the Orders.

Pursuant to the Commission's "Order Approving Petition with Modifications," issued and effective November 22, 2010, clean wood separated from construction and demolition debris at approved material reclamation facilities is eligible for use as biomass fuel,

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² See "Order Authorizing Customer-Sited Tier Program Through 2015 and Resolving Geographic Balance and Other Issues Pertaining to the RPS Program," issued and effective April 2, 2010, Appendix, Table 16.

provided that all of the requirements listed within the November 22, 2010 Order (see Order pp. 16-17) are fulfilled.

Pursuant to the Commission's "Order Modifying Renewable Portfolio Standard Program Eligibility Requirements," issued and effective May 22, 2013, to be eligible for an award under RFP 3084, a Bid Facility must be located within New York State, including offshore generating facilities directly interconnected to New York State's electrical grid.

To be eligible for an award under RFP 3084, a Bid Facility must have first commenced Commercial Operation on or after January 1, 2003, or must produce new, incremental RPS-eligible Attributes from new Bid Capacity above a historical baseline, as established through the Provisional Certification process.

B. Eligibility Limitations

<u>Previous NYSERDA Funding</u>. Offers of RPS Attributes produced by projects or Bid Facilities that have collected funding through NYSERDA for investment in any electric or gas plant, as such terms are defined under Section 2 of the New York State Public Service Law, except for equipment or appurtenances designed to measure, assess or lessen the environmental impact of such facilities in a manner or to an extent not already required under law, regulation or an existing permit, are ineligible for participation in RFP 3084.

No Bid Facility or project may simultaneously collect both New York RPS incentive payments and production-based incentives from any other state or local source for the Quantity Obligation created as the result of a Standard Form Contract executed under RFP 3084.

All Bid Facilities are subject to the Bid Facility electricity delivery requirements as set forth at Section XXI. RPS Attributes that are the subject of a current award or that are included in the Bid Quantity of a current contract from a previous RFP are not eligible for RFP 3084. The maximum 20-year Contract Tenor will not be available to extend any past or current RPS Agreement.

C. Provisional Certification

In addition, each Bid Facility must meet all of the requirements of the Provisional Certification process. Provisional Certification affirms that a project can meet the RPS Program's eligibility criteria. Only after the project is provisionally certified may it be considered for the award of an RPS contract. Such certification will be made through the Provisional Certification process, as outlined on NYSERDA's website at http://www.nyserda.ny.gov/All-Programs/Programs/Main-Tier/Applying-for-Provisional-Certification.

Bid Facilities must complete the Provisional Certification process, even where provisional certification was granted for a previous RFP.

The Provisional Certification process will also determine the Maximum Contract Tenor available to the Bid Facility and the Bid Facility's eligibility as either a Class 1 or 2 Bid Facility.

Bidders must include in their Provisional Certification submissions to NYSERDA data pertaining to facility and fuel characteristics, as appropriate to the resource, in sufficient detail to enable a full evaluation regarding eligibility. In addition, for any Bid Facility that has entered Commercial Operation as of April 7, 2015, Bidders must include in their Provisional Certification submissions to NYSERDA records and data in sufficient detail to determine the actual date of Commercial Operation. Collectively, this information will be utilized to determine the Bid Facility's overall eligibility, Class (1 or 2) and Maximum Contract Tenor under RFP 3084, as described below.

Bid Facility Class:

Through Provisional Certification, a Bid Facility will be classified as either a Class 1 or Class 2 Bid Facility. Class 1 Bid Facilities are facilities utilizing eligible wind, biomass, biogas, liquid biofuel, tidal, ocean or hydroelectric resource types that are also a "qualified energy resource" as defined under 26 USC § 45 and have not entered Commercial Operation as of April 7, 2015. All other Bid Facilities will be classified as Class 2 Bid Facilities. As described in Section XIV, the Standard Form Contract will include a limited option, for Class 1 Bid Facilities only, for unilateral termination without penalty.

Maximum Contract Tenor:

The Contract Tenor offered for a Bid Facility will be limited by the term of the Maximum Contract Tenor. For all Bid Facilities not in Commercial Operation as of April 7, 2015, the Maximum Contract Tenor will be calculated as the lesse<u>r of</u>:

- (1) 20 years, or
- (2) The Bid Facility's Useful Life.

For all Bid Facilities in Commercial Operation as of April 7, 2015, the Maximum Contract Tenor applicable to the project's bid will be calculated as the lesser of:

- (1) 20 years (240 months) minus the number of years (months) between the year (month) of Commercial Operation and April 2015 (rounded to the nearest full year), or
- (2) The Bid Facility's Useful Life minus the number of years (months) between the year (month) of Commercial Operation and April 2015 (rounded to the nearest full year).

The following table lists the Useful Life by resource for use in the calculations of Maximum Contract Tenor for RFP 3084. This table was developed using references from published industry sources.

Table 1. Default Values for Useful Life used to determine Maximum Contract Tenor

Resource	Useful Life (years)
Anaerobic Digestion	20
Biomass/Liquid Biofuel	20
Fuel Cell ³	20
Hydroelectric (New or Upgrade)	50
Landfill Gas to Electricity	15
Solar PV	20
Tidal/Ocean	10
Wind	20

Bidders may submit Step 2 bids for any Contract Tenor of a minimum of one year and a maximum of the Maximum Contract Tenor identified through Provisional Certification.

It is strongly recommended that Bidders visit the Provisional Certification website and apply for Provisional Certification in advance of the Application Package due date. Please note that facilities granted Provisional Certification under a previous RFP must reapply for Provisional Certification in order to participate in RFP 3084. See Section X; A.

D. Operational Certification

Operational Certification verifies that the Bid Facility has been constructed and/or will operate in accordance with the Bid Proposal as submitted, for which Provisional Certification was granted. Operational Certification must be applied for in writing to NYSERDA and must be granted by the Department of Public Service before payments under the RPS Standard Form Contract will be made by NYSERDA. Seller must promptly notify NYSERDA's Project Manager of the date upon which the Bid Facility enters Commercial Operation (See Section XIII).

In applying for Operational Certification, Seller must submit to NYSERDA information and documentation necessary for NYSERDA to verify that the Bid Facility is operating as proposed and for which Provisional Certification was granted, including the generating capacity of the Bid Facility, the date under which it entered Commercial Operation as proposed, and any deviations from the as-proposed configuration and/or operations. Deviations in the capacity of the Bid Facility, configuration, and/or operations may result in contractual adjustments referenced in Section XIX.

Verification by NYSERDA that the Bid Facility has entered Commercial Operation and is eligible for Operational Certification may be based in part on documentation, audits, site visits, and attestations. For Fuel-Based Bid Facilities, the Seller will be required to

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³ Bidders of Fuel Cell Bid Facilities offering a Contract Tenor in excess 10 years on the Bid Proposal form will be required to provide, prior to NYSERDA's execution of an Agreement, an executed Bid Facility operations and maintenance agreement with the Bid Facility's host customer for a term which is greater than or equal to the proposed Contract Tenor.

provide additional information as outlined in Exhibit E to the Fuel Based Bid Facility Standard Form Contract (Attachment H to this RFP).

Once Operationally Certified, NYSERDA will make payments for RPS Attributes associated with energy generated by the Bid Facility beginning with the commencement of the Contract Delivery Term, based on monthly invoicing, in accordance with the terms of the RPS Standard Form Contract.

For more information on the Operational Certification process see http://www.nyserda.ny.gov/All-Programs/Programs/Main-Tier/Operational-Certification.

E. Subsequent Changes

Bid Proposals and/or Bid Facilities selected for award under this RFP will not be subject to subsequent changes in RPS eligibility rules; however, in the event that the Bid Facility fails to maintain eligibility consistent with the RPS requirements as they existed on Tuesday, April 7, 2015, such ineligibility will extend to the RPS Attributes associated with the Bid Facility's production throughout the entire period in which the Bid Facility fails to maintain eligibility.

On December 15, 2014, the NYS Public Service Commission issued an order modifying the rules applicable to remote net metering under Public Service Law § 66-j, and directing the utilities to make appropriate tariff changes. On February 27, 2015, the Commission stayed that order, in part, and on March 19, 2015 issued a Notice Soliciting Comments on Transition Plan. Please note that the Commission's ultimate decisions on this matter, whenever they may issue, will be applicable to all net metered Bid Facilities proposed under this RFP.

IX. PARTICIPATING IN THIS RFP

NYSERDA has designed this procurement as a two-step process, consisting of: (1) an application step that will prequalify bidders, and (2) a competitive Bid Proposal submission step. Only those bidders found prequalified through the Step One application process will be permitted to submit Bid Proposals or otherwise participate in Step Two.

X. STEP ONE - APPLICATION PACKAGES

A. Submitting an Application Package

To be considered for qualification to participate in Step Two (Bid Proposal), Bidders must provide NYSERDA with one complete original Application Package and three (3) copies for each Bid Facility as described on the first page of this RFP from which RPS Attributes may be used for performance under a Standard Form Contract. NYSERDA will review each Application Package and make determinations in conjunction with the

⁴ See Cases 14-E-0151; 14-E-0422: http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx?MatterCaseNo=14-E-0151&submit=Search+by+Case+Number

Department of Public Service Staff, as to qualification for participation in Step Two. It is anticipated that all bidders will be notified of such determinations no later than Tuesday, June 2, 2015.

A complete Application Package consists of:

- 1. Signed Application Package Checklist (Attachment A hereto); (Application Packages lacking a completed and signed Checklist may be rejected.)
- 2. Disclosure of Prior Findings of Non-Responsibility Form (Attachment B hereto);
- 3. Bid Deposit, as specified below;
- 4. Provisional Certification Application Form or copy of proof of certification. Bidders must have applied for or have been granted Provisional Certification for the proposed Bid Facility(ies). The Provisional Certification Process is described in Section VIII. Applications for Provisional Certification can be obtained on NYSERDA's website at http://www.nyserda.ny.gov/All-Programs/Programs/Main-Tier/Applying-for-Provisional-Certification. It is strongly recommended that Bidders visit this website and apply for Provisional Certification as soon as possible. Please note that facilities granted Provisional Certification under a previous RFP must reapply for Provisional Certification.

Bid Deposit. Each Application Package must include a Bid Deposit, in the form of electronic wire deposit or certified funds, in an amount determined by the Nameplate Capacity of the Bid Facility. Electronic deposit information and instructions can be obtained by emailing rps@nyserda.ny.gov

The amounts are as follows:

Nameplate Capacity: Bid Deposit Required:

Less than 5.00 MW \$5,000 5.00 – 19.99 MW: \$20,000 20.00 – 49.99 MW: \$50,000 50.00 MW or more: \$100,000

Bid Deposits will be refunded to Applicants who elect not to submit a Bid Proposal under Step 2, or are deemed ineligible by NYSERDA to participate in Step 2, on or before July 7, 2015. Bid Deposits will be refunded to Bidders whose Bid Proposals have not been selected for an award, if not before, immediately upon the expiration of the time during which the Bid Proposal remains an open offer (60 days from submittal; See Section XI).

Bid Deposits will be refunded to Bidders whose Bid Proposals have been selected by NYSERDA upon execution of the RPS Standard Form Contract (Attachment G or H to this RFP) and NYSERDA's receipt of the Contract Security as described in Section XVI; A (Contract Security) as required under the RPS Standard Form Contract (Attachment G or H to this RFP). No interest will be paid on any Bid Deposit.

Deadline for Submitting an Application Package: One (1) original and three (3) copies of each Application Package must be **received** by NYSERDA no later than **5 p.m. on Friday, May 8, 2015.** All information must be provided; all information provided must be legible. All signatures must be provided and notarized as indicated. Failure to provide any information requested may result in the Application Package being declared non-responsive and rejected. Additional information and materials beyond those requested may be submitted only if necessary for clarification. Additional information and materials beyond what is identified in this RFP may be requested by NYSERDA. Application Packages become the property of NYSERDA.

B. Application Package Evaluation

NYSERDA will evaluate Application Packages for completeness and against the qualification criteria specified in Sections VIII and X; A (Submitting an Application Package). All Bidders will be contacted by NYSERDA on or before Tuesday, June 2, 2015 with determinations as to the qualification of Bid Facilities identified in Application Packages. Bidders deemed qualified to submit a Bid Proposal as a result of this review will be assigned a "Bidder Number" and invited to submit a Bid Proposal according to instructions as described below.

XI. STEP TWO – BID PROPOSALS

At the time that Bidders are notified of their qualification status, qualified Bidders will be provided with Bid Proposal Forms (Attachment D), Bid Price Forms (Attachment E), and relevant instructions, and will be invited to submit a Bid Proposal. Bidders may submit bids for any Contract Tenor of a minimum of one year and a maximum of the Maximum Contract Tenor identified through Provisional Certification. The Contract Tenor applicable to the bid must be specified on the Bid Proposal Form. Each Bid Proposal must designate a single Bid Facility. The Bid Quantity Percentage entered on the Bid Proposal form must be at least 30% and may not exceed 95%.

The submittal of a Bid Proposal will constitute a binding offer to contract under the RPS Standard Form Contract terms (attached hereto as Attachments G and H) and such offer must remain open for a period of at least sixty (60) days from the deadline for submittal or such time as designated by NYSERDA at the time of notification of qualification for Step Two. All Bid Proposals become the property of NYSERDA.

NYSERDA RETAINS THE RIGHT TO ACCEPT ANY OR ALL BIDS, TO REJECT ANY OR ALL BIDS, TO SOLICIT RE-BIDS, AND TO MAKE COUNTEROFFERS TO SUCH BID(S) AS IT DEEMS APPROPRIATE.

A. Submitting a Bid Proposal

Bid Proposals packages must contain the following forms and information, without exception, and must be organized as indicated below. Bid Proposals lacking sufficient detail may be deemed non-responsive and ineligible for further evaluation or award.

Section 1: Cover Letter

Section 2: General Description of the Bidder and Bid Facility including a fully completed Project Schedule Form (Attachment C to this RFP).

Section 3: Incremental Economic Benefits to New York State Created by the Bid Facility

- a) Long Term Jobs created in New York State
- b) Payments/Benefits to New York State and/or its Municipalities
- c) Royalties and/or Payments for Fuel and Resource Access
- d) In-State Purchases or Consumption of Goods
- e) Short Term Employment of New York State Workers

Section 4: Incremental Economic Benefits Justification

Section 5: Verification Plan

Section 6: Completed Bid Proposal Form (see Sample Form, Attachment D to this RFP)

Section 7: Completed Bid Price Form (see Sample Form, Attachment E to this RFP)

(submit as part of package but in separate envelope, one copy only).

Proposals should not be excessively long or submitted in an elaborate format that includes expensive binders or graphics. Unnecessary attachments beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the proposer, the RFP number, and the page number.

Bid Proposals should be concise and clearly organized in the format listed above. Bid Proposals should be no longer than 20 pages in length, not including the Bid Proposal Form and Bid Price Form. Information may be provided either single or double-sided, but a page is considered one side of an 8-1/2" x 11" piece of paper. The font size should not be smaller than 11 point.

Bidders must submit one original and three (3) copies of each Bid Proposal together with a CD containing electronic copies of the Bid Proposal and all attachments in PDF form. Bidders must submit one original Bid Price Form in a separate envelope (one hard copy only) and should not include the Bid Price Form on the CD with other electronic copies.

Bid Proposals must be received by NYSERDA by 5:00 pm **Albany, NY Time** on Wednesday, June 17, 2015; this date will be confirmed at the time Bidders are notified that they have qualified for participation in Step Two (expected Tuesday, June 2, 2015). Bidders will not be reimbursed by NYSERDA for any costs associated with the preparation of their proposals. Bid Proposals become the property of NYSERDA. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, RFP 3084 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

<u>Section 1: Cover Letter (1 page)</u> The cover letter must include all signatures necessary to approve and submit the Bidder's Proposal by a representative having the authority to contractually commit the Bidder for Bidder's offer provided in the Bid Proposal. The cover letter must also include the following declaration:

[Insert legal name of Bidder] (the "Bidder") hereby acknowledges receipt of the NYSERDA's 2015 Request for Proposals 3084 (the "RFP") and acknowledges that it has read and agrees to be fully bound by, all of the terms, conditions and other provisions set forth in RFP 3084 and the RPS Standard Form Contract (Attachments G or H to RFP 3084). Additionally, the Bidder hereby makes the following representations to NYSERDA:

- 1. all of the statements and representations made in this proposal are true to the best of the Bidder's knowledge and belief;
- 2. the Bidder has sufficient rights in title to the RPS Attributes emanating from the Bid Facility identified in the Bid Proposal to perform under the RPS Standard Form Contract:
- the Bidder has obtained all necessary corporate authorizations, approvals and waivers that will enable the Bidder to commit to the terms provided in this proposal;
- 4. In accordance with Section 2878 of the New York State Public Authorities Law, Bidder warrants, under penalty of perjury, that its bid was arrived at independently and without collusion aimed at restricting competition.
- 5. The proposal constitutes a firm and binding offer, for a period of at least 60 days from the date Bid Proposals are due.

Section 2: General Description of the Bidder and Bid Facility (up to 3 Pages) Each Bidder must fully address the following: Provide a profile of the Bidder's company and its parent company, if any. Describe the relationship between the Bidder and the investors, sponsors and owner(s) of the Bid Facility. Identify and explain any Federal grants or tax incentives that have been applied for or are expected to be applied for and fully describe the status of such applications. Provide the Bid Facility's location (address, county and town) including a State and/or county map with the Bid Facility's geographic location marked. Provide a description of the Bid Facility including resource type, expected fuel supply type, Nameplate Capacity, projected capacity factor, the status of major permits/approvals necessary to build and operate the Bid Facility, and the major equipment manufacturers/providers. Describe how it is expected that the electrical output of the Bid Facility will be delivered, sold and consumed; including identification of any power purchase or other sales agreement (see Sections VIII and XXI). Also, provide a fully completed Project Schedule Form (Attachment C to this RFP).

Bidders who intend to satisfy the Bid Facility electricity delivery requirement through option A.2 of Section XXI must include documentation demonstrating that arrangements have been made with the local utility or interconnection authority for measurement, verification and tracking of the electricity associated with the Quantity Obligation.

<u>Section 3: Economic Benefits Created by the Bid Facility (up to 12 Pages)</u> For evaluation and scoring purposes, Bidders have an opportunity to claim and describe the Incremental Economic Benefits expected to accrue to New York as a result of the development, construction/ modification, and operation of the Bid Facility.

Only those Incremental Economic Benefits falling within the categories defined below will be considered, and in no instance will NYSERDA or its Technical Evaluation Panel ("TEP") consider any indirect benefits or those created by any "multiplier effect" or other attribution method under which the creation of peripheral spending and jobs might be credited to direct capital infused into the economy. **Bidders are not permitted to apply escalation rates or cost of living adjustments**. Bidders not seeking credit for economic benefits in any category may leave the section blank. Any responses left blank will receive zero points for the applicable category.

Economic benefits previously claimed with respect to a Bid Facility that is subject to a pending award under a previous solicitation or that is the subject of a current RPS contract are not eligible for evaluation. Incremental Economic Benefits are those that a Bidder can demonstrate: (1) will accrue subsequent to an award under RFP 3084, and (2) would not have accrued but for the award of a contract under RFP 3084.

The following categories are listed in order of importance from the highest weighted category to the lowest weighted category.

a. <u>Long-Term NYS Jobs</u>: Describe the degree to which the operation of the Bid Facility will directly create (add) long term jobs (jobs lasting more than 3 years) in New York. Examples of such jobs include, but are not limited to, those associated with operations and maintenance, plant management, or similar. List and describe the type of jobs including the position title, specific role and responsibilities, and the expected duration of such jobs. Provide the number of jobs, in Full Time Equivalents (FTEs), and the expected average annual salary/and or total compensation and direct benefits (excluding overhead for normal operations) for all jobs. Provide expected total dollars for compensation/salaries and benefits during the first three (3) Contract Years of operation (Expected Total Dollars). Divide the Expected Total Dollars by the Bid Capacity, and provide the result.

- b. Payments/Benefits to New York State and/or its Municipalities: Describe the degree to which the operation of the Bid Facility will provide new or increased local property tax revenues to school districts, cities, towns or other taxing jurisdictions in New York, or alternatively, Payments in Lieu of Taxes (PILOT) or other alternative taxing mechanisms and forms of compensation. List and describe separately all tax payment, PILOT arrangements and/or "host" community payment agreements with all affected jurisdictions. Provide expected total dollars paid to all taxing jurisdictions and municipal entities through the first three (3) Contract Years of operation (Expected Total Dollars) Divide the Expected Total Dollars by the Bid Capacity, and provide the result. NYSERDA reserves the right to reduce, for evaluation purposes only, the amount of dollars reported by the amount of any benefits under any NYS Empire State Development sponsored business program or other NYS-funded program.
- c. Payments for Fuels and Resource Access: Describe the degree to which the operation of the Bid Facility will provide royalties, production-based payments, land lease or land use payments or other forms of compensation, associated with securing rights to or directly acquiring fuel or access to wind resources for the Bid Facility (e.g., wind, biomass, biogas). Examples include payments for leases of land in New York, payments associated with the production of electricity, fuel purchases of biomass sourced or harvested in New York, and purchases for landfill gas produced in New York. Provide total dollars expected to be paid through the first three (3) Contract Years of operation (Expected Total Dollars). Divide the Expected Total Dollars by the Bid Capacity, and provide the result.
- **d.** <u>In-State Purchases or Consumption of Goods</u>: Describe the degree to which local and state economic activity will increase as a result of:
 - i. the purchase and consumption of local goods and services (other than those in e., below) by non-NY-resident workers, such as, but not limited to, food, lodging, vehicles, equipment, fuel, and/or
 - ii. the purchase of materials sourced from within New York such as, but not limited to, gravel, steel, concrete and similar materials and/or the purchase and use of equipment and products manufactured or assembled within New York and/or the use of rental equipment or similar supplies sourced from within New York. Wind turbine components not manufactured within New York State will not be considered and should not be included, and/or

iii. Ongoing operations and maintenance expenses which are anticipated through the first three (3) years of Commercial Operation.

List each type of purchase or service that will be used and provide total dollars expected to be spent on all the purchases or consumption of local/in-state goods from this category through the first three (3) Contract Years of operation (Expected Total Dollars). Divide the Expected Total Dollars by the Bid Capacity, and provide the result.

- e. <u>Short-Term Employment</u>: Describe the degree to which New York workers will be employed on a short-term basis. Illustrative examples include direct employment of NYS construction, rail and port workers, contractors and laborers, engineering or environmental service providers, consultants, financial service advisors, and legal service providers associated with the development and construction/modification of the Bid Facility. List and describe the type of jobs and the expected duration of such jobs. Provide the number of jobs, in Full Time Equivalents (FTEs), and the expected average annual salary and benefits for all jobs. Provide expected total dollars for salaries and benefits through the first three (3) Contract Years of operation (Expected Total Dollars). Divide the Expected Total Dollars by the Bid Capacity, and provide the result.
- **f.** Divide the Expected Total Dollars from all categories listed above (a through e) by the Bid Capacity, and provide the result.

<u>Section 4: Incremental Economic Benefits Justification (up to 3 pages).</u> Bidders must provide a detailed justification specifying how the claimed Incremental Economic Benefits (see 3a-3e above) are eligible for evaluation. Specifically, Bidders should include a description of all claims with relevant information or documentation which demonstrates the eligible nature of these claims within the requirements listed in Section 3 above.

Section 5: Verification Plan (up to 3 pages). Bidders must provide a detailed verification plan specifying how the economic benefits claimed for evaluation (see 3a-3e above) will be documented for contract compliance (see Section XX). Specifically, Bidders should include a description of all documents, reports, contracts, subcontracts, invoices, or other information/documentation that may be submitted to verify the expenditures and/or payments associated with the economic benefits claimed hereunder. In doing so, Bidders should identify the entity issuing such documentation (subcontractor, taxing jurisdiction, equipment service company, etc.) and explain how the Bidder intends to attain such documentation for ultimate submission to NYSERDA for compliance under Section XX of this RFP.

<u>Section 6: Bid Proposal Form; Bid Price Form.</u> At the time Bidders are notified of qualification to submit a Bid Proposal (Section X; B), NYSERDA will provide Qualified Bidders with a Bid Proposal Form and a Bid Price Form, in the formats provided in the Sample Bid Proposal and Bid Price Forms, Attachments D and E to this RFP. Bidders will be responsible for submitting one (1) fully completed and signed Bid Proposal Form with each Bid Proposal and one (1) fully completed and signed Bid Price Form in a separate sealed envelope.

THE BID PRICE FORM MUST BE SUBMITTED IN A SEPARATE SEALED ENVELOPE MARKED "RFP 3084 BID PRICE FORM" CLEARLY IDENTIFYING THE BIDDER, BID FACILITY, AND BIDDER NUMBER.

XII. BID PROPOSAL EVALUATION

NYSERDA will employ a scoring system comprised of two evaluation components totaling 100 points:

- 1. Expected Economic Benefits to New York: 30 points
- 2. Bid Price evaluation: 70 points

A. Expected Economic Benefits Evaluation

Bid Proposals will be scored on the ability of the Bid Facility to contribute positively to the economy of New York State in the categories listed in Section XI; A (Submitting a Bid Proposal).

A Technical Evaluation Panel (TEP), consisting of NYSERDA staff, Department of Public Service staff, and outside reviewers will evaluate and award points (up to 30) to Bid Proposals based on the degree to which each Bid Proposal demonstrates a contribution to the economic benefits categories listed in Section XI; A (Submitting a Bid Proposal).

Only those economic benefits meeting the eligibility criteria defined in Section XI; 3 (Economic Benefits Created by the Bid Facility), and falling within the defined categories in Section XI; A (Submitting a Bid Proposal) will be considered for evaluation. NYSERDA reserves the right to reduce, for evaluation purposes only, the amount of dollars reported in Section 3(b) of the Bid Proposal ("Payments to New York State and/or its Municipalities") by the amount of any benefits under any Empire State Development program, including any NYS Empire State Development sponsored business program or other NYS-funded program.

Please review Section XX: Post-Award Demonstration of Actual Economic Benefits for further details regarding contractual compliance provisions.

Scoring on the basis of expected economic benefits will be conducted independently (without knowledge of bid prices) of Bid Price evaluation.

B. Bid Price Evaluation Metric

For evaluation purposes only, Bid Prices will be converted according to the following calculation to allow for an equitable comparison between bids of varying Contract Tenor:

$$\textit{Bid Price Evaluation Metric} = \frac{\textit{NPV of Expected Contract Payments}}{\textit{Bid Quantity} \times \textit{Contract Tenor}}$$

Where:

 $NPV \ of \ Expected \ Contract \ Payments = \sum_{2015}^{2038} \frac{(Bid \ Price \times Calendar \ Year \ Bid \ Quantity)_t}{(1+i)^{t-2015}}$

t = Calendar Years 2015 - 2038

 $i = 6.56\%^5$

- All Class 1 Bid Facilities will be evaluated as if the Contract Delivery Term commences on August 1, 2018. In the formula above, "Calendar Year Bid Quantity" is the Bid Quantity, or the pro-rated portion of the Bid Quantity that falls during the Calendar Year. (August 1 December 31, 2018; January 1 July 31 of the final year of the Contract Tenor).
- All Class 2 Bid Facilities not operating as of April 7, 2015 will be evaluated as if the Contract Delivery Term commences on January 1, 2018.
- All Class 2 Bid Facilities operating as of April 7, 2015 will be evaluated as if the Contract Delivery Term commences on September 1, 2015.

NYSERDA has developed and will employ a maximum acceptable Bid Price Evaluation Metric; NYSERDA will not award a contract for a Bid Facility where the Bid Price Evaluation Metric is above the maximum acceptable Bid Price Evaluation Metric.

Bids will be sorted in ascending order according to the Bid Price Evaluation Metric. The lowest bid according to the Bid Price Evaluation Metric will receive the maximum points available for the Bid Price component (70 points). Bids which yield a Bid Price Evaluation Metric above the maximum acceptable Bid Price Evaluation Metric will be ineligible for award. Points awarded to all other bids will be awarded in proportion to where the Bid Price Evaluation Metric falls within the range from lowest Bid Price Evaluation Metric to the highest eligible Bid Price Evaluation Metric.

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⁵ The discount rate for Bid Price evaluation (DISCo Discount Rate or DDR) was established by the New York State Department of Public Service Office of Accounting, Audits and Finance.

C. Selection

A final ranking of Bid Proposals will be developed based on the sum of points awarded for the Bid Price Evaluation Metric and points awarded on the basis of the Expected Economic Benefits Evaluation. Selection will be based on this final ranking, subject to NYSERDA's procurement target and available funds except that: NYSERDA will not award a contract to any Bidder offering a bid which yields a Bid Price Evaluation Metric above the maximum acceptable Bid Price Evaluation Metric.

NYSERDA reserves the right to reject or accept any or all bids. NYSERDA also reserves the right to solicit revised Bid Prices and/or to make counteroffers as it deems appropriate. Notification of a re-bid, counteroffer or selection will be made by voice communication and electronic mail to the Bidder's Designated Agent(s), as identified on Attachment E to this RFP, Bid Price Form. Bidder's Designated Agent(s) must be authorized to respond and to commit to counteroffers on behalf of Bidder.

Upon notification of an award, NYSERDA will prepare a conformed copy of the RPS Standard Form Contract which will be delivered to Bidder, in a manner to be agreed upon, for Bidder's execution and return.

NYSERDA may withdraw and rescind awards to Bidders who fail to execute the RPS Standard Form Contract within a reasonable amount of time.

XIII. CONTRACT DURATION, COMMENCEMENT DATE, COMMERCIAL OPERATION

Duration

Contract awards will be for a Maximum Contract Tenor of up to twenty (20) Contract Years. The Maximum Contract Tenor available to a Bid Facility will be determined through Provisional Certification (see Section VIII). The Contract Tenor utilized in the Standard Form Contract for an awarded Bid Facility will be the Contract Tenor entered on the Bid Proposal Form for the Bid Facility, which may not exceed the Maximum Contract Tenor.

Commercial Operation

Sellers must promptly notify NYSERDA's Project Manager of the date upon which the Bid Facility enters Commercial Operation, and the generating capacity in Commercial Operation as of that date. Commercial Operation is defined as a state of operational readiness under which (i) generating capacity is available and physically producing electric energy and associated RPS Attributes, and (ii) all rights, abilities, permits and approvals to schedule and deliver energy to the Injection Point have been obtained.

Commencement

For Bid Facilities that are not in Commercial Operation as of the Effective Date of the Standard Form Contract, the Contract Delivery Term will commence on the first day of the month after the Bid Facility commences Commercial Operation, which shall be no

later than the Commercial Operation Milestone Date (April 30, 2017, unless extended; See Sections XV and XVI, below).

For Bid Facilities in Commercial Operation as of the date of selection for award, unless otherwise agreed to in writing by NYSERDA, the Contract Delivery Term shall commence on the first day of the month after the Effective Date of the RPS Standard Form Contract.

XIV. UNILATERAL TERMINATION

Contracts for Class 1 Bid Facilities will include a unilateral termination clause exercisable by the Seller with a full refund of the Contract Security provided prior to exercising the termination option as described in Section XVI. Unless otherwise extended in writing by NYSERDA, this mechanism will only be exercisable by the Seller if:

- (1) the Bid Facility has not entered Commercial Operation with an Installed Capacity of more than 75% of the Bid Capacity as of February 29, 2016; and
- (2) Federal Incentives for the Bid Facility are not available as of February 29, 2016; or
- (3) Federal Incentives have been adopted, but the required statutory conditions for applicability to the Bid Facility cannot be reasonably satisfied; or
- (4) Federal Incentives applicable to the Bid Facility are available at the time the Bid Facility exercises the option, but the overall nominal value of the Federal Incentives applicable to the Bid Facility is materially lower than the overall nominal value of the Federal Incentives which expired effective December 31, 2014; and
- (5) Seller exercises the option between March 1 and March 15, 2016.

Contracts for Fuel-Based Bid Facilities (See Attachment H to this RFP) include a unilateral termination clause maturing upon each 30 month anniversary of the commencement date of the Contract Delivery Term; exercisable by Seller should Seller be unable to secure a continuous bio fuel supply at a price that supports the contract. Notice of Seller's intention to terminate must be received by NYSERDA at least 30 days prior to each such 30 month anniversary date.

XV. COMMERCIAL OPERATION MILESTONE DATE

Bid Facilities must enter Commercial Operation on or before the Commercial Operation Milestone Date. The initial Commercial Operation Milestone Date for all Bid Facilities will be April 30, 2017. Sellers may elect to extend the Commercial Operation Milestone Date in accordance with the provisions of Section XVI.

XVI. CONTRACT SECURITY

All Contract Security amounts, as described below, must be provided in the form of (a) cash, (b) certified funds, or (c) an irrevocable stand-by letter of credit, payable to

NYSERDA, and drawn on an institution acceptable to NYSERDA, in substantially the form provided at Exhibit C to the RPS Standard Form Contract. Note: under the Standard Form Contract, once conformed to the Bid, references to Bidder become references to Seller.

- A. Bidders must provide to NYSERDA, within 10 business days of notification of selection, unless otherwise agreed to by NYSERDA, Contract Security in an amount equal to \$6.00 per MWh times the Bid Quantity. Unless otherwise agreed by NYSERDA in writing, if Bidder does not provide the required Contract Security within 10 business days of notification of selection, its award may be rescinded, and Bidder will forfeit the Bid Deposit, which will be retained by NYSERDA.
- B. On or before May 2, 2016, Seller must provide additional Contract Security in an amount equal to \$3.00 per MWh multiplied by the Bid Quantity. Failure to provide the additional Contract Security by May 2, 2016 will constitute a default and will result in termination of the Standard Form Contract.
- **C.** On or before February 28, 2017, Sellers of Class 1 Bid Facilities may elect to extend the Commercial Operation Milestone Date from April 30, 2017 to July 31, 2018; Sellers of Class 2 Bid Facilities may elect to extend the Commercial Operation Milestone Date from April 30, 2017 to December 31, 2017, by providing to NYSERDA one of the following:
 - (1) Contract Security, in addition to the amounts provided under "A" and "B," above, in the amount of three dollars (\$3.00) multiplied by the Bid Quantity;
 - (2) for Bid Facilities from which the electricity associated with the Quantity Obligation will be delivered into a market administered by the NYISO, proof that an interconnection agreement has been entered into by the NYISO, the Connecting Transmission Owner, and the Bidder or a legal representative of the Bidder, with respect to the Bid Facility;
 - (3) for Bid Facilities seeking to satisfy the electricity delivery requirement through options 2 or 3 of Section XXI; A, a comparable interconnection agreement has been entered into with all the necessary sites, service providers and parties that will be enable and permit the transmission of the energy from the Bid Facility to the point of its consumption.

D. Refund/Retention of Contract Security

As provided by Article XV of the RPS Standard Form Contract (Attachment G and H to this RFP), amounts provided by the Bidder as Contract Security will be refunded to the Bidder by NYSERDA:

a. In its entirety if the Seller of a Class 1 Bid Facility submits to NYSERDA a written election to terminate the contract between March 1 and March 15, 2016 according to the terms described in Section XIV.

- In its entirety if the Installed Bid Capacity is equal to or greater than the Bid Capacity.
- c. At a prorated amount if the Installed Bid Capacity is less than the Bid Capacity. Such amount that will be refunded, expressed as a percentage of the total Contract Security, will be equal to Installed Bid Capacity divided by the Bid Capacity.

As provided by Article XV of the RPS Standard Form Contract (Attachment G or H to this RFP), amounts provided by Bidder as Contract Security will be retained by NYSERDA:

- a. In their entirety if Seller fails to provide to NYSERDA, on or before May 2, 2016, Contract Security in the amount required under Section XVI; B, above.
- b. At a prorated amount if the Installed Bid Capacity is less than the Bid Capacity. Such amount that will be retained, expressed as a percentage of the total Contract Security, will be equal to the Bid Capacity minus the Installed Bid Capacity; divided by the Bid Capacity.

XVII. NYSERDA'S ACQUISITION OF RIGHTS/TITLE TO RPS ATTRIBUTES

Under the RPS Standard Form Contract, Bidder (as Seller) will deliver and NYSERDA will acquire title and exclusive rights to all RPS Attributes for the Contract Delivery Term, as defined herein, along with the exclusive rights to claim, consistent with New York State Environmental Disclosure rules: (i) that the energy associated with RPS Attributes was generated by the Bid Facility during the Contract Delivery Term; (ii) that all RPS Attributes produced by the Bid Facility are conveyed to NYSERDA; and (iii) that New York State and/or the RPS Program is responsible for the environmental benefits including reductions in emissions and/or other pollution resulting from the generation of the Bid Facility's energy and its delivery into, and use within, the NYCA. NYSERDA will NOT acquire energy, capacity or ancillary services from any Bid Facility.

Each invoice submitted and requesting payment for the delivery of the RPS Attributes must be accompanied by a Certification and Assignment of Rights Form, in the form provided at Exhibit B to the RPS Standard Form Contract, which will identify the number and vintage of all RPS Attributes for which payment is requested, bear a certification as to the eligibility of such RPS Attributes, and transfer and assign all title and rights to such RPS Attributes to NYSERDA.

In the event that Bidder (as Seller) must apply for or take some other action under any emission-trading or other regime other than the NY RPS in order to secure a claim, title, ownership, or rights of any type, nature or sort (Title) to any RPS-eligible Attributes associated with Quantity Obligations, or any certification, registration, verification or other memorialization of the creation of such RPS-eligible Attributes by the Bid Facility to which Bidder (as Seller) may be otherwise entitled, Bidder (as Seller) shall (i) notify NYSERDA of such opportunity, and, if requested to do so by NYSERDA shall (ii) take all actions necessary to apply for and secure such Title, to the maximum extent to which

Bidder (as Seller) is entitled, (iii) provide NYSERDA with evidence of taking such action; and (iv) convey such Title to NYSERDA whenever so secured.

Except as may be permitted under Section XXII, Suspension of Delivery, Sellers may not apply for or otherwise seek to achieve compliance under Section 242-8.7 (CO₂ budget units that co-fire eligible biomass) of the CO₂ Budget Trading Program (6 NYCRR Part 242), or any other state program operating as a part of the Regional Greenhouse Gas Initiative, on the basis of any MWh or emission of CO₂ or reduction in emissions of CO₂ or other benefit associated with RPS Attributes or for any activity constituting performance under an RPS Standard Form Contract. NYSERDA will consider a modification of this prohibition if the treatment of the Bid Facility under CO₂ Budget Trading Program is revised or modified in a manner that will result in the actual or functional retirement of CO₂ allowances in an equivalent quantity, and in a manner otherwise acceptable to NYSERDA and the objectives of the RPS and CO₂ Budget Trading Programs.

XVIII. VERIFICATION OF RIGHTS TO RPS ATTRIBUTES

Throughout the Contract Delivery Term, NYSERDA will require certification and verification of the delivery of the RPS Attributes, as follows:

- 1. In order to enable NYSERDA and the administrator of the NYS Environmental Disclosure Program (Department of Public Service) (DPS) to verify delivery of RPS Attributes and associated electricity, NYSERDA will require the Seller to provide independent access to detailed monthly market accounting settlement or other pertinent data from either:
 - a) the administrator(s) of the wholesale energy market into which energy from the Bid Facility was produced and/or delivered,
 - b) the operator of the transmission/distribution utility/public authority or municipal electric company into which energy from the Bid Facility was produced and/or delivered, or
 - c) an independent, third party that measures energy generation and usage by a Customer-Sited Bid Facility.
 - Seller will be required to waive confidentiality as applicable, as to NYSERDA, for the direct transfer to NYSERDA by such entities of transactional and/or delivery information and data pertinent to the verification of RPS Attribute and associated electricity delivery.
- 2. Should the State of New York, the NYS Public Service Commission, DPS or NYSERDA create, sanction, adopt or begin participation in a system for the accounting of generation attributes or certificates associated with generation in the New York Control Area, transfer will also include the delivery of the attributes or

certificates associated with each RPS Attribute, at the earliest time such certificates or attributes become available for delivery, to an account designated by NYSERDA. Seller will be responsible for and will pay all fees and charges, if any, for the delivery, registration, transfer, and retirement of the attributes or certificates associated with each RPS Attribute into such account.

- 3. NYSERDA's obligations to purchase RPS Attributes and to make payment are conditional on the ability of Seller to demonstrate to the satisfaction of the DPS that the creation of and title to the RPS-eligible Attributes is sufficiently verifiable for purposes of the Environmental Disclosure Program.
- 4. In no event shall the RPS Attributes of the generation associated with a contract with NYSERDA under this RFP be assigned by Seller to any entity other than NYSERDA. Any assignment or application by Seller of the RPS Attributes associated with a contract with NYSERDA to any other entity, program, or jurisdiction, whether associated with a publicly administered program or a voluntary transaction, is strictly prohibited by, and will constitute a default under, the RPS Standard Form Contract.

XIX. QUANTITY OBLIGATIONS & ADJUSTMENTS

Should an Intermittent Bid Facility's Quantity Obligation fail to achieve 85% of the Bid Quantity for three (3) consecutive Contract Years, NYSERDA may adjust the Bid Quantity for the remainder of the Contract Delivery Term to equal the https://distriction.org/linearing-nc/4 Actual Annual Eligible Production during any Contract Year over that three-year period multiplied by the Bid Quantity Percentage.

Should a Fuel-Based Bid Facility's Quantity Obligation fail to achieve 85% of the Bid Quantity for two (2) consecutive Contract Years, NYSERDA may adjust the Bid Quantity for the remainder of the Contract Delivery Term to equal the average Actual Annual Eligible Production of the two (2) Contract Years multiplied by the Bid Quantity Percentage.

Failure by any Bid Facility's Quantity Obligation to achieve 65% of the Bid Quantity during any Contract Year will constitute a default under the Standard Form Contract executed as a result of this RFP.

Should the Installed Bid Capacity differ from the Bid Capacity, Bidder agrees that NYSERDA may at its option upon Notice to Bidder modify the Contract by adjusting the Bid Quantity, Bid Quantity Percentage, or other relevant terms to reflect the Installed Bid Capacity.

XX. POST-AWARD DEMONSTRATION OF ACTUAL ECONOMIC BENEFITS

Within sixty (60) days of the third anniversary of the commencement of the Contract Delivery Term, Seller will be required to submit an economic benefits report including third party documentation demonstrating the actual economic benefits that resulted from the construction and operation of the Bid Facility. Such report should include sufficient records and documents relating to employment, purchases, and other payments necessary to demonstrate the economic benefits created by the Bid Facility under the categories and within the eligibility requirements listed in Section 3 of the Bid Proposal (Economic Benefits Created by the Bid Facility). Examples of acceptable documentation include but are not limited to, invoices with proof of payment, tax documentation, contracts, or similar.

Should Seller fail to reasonably demonstrate that the total dollar amount of economic benefits having accrued to New York as a result of the development, construction/modification, and operation of the Bid Facility through the first three (3) Contract Years of operation (Verified Total Dollars), divided by Installed Bid Capacity, is at least 85% of Expected Total Dollars divided by the Bid Capacity, NYSERDA may reduce the Bid Price payable for the remainder of the Contract Delivery Term. Such reduction in the Bid Price will be made by an amount equal to the percentage shortfall between the Verified Total Dollars divided by the Installed Bid Capacity compared to the Expected Total Dollars divided by the Bid Capacity.

XXI. BID FACILITY ELECTRICITY DELIVERY REQUIREMENTS

- **A.** For all Bid Facilities, the electricity associated with the Quantity Obligation must be:
 - delivered into a market administered by the NYISO for end-use in New York State; or
 - delivered through a wholesale meter under the control of a utility, public authority or municipal electric company such that it can be measured, and such that consumption within New York State can be tracked and verified by such entity or by the NYISO; or
 - delivered through a Bid Facility dedicated generation meter, which shall be approved by and subject to independent verification by NYSERDA, to a customer in New York State (excluding customers in the service territory of the Long Island Power Authority) whose electricity was obtained through the NYISO/utility system as of January 20, 2011.

For Bid Facilities seeking to satisfy the electricity delivery requirement through options 2 or 3, above, all costs associated with measurement, tracking, and verification, to the satisfaction of NYSERDA and DPS Staff must and will be borne by Bidder. See also Section XXIII; D, Metering.

B. Bilateral Sales

Bilateral sales for electricity associated with the Quantity Obligation produced by any Bid Facility are permissible provided the Seller can demonstrate that the purchaser of the electricity associated with the Quantity Obligation is a NYS Load Serving Entity (LSE), or one or more NYS end-users.

XXII. SUSPENSION OF DELIVERY

Upon prior approval by NYSERDA, a Seller may suspend deliveries of RPS-eligible Attributes to NYSERDA in order to (1) make sales of RPS Attributes to the Voluntary Market in New York State or pursuant to New York State Executive Order or other mandated New York State governmental procurement, or (2) for compliance under the CO2 Budget Trading Program (6 NYCRR Part 242), subject to terms and conditions set forth at Article II of the RPS Standard Form Contract.

XXIII. PAYMENT

A. General Payment Terms

In order to receive payments under the RPS program, a Bid Facility must first be Operationally Certified by the Director of the Department of Public Service Office of Energy Efficiency and Environment (OEEE). Once Operationally Certified, NYSERDA will make payments for RPS Attributes based on monthly invoicing, retroactive to the commencement of the Contract Delivery Term, and in accordance with NYSERDA's Prompt Payment Policy (Exhibit D to Attachments G and H to this RFP). NYSERDA will not pay for more than 95% of any Bid Facility's Actual Eligible Production during any month in any Contract Year. Amounts payable in a given month shall be calculated as follows: the multiplicative product of (a) the Actual Eligible Production of the Bid Facility during the prior month; (b) the Bid Quantity Percentage; and (c) the Bid Price.

Notwithstanding the above, NYSERDA will not pay for any RPS Attribute for which Seller has not transferred title to NYSERDA by the Certificate and Assignment of Rights Form (Exhibit B to Attachments G or H to this RFP) for such month. Further, all payments will be conditioned on the provision by Seller of all additional documentation, including but not limited the Certification and Assignment of Rights Form, generation data or access to generation data, and, if appropriate, fuel data/information necessary for NYSERDA to quantify and verify the existence of the RPS Attributes for which payment is being requested. For Fuel-Based Bid Facilities, the Seller will be required to provide additional information as outlined in Exhibit E to the Fuel Based Bid Facility Standard Form Contract (Attachment H to this RFP).

B. Payment Adjustments

NYSERDA may adjust payments to subsequent invoices consistent with NYISO or other control-area billing settlement true-up procedures, based on actual metered production

data at the Injection Point and data demonstrating compliance with the Bid Facility electricity delivery requirements.

C. Maximum Payment

NYSERDA will not make payment for more than 100% of the product of the Bid Quantity multiplied by the total number of Contract Years multiplied by the Bid Price. For Fuel based Bid Facilities, NYSERDA will not make payment for more than 100% of the Bid Quantity in any Contract Year.

D. Metering

The Actual Production and Actual Eligible Production of the Bid Facility must be capable of accurate and verifiable measurement at the Injection Point by the local ISO, a transmission utility, public authority, municipal electric company, and in the case of a Customer-Sited Bid Facility, an independent third party. Unless specifically agreed to by NYSERDA in writing, all Bid Facilities that are the subject of an award under this RFP must be separately metered and must be functionally represented by a single and discrete Injection Point.

XXIV. PERMITS/APPROVALS

The Seller shall be responsible to obtain all applicable permits and regulatory approvals that may be required in order to develop and/or operate the Bid Facility over the duration of the Contract Delivery Term. Neither the RPS Program nor selection under this RFP in any way replaces or modifies the necessity or applicability of any permit or approval process by any jurisdiction.

NYSERDA is subject to the State Environmental Quality Review Act (SEQRA), and is thereby required to assess the potential environmental impacts, to New York State, of any project funded through RFP 3084, wherever such project may be located. Upon selection, Sellers under contracts with Bid Facilities as to which no SEQR proceeding has been commenced will be required to provide a "full" Environmental Assessment Form (EAF), (1) evaluating the potential environmental impacts to New York State of construction and operation of such Bid Facility, and (2) demonstrating that construction and operation of the Bid Facility will not create a significant potential for violation of Article 11 of the Environmental Conservation Law.

A description of the State Environmental Quality Review Act and the associated regulations, as well as the full EAF, is available at http://www.dec.ny.gov/permits/357.html. NYSERDA's obligations to make payments to Sellers under contracts entered as a result of RFP 3084 will be conditional on the acquisition of all such permits and approvals. Upon request by NYSERDA Seller must demonstrate such acquisition and/or provide copies of all permits and approvals acquired.

XXV. GENERAL CONDITIONS

A. Proprietary Information

Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

B. State Finance Law Sections 139-j and 139-k

NYSERDA is required to comply with State Finance Law Sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html. The attached Application Package calls for a signature certifying that the proposer will comply with State Finance Law Sections 139-j and 139-k, and the Disclosure of Prior Findings of Non-responsibility (Attachment B) form includes a disclosure statement regarding whether the proposer has been found non-responsible under Section 139-j of the State Finance Law within the previous four years.

C. Tax Law Section 5-a

NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contracting and filed with NYSERDA. See, ST-220-CA (available at

http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

D. Omnibus Procurement Act of 1992

It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division for Small Business 30 South Pearl Street Albany, NY 12245

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 30 South Pearl Street Albany, NY 12245

E. Disclosure Requirement

The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

F. Confidentiality

NYSERDA is subject to and must comply with the requirements of New York's Freedom of Information Law ("FOIL;" see Public Officers' Law Article 6). Information in any tangible form including any document that Bidder wishes to be protected from

disclosure to third parties, including any information provided as a part of a Bid Proposal Package, must be marked "Confidential" or "Proprietary" at the time such information is provided to NYSERDA.

The FOIL Law (Public Officers Law § 87(2)(d)) provides an exception to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause <u>substantial injury to the competitive position of the subject enterprise</u>." If NYSERDA receives a request from a third party for information or a document received from Seller and which has been marked "Confidential" or "Proprietary," NYSERDA will process such request under the procedures provided by NYSERDA's FOIL regulations (email <u>foil@nyserda.ny.gov</u> for additional information).

XXVI. LIST OF ATTACHMENTS

Attachment A – Application Package Checklist

Attachment B – Disclosure of Prior Findings of Non-Responsibility Form

Attachment C – Project Schedule Form

Attachment D – Sample Bid Proposal Form

Attachment E - Sample Bid Price Form

Attachment F - Notice of Intent to Bid Form

Attachment G – RPS Standard Form Contract – Non-Fuel-Based Bid Facilities

Exhibit A – Standard Terms and Conditions for all NYSERDA Agreements

Exhibit B – Certification and Assignment of Rights Form

Exhibit C – Letter of Credit

Exhibit D – Prompt Payment Policy Statement

Attachment H – RPS Standard Form Contract – Fuel-Based Bid Facilities

Exhibit A – Standard Terms and Conditions for all NYSERDA Agreements

Exhibit B – Certification and Assignment of Rights Form

Exhibit C – Letter of Credit

Exhibit D – Prompt Payment Policy Statement

Exhibit E – Requirements for Biomass-Fueled Bid Facilities

XXVII. DEFINITIONS

In evaluating and responding to this RFP, please note that the terms and definitions used in this RFP have identical meanings to those in the RPS Standard Form Contracts (Attachments G and H to this RFP); in the case of conflict the meanings in the RPS Standard Form Contract will govern. This RFP and the RPS Standard Form Contract should be read in conjunction with each other.

<u>Actual Annual Production</u>: The amount, in MWh, of the total electric energy produced by the Bid Facility during any Contract Year, measured at the Injection Point.

<u>Actual Annual Eligible Production</u>: The amount, in MWh, of the Actual Eligible Production during a full Contract Year.

<u>Actual Eligible Production</u>: The amount, in MWh, of the electric energy produced by the Bid Facility during any period within a Contract Year, measured at the Injection Point, except that:

- (i) for a Repowering or Hydroelectric upgrade, the Actual Eligible Production shall be the product of (a) Actual Production of the Bid Facility, multiplied by (b) the percentage of the Actual Production resulting from the upgrade or Repowering established through the Provisional/Operational Certification Process.
- (ii) for a Fuel-Based Bid Facility that has never used eligible fuels, the Actual Eligible Production shall reflect the eligible biomass generation only, determined as the Actual Production of the entire Bid Facility, multiplied by the BTU input ratio of (a) the biomass fuel heat input to (b) the total fuel heat input, consistent with how such terms are applied for Provisional/Operational Certification;
- (iii) for a Fuel-Based Bid Facility that used eligible fuels, including co-firing with ineligible fuels, on or before January 1, 2003, the Actual Eligible Production shall reflect only that Actual Production using eligible biomass, biogas, or liquid bio-fuel above the historical baseline production established through the Provisional/Operational Certification Process.

<u>Actual Production</u>: The amount, in MWh, of the total electric energy production of the Bid Facility during any period within a Contract Year.

<u>Bid Capacity</u>: Bid Capacity shall equal the Bid Quantity Percentage multiplied by the Nameplate Capacity of the Bid Facility. In the case of repowering, hydroelectric upgrades and co-firing, the Bid Capacity shall equal the Bid Quantity divided by the Expected Average Annual Production, multiplied by the Nameplate Capacity.

<u>Bidder</u>: An individual or entity submitting an Application Package and Bid Proposal in response to this RFP. Such entity need not be the owner of the Bid Facility, but must have secured rights to the RPS Attributes from the Bid Facility sufficient to satisfy all performance requirements stated in this RFP and the RPS Standard Form Contract.

<u>Bid Facility</u>: The electric generating station that has been identified and described in the Provisional Certification Form.

<u>Bid Price</u>: A single fixed production payment, expressed in \$/MWh, applicable to each RPS Attribute offered as performance throughout the Contract Delivery Term.

<u>Bid Quantity</u>: The amount, in MWh, of RPS Attributes the Bid Facility expects to proffer as performance under the RPS Standard Form Contract over each Contract Year during the Contract Delivery Term. The Bid Quantity must be the same for each Contract Year throughout the Contract Delivery Term, subject to adjustments pursuant to Section XIX (Quantity Obligations & Adjustments) and XXIII (Payment). This number will equal the Expected Annual Eligible Production multiplied by the Bid Quantity Percentage.

Bid Quantity Percentage: The percentage of the Bid Facility's Expected Annual Eligible Production that will be committed to performance under an RPS Standard Form Contract. The Bid Quantity Percentage must be at least 30% and may not exceed 95%, and will be applied to Actual Eligible Production in any period during the Contract Delivery Term to establish compliance with contract requirements.

<u>Capacity Factor:</u> The ratio, expressed as a percentage up to two decimal places, of the total electricity that the Bid Facility expects to produce during a Contract Year compared to the total potential electricity that could be produced if the Bid Facility operates at 100 percent of the Nameplate Capacity during every hour of the Contract Year.

<u>Class 1 Bid Facility</u>: An electric generating station classified through the Provisional Certification process which utilizes eligible wind, biomass, biogas, liquid biofuels, tidal, ocean or hydroelectric resource types which is also a "qualified energy resource" as defined under 26 USC § 45, and has not entered Commercial Operation as of April 7, 2015.

<u>Class 2 Bid Facility</u>: Any electric generating station classified through the Provisional Certification process which does not meet the qualifications for Class 1 status.

<u>Commercial Operation</u>: A state of operational readiness under which (i) generating capacity is available and physically producing electric energy and associated RPS Attributes, and (ii) all rights, abilities, permits and approvals to schedule and deliver energy to the Injection Point have been obtained.

<u>Commercial Operation Milestone Date</u>: The Commercial Operation Milestone Date shall be April 30, 2017. The Commercial Operation Milestone Date may be extended (see Section XVI (Contract Security).

<u>Contract Delivery Term</u>: The Contract Delivery Term will commence on the first day of the month after the Bid Facility commences Commercial Operation. For Bid Facilities in Commercial Operation as of the date of selection for an award, unless otherwise agreed to in writing by NYSERDA, the Contract Delivery Term shall commence on the first day of the month after the Effective Date of the RPS Standard Form Contract. The Contract Delivery Term shall extend for the term of the Contract Tenor.

<u>Contract Tenor:</u> The duration, in years, of the Contract Delivery Term as defined on the Bid Proposal Form (Attachment D) submitted for the Bid Facility. The Contract Tenor shall not exceed the Maximum Contract Tenor.

<u>Contract Security</u>: All amounts provided to NYSERDA as defined in Section XVI (Contract Security) of this RFP.

<u>Contract Year</u>: A 12-month period commencing with the beginning of the Contract Delivery Term and each anniversary thereof within the Contract Delivery Term.

<u>Customer-Sited Bid Facility</u>: A Bid Facility interconnected on the customer side of a retail electric meter.

<u>Delivery Point</u>: The Delivery Point shall be the Injection Point.

DPS: the New York State Department of Public Service.

<u>Expected Annual Eligible Production</u>: The amount, in MWh, of the Expected Average Annual Production of the Bid Facility, measured or compensated to the Injection Point, except that:

- (i) for a Repowering or Hydroelectric upgrade, the Expected Annual Eligible Production shall be the product of (a) Expected Average Annual Production multiplied by (b) the percentage of the Expected Average Annual Production resulting from the upgrade or Repowering established through Provisional Certification;
- (ii) for a Fuel-Based Bid Facility that has never used eligible fuels, the Expected Annual Eligible Production shall reflect the eligible biomass generation only, determined as the Expected Average Annual Production of the entire Bid Facility, multiplied by the BTU input ratio of (a) the biomass fuel heat input to (b) the total fuel heat input, consistent with how such terms are applied for Provisional Certification:
- (iii) for a Fuel-Based Bid Facility that used eligible fuels, including co-firing with ineligible fuels, on or before January 1, 2003, the Expected Annual Eligible Production shall reflect that Expected Annual Eligible Production using eligible biomass, biogas, or liquid bio-fuel that is above the historical baseline production established through Provisional Certification.

<u>Expected Average Annual Production</u>: The expected electric energy production of the entire Bid Facility during any Contract Year post-upgrade/repowering for which Provisional Certification was granted.

Expected Total Dollars: The total dollar amount of economic benefits, as presented in the Bid Proposal, expected to accrue to New York as a result of the development, construction, modification, and operation of the Bid Facility through the first three (3) Contract Years.

Federal Incentives: Federal Incentives shall include tax credits and/or direct financial payments offered by the federal government for which the Bid Facility is eligible or qualified, including but are not limited to (i) federal income tax incentives or cash grants in lieu of federal income tax incentives including Tax Code Section 45 Renewable Electricity Production Tax Credit (PTC), Tax Code Section 48 business energy Investment Tax Credit (ITC) and the U.S. Treasury Department American Recovery and Reinvestment Act Section 1603 cash grant in lieu of tax credits, and any successors, (ii) extensions or reauthorizations following expiration of such incentives, whether at a comparable or different level than offered prior to December 31, 2014, or (iii) substitute or successor incentives intended to provide support in lieu of or in addition to those incentives listed under (i) above.

<u>Fuel-Based Bid Facility</u>: For purposes of this RFP, Fuel-Based Bid Facilities are those where Actual Annual Eligible Production is derived from the use of eligible biomass, biogas or liquid bio-fuels as well as eligible fuel cell technologies.

<u>Hydroelectric Upgrade</u>: A hydroelectric upgrade results from investments made to an existing hydroelectric renewable electric generating facility that cause an increase in renewable generation incremental to a historical baseline level of generation, as determined through the Provisional/Operational Certification process.

Incremental Economic Benefits: Incremental Economic Benefits are financial expenditures benefitting New York State within the categories specified in Section XI, A; Section 3 and are those that a Bidder can demonstrate: (1) will accrue subsequent to an award under RFP 3084, and (2) would not have accrued but for the award of a contract under RFP 3084. Economic benefits previously claimed with respect to a Bid Facility that is subject to a pending award under a previous solicitation or that is the subject of a current RPS contract are not Incremental Economic Benefits.

<u>Injection Point</u>: The generator bus or location where (a) the administrator of the wholesale power market, (b) the operator of the transmission/distribution utility, public authority or municipal electric company, or (c) in the case of customer-sited generation, the dedicated generation meter at which a third party, measures, or otherwise determines, energy production from the Bid Facility.

Installed Bid Capacity: Installed Bid Capacity shall equal the gross generating capacity, in MW, of the entire Bid Facility that achieves Operational Certification multiplied by the Bid Quantity Percentage. In the case of repowering, hydroelectric upgrades and cofiring, the Installed Bid Capacity shall equal the Bid Quantity Percentage multiplied by the portion of the gross generating capacity (MW) that has been repowered, upgraded and or retrofitted as determined by Operational Certification.

<u>Intermittent Bid Facility</u>: For purposes of this RFP, Intermittent Bid Facilities shall include the following: wind, solar, tidal, ocean, and run-of-river hydroelectric.

<u>Maximum Contract Tenor</u>: The maximum number of years in the Contract Delivery Term available to a specific Bid Facility as determined through the Provisional Certification process. The Maximum Contract Tenor shall not exceed 20 years.

<u>Nameplate Capacity</u>: The gross generating capacity of the entire Bid Facility, post upgrade/repowering, in MW.

New York Control Area (NYCA): The control area that is under the control of the NYISO which includes transmission facilities listed in the ISO/TO Agreement Appendices A-1 and A-2, as amended from time-to-time.

<u>NYISO</u>: The New York Independent System Operator, Inc. is the administrator of the wholesale power markets in New York and manages the physical electrical operations of the New York Control Area (NYCA).

<u>Operational Certification</u>: Operational Certification verifies that the Bid Facility has been constructed and/or will operate in accordance with the proposal submitted, for which Provisional Certification was granted and for which an award was made. See Section VIII, Subsection C.

<u>Quantity Obligation</u>: Shall mean, for any period during the Contract Delivery Term, the number of MWh calculated as the Bid Quantity Percentage multiplied by the Actual Eligible Production; subject, however, to adjustments pursuant to Section XIX (Quantity Obligations & Adjustments).

Repowering: Shall mean a generation unit other than a hydroelectric upgrade, with an initial date of Commercial Operation no later than December 31, 2002, that has been or will be substantially and verifiably repowered on or after January 1, 2003, such that the Actual Annual Production from the facility after Repowering is or will be demonstrably greater than the Actual Annual Production prior to the January 1, 2003 level by at least five percent.

<u>RPS-eligible Attributes</u>: Shall mean all environmental characteristics, claims, credits, benefits, emissions reductions, offsets, allowances, allocations, howsoever characterized, denominated, measured or entitled, attributable to the generation of Actual Eligible Production by a Bid Facility. One RPS-eligible Attribute shall be created

upon the generation by a Bid Facility of one MWh of Actual Eligible Production. RPSeligible Attributes include but are not limited to: (i) any direct emissions or any avoided emissions of pollutants to the air, soil or water including but not limited to sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO), particulate matter and other pollutants: (ii) any direct or avoided emissions of carbon dioxide (CO₂), methane (CH₄) and other greenhouse gases (GHGs) that have been or may be determined by the United Nations Intergovernmental Panel on Climate Change to contribute to the actual or potential threat of altering the Earth's climate by trapping heat in the atmosphere; (iii) all set-aside allowances and/or allocations from emissions trading programs made unnecessary for compliance in such program as a result of performance under an RPS agreement, including but not limited to allocations available under 6 NYCRR §§ 204, 237 and 238; and (iv) all credits, certificates, registrations, recordations, or other memorializations of whatever type or sort, representing any of the above. If the Bid Facility is a biomass or landfill gas facility and the Seller receives any tradable credits, benefits, emissions reductions, offsets, and allowances based on the greenhouse gas reduction benefits attributed not to the production of electricity but rather to its fuel production, collection, conversion or usage, it shall provide NYSERDA or its designee with sufficient credits, benefits, emissions reductions, offsets, and allowances to ensure that there are zero net GHGs associated with the production of electricity from such Bid Facility.

RPS-eligible Attributes do not include (i) any energy, capacity, reliability or other power products, such as ancillary services; (ii) production tax credits associated with the construction or operation of the Bid Facility or other financial incentives in the form of credits, reductions, or allowances associated with the Bid Facility that are applicable to a state or federal income taxation obligation; (iii) fuel-related subsidies or "tipping fees" that may be paid to the Seller to accept certain fuels, or local subsidies received by the generator for the destruction of particular pre-existing pollutants or the promotion of local environmental benefits; or (iv) emission reduction credits encumbered or used by the Bid Facility for compliance with local, state, or federal operating and/or air quality permits.

<u>RPS Attributes</u>: The RPS-eligible Attributes offered and delivered as performance during the Contract Delivery Term. See Section XVII of this RFP (NYSERDA's Acquisition of Rights/Title to RPS Attributes).

RPS Standard Form Contract: The standard contractual document to be entered into by NYSERDA and selected Bidders, which shall define, among other things, their rights and obligations concerning the generation of RPS Attributes, the delivery of all right and title to RPS Attributes to NYSERDA, and the payments by NYSERDA during the term of the agreement.

<u>Seller:</u> The contracting party to the RPS Standard Form Contract, as identified as the legal name of Bidder in Attachment D to this RFP (Bid Proposal Form). References to Bidder in this RFP correspond to references to Seller in the RPS Standard Form Contract.

<u>Verified Total Dollars</u>: The total dollar amount of economic benefits verified by NYSERDA to have accrued to New York as a result of the development, construction/modification, and operation of the Bid Facility through the first three (3) Contract Years.

<u>Voluntary Market</u>: The market through which sales are made of renewable attributes for purposes other than compliance.



Strategic Program Development Training Request for Proposal (RFP) 3108

Proposals Due: May 20, 2015 by 5:00 PM Eastern Time*

The New York State Energy Research and Development Authority (NYSERDA) seeks a contractor to provide custom training and hands-on coaching to equip NYSERDA staff with enhanced strategy tools and approaches that will maximize NYSERDA's success in catalyzing investment in clean energy through the development of programs that are based on our customers' economics and designed "from the market back." The training program will incorporate, at minimum, (1) a workshop that introduces strategy concepts, tools, and frameworks of relevance to NYSERDA and (2) coached application of these frameworks to underway initiatives and priorities at NYSERDA. At the end of the training, 75-100 NYSERDA participants should have received formal training and coaching and NYSERDA should have accelerated progress on strategic program development projects critical to enabling the clean energy market. Customized collateral and lessons from the initial projects will be used to continue to develop capabilities across NYSERDA once the initial training is complete.

Proposal Submission: Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this RFP's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are located as Attachment D to this RFP.

If mailing or hand-delivering, proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing both a PDF or MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, RFP 3108 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

If you have technical questions concerning this solicitation, contact Vanessa Ulmer at (518) 862-1090, ext. 3018 or vanessa.ulmer@nyserda.ny.gov. If you have contractual questions concerning this solicitation, contact Nancy Marucci at (518) 862-1090, ext. 3335 or nancy.marucci@nyserda.ny.gov.

No communication intended to influence this procurement is permitted except by contacting Vanessa Ulmer at (518) 862-1090, ext. 3018 or vanessa.ulmer@nyserda.ny.gov. Contacting anyone other than this Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

I. INTRODUCTION

The New York State Energy Research and Development Authority (NYSERDA) is a public benefit corporation with the mission of advancing innovative energy solutions in ways that improve New York's economy and environment. NYSERDA's programs – including the proposed Clean Energy Fund (CEF); NY-Sun; NY Green Bank; NY Prize; and Cleaner, Greener Communities – are an integral part of the State's Reforming the Energy Vision (REV), a comprehensive strategy to enable self-sustaining clean energy markets. Through the CEF Proposal under consideration before the New York State Public Service Commission, NYSERDA is requesting a 10-year program authorization that will invest \$5 billion in New York's clean energy economy through 2025.

The REV vision is to develop an energy infrastructure that is cleaner, more reliable and more affordable, putting the State on a path to an "80 by 50" greenhouse gas emission reduction track. While New York has built a strong foundation over the past decades, new approaches are needed to achieve the energy savings and greenhouse gas reductions that are imperative to the State's future. NYSERDA is therefore refocusing its strategic priorities and developing new and redesigned programs to: catalyze private investment by stimulating competitive markets; remove market complexity and address barriers by attacking soft costs; accelerate solutions through "bridge" incentives; increase consumer confidence in clean energy; influence policy, codes, and regulations; and increase the pace of innovation.

In parallel, NYSERDA seeks to strengthen its strategic program development and strategic marketing capabilities. This RFP does not seek assistance in developing a corporate strategic plan. Nor does it seek assistance with respect to operational effectiveness. Rather, the requested training program is expected to equip NYSERDA professionals with strategic marketing skills and tools to enhance their success in identifying and analyzing the underlying needs and gaps in particular markets, deciding what activities NYSERDA should pursue, and assessing the best uses of available resources, in the interest of designing and evolving impactful NYSERDA programs and interventions. A closely related need is to develop a broadly understood framework and a common vocabulary around strategy that can be applied by staff in the normal course of NYSERDA's work.

II. PROGRAM REQUIREMENTS

NYSERDA seeks to select a contractor to provide custom training and hands-on coaching to equip NYSERDA staff with enhanced strategy tools and approaches to develop programs that are based on our customers' economics and are designed from the market back. The contractor, working with NYSERDA, will provide the training elements and services outlined in the scope of work below; proposers may recommend additional elements/services. NYSERDA will consider responses from firms that can meet the full requirements of this solicitation.

The selected contractor will provide training and coaching for at least three successive cohorts of NYSERDA employees. Each training cohort should be comprised of at least 25 NYSERDA participants, grouped into smaller cross-functional teams of approximately 6-8 people who will work together on a significant strategic program development project. The contractor will assist NYSERDA to identify an estimated 12 projects that will enable training participants to apply (with coaching from the contractor) the

¹ NYSERDA's Clean Energy Fund (CEF) Proposal (September 23, 2014), CEF Forum Presentation slides (January 20, 2015), and CEF Information Supplement (expected April 27, 2015) are available on the New York State Department of Public Service website at www.dps.ny.gov. See materials for Case 14-M-0094, Proceeding on Motion of the Commission to Consider a Clean Energy Fund.

concepts, tools, and frameworks introduced in the training so as to make meaningful progress on underway priorities. The training workshop and coaching sessions outlined below are expected to be held at NYSERDA's Offices in Albany and New York City.

Training Approach and Core Concepts

The contractor will work with NYSERDA to design and provide training that fosters individual and collective learning, with emphasis on providing a shared understanding of concepts, tools, and frameworks that empower participants to apply new capabilities to their work at NYSERDA. The training program will incorporate, at minimum, (1) a workshop (or workshops) that introduces strategy concepts, tools, and frameworks of relevance to NYSERDA and (2) coached application of the concepts/tools/frameworks to accelerate strategic program development projects at NYSERDA while deepening the learning experience.

The training program will cover concepts critical to strategic program development, including:

- Sizing and scoping of opportunity;
- Understanding economic value;
- Segmentation of relevant markets based on customer and partner needs and economics;
- Understanding and building in the voice of the customer into solutions
- Development of value propositions and associated solutions targeted to customers or partners;
- Establishment of go-to-market approaches and business models;
- Alignment of the above with NYSERDA's discipline of test / measure / adjust;
- Alignment of the above with NYSERDA's mission as a public benefit corporation and New York State policy goals as identified in the (draft) <u>2014 State Energy Plan</u>.

Experienced Training Team

The contractor will provide to NYSERDA a dedicated team of high-level professionals who will support the training program from design through delivery. Assigned personnel must demonstrate relevant content knowledge, practical experience, and training capabilities, and must be able to travel to New York City and Albany to deliver training and coaching for NYSERDA staff. Assigned personnel should have knowledge of the clean energy marketplace in New York State and relevant market segments, including energy efficiency, renewable energy, and related technologies. The contractor and assigned personnel must demonstrate a track record of training and coaching that both has resulted in concrete, measurable success for participants and has supported large institutions to create a foundation useful to staff who did not directly participate in the training. An understanding of the behavioral science discipline and its impact on the shaping of programs is preferred. An understanding of strategy and program deployment in the public sector also is preferred.

Structuring Strategic Program Development Projects and Project Teams

The contractor will work with NYSERDA to identify an estimated 12 strategic program development projects in NYSERDA's pipeline that will provide a basis for applied learning and coaching. These strategy projects are expected to address a variety of market sectors (e.g., commercial real estate, local governments, residential) and clean and renewable energy technologies, with emphasis on new and redesigned programs as described in NYSERDA's Clean Energy Fund proposal. The contractor also will assist NYSERDA to structure project teams that promote dynamic collaboration within and across NYSERDA's diverse organizational groups.

Training Workshop

The contractor will customize and deliver, at a minimum, a 3- to 5-day training workshop that incorporates lecture, cases/readings, and structured breakout sessions in which teams learn and begin to apply core concepts and frameworks to NYSERDA strategy projects. The workshop is anticipated to be delivered to each cohort (i.e., three times), with potential refinement between cohorts.

Hands-On Coaching

The contractor will provide hands-on coaching to empower project teams to apply the strategy concepts and frameworks, at minimum during the training workshop and through work sessions at established intervals anticipated over a minimum of a 3-month period.

Extending the Program Learning Across NYSERDA

The contractor will work with NYSERDA to plan for organizational support to take full advantage of NYSERDA's investment in this training program. At minimum, this will include: (1) proposing and implementing mechanisms to engage NYSERDA executives and senior leadership (e.g., a half-day executive training session) and (2) providing guidance and tools that equip training participants to disseminate learning from the training and initial projects. Proposers may recommend additional elements/services to extend the program learning across NYSERDA.

Measuring Impact and Reporting

The contractor will propose, record, and report on performance metrics for the training program. Metrics may include, but are not limited to, the number of training participants and project teams; the number of workshops and coaching sessions; participant feedback; and assessment of each team's progress on their strategic program development project.

Working with NYSERDA, the contractor will develop and administer a means for NYSERDA training participants to provide feedback on training content and delivery at the conclusion of the workshop and following scheduled coaching sessions. Feedback will be incorporated, as appropriate, into subsequent sessions and to capture and disseminate learning across NYSERDA.

Training Collateral

The right to use slides, cases/readings (in accordance with copyright), team project reports, and other collateral developed or delivered as part of the training program will be retained by NYSERDA to train others at NYSERDA going forward.

Schedule

NYSERDA anticipates award of the contract within two weeks from the proposal due date, after which NYSERDA and the selected contractor will work together to negotiate the training scope of work, budget, and timeframes. The contractor shall demonstrate the ability to successfully begin implementation of the training program within 60 days of being awarded the contract. NYSERDA seeks to commence training on as aggressive a timeline as possible.

III. PROPOSAL REQUIREMENTS

Proposals should be divided into clearly defined sections, in the order of and as outlined in the list below. Proposals must be clearly and concisely written to address, at a minimum, the following information:

1. **Proposal Checklist**: A completed and signed Proposal Checklist (Attachment A of this RFP), which must be included as the front cover of the proposal. Indicate whether you accept the Standard Terms

and Conditions as contained in the attached Sample Agreement (Attachment C). If you do not accept the Standard Terms and Conditions, be prepared to provide alternative terms with justification based on the risk and benefit to NYSERDA and New York State.

- 2. **Approach:** A general statement of the firm's proposed training approach with particular focus on distinguishing characteristics of services.
- 3. Work Proposed to be Performed: A discussion of the firm's understanding of the scope of services to be provided, the major work tasks to be performed, and how the firm proposes to address the objectives described above in Section II, Program Requirements. An effective response must clearly articulate:
 - The approach to assisting NYSERDA to identify strategic program development projects for inclusion in the training program and corresponding project teams made up of training participants.
 - The training curriculum, including the central concepts, tools, and frameworks that will be introduced and the training methodologies that will be employed. The training content should be inclusive of concepts laid out above in Section II, Program Requirements, Training Approach and Core Concepts. The length (in days) of the proposed workshop must be specified and an indicative workshop schedule must be included with your response. Attach examples of relevant frameworks and training materials as appropriate.
 - Services to be provided to deliver hands-on coaching for strategic program development projects and teams. A schedule for follow-on coaching over a specified period (e.g., 3 months) must be proposed.
 - Training elements/services that are proposed to reach beyond direct participants to extend the learning across NYSERDA. Please also discuss what the contractor will need from NYSERDA to ensure that the training is effective and impactful for the organization.
 - A description of training collateral that will be developed or delivered (e.g., slides, cases, team project reports, etc.).
 - Proposed performance metrics and reporting.
 - Roles, responsibilities, and expectations of NYSERDA leadership and staff.
 - Thoughtful attention to how the overall training program and content will be aligned with NYSERDA's mission, organizational structure, and priorities as a public benefit corporation.
- 4. Staff Plan and Qualifications: Clear identification of personnel being proposed for the training team, including their respective roles(s), qualifications, and credentials. Attach resumes for key personnel. State the team's individual and combined expertise that would enable successful completion of the training program. List and briefly describe 3 to 5 related trainings that have been successfully delivered by the proposed training team or team members. Indicate the name and telephone number for at least 3 references for whom your organization has completed similar trainings.
- 5. **Timeline for Training Launch:** Address the ability of the firm to assemble, in a timely manner, key personnel to customize the training program and deliver the first training workshop within 60 days of the contract award.
- 6. **Cost Proposal**: A fixed cost proposal to accomplish the work requested, broken out by major tasks proposed along with the hourly rates for all personnel and relevant expenses for travel and materials.
- 7. Other relevant information the proposer feels should be included to demonstrate its capabilities, experience, and proposed approach to providing the training program requested.
- 8. **Attachments**: Resumes of key personnel; examples of training materials or other supporting materials (optional); and required attachments listed in Section VI.

Proposals should be a maximum of 10 pages plus attachments. Proposals should not be submitted in an elaborate format that includes expensive binders or graphics. Unnecessary attachments, beyond those

sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the proposer, the RFP number, and the page number.

A completed and signed Proposal Checklist (Attachment A) must be attached as the front cover of your proposal. Late proposals will be returned and proposals lacking the appropriate completed and signed Proposal Checklist may be returned. Faxed or e-mailed copies will not be accepted.

IV. PROPOSAL EVALUATION

Proposals that meet the Proposal Requirements will be reviewed by a Technical Evaluation Panel (TEP) using the Evaluation Criteria below, listed in approximate order of importance:

- Responsiveness of the proposal to the objectives and scope of work described in this RFP, including thoughtful alignment of the training approach, content, and services with NYSERDA's mission
- Experience, qualifications, and capabilities of the proposer and assigned personnel in relevant areas including:
 - Knowledge of the clean energy marketplace in New York State, including the economics of relevant market segments
 - Expertise in strategy and strategic marketing, with specific background in market segmentation, behavioral science, solution development, and other relevant disciplines
 - Expertise and demonstrated successful experience in delivering comparable training/coaching
- Rigor and relevance to NYSERDA of proposed strategy concepts, tools, and frameworks
- Overall value and reasonableness of the proposal cost, including the consistency of the rates with expertise and qualifications of the identified personnel
- Ability to meet schedule
- Other considerations including references, past experience with the proposer, known accomplishments on similar engagements, etc.

V. CONTRACT AWARD

NYSERDA anticipates making one award under this solicitation. NYSERDA may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the proposals and this RFP. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement provided as Attachment C to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately two weeks from the proposal due date. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

VI. GENERAL CONDITIONS

Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause <u>substantial injury to the competitive position</u> of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade

secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

Omnibus Procurement Act of 1992 - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division For Small Business 625 Broadway Albany, NY 12207

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207

State Finance Law sections 139-j and 139-k - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html
The attached Proposal Checklist (Attachment A) calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Nonresponsibility form (Attachment B) includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at

http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Limitation - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement (Attachment C).

Disclosure Requirement - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

Article 15-A (MWBE) Provisions for Solicitation Documents (non-construction)

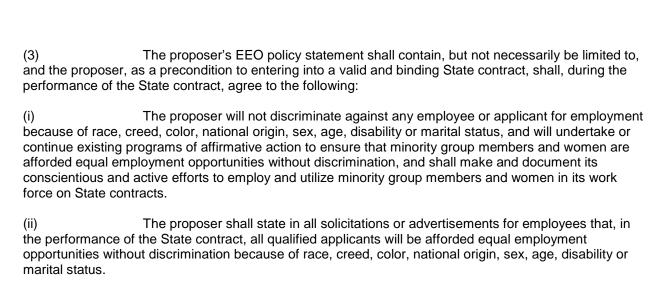
New York State Law

Pursuant to New York State Executive Law Article 15-A, NYSERDA recognizes its obligation under the law to promote opportunities for maximum feasible participation of certified minority-and women-owned business enterprises and the employment of minority group members and women in the performance of NYSERDA contracts.

In 2006, the State of New York commissioned a disparity study to evaluate whether minority and womenowned business enterprises had a full and fair opportunity to participate in state contracting. The findings of the study were published on April 29, 2010, under the title "The State of Minority and Women-Owned Business Enterprises: Evidence from New York" ("Disparity Study"). The report found evidence of statistically significant disparities between the level of participation of minority-and women-owned business enterprises in state procurement contracting versus the number of minority-and women-owned business enterprises that were ready, willing and able to participate in state procurements. As a result of these findings, the Disparity Study made recommendations concerning the implementation and operation of the statewide certified minority- and women-owned business enterprises program. The recommendations from the Disparity Study culminated in the enactment and the implementation of New York State Executive Law Article 15-A, which requires, among other things, that NYSERDA establishes goals for maximum feasible participation of New York State Certified minority- and women – owned business enterprises ("MWBE") and the employment of minority groups members and women in the performance of New York State contracts.

Article 15-A EEO Policy

- (1) Contractors and subcontractors shall undertake or continue existing programs of affirmative action to ensure that minority group members and women are afforded equal employment opportunities without discrimination because of race, creed (religion), color, national origin, sex, sexual orientation, military status, age, disability, predisposing genetic characteristic, marital status, or domestic violence victim status. For these purposes, affirmative action shall apply in the areas of recruitment, employment, job assignment, promotion, upgradings, demotion, transfer, layoff, or termination and rates of pay or other forms of compensation. This requirement does not apply to: (i) work, goods, or services unrelated to the Contract; or (ii) employment outside New York State.
- (2) Following the award of a State contract and as a precondition to entering into that contract, a winning proposer shall submit an equal employment opportunity ("EEO") policy statement to NYSERDA within seventy-two (72) hours following such proposer's receipt of NYSERDA's award letter. A proposer's failure to timely submit the EEO policy statement could result in NYSERDA's rejection of that proposer's proposal.



- (iii) At the request of NYSERDA, the proposer shall request each employment agency, labor union, or authorized representative of workers with which it has a collective bargaining or other agreement or understanding, to furnish a written statement that such employment agency, labor union, or representative will not discriminate on the basis of race, creed, color, national origin, sex, age, disability or marital status and that such union or representative will affirmatively cooperate in the implementation of the proposer's obligations.
- (iv) Pursuant to Article 15 of the Executive Law (the "Human Rights Law"), all other State and Federal statutory and constitutional non-discrimination provisions, the Contractor and sub-contractors will not discriminate against any employee or applicant for employment because of race, creed (religion), color, sex, national origin, sexual orientation, military status, age, disability, predisposing genetic characteristic, marital status or domestic violence victim status, and shall also follow the requirements of the Human Rights Law with regard to non-discrimination on the basis of prior criminal conviction and prior arrest.
- (4) Within ten (10) business days following a winning proposer's receipt of NYSERDA's award letter, such proposer shall submit to NYSERDA a staffing plan of the anticipated work force to be utilized on the State contract. The form of the staffing plan shall be supplied by NYSERDA. In the case where the workforce to be utilized in the performance of this Agreement cannot be separated out from the Contractor's and/or its subcontractor workforce, the Contractor shall submit, in lieu of a staffing plan, information on the Contractor's and/or subcontractor's total workforce. The staffing plan or workforce information shall be broken down by ethnic background, gender and Federal occupational categories, or other appropriate categories specified by NYSERDA. A proposer's failure to submit the staffing plan or workforce data could result in NYSERDA's rejection of that proposer's proposal. If a proposer changes its utilization plan after submission, it shall notify NYSERDA in writing of such change and obtain approval from NYSERDA in accordance with the Regulations §§ 142.6 & 142.8.
- (5) A proposer's failure to submit an EEO policy statement and staffing plan or total work force data shall result in NYSERDA's rejection of proposer's proposal, unless the proposer provides NYSERDA with a reasonable justification in writing for such failure (e.g., the failure to submit a staffing plan where proposer has a work force of 10 employees or less), or makes a commitment to submit an EEO policy statement and a staffing plan or total work force data by a date to be specified by NYSERDA.
- (6) To demonstrate compliance with the stated participation goals as set forth herein, a contractor shall be required to periodically submit compliance reports to NYSERDA, on the forms attached to the contract, during the entire term of the contract.

Contract Participation Goals by MWBE on NYSERDA procurements

In accordance with Article 15-A of the N.Y. Executive Law ("Article 15-A") and pursuant to the regulations adopted thereto, NYSERDA has established certain contract participation goals for minority and womenowned business enterprises (MWBE). NYSERDA's participation goals for contracts awarded pursuant to this solicitation are 15% for minority-owned business enterprises and 15% for women-owned business enterprises. These participation goals are subject to the requirements of Article 15-A, and its implementing regulations as set forth in Title 5, Chapter XIV, Parts 140-144 of the New York Codes, Rules and Regulations (the "Regulations").

NYSERDA requires every winning proposer to undertake "good faith" efforts to actively solicit MWBE participation in connection with its potential award of the NYSERDA contract. Within ten (10) business days following the receipt of NYSERDA's award letter, a winning proposer must submit to NYSERDA an MWBE Utilization Plan Form, in a form provided by NYSERDA. Within twenty (20) days following its receipt of the Utilization Plan, NYSERDA will issue a written notice of acceptance or deficiency. If NYSERDA issues a notice of deficiency then proposer must provide NYSERDA with a written remedy in response to said notice of deficiency within seven (7) business days of its receipt. If the proposer's remedy to the notice of deficiency is not timely provided or if it is found by NYSERDA to be inadequate, NYSERDA shall so notify proposer and request proposer to submit a waiver form within five (5) business days. Failure to file the written remedy or a waiver form in a timely manner as set forth above may be grounds for disqualification of proposer's award for non-responsibility, after NYSERDA gives proposer notice and opportunity to be heard in accordance with Article 15-A § 313(5)(c) and the Regulations § 142.9.

A winning proposer may request a total or partial waiver of the requirements of the participation goals set forth above. In such event, NYSERDA shall provide proposer with a waiver form to be provided by proposer prior to the award of the NYSERDA contract. Prior to granting or denying a waiver, NYSERDA shall evaluate proposer's "good faith efforts" and may consider the factors set forth in the Regulations §143.7. In the event NYSERDA refuses to grant proposer a waiver, proposer may file a complaint with the NYS Empire State Development's Division of Minority and Women Business Development (the "Division") in accordance with Sections 313(8) & (9) of Article 15-A and Section 142.12 of the Regulations.

Relevant sections of the Regulations may be found at the following link, which Regulations and each party's rights and obligations set forth therein, are incorporated herein by this reference (in the event of a conflict between this solicitation and the Regulations, the Regulations shall govern):

http://www.empire.state.nv.us/MWBE/Data/122210 MWBE15-ARegs.pdf.

A Directory of certified MWBEs may be found at the Division's website, here:

http://www.empire.state.ny.us/MWBE/directorySearch.html

Article 15-A Disqualification and Dispute Resolution Procedures

NYSERDA, and applicable proposers and contractors shall be subject to and bound by the disqualification and dispute resolution procedures contained in Article 15-A (including, without limitation, Sections 312(5), 313(5)(c), 313(8), 313(9) and 316), and in relevant sections of the Regulations (including, without limitation, Sections 142.9, 142.12 and 143.6), as and where applicable.

NYSERDA may disqualify a proposer as being non-responsive under the following circumstances:

- a) If a proposer fails to submit a MWBE Utilization Plan:
- b) If a proposer fails to submit a written remedy to a notice of deficiency;
- c) If a proposer fails to submit a request for waiver; or
- d) If NYSERDA determines that the proposer has failed to document good faith efforts.

Penalties

In accordance with the Regulations §142.13, NYSERDA's contract shall require contractor to agree that its willful and intentional failure to comply with the MWBE requirements of Article 15-A shall create liability to NYSERDA for damages in an amount equal to NYSERDA's actual cost related to its expenses for personnel, supplies and overhead related to establishing, monitoring and reviewing certified minority- and women-owned business enterprise programmatic goals and Affirmative Action and Equal Opportunity compliance.

VII. Attachments:

Attachment A – Proposal Checklist (Mandatory)

Attachment B – Disclosure of Prior Findings of Non- Responsibility (Mandatory)

Attachment C - Sample Agreement

Attachment D - Electronic Proposal Submission Instructions



RFP 3136 Website Development and Sitecore CMS Administration Request for Proposal (RFP) 3136 \$775,000

Proposals Due: August 3, 2015 by 5:00 PM Eastern Time*

The New York State Energy Research and Development Authority (NYSERDA) owns and operates an instance of Sitecore CMS to host its public facing websites (nyserda.ny.gov, greenbank.ny.gov, energyplan.ny.gov, nysun.ny.gov). NYSERDA requires consulting services for developing and maintaining websites within the Sitecore CMS 3-tiered, 3-layer development environment. The selected contractor must be qualified in, and experienced with website and database development using Sitecore CMS v6.6 and higher, ASP.NET, C#.NET, Microsoft Visual Studio.NET, and Microsoft SQL Server 2008 and higher.

The selected contractor will be a developer and supplier of Sitecore CMS implementations, applications, and services. The selected contractor will be an organization with significant technical skills and demonstrated Sitecore CMS expertise, as well as being, at a minimum, a Sitecore Certified Gold Partner.

Proposal Submission: Electronic submission is preferred, but NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposals must be submitted in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility (PDF format only). Proposal PDFs should be searchable and should be created by direct conversion from MS Word or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the Proposer's entity name. Proposals may be submitted electronically by following the link for electronic submissions found on this RFP's webpage, located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are available on the website and as Attachment F to this RFP.

If mailing or hand-delivering, Proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing a PDF or MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, RFP 3136 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

All proposals must be received by NYSERDA by 5 pm EST on Aug 3, 2015.

Technical questions concerning this RFP may be submitted to robert.mckeon@nyserda.ny.gov with the subject line "RFP 3136 Website Development and Sitecore CMS Administration." For contractual questions concerning this RFP, contact Elsyda Ahmed at (518) 862-1090, ext. 3232 or Elsyda.ahmed@nyserda.ny.gov.

No communication intended to influence this procurement is permitted except by contacting Robert McKeon (Designated Contact) at (518) 862-1090, ext. 3538 or robert.mckeon@nyserda.ny.gov. Contacting anyone other than this Designated Contact (either directly by a Proposer or indirectly through a lobbyist or other person acting on a Proposer's behalf) in an attempt to influence the procurement: (1) may result in the Proposer being deemed a non-responsible offerer, and (2) may result in the Proposer not being awarded a contract..

*Late proposals will be returned. Incomplete proposals may be subject to disqualification. It is the Proposer's responsibility to ensure that all pages have been included in the proposal. Faxed or e-mailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at www.nyserda.ny.gov.

1. BACKGROUND

1.1 Corporate Background

NYSERDA is a public benefit corporation committed to identifying opportunities for reducing commercial and residential energy consumption, promoting the use of renewable energy sources, and protecting the environment. NYSERDA provides financial and technical assistance to help consumers, businesses and institutions assess and implement cost-saving energy efficiency measures.

Energy efficiency programs offered at NYSERDA also strive to provide affordable energy and a cleaner environment for all New Yorkers. This is accomplished by increasing public awareness of the multiple benefits of energy efficiency, by providing residential building performance services, and by making energy-efficient products more widely available to consumers.

1.2 Website System Background

NYSERDA uses Sitecore CMS version 6.6, on a 3-tier, 3-layer architecture utilizing Microsoft IIS version 7, ASP .NET 4.0, C# .NET, Microsoft SQL Server 2008. The websites also utilize Javascript, Bootstrap, CSS 2, CSS 3, HTML 5, responsive web design, Google Analytics, Facebook widgets/buttons, Twitter widgets/buttons, and embedded YouTube videos. NYSERDA currently has 5 Sitecore CMS Content Editors, approximately 10-15 approvers, and up to 30 workflows.

2. Project Scope and Requirements

2.1 Background

This is a three-year, time and materials contract in which the selected contractor will provide services including but not limited to: .NET development, database programming and administration, software and hardware upgrades, and management and administration of Sitecore CMS and the related 3-tier technology stack. The selected contractor will manage the development of website resources including, but not limited to: templates, renderings, layouts, sub-layouts, CSS, 508-compliant HTML, end-user accounts, workflows, .NET codebase, and SQL codebase. The selected contractor will adhere to software/system development life cycle (SDLC) process while managing website code bases.

The selected contractor will provide at a minimum the following services:

- Expert guidance on future development projects, as well as organization and use of Sitecore CMS to provide maximum efficiencies for CMS end-users.
- Guidance and tutorials as needed for new and existing functionality to CMS end-users.
- Guidance on Sitecore Online Marketing Suite (OMS)/Digital Marketing System (DMS), Sitecore Engagement Platform, Sitecore Analytics, Sitecore Email Campaign Manager, and other related Sitecore technologies.

In addition to back-end web development services, as needed, the selected contractor will also provide frontend web design services, including User Experience Design, Graphic Design, Web Design, Responsive Web Design, Javascript, Bootstrap, cross-browser compatibility, and Multimedia Design.

2.2 Objectives

The objective of this task-based agreement is to establish access to the selected contractor's consulting and programming services for the development, administration, and maintenance of the web applications within the Sitecore CMS environment as set forth in this RFP.

To achieve this objective, NYSERDA expects this agreement to:

 Build a cost effective technology and design partnership to support NYSERDA's website development efforts.

- Leverage the selected contractor's expertise in Sitecore CMS and Web Development best practices.
- Ensure a timely and efficient turnaround schedule for agreed upon projects.

2.3 Scope/Statement of Work

The scope of work to be performed by the selected contractor consists of to-be-determined tasks listed in the following functional areas: Microsoft .NET development, database development, Sitecore CMS administration and maintenance, website design and development within the Sitecore CMS environment.

The selected contractor shall be assigned individual tasks with associated functional and design requirements, provided by the NYSERDA Web Operations Project Manager. Each task will be given a time and cost estimate by the selected contractor before work proceeds. The finished products will be reviewed and approved by the NYSERDA Web Operations Project Manager.

The selected contractor will provide a method of submitting functional and design requirements and a method to prioritize projects in queue. Delivered projects will include documentation and screenshots, including but not limited-to: new template fields, sizing of resources/images/media, steps to complete end-result, steps to manage content/functionality.

As the basis for invoicing, the selected contractor will keep an active and up-to-date "Activity Log" of requests (see Section 3: Budget and Billing).

All deliverables are expected to be:

- Quality work product, free from material defects in workmanship that will perform as designed, created according to best practices at onset of assignment.
- All new and modified code will remain part of the NYSERDA Sitecore CMS code base, owned by NYSERDA
- Code will be promoted through 3-tier environment on (1) an ongoing weekly schedule, and (2) on an asneeded basis.

2.4 Qualifications and Requirements

The selected contractor shall:

- at minimum, be a Sitecore Gold Certified Implementation Partner of two years or more;
- have at least two Sitecore Certified Developers on staff;
- have at least one Microsoft Certified Solutions Expert on staff;
- have the ability to scale up development and design resources as needed for large, high-priority projects on an expedited timeline;
- have the ability to perform hardware and software maintenance/upgrades during non-peak hours in order to avoid website downtime during high traffic hours; and
- have deployed a minimum of five Sitecore web sites, each with a minimum page-count of 500 pages.

Additionally:

- Proposers must demonstrate a proven track record of providing consulting services across numerous technical projects.
- No recruitment or consulting employment services will be considered. Submitted personnel must be
 employees of the firm or a subcontractor that the firm has used successfully in the past (include project
 name, role, and length of assignment).
- Experience in engagements with NYSERDA's existing hardware and software will be considered, see
 Section 1.2 Website System Background.
- Any MWBE firms responding to this RFP that are seeking MWBE status must submit proof that the firm is certified as an MWBE with the Department of Economic Development. If not an MWBE, the firm must outline how to achieve the MWBE requirement through subcontracting.
- Upon issuance of a contract from NYSERDA, selected firms will be required to show evidence of General Liability, Disability and Workers Compensation insurances. In some instances, Professional Liability insurance may also be required.
- The willingness to work with the Authority to minimize costs is a requirement. NYSERDA reserves the right to negotiate a lower or different fee structure with the selected firm.
- NYSERDA retains the right to end an engagement at any time with or without cause, in accordance with Article XII of Attachment D, Sample Agreement.

3. BUDGET AND BILLING

This time and materials agreement is for a period of 3 years. The selected contractor and the NYSERDA Web Operations Project Manager will agree on tasks to complete, priority, timeline, and associated budget, as well as any other special conditions required to complete the task. Fees for deliverables will be billed on a monthly basis for tasks completed within the period covered by the invoice. Invoices will be paid in accordance with Exhibit D, Prompt Payment Policy Statement. Exhibit D is a part of Attachment D, Sample Agreement. In addition to the invoice, the Selected contractor will provide an itemized "Activity Log" of tasks and the associated costs for each task. The Activity Log will include:

- Project ID
- Project Name
- Estimated Duration
- Estimated Billable Amount
- Assigned Resource
- Start Date
- End Date
- Action Taken (work performed)
- Duration (hours)
- Rate
- Billable Amount
- Category of Work (Enhancement, Bug, Weekly Status Meeting, Meeting, Build, Admin/Project Management)
- Remaining Budget

4. Proposal Content and Format

A completed and signed Proposal Checklist (Attachment A) must be attached as the front cover of the proposal, and must contain an original signature. Proposals lacking a signed Proposal Checklist will be returned and will not be considered for award.

For the purposes of evaluation, proposals should not be excessively long or submitted in an elaborate format that includes expensive binders or graphics. Unnecessary attachments beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the Proposer, the RFP number, and the page number. The proposal must be in the following format:

Proposal Section I: Executive Summary

Proposal Section II: Portfolio

• Proposal Section III: Technical Proposal

• Proposal Section IV: Cost Proposal

4.1 Proposal Section I: Executive Summary

Limit to 2 pages maximum. Provide a brief description of the firm's:

- 1. Overall qualifications and areas of expertise,
- 2. List of previous clients and a minimum of 3 references,
- 3. Disclose any potential conflicts of interest, and
- 4. Affirmation of understanding and acceptance of Section 2.4 Qualifications and Requirements.

4.2 Proposal Section II: Portfolio

Limit to 3 pages maximum. Provide examples of, at a minimum, three recent (within the last three years) Sitecore website projects or implementations. Multiple examples can be grouped onto one page. For each example, include a brief synopsis of:

- 1. Role in project (Sitecore installation, template creation, information architecture, web design, database design/programming, etc.),
- 2. Goals accomplished and strategy taken to accomplish,
- 3. Sitecore features taken advantage of, or custom functionality built, and
- 4. Web address/domain name/url.

4.3 Proposal Section III: Technical Proposal

Following is a listing of the information required to be provided by the proposer. A technical proposal that does not provide all the information requested below may be subject to rejection. Information should be provided in the same order in which it is requested.

- 1. Outline the approximate number of resources and roles available for contract; include the resumes of key staff and sub-consultants proposed to provide services to NYSERDA, including partners, principals, and associates. Include description/chart of the firm's organizational structure.
- 2. Please describe your recommended staffing strategy, inclusive of on-site, off-site, near-shore, off-shore, and subcontracting resources. Please be explicit with regard to the management and leadership of any subcontracted resources, how they relate to your resources, and how NYSERDA would fit into the picture.
- 3. Describe what resources your proposal requires from NYSERDA in order to be successful. Be as specific as possible with regard to roles/skills/staff required (e.g. titles, functional or administrative areas, skill sets, project roles, etc.), time/participation expectations of each NYSERDA resource (e.g. 8 hours a week, quarter-time, half-

time, full-time, 45 hours total, etc.).

- 4. Describe what preparation (whether on NYSERDA's part or your organization's part or both organizations working together) needs to occur in order for us to hit the ground running on Day 1. Include all types of preparation.
- Please describe what you consider to be critical success factors for performing this type of work on-time and onbudget.
- 6. Please describe what you consider to be the three biggest recurring risks that projects of these types encounter and how you plan to mitigate those risks.
- 7. Provide a description of the firm's experience providing services as outlined in section 2.1 Background. Provide a description of the firm's approach to providing the scope of services, including the monitoring and management of potential work assignments. Include recent relevant project experience to the public and private sector.
- 8. The proposer must agree to provide NYSERDA with pre- and post-audit access to documents, personnel and other information necessary to conduct audits upon request both during the term of the Agreement and for six years thereafter.
- 9. The proposal submitted must contain a representation that the proposer is willing and ready to provide any related services requested or required in a timely manner.
- 10. Note any special certifications relevant to this RFP that your firm or proposed staff may possess.

4.4 Proposal Section IV - Cost Proposal

Following is a listing of the information required to be provided by the proposer. A cost proposal that does not provide all the information requested below may be subject to rejection. Information should be provided in the same order in which it is requested.

- 1. Billing rates should be competitive and economical. Provide billing rates for each of the services on which your firm is proposing. Include rates for the following titles, as applicable, plus any additional titles deemed necessary:
 - a. Project Manger
 - b. Information Architect
 - c. Sitecore Developer
 - d. Database Administrator
 - e. Front End Developer
 - f. Web/UXDesigner
 - g. Graphic Artist
 - h. Account Representative
- 2. List all disbursements or other services for which the firm would expect reimbursement.
- 3. Indicate any reductions from normal billing rates charged other issuers or public entities in New York State.
- 4. Indirect Cost (Overhead) Rate(s) Attach supporting documentation to support indirect cost (overhead) rate(s) included in your proposal as follows: Describe the basis for the rates proposed (i.e., based on prior period actual results; based on projections; based on federal government or other independently-approved rates).
- 5. If rate(s) is approved by an independent organization, such as the federal government, provide a copy of such approval.

- 6. If rate(s) is based on estimated costs or prior period actual results, include calculations to support proposed rate(s). Calculation should provide enough information for NYSERDA to evaluate and confirm that the rate(s) are consistent with generally accepted accounting principles for indirect costs.
- NYSERDA reserves the right to audit any indirect rate presented in the proposal and to make adjustment for such difference. Requests for financial statements or other needed financial information may be made if deemed necessary.

4.5 Sample Agreement

NYSERDA will enter into an agreement with successful Proposers using the attached Sample Agreement (Attachment D). If you do not accept the standard terms and conditions, provide alternate terms with justification based on the risk and benefit to New York State. Any negotiation of terms will be at NYSERDA's sole discretion. NYSERDA will consider only exceptions to terms that are specifically included with the proposal. Attachment D does not need to be completed; it is provided only for review per the discussion above.

5. EVALUATION OF PROPOSALS

5.1 General Selection Process

The selection process will begin with the review and evaluation of each of the written proposals. The purpose of this evaluation process is twofold: (1) to examine the responses for compliance with this RFP; (2) to identify the complying firms that have the highest probability of satisfactorily performing the scope of services at a reasonable cost to NYSERDA. All written proposals will be reviewed and evaluated by a Technical Evaluation Panel (TEP) selected by NYSERDA. The TEP will score each Proposal according to the criteria and scoring process described herein.

5.2 Interviews

NYSERDA reserves the right to determine whether interviews will be necessary and for which firms. The purpose of the interview is to further document the proposer's ability to provide the required services, and to impart to the TEP an understanding of how specific services will be furnished. The proposed lead principal, as well as all other key personnel proposed to provide the services must be present and participate in the interview. The interview will be evaluated on the basis of whether it substantiates the characteristics and attributes claimed by the proposer in its written response to this RFP and any other information requested by the TEP prior to the interview.

5.3 Evaluation Process

The TEP will evaluate the extent to which the Proposal meets the requirements as specified in this RFP. TEP members will independently score each Proposal and then meet to discuss the merits and scoring justifications of each Proposer. Evaluators will be allowed to revise scores based on the panel discussions.

The evaluation will be conducted in a comprehensive and impartial manner as set forth herein using the following categories.

Step	Evaluation Criteria	
1	Satisfactory completion of requirements of: Section 4.1: Proposal Section I - Executive Summary	
2	Satisfactory completion of requirements of: Section 4.2: Proposal Section II – Portfolio	
3	Satisfactory completion of requirements of: Section 4.3: Proposal Section III – Technical Proposal	
4	Satisfactory completion of requirements of: Section 4.4: Proposal Section IV – Cost Proposal	
5	Total Final Scores	

Step 1: Executive Summary Score

The Executive Summary score will be evaluated relative to each proposer based on the completeness, accuracy, and value of content provided as compared to requirements.

Step 2: Portfolio Score

The Portfolio score will be evaluated relative to each proposer based on use of Sitecore CMS and related platforms and unique features therein, as well as demonstration of custom application development, and use of best-practices based web and software design.

Step 3: Technical Proposal Score

The Total Proposal Score will be evaluated relative to each proposer based on completeness, accuracy, and value of content provided as compared to requirements. Consideration is given for demonstrated skill sets needed to fulfill the requirements of this RFP, particularly of the skills needed to perform the tasks listed in **Section 2.1 Background**.

Step 4: Cost Proposal

Cost Proposals will be evaluated relative to each other based on common titles and common staffing scenarios (on shore, off shore, subcontracting). In addition, NYSERDA will utilize historical rates paid for consulting services when developing the cost proposal score.

Step 4: Final Score, Recommendation, and Board Approval

The TEP will rank the Proposers' final scores in descending order, from highest to lowest score, which will form the basis for the TEP's award recommendation to NYSERDA Management. It is anticipated that there could be multiple selections depending on the number of qualified proposers.

6. GENERAL CONDITIONS

Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501, located at: http://www.nyserda.ny.gov/-/media/files/about/contact/nyserda-regulations. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

Omnibus Procurement Act of 1992 - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division For Small Business 625 Broadway Albany, NY 12207

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207

New York Executive Law Article 15-A - NYSERDA is required under the law to promote opportunities for maximum feasible participation of certified minority-and women-owned business enterprises and the employment of minority group members and women in the performance of NYSERDA contracts. The MWBE participation goals and obligations of the selected contractor are set forth in Attachment C.

State Finance Law sections 139-j and 139-k - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://www.ogs.ny.gov/aboutogs/regulations/advisoryCouncil/StatutoryReferences.html

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See. ST-220-TD (available http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at

http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Contract Award - NYSERDA anticipates making more than one award under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately two weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

Limitation - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

Disclosure Requirement - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

7. ATTACHMENTS

Attachment A: Proposal Checklist

Attachment B: Disclosure of Prior Findings of Non-Responsibility

Attachment C: Cost Proposal Worksheet

Attachment D: Sample Agreement

Attachment E: Electronic Proposal Submission Instructions

Attachment F: Article 15-A (MWBE) Provisions for Solicitation Documents (non-construction)



"High Resolution LiDAR and Aerial Orthoimagery for the Western New York Nuclear Service Center and Environs" Request for Proposal (RFP) 3067

Proposals Due: June 9, 2015 by 5:00 PM Eastern Time

NYSERDA seeks proposals from firms with geospatial expertise to collect and deliver high resolution LiDAR and Aerial Orthoimagery for the Western New York Nuclear Service Center and environs near West Valley, New York. The project area encompasses approximately 173 square miles. Project planning and data collection and processing will be subject to prescriptive and stringent technical specifications and performance standards. The activities covered under this Statement of Work (SOW) include project and flight planning, ground control support/surveys, mobilization of equipment and crew, data acquisition, demobilization, data processing, and data delivery and reporting.

The entire SOW will be performed for one firm, fixed price. The term of the contract will be for one year, however it is anticipated that the SOW would be completed in approximately 6 months. The contract is expected to start on or about September 1, 2015.

Proposal Submission: Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this RFP's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are located as Attachment E to this RFP.

If mailing or hand-delivering, proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing a PDF or MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, RFP 3067 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

If you have technical questions concerning this solicitation, contact Lee Gordon at (716) 942-9960, ext. 4963 or Lee.Gordon@nyserda.ny.gov. If you have contractual questions concerning this solicitation, contact Venice W. Forbes at (518) 862-1090, ext. 3507 or Venice.Forbes@nyserda.ny.gov.

No communication intended to influence this procurement is permitted except by contacting Lee Gordon at (716) 942-9960, ext. 4963 or Lee.Gordon@nyserda.ny.gov. Contacting anyone other than



this Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

* Late proposals will be returned. Incomplete proposals may be subject to disqualification. It is the proposer's responsibility to ensure that all pages have been included in the proposal. Faxed or emailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at www.nyserda.ny.gov.

I. <u>Introduction</u>

On behalf of the people of New York State, the New York State Energy Research and Development Authority (NYSERDA) holds title to the 3,345-acre Western New York Nuclear Service Center (Center), the site of a former commercial nuclear fuel reprocessing facility which is now a US Department of Energy (DOE) environmental clean-up site (the West Valley Demonstration Project; WVDP). Both NYSERDA and DOE, as well as a number of site contractors manage a wide range of projects at the Center and WVDP which generally include both decommissioning and ongoing management of a number of facilities. Activities at the Center and WVDP also include ongoing scientific studies to evaluate natural processes and their implications for future conditions of the site. High resolution topography (LiDAR) and aerial orthophotography, first collected at the site in 2010 have been instrumental in the ongoing projects and studies. NYSERDA currently seeks to both update and expand the 2010 dataset with a new LiDAR and orthophotography survey to be conducted in the fall of 2015.

II. Program Requirements

A. Services Requested

NYSERDA has convened a Technical Evaluation Panel (TEP), with representation from NYSERDA and outside geospatial experts, to assist in the evaluation of proposals for this work. The attached SOW (Attachment C) is being circulated to solicit bids from firms with LiDAR/Orthoimagery expertise interested in performing the tasks defined by this proposal. The term of the contract will be one year and is expected to start on or about September 1, 2015.

All field work must be performed in accordance with the requirements and specifications described in the SOW (Attachment C)

B. Range/Scope of Services to be Provided

The attached SOW provides a detailed description of the requested services and program requirements. Activities covered under this SOW include:

- Ground Surveying
- Data Acquisition Flight Planning
- Data Acquisition
- Data Processing
- Generation of Deliverables

C. Proposer Qualifications

NYSERDA seeks proposals from firms with geospatial expertise who have:



- Relevant education and experience in LiDAR and Orthoimagery acquisition and processing.
- Experience with LiDAR and Orthoimagery projects of similar size, complexity, and performance standards.
- The resources necessary to provide the full breadth of services required.

Relevant education and training would include relevant degrees, training certificates, and other accredited education focused on, but not limited to, geospatial data collection and processing.

Experience with LiDAR and Orthoimagery projects of similar size and complexity would include past LiDAR and Orthoimagery projects that approached or exceeded the proposed project's spatial extent, resource requirements, cost, technical specifications, and/or performance standards.

Resources necessary to provide the full breadth of services would include sufficient organizational and material resources to provide the services described in the SOW.

D. Division of Responsibilities

NYSERDA shall provide the following:

- GIS Shapefiles necessary for project planning and execution
- The full results of the 2010 LIDAR and Orthoimagery project, including ground control survey report

The Contractor shall provide the following:

 All resources needed to perform services outlined in the Statement of Work (Attachment C) in a timely manner following contract award.

III. Proposal Requirements

A. Proposal Content

The Proposer will be required to prepare a proposal, schedule, and firm fixed price for all services described in this solicitation. The proposal must identify how the contractor will provide all the required services in accordance with the specifications and performance standards detailed in the SOW (Attachment C). As part of the proposal, describe any subcontracts that will be required by the proposer to complete the work.

Proposals should not be excessively long or submitted in an elaborate format that includes expensive binders or graphics. Unnecessary attachments beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the proposer, the RFP number, and the page number. The proposal must be in the following format:

Part I - Technical and Management

- Completed "Proposal Checklist" Form (Attachment A) to be attached to the front page of all copies of Part I of the proposal.
- Background/Objectives (three-page maximum).
- Services to be provided (five-page maximum).
- Approach for providing LiDAR and Orthoimagery services (twelve-page maximum).
- Current Qualifications Statement that clearly presents the experience of the firm or individual(s).
- Current Qualifications Statement that clearly presents the education, training and experience of



key personnel proposed to be used relevant to the SOW.

- Plan for meeting the contract participation goals for minority and women-owned business enterprises in Attachment D (one-page maximum).
- Letters of commitment from all participating firms or individuals (if applicable).
- Work Plan including key personnel and schedule for tasks or services that are anticipated to require lead time in order to implement (five-page maximum).

Part II - Cost and Disclosures

- Disclosure of Prior Findings of Non-Responsibility Form (Attachment B).
- Firm Fixed Price Cost proposal for the entirety of services described in the SOW (Attachment C) to be provided on the attached Contracts Pricing Proposal Form (Attachment E, instructions included).
- Names and contact information for client references (maximum of three).
- Any Indictment/Conviction of Felony (if applicable).
- Any NYSERDA Contracts awarded (if applicable).
- Prior and/or Competing Proposals (if applicable).
- Cost Estimate for performing the services described in this solicitation.
- Exceptions to Terms and Conditions (if applicable).
- In compliance with §139-j and §139-k of the State Finance Law (see Section VI, General Conditions below for additional information), additional forms must be completed and filed with proposals:(1) a signed copy of the Proposal Checklist including required certifications under the State Finance Law and (2) a completed Disclosure of Prior Findings of Non-Responsibility form. Failure to include a signed copy of the Proposal Checklist referenced in this solicitation may disqualify your proposal

B. Proposal Evaluation Criteria

Proposals that meet Proposal requirements will be reviewed by a Technical Evaluation Panel (TEP) using the following Evaluation Criteria. This is not a comprehensive list, nor does the arrangement apply order of importance.

Technical expertise and experience

The proposal will be evaluated on the respondent's demonstrated technical ability. Specific expertise/experience in the areas of LiDAR and orthophotography will be evaluated, including data post-processing expertise/experience. The proposal will be evaluated on the basis of similar project experience. Technical nature, complexity, size, and time frame will be considered.

Organizational structure

The proposal will be evaluated according to the perceived quality of the respondent's project organization and management, including staffing, management control, and use of subcontractors. The proposal will be evaluated on the basis of the respondent's demonstrated staff qualifications.

• Compliance with REF instructions and specified performance standards

The proposal will be evaluated for compliance with the instructions set forth in this RFP. The proposal will be evaluated for quality, which demonstrates an understanding of the work required to meet the scope of this RFP.

Technical approach to work

The proposal will be evaluated on the technical details of the proposed work, including data collection planning, data collection, and data processing.

Ability to conduct high quality work in timely manner



The proposal will be evaluated on the basis of the respondent's apparent ability to deliver high quality products and services to NYSERDA in a timely manner.

Cost

The proposal will be evaluated on the basis of total firm fixed price proposed for the project

IV. General Conditions

A. Proprietary Information

Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, nonconfidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which, if disclosed, would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary and confidential trade secret information should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. (See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx). However, NYSERDA cannot guarantee the confidentiality of any information submitted.

B. Omnibus Procurement Act of 1992

It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors and suppliers on its procurement agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division for Small Business 625 Broadway Albany, NY 12207

A directory of certified minority and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 625 Broadway Albany, NY 12207

New York Executive Law Article 15-A - NYSERDA is required under the law to promote opportunities for maximum feasible participation of certified minority-and women-owned business enterprises, and the employment of minority group members and women in the performance of NYSERDA contracts. The MWBE participation goals and obligations of the selected Contractor are set forth in Attachment D.

C. State Finance Law (Section 139-j and 139k)



NYSERDA is required to comply with State Finance Law Sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at

http://www.ogs.ny.gov/aboutOgs/regulations/advisoryCouncil/StatutoryReferences.html

The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law Sections 139-j and 139-k and the Disclosure of Prior Findings of Non-Responsibility Form includes a disclosure statement regarding whether the proposer has been found nonresponsible under Section 139-j of the State Finance Law within the previous four years.

D. Tax Law Section 5-a

Tax Law Section 5-a- NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a perspective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors, which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf).

E. Contract Award

NYSERDA anticipates making one award under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement (Attachment F) to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately 6 weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under a previous or active NYSERDA agreement.

F. Limitation

This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to standard terms and conditions of the Sample Agreement.

G. Disclosure Requirement



The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its "Right to Stop Work," pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

VI. Attachments:

Attachment A - Proposal Checklist Form

Attachment B - Disclosure of Prior Findings of Non-Responsibility Form

Attachment C - West Valley Site Management Program Statement of Work for

"High Resolution LiDAR and Aerial Orthoimagery for the Western New York Nuclear Service Center and Environs"

Attachment D - Article 15-A (MWBE) Provisions for Solicitation Documents (non-construction)

Attachment E - Instructions for Electronic Proposal Submission

Attachment F - Sample Agreement



Staff Augmentation / Contracted Services

Request for Proposal (RFP 3143)

Proposals Due: (8/12/2015) by 5:00 PM Eastern Time*

The New York State Energy Research and Development Authority (NYSERDA) is soliciting proposals from qualified contractors to provide consulting services for technical projects across the Authority. From among the Proposals received, the Authority intends to select a list of qualified firms to perform consulting services related to the Authority's Information Systems infrastructure (hardware and software systems). It is the intent of the Authority to empanel a group of qualified information services consultants to be used on an as needed basis for a period of approximately 5 years. The Authority reserves the sole right to terminate the empanelled list early. Placement on the empanelled list does not guarantee that NYSERDA will actually contract for services with the consulting firm. Individual engagements of consulting services from empanelled firms are anticipated to range from 3 months to 24 months, but may vary based on Authority needs.

Proposal Submission: Electronic submission is preferred, but NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposals must be submitted in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility (PDF format only). Proposal PDFs should be searchable and should be created by direct conversion from MS Word or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the Proposer's entity name. Proposals may be submitted electronically by following the link for electronic submissions found on this RFP's webpage, located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are available on the website and as Attachment E to this RFP.

If mailing or hand-delivering, Proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing a PDF or MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, RFP 3143 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

All proposals must be received by NYSERDA by 5 pm on (8/12/2015).

Technical questions concerning this RFP may be submitted to glen.kaatz@nyserda.ny.gov with the subject line "RFP 3143 Question." For contractual questions concerning this RFP, contact Elsyda Ahmed at (518) 862-1090, ext. 3232 or Elsyda.ahmed@nyserda.ny.gov.

No communication intended to influence this procurement is permitted except by contacting Glen Kaatz (Designated Contact) at (518) 862-1090, ext. 3203 or glen.kaatz@nyserda.ny.gov. Contacting anyone other than this Designated Contact (either directly by a Proposer or indirectly through a lobbyist or other person acting on a Proposer's behalf) in an attempt to influence the procurement: (1) may result in the Proposer being deemed a non-responsible offerer, and (2) may result in the Proposer not being awarded a contract.

*Late proposals will be returned. Incomplete proposals may be subject to disqualification. It is the Proposer's responsibility to ensure that all pages have been included in the proposal. Faxed or e-mailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at www.nyserda.ny.gov.

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1. BACKGROUND

1.1 Corporate Background

NYSERDA is a public benefit organization committed to identifying opportunities for reducing commercial and residential energy consumption, promoting the use of renewable energy sources, and protecting the environment. NYSERDA provides financial and technical assistance to help consumers, businesses and institutions assess and implement cost-saving energy efficiency measures.

Energy efficiency programs offered at NYSERDA also strive to provide affordable energy and a cleaner environment for all New Yorkers. This is accomplished by increasing public awareness of the multiple benefits of energy efficiency, by providing residential building performance services, and by making energy-efficient products more widely available to consumers.

1.2 Typical Business Process

NYSERDA makes five types of investments (also referred to as incentives or grants) to secure energy and environmental benefits:

- Investments to partially fund an energy-related construction project;
- Investments to fund a pilot or demonstration project which include aspects of funding a construction project and the other associated costs of the pilot itself;
- Investments to partially fund or provide services through a third party to a business or entrepreneur to develop a technology or product;
- > Investments to partially secure risk associated with a private loan portfolio; and
- Investments to partially fund other types of energy-related projects or activities not characterized as construction or technology/product development.

Each type of investment is initiated with either a bid for a competitive program or an application for an open enrollment program.

After a review process, a decision is made whether to award a bid for a competitive program or to accept an application for an open enrollment program. NYSERDA then enters into a contract with selected bidders and applicants.

The selected bidders and applicants complete the work required by the contract and provide proof of completion as well as other information as stated in the contract. NYSERDA then issues payment of the incentive or grant. Some programs issue only one payment for the work performed while others issue multiple payments over time based on a pre-defined schedule or on demonstrated operational performance. NYSERDA often continues to collect energy and economic data after the final payment.

1.3 Systems Background

There are three types of front line systems currently supporting NYSERDA's project management, workflow and program reporting functions:

- Custom web applications (usually Microsoft .NET) built and maintained by internal staff;
- > External systems on various platforms that are hosted and maintained by program implementation partners; and
- Spreadsheets and other data sources created and maintained by program staff.

These systems contain information about project details, contacts, location, energy production and savings, project and payment statuses, and incentive amounts and payments.

NYSERDA's financial accounting and contract administration system (NEIS) is on a PeopleSoft/Oracle platform on top of a Microsoft SQL database. The system is hosted externally but maintained by internal IT staff as well as the hosting contractor. There is limited integration of NEIS and the project management systems described above.

NYSERDA developed and maintains a custom data warehouse on an SQL Server platform that utilizes Informatica as a data quality rules engine and Tableau as a front-end reporting tool. This system is used to improve data quality and to centralize much of the program reporting requirements at NYSERDA.

NYSERDA recently installed Salesforce to consolidate disparate CRM data for part of the organization and is currently undergoing a needs assessment to leverage Salesforce for future program management efforts in an effort to reduce the number of external disparate systems.

1.4 Systems Strategy

NYSERDA's strategy with regard to systems and technology is to consolidate disparate commercial and internally developed products and platforms onto COTS or enterprise solutions; reduce complexity, integration points, and ongoing cost of operations; and reduce customization wherever possible by modifying workflow in order to fit out-of-the-box or configured solutions. This will enhance NYSERDA's ability to calibrate and adapt its technology layer to best support its evolving programmatic and policy goals.

2. PROJECT SCOPE AND REQUIREMENTS

2.1 Objectives

The goal of this project is to create a panel of selected firms upon which NYSERDA can quickly and easily acquire staff augmentation and consulting resources to support Authority initiatives across the entire spectrum of its technology stack.

NYSERDA expects this project to achieve the following objectives:

- > Provide a cost effective source of resources to support its technology staffing needs.
- > Streamline business processes around onboarding consulting resources.
- Create sustainable partnerships with qualified firms to create mutually beneficial relationships.
- > Provide a flexible configuration to meet new and changing business requirements and programs.
- > Reduce administrative overhead and maintenance costs associated with initiating individual contracts.
- Enable identification and procurement of potential full time resources for NYSERDA should need be deemed operational rather than project based.

2.2 Scope of Work

Selected firms may be requested to enter into contract(s) with the Authority to provide services, including, but not limited to, the following items:

- Consulting, training, implementation support, development, and/or project management for Oracle PeopleSoft 9.2 running on Microsoft SQL Server 2012 Enterprise, WebLogic Server, Kemp load balancers, Microsoft BI Publisher and all related hardware and software.
- 2. Programming, training, systems design and development of applications in Microsoft SQL Server, SharePoint 2010 and Microsoft Visual Basic 2010 running in a Windows environment that employs the latest Office suite available under Office 365 and MS Outlook as standard desktop PC products.
- 3. Consulting, training, implementation support and/or project management for implementing Windows Server, Windows Active Directory (2003-2012 domains), Exchange Server, Systems Center Configuration Manager, SharePoint 2010, Internet Information Server and other Microsoft products.

- 4. Consulting, training, implementation support and/or project management for improving the Authority's network including the Cisco core infrastructure as well as various anti-SPAM, firewall, anti-virus and web content filtering appliances & products.
- 5. Consulting, training, implementation support and/or project management for improving the Authority's server and storage environment (VMWare, VMWare View, NetApp Storage Systems, Tintri Storage Systems, Veeam Backup, etc.)
- 6. Consulting, training, implementation support and/or project management in support of the Authority's Salesforce environment (Salesforce CRM, Salesforce Communities (Customer and Partner), Force.com development, etc.)
- 7. Consulting, training, implementation support and/or project management in support of the Authority's geospatial information environment (ESRI ArcGIS desktop, ArcGIS server, etc.)
- 8. Consulting, training, implementation support and/or project management in support of the Authority's data warehouse environment (VMWare, SharePoint 2013, Informatica, Tableau, MS SQL 2012 Enterprise, data modeling tools, SSRS, etc.)
- Provide programming and/or business analyst support for existing Microsoft .Net custom web, SharePoint, and console applications using SQL Server 2012 Enterprise, .Net 4.0 C# and VB, SSRS, Crystal Reports, SharePoint 2007 and newer, and SSIS Packages.
- 10. Consulting, training, implementation support and/or project management in support of the Authority's web development environment, including Sitecore CMS development (.net development including: Visual Basic, C#, Microsoft SQL, Javascript), graphic design, web design, user experience design, quality assurance testing, accessibility/508 compliance, multimedia design, information architecture, search engine marketing, project management, and web content editing (includes knowledge of semantic and accessible HTML, CSS, grammar/punctuation, Adobe Dreamweaver, and content management system experience).
- 11. Consulting, training, implementation support and/or project management in support of the Authority's general software development environment (methodologies such as Agile and waterfall, business requirements analysis, quality assurance and testing, change control/change management, IT training, etc.)

If a firm is empanelled, they will be allowed to provide services if requested to do so by the Authority, even if these services are not part of the above listed scope.

2.3 Engagement Requirements

- 1. Proposers must demonstrate a proven track record of providing consulting services across numerous technical projects.
- 2. No recruitment or consulting employment services. Submitted personnel must be employees of the firm or a sub-contractor that the firm has used successfully in the past.
- 3. Experience in engagements with the Authority's existing hardware and software or operating environment.

- 4. Proof of MWBE Status. Any MWBE firms responding to this RFP that are seeking MWBE status must submit proof that the firm is certified as an MWBE with the Department of Economic Development.
- Upon issuance of a contract from NYSERDA, selected firms will be required to show evidence of General Liability, Disability and Workers Compensation Insurances. In some instances, Professional Liability insurance may also be required.
- 6. The willingness to work with the Authority to minimize costs. The Authority reserves the right to negotiate a lower or different fee structure with any of the firms selected.
- 7. It is expected that consultants will be available for work on-site in either the Albany, NY or NYC office for the majority of an assignment. Special exceptions may be granted when a skill set is deemed particularly difficult to acquire and will be in written terms on the issued task work order for that resource.
- 8. NYSERDA retains the right to end an engagement at any time with or without cause and if replacement or a resource is required is under no obligation to utilize the same contracting firm.
- 9. All billable hours for a given month will be invoiced by the 21st of the following month.
- 10. The contractor agrees that it shall perform or have performed, within the two years immediately preceding the placement of any employee, a background check; by virtue of making such placement the Contractor certifies that such background check on the employee has been performed. The Contractor agrees that it will inform NYSERDA's Director of HR (518.862.1090, ext. 3640; donna.rabito@nyserda.ny.gov), simultaneously with or preceding such placement, if: (1) such background check reveals, with respect to the referred employee, (a) a felony conviction, or (b) any other conviction involving theft, misrepresentation or violent behavior of any sort, or (2) immediately upon its becoming aware that such individual has been convicted such a crime.

3. Proposal Content and Format

A completed and signed Proposal Checklist (Attachment A) must be attached as the front cover of the proposal, and must contain an original signature. Proposals lacking a signed Proposal Checklist will be returned and will not be considered for award.

For the purposes of evaluation, proposals should not be excessively long or submitted in an elaborate format that includes expensive binders or graphics. Unnecessary attachments beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the Proposer, the RFP number, and the page number. The proposal must be in the following format:

Section I: Executive Summary
 Section II: Technical Proposal
 Section III: Cost Proposal

Cost information must **not** be included in the Technical Proposal section.

3.1 Section I: Executive Summary

Provide a brief description of the firm's overall qualifications, approach and qualifications. Please limit to 2 pages maximum.

3.2 Section II: Technical Proposal

Following is a listing of the information required to be provided by the proposer. A technical proposal that does not provide all the information requested below may be subject to rejection. Provide the information in the same order in which it is requested. Your technical proposal must contain sufficient information to assure NYSERDA of its accuracy.

- 1. Provide a separate numbered section corresponding with each item listed in Section 2.2 Scope of Work documenting the firm's qualifications in the respective area. If you are not seeking consideration for a particular item, include a numbered section and indicate that no response is being provided.
- 2. Provide a description of the firm's organization and the resumes of partners, principals, associates and other staff proposed to provide services to NYSERDA. Note any sub-consultants that your firm may be using to fulfill the scope of services.
- 3. Provide a description of the firm's experience providing similar services including recent relevant project experience to the public and private sector. Include the names, titles and phone numbers of at least three (3) references excluding NYSERDA employees for whom similar services have been provided and a summary of the services provided.
- 4. Provide a description of the firm's approach to providing the scope of services including the monitoring and management of potential work assignments. Indicate any areas in which you believe the firm has special expertise.
- 5. Outline the approximate number of resources currently residing in the Albany and NYC as well as an approximate number of resources available overall.
- 6. The proposer must agree to provide NYSERDA with pre- and post-audit access to documents, personnel and other information necessary to conduct audits on request during the term of the Contract and for six years thereafter.
- 7. The proposal submitted must contain a representation that the proposer is willing and ready to provide any services requested or required in a timely manner.

- 8. Disclose any potential conflicts of interest.
- 9. Note any special certifications relevant to this RFP that your firm or proposed staff may possess, and outline opportunities that consulting staff have to keep skills current.
- 10. Indicate other services besides staff augmentation or consulting services which could be potentially relevant to NYSERDA.

3.3 Section III - Cost Proposal

Following is a listing of the information required to be provided by the proposer. A cost proposal that does not provide all the information requested below may be subject to rejection. Provide the information in the same order in which it is requested. Your cost proposal must contain sufficient information to assure NYSERDA of its accuracy.

- 1. Provide billing rates for each of the services that your firm is proposing on. Correspond with the items listed under Section 2.2 Scope of Work. List out unique functional titles (i.e. Developer, Analyst, Project Manager) with a corresponding rate for each.
- 2. List all disbursements or other services for which the firm would expect reimbursement.
- 3. Indicate any reductions from normal billing rates charged other issuers or public entities in New York State.
- 4. Indicated any additional fees such as though for background checks or other pre-employment activities.
- 5. Outline the opportunities, timelines and fees associated with converting consulting resources to full time NYSERDA staff if an option.

4. EVALUATION OF PROPOSALS

4.1 General Selection Process

The selection process will begin with the review and evaluation of each of the written proposals. The purpose of this evaluation process is twofold: (1) to examine the responses for compliance with this RFP; (2) to identify the complying firms that have the highest probability of satisfactorily performing the scope of services at a reasonable cost to NYSERDA. All written proposals will be reviewed and evaluated by a Technical Evaluation Panel (TEP) selected by NYSERDA. The TEP will score each Technical Proposal according to the criteria and scoring process described herein.

4.2 Interviews

NYSERDA reserves the right to determine whether interviews will be necessary and for which firms. The purpose of the interview is to further document the proposer's ability to provide the required services, and to impart to the TEP an understanding of how specific services will be furnished. The proposed lead principal, as well all other key personnel proposed to provide the services must be present and participate in the interview. The interview will be evaluated on the basis of whether it substantiates the characteristics and attributes claimed by the proposer in its written response to this RFP and any other information requested by the TEP prior to the interview.

4.3 Evaluation Process

The evaluation will be conducted in a comprehensive and impartial manner as set forth herein using the following steps.

Step	Title	Scoring Method
1	Demonstrated capacity to perform the types of activities that have been described in the Scope of Work.	25%
2	Experience in engagements with the hardware and software utilized by NYSERDA.	25%
3	Quality of work product. For those firms who have worked for the Authority before, quality of work on those transactions will be considered.	25%
4	Cost Proposal rates evaluated on reasonableness in comparison to other respondents.	25%

Step 1: Technical Proposal Score

The TEP will evaluate the extent to which the Proposer's Technical Proposal meets the requirements as specified in this RFP. TEP members will independently score each Technical Proposal and then meet to discuss the merits and scoring justifications of each Proposer. Evaluators will be allowed to revise scores based on the panel discussions.

Step 2: Cost Proposal Score

Cost Proposals will be evaluated relative to each other based on common consultant titles. In addition NYSERDA will utilize both historical rates paid for consulting services as well as compare to known rate schedules as derived from HBITS when developing the cost proposal score.

Step 3: Total Proposal Score

The Total Proposal Score will be the sum of the Technical Proposal Score and the Cost Proposal Score.

The TEP will rank proposals in descending order from highest to lowest Total Proposal Score. Top-ranked acceptable Proposers will proceed in the evaluation process and be invited to present a solution relevant to this project. NYSERDA may, at its discretion, invite other Proposers to give a presentation.

Step 4: Recommendation and Board Approval

The TEP will rank the Proposers' final scores in descending order, from highest to lowest score, which will form the basis for the TEP's award recommendation to NYSERDA Management. It is anticipated that there could be multiple selections depending on the number of qualified proposers.

Any Proposer recommended by the TEP must be approved by the Board of NYSERDA prior to any award under this RFP.

5. GENERAL CONDITIONS

Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause <u>substantial injury to the competitive position</u> of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "<u>Confidential</u>" or "<u>Proprietary</u>" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 http://nyserda.ny.gov/~/medialFiles/About/ContactINYSERDARegulatjons.ashx. However, NYSERDA cannot quarantee the confidentiality of any information submitted.

Omnibus Procurement Act of 1992 - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

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The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

Tax Law Section 5-a - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at http://www.tax.ny.gov/pdf/current forms/st/st220td fill in.pdf).

Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf.

Contract Award - NYSERDA anticipates making more than one award under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal (see Proposal Checklist). Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately (4) weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

Limitation - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

Disclosure Requirement - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

6. ATTACHMENTS

Attachment A: Proposal Checklist

Attachment B: Disclosure of Prior Findings of Non- Responsibility

Attachment C: Project Personnel Rates

Attachment D: Sample Agreement

Attachment E: Electronic Proposal Submission Instructions

Attachment F: Article 15-A (MWBE) Provisions for Solicitation Documents



76West: Building a Clean Energy Business Ecosystem in New York's Southern Tier Request for Qualifications (RFQL) 3101 Up to \$20 million Available

Proposals Due: June 15, 2015 by 5:00 PM Eastern Time*

Program Summary: The Southern Tier¹ of New York State is a leader in clean energy innovation and investment. To advance and accelerate this progress, the New York State Energy Research and Development Authority (NYSERDA) is implementing 76West as a clean energy business competition designed to bring new jobs to the Southern Tier Region (Region). The competition will take advantage of the Region's advanced manufacturing sector, reliable research and tech-transfer capabilities, as well as business training and improvement programs already in place. This competition is expected to attract investment and innovative ideas from around the world to the Region. As part of the competition, entrepreneurs and companies will be challenged to present their ideas and compete for funding, technical assistance, and other services to help turn their proposals into real opportunities.

Through this solicitation, NYSERDA expects to select one or more contractors to provide as-needed consulting services to support the 76West initiative. The expected start date for work under this program is August 4, 2015.

Proposal Submission: Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility, in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this RFQL's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are located as Attachment D to this RFQL.

If mailing or hand-delivering, proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing both a PDF and MS Word digital copy of the proposal, following the above guidelines. Mailed or hand-delivered proposals must be clearly labeled and submitted to:

Roseanne Viscusi, RFQL 3101 NYS Energy Research and Development Authority 17 Columbia Circle Albany, NY 12203-6399

If you have technical questions concerning this solicitation, contact Jeff Peterson at (518) 862-1090, ext.3288 or jeff.peterson@nyserda.ny.gov. If you have contractual questions concerning this solicitation, contact Venice Forbes at (518) 862-1090, ext. 3507 or venice.forbes@nyserda.ny.gov.

No communication intended to influence this procurement is permitted except by contacting Jeff Peterson (Designated Contact) at (518) 862-1090, ext.3288 or jeff.peterson@nyserda.ny.gov. Contacting anyone other than this Designated Contact (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

¹ For the purpose of 76West, the Southern Tier is defined as including the following counties: Allegany, Broome, Cattaraugus, Chautaugua, Chemung, Chenango, Delaware, Schuyler, Steuben, Tompkins and Tioga.

^{*} Late proposals will be returned. Incomplete proposals may be subject to disqualification. It is the proposer's responsibility to ensure that all pages have been included in the proposal. Faxed or e-mailed proposals will not be accepted. Proposals will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's web site at www.nyserda.ny.gov.

I. Introduction

The New York State Energy Research and Development Authority (NYSERDA) is a public benefit corporation established by the New York State Legislature in 1975 with a mandate to use innovation and technology to solve some of New York's most difficult energy and environmental problems in ways that improve the State's economy. NYSERDA does so through research and development programs and market development efforts. Information on NYSERDA programs can be found at www.nyserda.ny.gov.

The Southern Tier² of New York State is a leader in clean energy innovation and investment. To advance and accelerate this progress, NYSERDA is implementing 76West as a clean energy business competition designed to bring new jobs to the Southern Tier Region (Region). The competition will take advantage of the Region's advanced manufacturing sector, reliable research and tech-transfer capabilities, as well as business training and improvement programs already in place. This competition is expected to attract investment and innovative ideas from around the world to the region. As part of the competition, entrepreneurs and companies will be challenged to present their ideas and compete for funding, technical assistance, and other services to help turn their proposals into real opportunities.

The strategic goals of the 76West initiative include: catalyze a clean energy business cluster that builds on the indigenous strengths and assets of the Region; grow and attract new clean energy businesses; leverage existing and planned public and private investment in research and business growth; build partnerships with local businesses to bring innovative solutions to the market; communicate the opportunities of the Region to clean energy businesses outside of the region; and support a portfolio of programs designed to increase the probability of success for the new businesses participating in the competition. Beyond the regional economic development benefits of the program, commercializing new technologies that help New Yorkers (and beyond) use less energy or generate cleaner energy will have long term greenhouse gas reduction impacts.

76West is a comprehensive four-year program with an annual \$2.5 million Business Model Competition that will be launched by the end of this year. Preliminary program details could include, but are not limited to:

- The competition will be open to any early-stage clean energy technology business in the world that builds on the indigenous strengths and assets of the Southern Tier.
- Eligible categories will focus around stages of business development
- · Prize payments will be made as milestones are achieved.

In addition to the business competition, 76West will offer business support services to the local clean energy market. These services could include, but are not limited to:

- Entrepreneurial training programs, built, for example, around the customer discovery, market validation and business model canvas methodology.
- · Access to and use of the existing incubator programs in the region.
- · An Entrepreneurs-in-Residence program to provide mentoring and coaching on commercialization and business development.
- Networking events to introduce regional clean energy technology businesses to potential corporate partners and investors.
- · Fellowship programs to locate graduate students for internships and research assignments.
- Facilitated access to rapid-prototyping and pilot-scale manufacturing resources in the region, and across New York.
- Building a pool of business professionals in the Southern Tier to provide the necessary expertise to clean energy technology businesses in the region through an Executive Leadership Institute.

For the purpose of the 76West initiative, clean energy is defined as follows: hardware technologies, software technologies, services, or processes that broadly reduce energy consumption and greenhouse gas emissions and/or enable the transition to a sustainable and clean energy economy by increasing the supply of renewable energy and distributed energy resources, improving the efficiency of energy utilization at the consumer and industrial scale, improving the processes and systems that use energy, or more effectively enabling energy solutions to permeate the marketplace.

² For the purpose of 76West, the Southern Tier is defined as including the following counties: Allegany, Broome, Cattaraugus, Chautauqua, Chemung, Chenango, Delaware, Schuyler, Steuben, Tompkins and Tioga.

II. Program Eligibility

Eligible proposers may include, but are not limited to, private businesses, consultants, academics, business development organizations, or teams.

III. Program Requirements

Proposers are invited to submit, in the format described below in Section IV C, a proposal describing their skills, expertise, experience, qualifications, and personnel rates in the areas outlined below. Proposers are permitted, but not required, to team with partners (subcontractors) they think would offer complementary expertise in addressing the following Program Objectives:

A. Program Objectives

The objective of this solicitation is to identify *one or more contractors* to implement activities that support the success of 76West, including the following:

<u>Program Marketing and Communications Implementation:</u> Position/brand and support the launch of 76West to achieve the following:

- Attract interest from promising companies inside and outside of the Region;
- Encourage and support companies in New York State and the Region to use the opportunity to position themselves for further growth; and
- Leverage and coordinate marketing across organizations in the Region to deliver consistent messages and value.

<u>Design and Implement the 76West Clean Energy Business Plan Competition</u>: The core activities in this program component include, but are not limited to, the following:

- Development of the official rules, eligibility and judging criteria;
- Development of a program implementation and competition schedule (the competition launch date is November, 2015); and,
- Management of the logistics for the competition including all of the events leading up to, during, and following the annual competition.

<u>Entrepreneurial Training:</u> The core activities in this program component include, but are not limited to, the following:

- Leverage and utilize existing incubators in the Region or other programs across New York State to deliver a range of entrepreneurial education activities in the months leading up to the annual competition application due date;
- Develop and implement entrepreneurial training, based on a customer discovery and market validation model, to semi-finalists prior to the due date for the final application. The training must be accessible to semi-finalist teams that could be located outside of the Region.

<u>Business Support and Mentoring</u>: The core activities in this program component involve the development and implementation of a series of initiatives designed to increase the success and growth rate of businesses selected through the competition. These may include, but are not limited to, the following:

- The use of existing incubator programs in the region to provide support and services to the businesses selected in the competition;
- An Entrepreneurs-in-Residence program to provide mentoring and coaching to selected businesses;
- A series of networking events, such as Business Showcase, Startup Weekends and Venture Forums, to introduce selected clean energy technology businesses to potential corporate partners and investors;
- Partnerships with academic institutions across New York, to locate graduate students with selected clean energy businesses from the competition for internships and research assignments; and.
- Provide facilitated access to resources in the Region, and across New York, to provide

manufacturing design, testing and pilot manufacturing to selected clean energy businesses from the competition.

<u>Corporate/Institutional Partnerships</u>: The core activities in this program component involve proactive connection to regional and New York State public and private organizations that can serve as strategic partners for businesses selected in the competition and potentially support/invest in the competition.

<u>Identify and Track Critical Key Performance Indicators (KPI)</u>: In consultation with NYSERDA, identify the objective variables that will be used to measure the performance of the 76West initiative. Develop and implement the processes to track the variables and desired outcomes.

Other Activities: Under the direction of NYSERDA, plan and conduct additional services that further the objectives of the 76West initiative.

B. Funding

Up to \$20 million may be available for the program. The initial term of the contracts signed will be for 5 years to support 4 annual competitions.

C. Task Order Agreements

One or more contractors may be selected through this RFQL. NYSERDA will enter into a general Task Order Agreement with the selected contractor(s) with the flexibility to request services for a variety of activities. A Task Order Agreement is used because no estimate can be made in advance as to the type, amount, and complexity of the work.

The Task Order Agreements will not guarantee any specific amount of work, but may contain a maximum dollar amount. Following a request from NYSERDA, the contractor will prepare a written Task Order Plan, which will become a binding agreement for all parties. The Task Order Plan will be prepared by the contractor in cooperation with NYSERDA.

Task Order Plans shall include:

- The goals and objectives of the project
- The detailed, task-based approach that will be taken to meet the objectives
- Any relevant background information
- Defined deliverables
- The project time frame
- The names and titles of individuals to work on the project
- The total not-to-exceed cost of the project, including a breakout by task and by title, hourly rate, hours, and non-labor costs
- The identification of performance measures to track project success

The details of any Task Order Plan will be consistent with the level of complexity of the proposed project or activity. Hourly rates shall be those in the general Task Order Agreement. NYSERDA must review and approve all Task Order Plans before projects are implemented.

D. Compensation

Compensation will be based on the contractor's direct and indirect personal services costs (included in the proposal) plus allowable expenses. Fees will be based on the contractor's hourly rates for the appropriate level of staff. NYSERDA will negotiate each task order on the basis of demonstrated competence and qualifications, at fair and reasonable fees. Fee schedules (Attachment C) shall be included in each proposal that identify rates for each member of the team by title. Proposers are asked to consider the length of the Agreement (five years) in proposing their fee schedules, which will be fixed for the duration of the five-year contract period. Should the Agreement be extended after the five-year contract period, rates may not escalate by more than 3% in each additional year.

Budgets for all work conducted will be included in the Task Order Plan and approved by NYSERDA. The Task Order Plan will also place a ceiling or not-to-exceed amount for each project. Contractors who accrue billable hours beyond the ceiling in the Task Order Plan, without approval in writing by NYSERDA, will do so at their own risk. **Contractors will not be compensated for time spent in the preparation of any Task Order Plan.** Preparation of the Task Order Plan is considered to be covered by the contractor's overhead expenses.

IV. Proposal Requirements

Proposers are invited to submit a proposal following format outlined in Section IV C below. A completed and signed Proposal Checklist (Attachment A) must be attached as the front cover of your proposal. Late proposals will be returned and proposals lacking the appropriate completed and signed Proposal Checklist may be returned. Faxed or e-mailed copies will not be accepted.

A. Submittal

Electronic submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery. If submitting electronically, proposers must submit the proposal in either PDF or MS Word format with a completed and signed Proposal Checklist and Disclosure of Prior Findings of Non-Responsibility (Attachment B), in PDF format. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility, rather than scanning. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. Proposals may be submitted electronically by following the link for electronic submissions found on this RFQL's webpage, which is located in the "Current Opportunities" section of NYSERDA's website (http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx). Instructions for submitting electronically are located as Attachment D to this RFQL.

If mailing or hand-delivering, proposers must submit (2) paper copies of their proposal with a completed and signed Proposal Checklist, along with a CD or DVD containing both a PDF and MS Word digital copy of the proposal, following the above guidelines. Late proposals and proposals lacking the appropriate completed and signed Proposal Checklist may be returned. Faxed or e-mailed copies will not be accepted.

B. Procurement Lobbying Requirements - State Finance Law sections 139-j and 139-k

Procurement lobbying requirements contained in State Finance Law sections 139-j and 139-k became effective on January 1, 2006. (The texts of the laws are available at: http://ogs.ny.gov/aboutOgs/regulations/defaultSFL_139j-k.asp). In compliance with §139-j and §139-k of the State Finance Law, for proposals submitted in response to this solicitation that could result in agreements with an annual estimated value in excess of \$15,000, additional forms must be completed and filed with proposals: (1) a signed copy of the Proposal Checklist including required certifications under the State Finance Law and (2) a completed Disclosure of Prior Findings of Non-Responsibility form. Failure to include a signed copy of the Proposal Checklist referenced in this solicitation will disqualify your proposal.

C. Proposal Format

Proposals should not be excessively long or submitted in an elaborate format that includes expensive binders or graphics. Unnecessary attachments beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. Each page of the proposal should state the name of the proposer, RFQL 3101, and the page number.

All responses submitted as part of this RFQL solicitation process become the property of NYSERDA. Proposers will not be reimbursed by NYSERDA for any costs associated with the preparation of their proposals. Proposals may be either single- or double-sided, but a page is considered one side of an 8-1/2" x 11" piece of paper. The font size shall not be smaller than 11 point.

Each proposal shall contain, at a minimum, the following:

Cover Letter (1 page suggested)

Proposers shall submit a cover letter on company letterhead that:

- (a) references RFQL 3101
- (b) summarizes the proposer's ability to perform such services relative to Section III A -- Program Objectives
- (c) is signed by a person with authority to enter into a contract with NYSERDA

Letters from subcontractors included in the proposal must be attached to the proposal and include the same information included in the proposer's cover letter.

<u>Program Objectives:</u> Proposals must include the information outlined below for each of the Section III A - Program Objectives for which the proposer is interested in delivering service.

Overall Experience and Capabilities (2-3 pages)

Describe the team's expertise and experience in performing one or more of the activities outlined in Section III A -- Program Objectives. This should include the aggregate number of years working in this area and a brief summary of at least one and no more than three similar projects. The project descriptions should specify the level of involvement of the proposing firm and subcontractors and the results/deliverables of the project.

Recommended Approach (2-3 pages)

Proposers must provide a more detailed discussion of the recommended approach and experience of the project team in delivering the proposed activities outlined Section III A -- Program Objectives, above. Provide at least one reference that can be contacted by NYSERDA.

Proposers must provide examples of similar activities of the proposing team in sufficient detail to allow for the evaluation of the capabilities of the proposing team to deliver superior service to NYSERDA in meeting Section III A -- Program Objectives.

Management Plan (1-2 pages, plus one-page résumés)

Proposers must identify and describe the company or organization that will be the prime contractor under this RFQL and describe any personnel, teams, and subcontractors. Describe past relationships with team members and subcontractors. Include an organizational chart, if necessary. Describe the accomplishments, experiences, and expertise of the individuals comprising the proposing team relevant to this RFQL.

Proposers must identify the project manager who will serve as the single point of contact as well as all personnel that may be involved with providing services under this RFQL.

In this section include one-page résumés that highlight recent experiences of all individuals who will be directly involved in providing services.

Fee Schedule

Proposers must include a fee schedule (Attachment C) for the services proposed under this RFQL. Fee schedules for proposers and all subcontractors shall include: direct labor costs presented by job title, and a range for each job title's hourly rate; travel and per diem costs; overhead rates (basis rate and items included in overhead rate); general and administrative costs and basis for application; and other costs. If a proposer is not located in New York State, describe how travel costs will be minimized.

D. Indirect Cost

Attach supporting documentation to support indirect cost (overhead) rate(s) included in your proposal as follows:

1. Describe the basis for the rates proposed (i.e., based on prior period actual results; based on projections; based on federal government or other independently-approved rates).

- 2. If rate(s) is approved by an independent organization, such as the federal government, provide a copy of such approval.
- 3. If rate(s) is based on estimated costs or prior period actual results, include calculations to support proposed rate(s). Calculation should provide enough information for NYSERDA to evaluate and confirm that the rate(s) is consistent with generally accepted accounting principles for indirect costs.

NYSERDA reserves the right to audit any indirect rate presented in the proposal and to make adjustment for such difference. Requests for financial statements or other needed financial information may be made if deemed necessary.

V. Proposal Evaluation

Proposals that meet Section II – Program Eligibility and Section IV – Proposal Requirements will be reviewed by a Technical Evaluation Panel (TEP) consisting of NYSERDA staff and selected outside reviewers. Responses to each of the Program Objectives will be individually reviewed and assigned scores based on the criteria highlighted below:

The following factors will also be considered during the evaluation:

- Reasonableness of the Recommended Approach as required under Section IV C, above.
- Previous experience in the conduct and delivery of services similar to those described in Section III A -Program Objectives.
- Adequacy/depth of resources to provide requested services in a timely manner.
- Clear identification of staff that are available to be assigned to various project types.
- Qualifications and expertise of the staff in relevant areas (listed in Section IV C).
- Reasonableness of labor rates, associated fees, and overhead.
- Demonstrated ability to complete projects on schedule.
- Information provided by references.
- Other programmatic and management factors deemed appropriate by NYSERDA.

Further, as part of the evaluation process, proposers may be required to have appropriate representatives attend an interview in Albany, NY prior to final selection.

<u>Conflicts:</u> The firm, its principals, subcontractors, and any personnel of the firm must be free from any financial or similar interest in any product or service which may conflict with or appear to conflict with the objectivity of the services provided to NYSERDA. Please describe all of your product, manufacturer or service-related affiliations. If any affiliations exist, you must provide a statement verifying these affiliations do not conflict with or appear to conflict with the objectivity of providing services to NYSERDA and its customers. Non-disclosure of any affiliation can result in the termination of a contract, if awarded.

VI. GENERAL CONDITIONS

A. Proprietary Information - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2) (d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to exempt it from disclosure, including a written statement of the reasons why the information should be exempted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part

501 http://www.nyserda.ny.gov/en/About/New-York-State-Regulations.aspx. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

B. **Omnibus Procurement Act of 1992** - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York subcontractors and suppliers is available from:

Empire State Development Division for Small Business 30 South Pearl Street Albany, NY 12245

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development Minority and Women's Business Development Division 30 South Pearl Street Albany, NY 12245

- C. State Finance Law sections 139-j and 139-k NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at http://ogs.ny.gov/aboutOgs/regulations/defaultSFL 139j-k.asp
 The attached Proposal Checklist (Attachment A) calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form (Attachment B) includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.
- D. Tax Law Section 5-a NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed guidance for contractors which is available at http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf). The Department has developed
- E. Contract Award NYSERDA anticipates making one or more awards under this solicitation. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement (Attachment E) to contract successful proposals. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the submitted proposal. NYSERDA expects to notify proposers in approximately eight weeks from the proposal due date whether your proposal has been selected to receive an award.
- F. **Limitation** This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA

reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement.

G. **Disclosure Requirement** - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

VII. Attachments:

Attachment A: Proposal Checklist

Attachment B: Disclosure of Prior Findings of Non-Responsibility

Attachment C: Project Personnel and Rates
Attachment D: Electronic Submission Guidelines
Attachment E: Sample Task Order Agreement

NYSERDA Public Authority Law Report April 1, 2015 to September 30, 2015

Section Break

REDC Region	County	Electric Utility	Total Funded Amount
Capital Region	ALBANY	Central Hudson Gas and Electric	94,207.10
		Municipal Utilities	3,748.00
		National Grid	21,233,970.13
	COLUMBIA	Central Hudson Gas and Electric	9,156.00
		National Grid	912,560.00
		NYS Electric and Gas	489,104.00
	GREENE	Central Hudson Gas and Electric	271,680.20
	RENSSELAER	National Grid	4,600,457.29
		NYS Electric and Gas	199,162.00
	SARATOGA	National Grid	2,928,412.39
		NYS Electric and Gas	790,233.16
	SCHENECTADY	National Grid	1,049,810.32
	WARREN	National Grid	2,314,809.27
	WASHINGTON	National Grid	551,634.16
		NYS Electric and Gas	571,786.64
	Total		36,020,730.66
Central New York	CAYUGA	National Grid	15,472.00
		NYS Electric and Gas	2,210,933.29
		Rochester Gas and Electric	74,372.00
	CORTLAND	National Grid	724,242.58
		NYS Electric and Gas	585,065.18
	MADISON	Municipal Utilities	25,000.00
		National Grid	2,837,674.67
		NYS Electric and Gas	105,790.96
	ONONDAGA	Municipal Utilities	54,430.66
		National Grid	5,086,627.07
		NYS Electric and Gas	509,045.00
	OSWEGO	National Grid	1,046,793.03
	Total		13,275,446.44
Finger Lakes	GENESEE	National Grid	371,817.69
	LIVINGSTON	National Grid	328,522.00
		NYS Electric and Gas	26,768.00
		Rochester Gas and Electric	199,991.20
	MONROE	National Grid	240,896.65
		Rochester Gas and Electric	5,709,734.63
	ONTARIO	National Grid	33,362.00
		NYS Electric and Gas	1,951,496.16
		Rochester Gas and Electric	1,542,491.50
	ORLEANS	National Grid	398,420.15
	SENECA	NYS Electric and Gas	383,237.24
	WAYNE	NYS Electric and Gas	348,550.00
		Rochester Gas and Electric	1,029,295.35
	WYOMING	Municipal Utilities	96,934.00
		National Grid	646,618.18
		NYS Electric and Gas	825,310.25
	YATES	NYS Electric and Gas	295,126.87
	Total		14,428,571.87

NASSAU	Municipal Utilities	
	Municipal Otilities	200,000.00
	PSEG Long Island	31,340,968.00
SUFFOLK	Municipal Utilities	100,000.00
	PSEG Long Island	5,415,516.50
Total		37,056,484.50
DUTCHESS	Central Hudson Gas and Electric	2,922,590.05
	NYS Electric and Gas	80,303.65
ORANGE	Central Hudson Gas and Electric	1,100,734.99
	NYS Electric and Gas	82,981.00
	Orange and Rockland Utilities	3,272,929.41
PUTNAM	Central Hudson Gas and Electric	76,795.00
	NYS Electric and Gas	219,734.43
ROCKLAND Orange and Rockland Utilities		1,125,627.00
SULLIVAN	Central Hudson Gas and Electric	28,440.00
	NYS Electric and Gas	2,308,540.40
	Orange and Rockland Utilities	247,499.00
ULSTER	Central Hudson Gas and Electric	2,686,572.55
	NYS Electric and Gas	135,540.78
WESTCHESTER	Consolidated Edison	9,344,380.19
	NYS Electric and Gas	4,641,756.01
Total		28,274,424.46
CHENANGO	Municipal Utilities	99,933.00
	National Grid	57,957.00
	NYS Electric and Gas	1,252,847.33
FULTON	National Grid	134,921.00
HERKIMER	National Grid	2,938,714.12
	NYS Electric and Gas	67,565.75
MONTGOMERY	National Grid	284,808.24
ONEIDA	National Grid	6,729,895.39
	NYS Electric and Gas	94,031.43
OTSEGO		11,431.00
		1,363,325.55
SCHOHARIE		2,297,467.19
		217,157.50
Total	2	15,550,054.50
	Consolidated Edison	11,050,801.30
		9,959,619.14
		36,887,100.47
		5,410,021.11
Q0		5,873.00
PICHMOND		4,538,312.26
	OOTSONIGATED EUISON	67,851,727.28
	Municipal Hillities	98,677.00
OLIITIOIT		7,200.00
ESSEA		1,605,188.58
ESSEA		405,190.74 122,157.27
	DUTCHESS ORANGE PUTNAM ROCKLAND SULLIVAN ULSTER WESTCHESTER Total CHENANGO FULTON HERKIMER MONTGOMERY	Total DUTCHESS Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric NYS Electric and Gas Orange and Rockland Utilities PUTNAM Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric NYS Electric and Gas ROCKLAND Orange and Rockland Utilities SULLIVAN Central Hudson Gas and Electric NYS Electric and Gas Orange and Rockland Utilities ULSTER Central Hudson Gas and Electric NYS Electric and Gas Orange and Rockland Utilities ULSTER Central Hudson Gas and Electric NYS Electric and Gas Orange and Rockland Utilities ULSTER Consolidated Edison NYS Electric and Gas Total CHENANGO Municipal Utilities National Grid NYS Electric and Gas FULTON National Grid NYS Electric and Gas MONTGOMERY National Grid NYS Electric and Gas MONTGOMERY National Grid NYS Electric and Gas OTSEGO National Grid NYS Electric and Gas SCHOHARIE National Grid NYS Electric and Gas Total BRONX Consolidated Edison NEW YORK Consolidated Edison PSEG Long Island RICHMOND Consolidated Edison NEW YORK Consolidated Edison PSEG Long Island RICHMOND Consolidated Edison Nutional Grid NYS Electric and Gas

REDC Region	County	Electric Utility	Total Funded Amount
North Country	FRANKLIN	National Grid	480,801.11
		NYS Electric and Gas	117,007.90
	HAMILTON	National Grid	39,828.00
	JEFFERSON	Municipal Utilities	8,680.00
		National Grid	4,979,869.44
	LEWIS	National Grid	527,400.73
	SAINT LAWRENCE	National Grid	43,852.00
	ST. LAWRENCE	National Grid	2,031,324.10
	Total		10,467,176.87
Southern Tier	BROOME	NYS Electric and Gas	1,679,613.29
	CHEMUNG	NYS Electric and Gas	829,918.09
	DELAWARE	NYS Electric and Gas	637,776.00
	SCHUYLER	NYS Electric and Gas	547,867.52
	STEUBEN	Municipal Utilities	98,677.00
		NYS Electric and Gas	701,264.45
	TIOGA	NYS Electric and Gas	1,260,536.91
	TOMPKINS	NYS Electric and Gas	11,498,315.39
	Total		17,253,968.65
Statewide	STATEWIDE	Statewide	88,905,341.48
	Total		88,905,341.48
Western New York	ALLEGANY Municipal Utilities		7,917.50
		National Grid	25,488.00
		NYS Electric and Gas	64,778.00
		Rochester Gas and Electric	5,951.00
	CATTARAUGUS	Municipal Utilities	100,000.00
		National Grid	2,401,833.45
		NYS Electric and Gas	5,600.00
	CHAUTAUQUA	Municipal Utilities	196,573.00
		National Grid	5,606,827.73
		NYS Electric and Gas	23,275.00
	ERIE	National Grid	6,836,668.07
		NYS Electric and Gas	2,932,665.17
	NIAGARA	National Grid	12,436,308.97
		NYS Electric and Gas	322,329.76
	Total		30,966,215.65
Grand Total			360,050,142.36

egion	Contractor	County	Electric Utility	Project Description	Total Fund Amou
Region	21C4E, Inc.	RENSSELAER	National Grid	New York Sun Program, Solarize Spring 2015	5,000.
	Active Solar Development, LLC	ALBANY	National Grid	Renewable Thermal, NY-Sun	98,759.
				Renewable Thermal, RES-New Const & Adv Tech	50,000
		RENSSELAER	National Grid	Renewable Thermal, NY-Sun	21,551
		SARATOGA	National Grid	New York Sun Program, NY-Sun	23,798
				Renewable Thermal, NY-Sun	29,851
				Renewable Thermal, RES-New Const & Adv Tech	25,000
				Workforce Development, PON2033-3	37,160
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	5,130
		WARREN	National Grid	Renewable Thermal, RES-New Const & Adv Tech	25,000
		WASHINGTON	National Grid	Renewable Thermal, RES-New Const & Adv Tech	25,000
	Advanced Climate Technologies, LLC	SCHENECTADY	National Grid	Renewable Heat NY, Automated Manufacturing System	350,000
	Air Compressor Engineering Co., Inc.	GREENE	Central Hudson Gas and Electric	Industrial Process Efficiency Program, Industrial Process Efficiency	78,505
	Air Liquide	ALBANY	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	37,304
		ALBANY	National Grid		125,116
	Albany Convention Center Authority	ALBANY	National Grid	New Construction Program, NCP10695 - NYS Convention Cntr	9,700
	Albany Management	ALDAINT	National Grid	Home Performance with Energy Star, Codes & New Construction	
				New York ENERGY STAR Homes, Codes & New Construction	87,300
	Albany Medical Center	ALBANY	National Grid	New Construction Program, NCP12177 - Park South	53,478
				New Construction Program, NCP12591 - Albany Medical Offi	20,567
	Allen Power, Inc.	ALBANY	National Grid	Smart Grid Systems, City of Albany Univ. Heights	100,000
	Alliance to Save Energy	ALBANY	National Grid	Administration OH, 2015 Associate Membership Dues	25,000
	Alternative Power Solutions of NY, LLC	COLUMBIA	National Grid	New York Sun Program, NY-Sun	18,480
		GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	10,192
	American Energy Care, Inc.	ALBANY	National Grid	New York Sun Program, NY-Sun	56,920
		WASHINGTON	National Grid	New York Sun Program, NY-Sun	15,687
	American Solar Partners, LLC	RENSSELAER	National Grid	New York Sun Program, NY-Sun	15,761
		SARATOGA	National Grid	New York Sun Program, NY-Sun	10,192
	Anodyne Solutions	SCHENECTADY	National Grid		100,000
	AOW Associates, Inc.	ALBANY	National Grid	Smart Grid Systems, City of Schenectady NY Prize	15,450
	AOW Associates, Inc.	ALDAINT	National Grid	Home Performance with Energy Star, Codes & New Construction	
				New York ENERGY STAR Homes, Codes & New Construction	139,050
	Apex Solar Power LLC	ALBANY	National Grid	New York Sun Program, NY-Sun	23,715
		GREENE	Central Hudson Gas and Electric	Renewable Thermal, NY-Sun	6,000
		RENSSELAER	National Grid	New York Sun Program, NY-Sun	17,500
		SARATOGA	National Grid	New York Sun Program, NY-Sun	146,833
				PV Incentive Program	6,000
				Renewable Thermal, NY-Sun	12,000
			NYS Electric and Gas	New York Sun Program, NY-Sun	5,400
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	19,100
		WARREN	National Grid	New York Sun Program, NY-Sun	109,880
				PV Incentive Program	12,000
				PV Incentives Program	6,000
		WASHINGTON	National Grid	New York Sun Program, NY-Sun	30,363
		Witering	National Ond	Renewable Thermal, NY-Sun	17,040
			NVC Floatric and Coo		
	Astrono Oslan Inc		NYS Electric and Gas	New York Sun Program, NY-Sun	5,292
	Astrum Solar, Inc.	ALBANY	National Grid	New York Sun Program, NY-Sun	27,144
		COLUMBIA	NYS Electric and Gas	New York Sun Program, NY-Sun	7,700
		GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	26,710
		RENSSELAER	National Grid	New York Sun Program, NY-Sun	19,955
		SARATOGA	National Grid	New York Sun Program, NY-Sun	14,222
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	6,105
	Aztech Geothermal, LLC	SARATOGA	National Grid	Workforce Development, PON 2033 OJT Hire Gross	8,840
	Ballston Spa Central School	SARATOGA	National Grid	Smart Grid Systems, Village of Ballston Spa Sch. D	99,873
	Beech Hill Farms	WASHINGTON	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	8,469
	Booz Allen Hamilton, Inc.	ALBANY	National Grid	Smart Grid Systems, City of Watervliet NY Prize	99,933
	2002 / 11011 / 10111111011, 11101	SARATOGA	National Grid	Smart Grid Systems, Town of Moreau NY Prize	99,933
	Damaga Calas Cuatanas Inc				865,138
	Borrego Solar Systems, Inc.	WARREN	National Grid	Commercial/Industrial	
	Bruce White	WASHINGTON	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	2,815
	C.T. Male Associates Engineering,	SARATOGA	National Grid	Saratoga Technology + Energy Park, ALTA Survey for STEP as	20,150
	California Associates, LP	ALBANY	National Grid	Multifamily Performance Program, Multifamily	26,200
	Carahsoft Technology Corporation	ALBANY	National Grid	Administration OH, Salesforce Licensing - Year 2	117,68
				Administration OH, Upgrade Salesforce Licenses	9,710
	Cascades Energy Initiatives Inc	SARATOGA	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	15,825
	CDWG, Incorporated	ALBANY	National Grid	Administration OH, SNOW software licensing - 3 yr	19,850
	•				19,800
	CHA Consulting Inc.	RENSSELAER	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	13.000

	Contractor	County	Electric Utility	Project Description	Total Funde Amou
Region	City of Glens Falls	WARREN	National Grid	Smart Grid Systems, City of Glens Falls, NY Prize	100,000.0
	City of Hudson	COLUMBIA	National Grid	New Construction Program, NCP12651 - The Hudson City and	12,310.0
	City of Rensselaer	RENSSELAER	National Grid	Cleaner Greener Communities, CGC41631 - City of Rensselaer	187,500.
	City of Saratoga Springs, NY	SARATOGA	National Grid	New York Sun Program, Solarize Spring 2015	5,000.
	Clough, Harbour & Associates, LLP	ALBANY	National Grid	Administration OH, FlexTech Consultant Selection	23,300.
				Combined Heat and Power, FlexTech Consultant Selection	98,414.
	COA Solar 1, LLC	SARATOGA	National Grid	NY Sun- Competitive PV, PV System @ City of Amsterdam	296,374
	Cogen Power Technologies LLC	ALBANY	National Grid	Smart Grid Systems, Empire State Plaza NY Prize	99,500
		RENSSELAER	National Grid	Smart Grid Systems, City of Troy RPI/Samaritan	99,500
	Commercial Investigations LLC	ALBANY	National Grid	Administration OH, Background Checks	10,000
	Communications Specialists, Inc.	ALBANY	National Grid	New York Sun Program, NY-Sun	6,671
		COLUMBIA	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	9,156
		SARATOGA	National Grid	New York Sun Program, NY-Sun	5,382
	Concur Technologies, Inc.	ALBANY	National Grid	Administration OH, Finance	15,783
	Congregation Ohav Sholom HDFC	ALBANY	National Grid	Multifamily Performance Program, Multifamily	63,300
	Crest Solar LLC	WASHINGTON	NYS Electric and Gas	New York Sun Program, NY-Sun	5,400
	David Wood	SARATOGA	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	7,402.
	DCG Development Co.	SARATOGA	NYS Electric and Gas	New Construction Program, NCP12366 - Homewood Suites Cli	139,400.
	DePaul Properties, Inc.	SCHENECTADY	National Grid	Home Performance with Energy Star, Codes & New Construction	12,600
				New York ENERGY STAR Homes, Codes & New Construction	113,400
	Direct Packet Inc.	ALBANY	National Grid	Administration OH, Upgrade Video System - Albany	57,981.
	Documentation Strategies, Inc.	ALBANY	National Grid	Administration OH, Multifamily IT Support	18,000.
	Elmwood Associates	ALBANY	National Grid	Multifamily Performance Program, Multifamily	38,400.
	Enermat Technologies, Inc.	SARATOGA	National Grid	Clean Transportation, Scalable Graphene Anodes	249,859.
	Enlighten Power Solutions, LLC	ALBANY	National Grid	New York Sun Program, NY-Sun	108,548.
		RENSSELAER	National Grid	New York Sun Program, NY-Sun	7,056
		SARATOGA	National Grid	New York Sun Program, NY-Sun	12,950
		WASHINGTON	National Grid	New York Sun Program, NY-Sun	15,470.
	Eonix LLC	ALBANY	National Grid	Clean Transportation, Next Generation Electrolytes	249,995.
	Epergy, LLC	COLUMBIA	National Grid	New York Sun Program, NY-Sun	5,985.
		SARATOGA	National Grid	New York Sun Program, NY-Sun	13,703.
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	6,930.
	ePlus inc	ALBANY	National Grid	Administration OH, Bulk Service consulting servic	5,000.
	ESRI, Incorporated	ALBANY	National Grid	Administration OH, ESRI Licenses - Renewal	10,860.
	EYP Architecture & Engineering, PC	SCHENECTADY	National Grid	New Construction Program, Technical Assistance Services	23,475.
				Technical Assistance Services	8,500.
	Finch Paper, LLC	WARREN	National Grid	Flexible Technical Assistance Program, PON 1747 - FlexTech Pr	22,428.
				Industrial Process Efficiency Program, Industrial Process Efficiency	1,000,000.
	First Columbia Property Services, LLC	ALBANY	National Grid	Administration OH, Property Management Services	206,293
	FTI Consulting Technology LLC	ALBANY	National Grid	Administration OH, ITG-0083: Legal-Ringtail	19,173
	Fuller Road Management Corp	ALBANY	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	186,709
				Industrial Process Efficiency Program, Pre-Enc	13,089.
	General Electric Company	SCHENECTADY	National Grid	New Construction Program, NCP12770 - Building 33	65,715
	Genesys Engineering, P.C.	ALBANY	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	64,128.
	Glens Falls Industrial Development Agenc	WARREN	National Grid	New Construction Program, NCP13197 - Park Street Parking	20,124.
	GlensFalls CSD	WARREN	National Grid	New Construction Program, NCP12875 - Glens Falls CSD Sci	8,289
	Global Foundries U.S. Inc.	SARATOGA	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	129,755
	Golub Corporation	SARATOGA	National Grid	New Construction Program, NCP12955 - Price Chopper Wilto	118,926
	Goldb Corporation	SARATOGA	NYS Electric and Gas		119,398
	Outh December Consulting Facilities	OOLIENEOTA DV		New Construction Program, NCP12954 - Price Chopper Clift	
	Guth Deconzo Consulting Engineers	SCHENECTADY	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	16,000
	Harris Beach PLLC	SARATOGA	National Grid	Saratoga Technology + Energy Park, Outside Counsel	35,000
	Heritage Village Apartments, LLC	ALBANY	National Grid	Multifamily Performance Program, Multifamily	98,000
	High Peaks Solar	ALBANY	National Grid	New York Sun Program, NY-Sun	16,331
		COLUMBIA	NYS Electric and Gas	New York Sun Program, NY-Sun	7,840
		RENSSELAER	National Grid	New York Sun Program, PV Incentive Program	9,212
			NYS Electric and Gas	New York Sun Program, NY-Sun	6,272
		SARATOGA	National Grid	New York Sun Program, NY-Sun	5,472
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	8,232
	Hobbs & Towne, Inc.	ALBANY	National Grid	Administration OH, recruitment services	50,000
	Holland & Knight LLP	ALBANY	National Grid	Green Bank Outside Legal Serv.	61,587
	Hudson City School District	COLUMBIA	National Grid	Flexible Technical Assistance Program, FlexTech Program - PON	42,586
	Hudson Solar	ALBANY	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	6,272
	i iuusuii sulai				
	Tidusoff Solai		National Grid	New York Sun Program, NY-Sun	24.282
	Tidusoff Solai	COLUMBIA	National Grid	New York Sun Program, NY-Sun New York Sun Program, NY-Sun	24,282.0 92,567.0

Region	Contractor	County	Electric Utility	Project Description	Total Funde Amou
al Region	Hudson Solar	GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	5,080.0
Il Region		RENSSELAER	National Grid	New York Sun Program, NY-Sun	24,751.
			NYS Electric and Gas	New York Sun Program, NY-Sun	20,894.
		SARATOGA	National Grid	New York Sun Program, NY-Sun	111,588.
			NYS Electric and Gas	New York Sun Program, NY-Sun	9,996.
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	51,898.0
		WARREN	National Grid	New York Sun Program, NY-Sun	15,232.0
	ICC 4 West Main LLC	WASHINGTON	National Grid	New Construction Program, NCP12809 - Cambridge Hotel Ren	6,000.0
	Ideal Diary Farms, Inc.	WASHINGTON	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	39,215.1
	IESI NY Corporation	ALBANY	National Grid	Administration OH, Trash Pick-up for NYC	9,646.5
	InfoSense, LLC	ALBANY	National Grid	Administration OH, Information Technology	225,000.0
	InnoVisionary Consulting, LLC	ALBANY	National Grid	Administration OH, Salesforce SME	25,000.0
	Inverters Unlimited, Inc.	ALBANY	National Grid	New York Sun Program, NY-Sun	143,125.0
	Kasselman Solar LLC	ALBANY	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	19,140.0
			National Grid	New York Sun Program, NY-Sun	129,394.
		COLUMBIA	National Grid	New York Sun Program, NY-Sun	13,090.0
		GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	26,452.0
		RENSSELAER	National Grid	New York Sun Program, NY-Sun	118,662.0
		SARATOGA	National Grid	New York Sun Program, NY-Sun	175,921.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	13,090.0
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	13,181.0
	Kaydeross Village, LLC	SARATOGA	National Grid	Home Performance with Energy Star, Codes & New Construction	7,800.0
				New York ENERGY STAR Homes, Codes & New Construction	70,200.0
	Kevin Quinn	SCHENECTADY	National Grid	New York Sun Program, NY-Sun	10,080.0
		WASHINGTON	National Grid	New York Sun Program, NY-Sun	6,615.0
	KPMG LLP	ALBANY	National Grid	Administration OH, Audit services	69,500.0
				New York Green Bank, Audit services	16,500.0
	Krolak Technology Management, LLC	ALBANY	National Grid	Administration OH, Training: Office 365 Migration	18,016.0
	L&S Energy Services, Inc.	RENSSELAER	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	14,100.0
		SARATOGA	National Grid	Renewable Heat NY, Technical Review and Program S	2,658.0
			NYS Electric and Gas	New Construction Program, Technical Assistance Services.	10,190.5
				Technical Assistance Services.	5,190.5
	Lampros Solar, LLC	ALBANY	National Grid	New York Sun Program, NY-Sun	8,526.0
	LexisNexis	ALBANY	National Grid	Administration OH, Green Bank	49,260.0
	Lotus Energy, Inc.	ALBANY	National Grid	New York Sun Program, NY-Sun	6,867.0
		COLUMBIA	National Grid	New York Sun Program, NY-Sun	43,849.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	10,497.0
		GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	18,050.0
	Malcolm Pirnie, Inc.	WARREN	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	17,452.0
	Malta Development Company Inc	SARATOGA	National Grid	Home Performance with Energy Star, Codes & New Construction	7,000.0
				New York ENERGY STAR Homes, Codes & New Construction	63,000.0
	Marshall & Sterling, Inc.	ALBANY	National Grid	Administration OH, Liability and Other Insurance	1,976.0
		SARATOGA	National Grid	Administration OH, Property Liability and Other	197,184.0
	Milliman, Inc.	ALBANY	National Grid	Administration OH, GASB 45 03.31.15 Full Valuatio	11,500.0
	Mohawk Paper Mills, Inc.	SARATOGA	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	46,286.
	Mohonasen Central School District	SCHENECTADY	National Grid	New Construction Program, NCP12899 - Mohonasen Middle Sc	7,545.0
	Monolith Solar Associates, LLC	ALBANY	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	14,917.0
			National Grid	New York Sun Program, NY-Sun	8,683,493.0
		COLUMBIA	National Grid	New York Sun Program, NY-Sun	91,256.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	336,964.0
				New York Sun Program, RES-New Const & Adv Tech	16,200.0
		GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	18,536.0
		RENSSELAER	National Grid	New York Sun Program, NY-Sun	2,214,053.0
				New York Sun Program, PV Incentive Program	6,738.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	158,738.0
		SARATOGA	National Grid	New York Sun Program, NY Sun	11,165.0
				New York Sun Program, NY-Sun	33,116.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	109,038.0
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	17,528.0
		WASHINGTON	National Grid	New York Sun Program, NY-Sun	48,318.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	327,372.
	MSLP II LLC	RENSSELAER	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	174,544.5
	WOLI II LLO				13,991.1
	NASEO	ΔΙ ΒΔΝΙΥ	National (-rid		
	NASEO Network Experts of New York, Inc.	ALBANY	National Grid National Grid	Administration OH, NASEO Membership & Dues 2016 Administration OH, Contract Project Manager	196,650.0

	Network Experts of New York, Inc. New York Power Authority	ALBANY	National Grid	Administration OH, Off-Site Backup Replication	12,000
	New York Power Authority			, ,	
		ALBANY	National Grid	Flexible Technical Assistance Program, FlexTech MOU NYSERD	57,500
				FlexTech MOU NYSERDA-NYPA	24,789
_		SARATOGA	National Grid	FlexTech MOU NYSERDA-NYPA	12,339
	New York State Solar Farm Inc.	SARATOGA	NYS Electric and Gas	New York Sun Program, NY-Sun	9,030
1	Nextera Energy Capital Holdings Inc	ALBANY	National Grid	NY Sun- Competitive PV, NY Sun	2,710,12
		RENSSELAER	National Grid	NY Sun- Competitive PV, PV System @ Union College	838,12
	nfrastructure	ALBANY	National Grid	Administration OH, DL380 Gen 9 - VDI Server	88,25
				Administration OH, VDI Switches	21,75
	Northco Products, Inc.	ALBANY	National Grid	Administration OH, Warranty & Supplies for Copier	5,09
	Northeast Energy Efficiency Partnerships	ALBANY	National Grid	Evaluation, Evaluation, Measurement and Ve	193,66
	Northeast Smart Energy, LLC	COLUMBIA	NYS Electric and Gas	New York Sun Program, NY-Sun	14,00
	Novus Engineering, P.C.	ALBANY	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	12,21
	NRG Residential Solar Solutions, LLC	ALBANY	National Grid	New York Sun Program, NY-Sun	30,52
		COLUMBIA	National Grid	New York Sun Program, NY-Sun	43,37
		GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	24,12
		RENSSELAER	National Grid		12,67
				New York Sun Program, NY-Sun	48,04
		SARATOGA	National Grid	New York Sun Program, NY-Sun	
			NYS Electric and Gas	New York Sun Program, NY-Sun	7,85
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	13,57
		WARREN	National Grid	New York Sun Program, NY-Sun	36,43
		WASHINGTON	National Grid	New York Sun Program, NY-Sun	11,40
			NYS Electric and Gas	New York Sun Program, NY-Sun	7,09
1	NYS Economic Development Council	ALBANY	National Grid	Cleaner Greener Communities, EDGE Program Support Services	174,94
				Cleaner Greener Communities, EDGE Territory 1	456,37
				Cleaner Greener Communities, EDGE Territory 2	343,12
	NYS Forum for IRM	ALBANY	National Grid	Administration OH, NYS Forum Membership - renewal	5,50
	NYS Office of General Services	SARATOGA	NYS Electric and Gas	Saratoga Technology + Energy Park, Permitting Services, GE, 10	11,50
				Saratoga Technology + Energy Park, STEP	20,44
	OGS State Office Building Campus	SARATOGA	NYS Electric and Gas	Saratoga Technology + Energy Park, STEP	12,36
	Oracle America, Inc.	ALBANY	National Grid	Administration OH, Oracle Licenses User Productiv	8,70
	Paradise Energy Solutions, LLC	RENSSELAER	National Grid	New York Sun Program, NY-Sun	8,82
	PosiGen LLC	ALBANY	Central Hudson Gas and Electric		6,00
	1 OSIGEN ELO	ALDANI	National Grid	New York Sun Program, NY-Sun	14,20
		COLLIMBIA		New York Sun Program, NY-Sun	11,20
		COLUMBIA	NYS Electric and Gas	New York Sun Program, NY-Sun	
		GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	6,60
		RENSSELAER	National Grid	New York Sun Program, NY Sun	5,6
		SARATOGA	National Grid	New York Sun Program, NY-Sun	15,60
			NYS Electric and Gas	New York Sun Program, NY-Sun	11,60
		WARREN	National Grid	New York Sun Program, NY-Sun	5,67
		WASHINGTON	National Grid	New York Sun Program, NY-Sun	6,00
1	Positive Energy NY, LLC	ALBANY	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	6,72
			National Grid	New York Sun Program, NY-Sun	25,09
		RENSSELAER	National Grid	New York Sun Program, NY-Sun	15,2
		SARATOGA	National Grid	New York Sun Program, NY-Sun	51,66
		WASHINGTON	National Grid	New York Sun Program, NY-Sun	6,16
	Power Guru, LLC	WASHINGTON	NYS Electric and Gas	New York Sun Program, NY-Sun	10,92
	Quad Graphics, Incorporated	SARATOGA	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	479,16
	Rafferty Enterprises, Inc.	ALBANY	National Grid	ADMIN, Temp Employee	33,65
	realierty Enterprises, inc.	ALDANI	National Orig		18,9
				ADMIN, Temp Employee for NCP	
				ADMIN, Temp Employee Services	65,0
				ADMIN, Temp Employment Services	5,38
				ADMIN, Temp Services	38,7
				Administration OH, Contract Management	18,8
				Administration OH, Facilities Management	8,2
				Administration OH, Temp Employee Services	104,78
				Administration OH, Temp Services	21,5
				Combined Heat and Power, Temp Employment Services	10,76
				Combined Heat and Power, Temp Services	6,82
				Existing Facilities Program, Temp Employee Services	14,2
				New York Sun Program, RES-New Const & Adv Tech	18,9
				New York Sun Program, Temp Services	3,4
				NY Sun, Temp Employment Services	5,38
F F	Randy Danay	MACHINICTON	National Crid		
	Randy Depew Reading Electric Renewable, LLC	WASHINGTON RENSSELAER	National Grid National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie Commercial Industrial	42,10 166,01

-	Contractor	County	Electric Utility	Project Description	Total Funde Amour
Region	Real Goods Energy Tech, Inc	ALBANY	National Grid	New York Sun Program, NY Sun	13,568.0
		COLUMBIA	National Grid	New York Sun Program, NY-Sun	5,292.0
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	6,048.0
	Redburn Development Companies, LLC	ALBANY	National Grid	Home Performance with Energy Star, RES-New Const & Adv Tech	273,000.0
	Regeneron Pharmaceuticals Inc.	RENSSELAER	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	35,433.8
	Regional Economic Models, Inc	ALBANY	National Grid	Energy Analysis, REMI Fee and License 8/15-7/16	6,000.0
	Rensselaer Polytechnic Institute	RENSSELAER	National Grid	Innovation Capacity & Business Development, Ultraviolet and Ele	170,435.0
	Research Foundation of SUNY	ALBANY	National Grid	Innovation, Roof Integrated Light Weight P	407,741.0
				Workforce Development, Roof Integrated Light Weight P	407,741.0
	Rite Aid Corp	ALBANY	Central Hudson Gas and Electric	Existing Facilities Program, EFP1841 - Rite Aid of NY	2,722.1
			National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	13,122.7
		RENSSELAER	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	6,450.4
		SARATOGA	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	10,710.9
			NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY	5,440.7
		SCHENECTADY	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	2,936.3
		WARREN	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	2,879.3
		WASHINGTON	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	2,575.5
	Robert S. Hostetter Jr.	GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	6,237.0
	Rosenblum Rubin Property Services, LLC	SARATOGA	National Grid	Saratoga Technology + Energy Park, STEP Property Manageme	102,517.0
			NYS Electric and Gas	Saratoga Technology + Energy Park, STEP Property Manageme	142,699.9
	Samaritan Hospital of Troy Inc	RENSSELAER	National Grid	New Construction Program, NCP12336 - Samaritan Hospital	29,409.0
	.,			New Construction Program, NCP12717 - St. Mary's Oncology	5,640.0
	Same Sun of Vermont, Inc	WASHINGTON	National Grid	New York Sun Program, NY-Sun	5,292.0
	Seed Renewables Inc.	COLUMBIA	National Grid	New York Sun Program, NY-Sun	5,544.0
	ded Renewables IIIc.	RENSSELAER	National Grid	New York Sun Program, NY-Sun	24,829.0
		KENOOLEKEK	NYS Electric and Gas	New York Sun Program, NY-Sun	7,980.0
	Cierra Infegue Inc	ALDANY		0 1	200,000.0
	Sierra Infosys Inc.	ALBANY	National Grid	Administration OH, Peoplesoft Support Services	
	Siteimprove, Inc.	ALBANY	National Grid	Administration OH, Siteimprove - Renewal	5,972.0
	Snow Belt Housing Company, Inc.	WASHINGTON	National Grid	Multifamily Performance Program, Multifamily	10,800.0
	Solar Project Solutions Inc	ALBANY	National Grid	New York Sun Program, NY-Sun	7,488.0
		SARATOGA	National Grid	New York Sun Program, NY-Sun	7,228.0
		WASHINGTON	National Grid	New York Sun Program, NY Sun	69,520.0
				New York Sun Program, NY-Sun	69,520.0
	SolarCity Corporation	ALBANY	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	29,803.0
			National Grid	New York Sun Program, NY-Sun	269,432.0
		COLUMBIA	National Grid	New York Sun Program, NY-Sun	71,429.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	18,329.0
		GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	17,350.0
		RENSSELAER	National Grid	New York Sun Program, NY-Sun	141,837.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	5,278.0
		SARATOGA	National Grid	New York Sun Program, NY-Sun	136,899.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	12,012.0
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	129,415.0
		WARREN	National Grid	New York Sun Program, NY-Sun	30,497.0
		WASHINGTON	National Grid	New York Sun Program, NY-Sun	37,503.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	22,474.0
	Solarize Albany Inc.	ALBANY	National Grid	New York Sun Program, Solarize Spring 2015	5,000.0
	Specialty Silicone Products Inc	SARATOGA	National Grid	New Construction Program, NCP12726 - Clean Room Building	6,450.0
	Stantec Consulting Services, Inc.	ALBANY	Municipal Utilities	Industrial Process Efficiency Program, Technical Review and Pro	3,748.0
		GREENE	Central Hudson Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	5,229.0
		SARATOGA	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	14,309.0
	Steven Bluestone	COLUMBIA	NYS Electric and Gas	Home Performance with Energy Star, Low-rise Residential	9,000.0
	Sun Source Technologies	SCHENECTADY	National Grid	New York Sun Program, NY-Sun	21,000.0
	Sundog Solar, Inc.	COLUMBIA	National Grid	New York Sun Program, NY-Sun	5,488.0
5	Sandog Solar, mo.	00201113111	riddona. Ond	Renewable Thermal, NY-Sun	6,431.0
			NYS Electric and Gas		8,042.0
			o Electric and Ods	Renewable Thermal, NY-Sun	14,560.0
	Sungavity Davolonment LLC	OBEENE	Control Hudoon Con and Electric	Workforce Development, PON2033-3	
	Sungevity Development, LLC	GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	5,400.0
	Currently les	RENSSELAER	National Grid	New York Sun Program, NY-Sun	14,700.0
	Sungevity, Inc.	ALBANY	National Grid	New York Sun Program, NY-Sun	11,900.0
		GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	11,925.0
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	12,852.0
	SunPower Capital, LLC	ALBANY	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	8,633.0
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	15,016.0

REDC Region	Contractor	County	Electric Utility	Project Description	Total Funded Amount
Capital Region	SunRun, Inc	RENSSELAER	National Grid	New York Sun Program, NY-Sun	15,000.00
		SARATOGA	National Grid	New York Sun Program, NY-Sun	16,624.00
	Sunvestment Group LLC	ALBANY	National Grid	Innovation, Sunvestment Community PPA II	70,000.00
				Workforce Development, Sunvestment Community PPA II	70,000.00
	Systems Management Planning, Inc.	ALBANY	National Grid	Administration OH, SMARTnet - Maintenance Agreeme	72,498.64
				Administration OH, VMWare Software - Renewal	25,691.18
	Taconic Hills CSD	COLUMBIA	NYS Electric and Gas	New Construction Program, NCP12978 - Taconic Hills K12 S	7,262.00
	Tech Valley Talent, LLC	ALBANY	National Grid	Administration OH, Buiness Intelligence Dev.	200,000.00
				Administration OH, Data Warehouse Analyst	200,000.00
				Administration OH, Metrics Database Buildings Por	200,000.00
				Administration OH, Project Manager for ITG-0058 D	200,000.00
				Administration OH, Salesforce	1,040.00
				Administration OH, SecureAuth Implementation Serv	5,600.00
				Administration OH, Server Admin-# 2	195,000.00
				Administration OH, Server Operations - Supplement	185,250.00
	Terremark Federal Group, LLC	ALBANY	National Grid	Administration OH, Enterprise eCloud Renewal	65,494.02
				Administration OH, GSA Cloud Services - Renewal	22,844.88
	The Community Builders, Inc.	RENSSELAER	National Grid	Multifamily Performance Program, Multifamily	67,000.00
	The Radiant Store	ALBANY	National Grid	Renewable Thermal, NY-Sun	55,574.00
		COLUMBIA	National Grid	RHNY incentive- Shin-Lovett	10,000.00
		RENSSELAER	National Grid	Renewable Thermal, NY-Sun	46,793.00
				RHNY PON 3010 incentives	8,000.00
				Workforce Development, Workforce Dev & Train	25,080.00
		SARATOGA	National Grid	Renewable Thermal, NY-Sun	17,024.00
		SCHENECTADY		RHNY cordwood incentive	7,500.00
			National Grid National Grid	Renewable Thermal, NY-Sun	5,834.00
		WARREN		Renewable Thermal, NY-Sun	75,761.00
	Time Warner Cable	WASHINGTON	National Grid National Grid		233,566.00
				Administration OH, NYC WAN and Internet Circuits	194,878.00
	TOS Solar 3, LLC	COLUMBIA	National Grid	NY Sun- Competitive PV, PV System @ Target - Clermont	42,217.50
	Triad Technology Partners LLC	ALBANY	National Grid	Administration OH, TRIAD Licenses and maintenance	14,645.00
	Trinity Heating & Air, Inc.	ALBANY	National Grid	New York Sun Program, NY-Sun	
		GREENE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	5,292.00
		RENSSELAER	National Grid	New York Sun Program, NY-Sun	7,644.00
		SCHENECTADY	National Grid	New York Sun Program, NY-Sun	6,048.00
	TW Telecom	ALBANY	National Grid	Administration OH, Information Technology	51,147.20
	Unique Comp Inc.	ALBANY	National Grid	Administration OH, Server Contractor	167,700.00
	University at Albany	ALBANY	National Grid	New Construction Program, NCP12868 - UAlbany Onondaga Re	20,963.00
	Vidaris, Inc.	ALBANY	National Grid	New Construction Program, Technical Assistant Services	14,211.00
				Technical Assistant Services	9,211.00
	Viking Solar, Inc.	ALBANY	National Grid	Renewable Thermal, NY-Sun	5,088.00
	Washington Gas Energy Systems Inc.	ALBANY	National Grid	NY Sun- Competitive PV, Competitive PV Program - Macy'	405,850.00
	Whispering Pines Associates LLC	WARREN	National Grid	Multifamily Performance Program, Multifamily	28,650.00
	Whole Foods Market Group, Inc.	ALBANY	National Grid	New Construction Program, NCP11499 - Whole Foods Upper E	83,622.00
	Wil-Roc Farms	COLUMBIA	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	250,000.00
	Woody Hill Farm Inc.	WASHINGTON	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	193,233.64
	Xerox Corp	ALBANY	National Grid	Administration OH, Facilities Management	6,714.48
				Administration OH, Xerox Maintenace	7,980.00
				Copier Purchase	15,674.00
	Total				36,020,730.66
Central New	3Gi CNYIP, Inc.	ONONDAGA	National Grid	Cleaner Greener Communities, CGC26840 - 3Gi CNYIP	1,000,000.00
York	614 South Crouse Avenue LLC	ONONDAGA	National Grid	New Construction Program, NCP12643 - 614 South Crouse Av	12,260.00
	706 North Clinton LLC	ONONDAGA	National Grid	New Construction Program, NCP11775 - 706 North Clinton R	13,159.00
	Albert V. Nurse	ONONDAGA	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	9,999.26
	Alternative Power Solutions of NY, LLC	CAYUGA	NYS Electric and Gas	New York Sun Program, NY-Sun	7,056.00
		CORTLAND	National Grid	New York Sun Program, NY-Sun	12,152.00
		MADISON	National Grid	New York Sun Program, NY-Sun	6,468.00
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	17,128.00
			NYS Electric and Gas	New York Sun Program, NY-Sun	12,120.00
		OSWEGO	National Grid	New York Sun Program, NY-Sun	30,416.00
	Antares Group Inc	MADISON	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	8,950.80
	Antares Group, Inc. Apex Solar Power LLC			• •	5,600.00
	Apek Sulai FuWel LLC	CAYUGA	NYS Electric and Gas	New York Sun Program, NY-Sun	
		CORTLAND	National Grid	New York Sun Program, NY-Sun	18,375.00
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	40,750.00
			NYS Electric and Gas	New York Sun Program, NY-Sun	17,500.00
		OSWEGO	National Grid	New York Sun Program, NY-Sun	8,050.00

	Contractor	County	Electric Utility	Project Description	Total Funde Amou
al New	Arcadis U.S., Inc.	ONONDAGA	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	11,905.0
	Astrum Solar, Inc.	CAYUGA	NYS Electric and Gas	New York Sun Program, NY-Sun	19,976.0
		MADISON	National Grid	New York Sun Program, NY-Sun	23,868.0
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	30,654.0
		OSWEGO	National Grid	New York Sun Program, NY-Sun	24,934.0
				New York Sun Program, PV Incentive Program	5,642.0
	Auburn City of	CAYUGA	NYS Electric and Gas	Existing Facilities Program, EFP2073 - City of Auburn	43,611.2
	Aurora Ridge Dairy LLC	CAYUGA	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	20,848.8
	Beck Farms LLC	CORTLAND	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	19,437.
	Bentham Foundation	ONONDAGA	National Grid	Multifamily Performance Program, Multifamily	40,000.
	C Speed, LLC	ONONDAGA	National Grid	Clean Transportation, NextGen 3D Antenna	495,000.
	Canal Road Enterprises LLC	ONONDAGA	National Grid	Multifamily Performance Program, Multifamily	61,750.
	Canastota Central School District	MADISON	National Grid	Clean Transportation, Clean Air School Bus Program,	6,786.
	Cayuga Milk Ingredients	CAYUGA	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	331,531.
	CDH Energy Corporation	CAYUGA	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	14,250.
		ONONDAGA	NYS Electric and Gas	Existing Facilities Program, Technical Review and Program S	13,480.
	Control Now York Degianal Blanning and D	ONONDAGA	National Grid		100,000.
	Central New York Regional Planning and D			Smart Grid Systems, City of Syracuse NY Prize	
	CHA Consulting Inc.	ONONDAGA	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	19,500.
			NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	4,500.
	Chittenango CSD	MADISON	National Grid	New Construction Program, NCP11955 - Chittenango Schools	11,981.
	City of Oswego	OSWEGO	National Grid	Smart Grid Systems, City of Oswego, NY Prize	99,800.
	Clough, Harbour & Associates, LLP	CAYUGA	NYS Electric and Gas	Flexible Technical Assistance Program, FlexTech Consultant Sel	8,500.
		ONONDAGA	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	12,500.
	CNY Solar, Inc.	MADISON	Municipal Utilities	NY-Sun	25,000.
			National Grid	New York Sun Program, NY Sun	156,932.
				New York Sun Program, NY-Sun	81,829.
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	31,056.
			NYS Electric and Gas	New York Sun Program, NY-Sun	379,042.
		OSWEGO	National Grid	New York Sun Program, NY Sun	134,133.
				New York Sun Program, NY-Sun	407,584.
	Cogen Power Technologies LLC	CAYUGA	NYS Electric and Gas	Smart Grid Systems, City of Auburn NY Prize	99,500.
		MADISON	NYS Electric and Gas		5,586.
	Collegiate Builders			New York Sun Program, NY-Sun	
	Daniel J. Tagliamonte	ONONDAGA	National Grid	Home Performance with Energy Star, Codes & New Construction	1,000.
				New York ENERGY STAR Homes, Codes & New Construction	9,000.
	Dick's Sporting Goods c/o Coleman Hines	ONONDAGA	National Grid	New Construction Program, NCP13194 - Dick's Sporting Goo	23,528.
	East Coast Properties	ONONDAGA	National Grid	Multifamily Performance Program, Multifamily	80,600.
	East River Dairy	CORTLAND	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	3,403.
	Ecovis, Inc.	CORTLAND	National Grid	New York Sun Program, NY-Sun	12,276.
		MADISON	National Grid	New York Sun Program, NY-Sun	13,764.
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	17,910.
	EDR Syracuse Campus West, LLC	ONONDAGA	National Grid	Multifamily Performance Program, Multifamily	251,647.
	Empire Housing and Development Corporati	ONONDAGA	National Grid	Multifamily Performance Program, Multifamily	11,100.
	Extraterrestrial Materials Inc.	CAYUGA	NYS Electric and Gas	New York Sun Program, NY-Sun	15,092.
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	8,568.
	Fort Schuyler Management Corporation	ONONDAGA	National Grid	New Construction Program, NCP12677 - Syracuse Film HUB	7,205.
	Fourth Coast, Inc.	OSWEGO	National Grid	New York Sun Program, NY-Sun	8,778.
	Freedom Solar Inc.	CAYUGA	Rochester Gas and Electric	New York Sun Program, NY-Sun	7,182.
	Geo of Camden, LLC			New York Sun Program, NY-Sun	6,188.
	Geo of Camiden, LLC	MADISON	National Grid	5 .	
		OSWEGO	National Grid	New York Sun Program, NY-Sun	6,201
	Goodfellow Construction Management, Ltd.	ONONDAGA	National Grid	Home Performance with Energy Star, RES-New Const & Adv Tech	9,000.
	Goodwill of the Finger Lakes, Inc.	ONONDAGA	National Grid	New Construction Program, NCP12695 - Goodwill Cicero	6,380.
	Great Brook Solar NRG, LLC	MADISON	National Grid	New York Sun Program, NY-Sun	8,235
	Halcyon, Inc.	CAYUGA	National Grid	New York Sun Program, NY-Sun	9,856
		CORTLAND	National Grid	New York Sun Program, NY-Sun	16,160
			NYS Electric and Gas	New York Sun Program, NY-Sun	6,156
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	5,187
	High Peaks Solar	ONONDAGA	National Grid	New York Sun Program, NY-Sun	169,224
	Holmes Acre, LLC	MADISON	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	21,771
	Intelligent Green Solutions	CORTLAND	National Grid	PV Incentive Program	96,008
	-			Renewable Thermal, NY-Sun	76,425
					551,450.
			NYS Electric and Cas		JU 1, TUU.
		MADISON	NYS Electric and Gas	Renewable Thermal, NY-Sun	69 477
		MADISON	NYS Electric and Gas	Renewable Thermal, NY-Sun	
	James Street Apartments, LLC	MADISON ONONDAGA ONONDAGA			68,477.0 27,021.0 1,680.0

C Region	n Contractor	County	Electric Utility	Project Description	Total Funded Amoun
tral New	Kilowatt Financial, LLC	OSWEGO	National Grid	New York Sun Program, NY-Sun	17,697.00
<	L&S Energy Services, Inc.	ONONDAGA	Municipal Utilities	Emerging Technology / Accelerated Commercializatio, Technical	22,051.6
	LaBella Associates, P.C.	CORTLAND	National Grid	Existing Facilities Program, Technical Review and Program S	20,705.0
	Loretto Independent Living Services, Inc	ONONDAGA	National Grid	New Construction Program, NCP12926 - PACE CNY 115 Creek	22,492.0
	Lori Morrison	OSWEGO	National Grid	Home Performance with Energy Star, Codes & New Construction	9,000.0
	M & A Holding of CNY LLC	OSWEGO	National Grid	New Construction Program, NCP12879 - The Gardens Assiste	22,165.0
	M/E Engineering, P.C.	ONONDAGA	National Grid	Environmental Research, Air Dispersion Modeling	27,425.0
				Industrial Process Efficiency Program, Technical Review and Pro	14,050.0
				New Construction Program, Technical Assistance Services	36,690.0
	McDonalds Corp	ONONDAGA	National Grid	Existing Facilities Program, EFP2419 - McDonalds; multi	18,177.1
		OSWEGO	National Grid	Existing Facilities Program, EFP2419 - McDonalds; multi	9,502.3
	Mesa Bioenergy Supply, LLC	CAYUGA	NYS Electric and Gas	Renewable Heat NY, Biomass Drying Demo	223,600.0
	Monolith Solar Associates, LLC	CAYUGA	NYS Electric and Gas	New York Sun Program, NY-Sun	1,045,946.0
	Worlditti Goldi 7tooodides, EEG	CORTLAND	National Grid	-	240,230.0
	Marron Proglement II C			New York Sun Program, NY-Sun	
	Morgan Brookwood LLC	ONONDAGA	National Grid	Multifamily Performance Program, Multifamily	16,000.0
	New Hope View Farm	CORTLAND	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	158,013.2
	New Moon Farms	MADISON	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	21,656.9
	New York Power Authority	ONONDAGA	Municipal Utilities	Flexible Technical Assistance Program, FlexTech MOU NYSERD	32,379.0
			National Grid	FlexTech MOU NYSERDA-NYPA	66,039.5
	Nextera Energy Capital Holdings Inc	MADISON	National Grid	NY Sun- Competitive PV, PV System @ Conmed Corporation	2,384,730.0
		ONONDAGA	National Grid	NY Sun- Competitive PV, PV System @ Liverpool Central	1,080,402.0
	NRG Residential Solar Solutions, LLC	CAYUGA	NYS Electric and Gas	New York Sun Program, NY-Sun	26,710.0
			Rochester Gas and Electric	New York Sun Program, NY-Sun	39,141.0
		CORTLAND	National Grid	New York Sun Program, NY-Sun	18,761.0
		MADISON	National Grid	New York Sun Program, NY-Sun	16,181.0
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	48,246.0
		011011271071	NYS Electric and Gas	New York Sun Program, NY-Sun	42,038.0
		OCMECO			48,412.0
	Olomonii Elentria Onno ann	OSWEGO	National Grid	New York Sun Program, NY-Sun	
	O'Connell Electric Company	ONONDAGA	National Grid	New York Sun Program, NY-Sun	19,800.0
	Operation Brain Freeze Cicero LLC	ONONDAGA	National Grid	New Construction Program, NCP13066 - Dairy Queen Cicero	5,475.0
	Optimized Thermal Systems Inc.	ONONDAGA	National Grid	Advanced Buildings, Energy Storage for Cooling	76,420.9
	Paradise Energy Solutions, LLC	CAYUGA	NYS Electric and Gas	New York Sun Program, NY-Sun	6,468.0
			Rochester Gas and Electric	New York Sun Program, NY-Sun	13,020.0
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	41,230.0
		OSWEGO	National Grid	New York Sun Program, NY-Sun	6,272.0
	Pathfinder Engineers & Architects, LLP	ONONDAGA	National Grid	New Construction Program, Technical Assistance Services	10,440.5
				Technical Assistance Services	5,440.5
	Pyrus Energy, Inc.	ONONDAGA	National Grid	New York Sun Program, NY-Sun	5,985.0
	Reading Electric Renewable, LLC	OSWEGO	National Grid	New York Sun Program, NY-Sun	27,113.0
	Red Racer Auto Finishers, Inc.	ONONDAGA	National Grid	Innovation Capacity & Business Development, Ultraviolet and Ele	71,800.0
	Renovus Energy, Inc.	CAYUGA	National Grid	New York Sun Program, NY-Sun	5,616.0
	Renovas Energy, mo.	0/1100/1		• •	13,338.0
		CODTLAND	NYS Electric and Gas	New York Sun Program, NY-Sun	14,508.0
		CORTLAND	National Grid	New York Sun Program, NY-Sun	
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	8,736.0
	Rite Aid Corp	CAYUGA	NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY	3,493.8
		CORTLAND	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	6,160.9
McDor Mesa B Monoli Morgan New H New M New Y Nexter NRG F O'Conr Operat Optimi Paradia Pathfin Red Ra Renova Rite Ai Riversi Skyline Solaire SolarC Sonbyr Southe Special St. Jos Stante Steed		MADISON	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	2,506.4
		ONONDAGA	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	34,687.3
		OSWEGO	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	2,587.7
	Riverside Dairy, LLC	CORTLAND	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	27,459.1
	Skyline Solar Inc.	CAYUGA	NYS Electric and Gas	New York Sun Program, NY-Sun	17,136.0
		CORTLAND	National Grid	New York Sun Program, NY-Sun	11,628.0
		OSWEGO	National Grid	New York Sun Program, NY-Sun	71,390.0
	Snow Belt Housing Company, Inc.	OSWEGO	National Grid	Multifamily Performance Program, Multifamily	9,473.0
	Solaire Generation Inc.				91,556.0
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	
	SolarCity Corporation	ONONDAGA	National Grid	New York Sun Program, NY-Sun	44,675.0
	Sonbyrne Sales, Inc.	OSWEGO	National Grid	New Construction Program, NCP13145 - Byrne Dairy Phoenix	11,642.0
	Southern Cayuga Central School	ONONDAGA	National Grid	New Construction Program, NCP13193 - Southern Cayuga CSD	35,485.0
	Specialized Packaging Radisson, LLC	ONONDAGA	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	108,534.6
	St. Joseph's Hospital Health Center	ONONDAGA	National Grid	Flexible Technical Assistance Program, FlexTech Program-PON	24,000.0
	Stantec Consulting Services, Inc.	ONONDAGA	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	8,576.0
	Steed Energy LLC	MADISON	NYS Electric and Gas	New York Sun Program, NY-Sun	5,586.0
	Sungevity Development, LLC	CAYUGA	NYS Electric and Gas	New York Sun Program, NY-Sun	9,800.0
	<u> </u>		Rochester Gas and Electric	New York Sun Program, NY-Sun	6,650.0
		MADICON			
		MADISON	National Grid	New York Sun Program, NY-Sun	5,145.00

Central New	Sungevity Development, LLC	County	Electric Utility	Project Description	Amou
ork	Sungevity Development, LLC	ONONDAGA	National Grid	New York Sun Program, NY-Sun	14,049.
	Our manifest for	OSWEGO	National Grid	New York Sun Program, NY-Sun	19,600. 16,275.
	Sungevity, Inc.	ONONDAGA	National Grid	New York Sun Program, NY-Sun	6,070.
	SUNY Oswego SUNY Upstate Medical University	OSWEGO ONONDAGA	National Grid National Grid	New Construction Program, NCP12907 - Waterbury Residence	18,492.
	Syracuse University	ONONDAGA	National Grid	New Construction Program, NCP12003 - SUNY Upstate Cord B	100,000
	Syracuse Offiversity	ONONDAGA	National Grid	Advanced Buildings, Flame-Assisted Fuel Cell	100,000.
	TAG Machanical Systems, Inc.	CAVUCA	NIVO Floatric and Coo	Smart Grid Systems, City of Syracuse Near Westside	5,832.
	TAG Mechanical Systems, Inc.	CAYUGA	NYS Electric and Gas	New York Sun Program, NY-Sun	5,670.
		MADISON	National Grid	New York Sun Program, NY-Sun	55.836.
		ONONDAGA	National Grid	New York Sun Program, NY-Sun	,
	Tellus Facilitatella DO	OSWEGO	National Grid	New York Sun Program, NY-Sun	7,182. 10.006.
	Taitem Engineering, P.C. The Radiant Store	CAYUGA	NYS Electric and Gas	New York Sun Program, NY-Sun	64,199.
	The National Store	CAYUGA MADISON	NYS Electric and Gas National Grid	Renewable Thermal, NY-Sun Renewable Thermal, NY-Sun	57,210.
	Thomas E. Clatterbuck	MADISON	NYS Electric and Gas		4,485.
				Agriculture Energy Efficiency Program, Agriculture Energy Efficie	102,229.
	Thomas Roach United Wind Project I, LLC	CAYUGA	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	75,887.
	Officed Willia Froject I, LLC	CAYUGA	NYS Electric and Gas NYS Electric and Gas	Small Wind, Wind Turbine Incentive	40,365.
		ONONDAGA		Small Wind, Wind Turbine Incentive	
	Lipotete Alternative France.	OSWEGO	National Grid	Small Wind, Wind Turbine Incentive	38,141.
	Upstate Alternative Energy	CAYUGA	Rochester Gas and Electric	New York Sun Program, NY-Sun	8,379. 6,160.
	Venture Forms LLC	ONONDAGA	National Grid	New York Sun Program, NY-Sun	
	Venture Farms LLC	ONONDAGA	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	51,470. 9,500.
	Vincents Heating and Fuel Service, LLC Wendel Energy Services, LLC	OSWEGO	National Grid	Renewable Heat NY, RHNY incentive- Pasco	
	Wender Energy Services, LLC	MADISON	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	19,459. 150,632.
	William Francis Octobring	ONONDAGA	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel.	
	Willdan Energy Solutions	ONONDAGA	National Grid	Industrial Process Efficiency Program, Technical Review and Pro.	3,136.
	Willet Dairy, LLC	CAYUGA	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	40,322.
	Willows PFA LLC	ONONDAGA	National Grid	Multifamily Performance Program, Multifamily	123,500
innas I alsaa	Total			N. O. J. U. B. MODIOTE SIJ.	13,275,446.
inger Lakes	25 Methodist Hill Drive LLC	MONROE	Rochester Gas and Electric	New Construction Program, NCP12673 - Pictometry	30,000.
	44 Jetview Drive, LLC	MONROE	Rochester Gas and Electric	New Construction Program, NCP12930 - 44 Jetview Drive Wa	22,101.
	1275 John Street LLC	MONROE	Rochester Gas and Electric	New Construction Program, NCP13147 - 1275 John Street Bu	5,598.
	Alternative Power Solutions of NY, LLC	ORLEANS	National Grid	New York Sun Program, NY-Sun	6,384.
	American Solar Partners, LLC	LIVINGSTON	Rochester Gas and Electric	New York Sun Program, NY-Sun	9,576.
		ORLEANS	National Grid	New York Sun Program, NY-Sun	10,773.
	AN Martin Systems	WAYNE	NYS Electric and Gas	New Construction Program, NCP12997 - AN Martin Systems W	10,490.
	Antares Group, Inc.	MONROE	Rochester Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro.	16,834.
		ONTARIO	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro.	1,074.
		14/41/01/5	Rochester Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro.	7,252.
		WAYNE	Rochester Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	4,314.
	Apex Solar Power LLC	WAYNE	NYS Electric and Gas	New York Sun Program, NY-Sun	35,525.
	Armson Farms, Inc	GENESEE	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	42,573.
	Astrum Solar, Inc.	GENESEE	National Grid	New York Sun Program, NY-Sun	7,098.
		LIVINGSTON	NYS Electric and Gas	New York Sun Program, NY-Sun	10,010.
		MONROE	Rochester Gas and Electric	New York Sun Program, NY-Sun	9,063.
		ONTARIO	Rochester Gas and Electric	New York Sun Program, NY-Sun	29,666
		SENECA	NYS Electric and Gas	New York Sun Program, NY-Sun	3,819.
		WAYNE	NYS Electric and Gas	New York Sun Program, NY-Sun	5,278.
			Rochester Gas and Electric	New York Sun Program, NY-Sun	7,280.
		WYOMING	NYS Electric and Gas	New York Sun Program, NY-Sun	11,232.
	Batavia, City of	GENESEE	National Grid	Cleaner Greener Communities, CGC42749 - City of Batavia	75,000
	Bergmann Associates	MONROE	Rochester Gas and Electric	Flexible Technical Assistance Program, FlexTech Consultant Sel	124,233.
				Industrial Process Efficiency Program, Technical Review and Pro	4,000.
	Bluestone Creek Development LLC	ONTARIO	Rochester Gas and Electric	New Construction Program, NCP12069 - 7870 Lehigh Crossin	5,190
	Borrego Solar Systems, Inc.	ONTARIO	NYS Electric and Gas	NY Sun- Competitive PV, PV System @ Ithaca College	1,620,369
	Boxler Dairy Farms	WYOMING	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	91,130
				Anaerobic Digester Program, Boxler Dairy Farms Scrubber	168,250
	CHA Consulting Inc.	MONROE	Rochester Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	21,000
	Charles Settlement House, Inc.	MONROE	Rochester Gas and Electric	Home Performance with Energy Star, Codes & New Construction	11,350
				New York ENERGY STAR Homes, Codes & New Construction	102,150
	CIR ELECTRICAL CONSTRUCTION COR	WYOMING	NYS Electric and Gas	New York Sun Program, NY-Sun	7,182
	CLA WNY LLC	MONROE	Rochester Gas and Electric	New Construction Program, NCP12340 - Gateway Apartments	13,930
	Clough, Harbour & Associates, LLP	LIVINGSTON	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	14,350.
		SENECA	NYS Electric and Gas	Flexible Technical Assistance Program, FlexTech Consultant Sel	15,750.

	Contractor	County	Electric Utility	Project Description	Total Funded Amoun
Lakes	Collegiate Builders	LIVINGSTON	National Grid	New York Sun Program, NY-Sun	6,384.0
	Conifer Lechase Construction	MONROE	Rochester Gas and Electric	Home Performance with Energy Star, Codes & New Construction	12,000.0
				New York ENERGY STAR Homes, Codes & New Construction	108,000.0
	Creative Food Ingredients Inc.	WYOMING	NYS Electric and Gas	New Construction Program, NCP12819 - CFI Main Plant	24,037.0
	District Sun	LIVINGSTON	National Grid	New York Sun Program, NY-Sun	34,070.0
		SENECA	NYS Electric and Gas	New York Sun Program, NY-Sun	100,536.0
		YATES	NYS Electric and Gas	New York Sun Program, NY-Sun	53,848.0
	DNT Express Realty LLC	WAYNE	NYS Electric and Gas	New Construction Program, NCP12914 - DNT Express	8,692.0
	Dr. Chris Caldwell	MONROE	Rochester Gas and Electric	Home Performance with Energy Star, Codes & New Construction	9,000.0
	East House Corporation	MONROE	Rochester Gas and Electric	Home Performance with Energy Star, Codes & New Construction	15,100.0
				New York ENERGY STAR Homes, Codes & New Construction	135,900.0
	Ecovis, Inc.	MONROE	Rochester Gas and Electric	New York Sun Program, NY-Sun	15,734.0
	EMCOR Services Betlem	MONROE	Rochester Gas and Electric	Flexible Technical Assistance Program, FlexTech Consultant Sel	18,633.7
		WAYNE	Rochester Gas and Electric	Flexible Technical Assistance Program, FlexTech Consultant Sel	7,381.9
	Energy Saving Solutions, LLC	WYOMING	NYS Electric and Gas	Work Force Develpoment	8,000.0
	Erdman Anthony & Associates, Inc.	GENESEE	National Grid	Industrial Process Efficiency Program, Technical Review and Pro.	3,548.0
		MONROE	Rochester Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	16,290.0
				New Construction Program, Technical Assistance Services	24,633.0
				Technical Assistance Services	14,633.0
	EVD Asshits store & Essins stire DC	LIVINICOTON	Deck setes Coe and Floatsia		116,740.0
	EYP Architecture & Engineering, PC	LIVINGSTON	Rochester Gas and Electric Rochester Gas and Electric	Flexible Technical Assistance Program, FlexTech Consultant Sel.	
	Finger Lakes Community Development Corpo	ONTARIO	Rochester Gas and Electric	Home Performance with Energy Star, Codes & New Construction	66,550.00
	·			New York ENERGY STAR Homes, Codes & New Construction	54,450.0
	Fingerlakes Renewables	YATES	NYS Electric and Gas	New York Sun Program, NY-Sun	5,824.0
	Freedom Solar Inc.	LIVINGSTON	National Grid	New York Sun Program, NY-Sun	11,200.0
		ONTARIO	NYS Electric and Gas	New York Sun Program, NY-Sun	26,964.0
		ORLEANS	National Grid	New York Sun Program, NY-Sun	23,639.00
		WYOMING	National Grid	New York Sun Program, NY-Sun	11,284.00
	Fuller Road Management Corporation	ONTARIO	Rochester Gas and Electric	Industrial Process Efficiency Program, Industrial Process Efficiency	98,039.0
	Geotherm Inc.	LIVINGSTON	NYS Electric and Gas	New York Sun Program, NY-Sun	16,758.00
		MONROE	National Grid	New York Sun Program, NY-Sun	27,720.00
			Rochester Gas and Electric	New York Sun Program, NY-Sun	24,282.00
		ONTARIO	National Grid	New York Sun Program, NY-Sun	17,444.00
			Rochester Gas and Electric	New York Sun Program, NY-Sun	48,678.00
	GTM Enterprises LLC	WAYNE	NYS Electric and Gas	Renewable Thermal, NY-Sun	6,000.0
	Halcyon, Inc.	LIVINGSTON	National Grid	New York Sun Program, NY-Sun	8,978.00
		MONROE	National Grid	New York Sun Program, NY-Sun	19,376.00
		ONTARIO	National Grid	New York Sun Program, NY-Sun	9,156.00
			NYS Electric and Gas	New York Sun Program, NY-Sun	5,985.00
		YATES	NYS Electric and Gas	New York Sun Program, NY-Sun	12,706.00
	Hanna Properties LLC	MONROE	Rochester Gas and Electric	Multifamily Performance Program, Multifamily	44,000.00
	Harbec Inc	WAYNE	Rochester Gas and Electric	,	35,202.48
				Industrial Process Efficiency Program, Industrial Process Efficiency	
	High Falls Operating Co, LLC	MONROE	Rochester Gas and Electric	Industrial Process Efficiency Program, Industrial Process Efficiency	95,458.56
	Hillside Associates of Albany LLC	MONROE	Rochester Gas and Electric	Multifamily Performance Program, Multifamily	69,700.00
	Hunter Machine, Inc.	ONTARIO	Rochester Gas and Electric	New Construction Program, NCP13020 - Hunter Machine	5,174.00
	IBC Engineering PC	MONROE	Rochester Gas and Electric	Flexible Technical Assistance Program, FlexTech Consultant Sel	7,564.80
	IBM Corporation	MONROE	Rochester Gas and Electric	Industrial Process Efficiency Program, Industrial Process Efficiency	35,250.86
	Intelligent Green Solutions	LIVINGSTON	National Grid	Renewable Thermal, NY-Sun	63,306.0
		WYOMING	National Grid	Renewable Thermal, NY-Sun	77,859.0
	Intergrow Greenhouses	ORLEANS	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	250,000.0
	ITT Industries	SENECA	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	37,002.2
	Jetro Holdings LLC	MONROE	Rochester Gas and Electric	New Construction Program, NCP12164 - Restaurant Depot Ro	6,150.0
	John W.Danforth Co, Inc.	ONTARIO	Rochester Gas and Electric	New Construction Program, NCP13038 - Meadows Business Pa	15,424.0
	Kreher's Sunrise Farm, LLC	GENESEE	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	20,016.0
	L&D Acquisition LLC	ONTARIO	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	80,737.1
	L&S Energy Services, Inc.	MONROE	Rochester Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	17,568.6
		SENECA	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	5,761.0
	LaBella Associates, P.C.	MONROE	Rochester Gas and Electric	·	10,283.0
				Existing Facilities Program, Technical Review and Program S	214,183.2
	Lake Beverage Corporation	MONROE	Rochester Gas and Electric	Commercial/Industrial	
	Lake Breeze Fruit Farms Inc	WAYNE	Rochester Gas and Electric	New Construction Program, NCP12363 - Lake Breeze Phase 2	80,301.00
	Lakeview Mental Health Services, Inc.	WAYNE	NYS Electric and Gas	Home Performance with Energy Star, Codes & New Construction	15,100.00
				New York ENERGY STAR Homes, Codes & New Construction	135,900.00
	Lamb Farms Inc.	GENESEE	National Grid	Anaerobic Digester Program, Lamb Farms Inc. Scrubber	168,250.00
	Leon Button	YATES	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	28,006.8
					04 000 0
	Long Pond Garden Apartments LLC	MONROE	Rochester Gas and Electric	Multifamily Performance Program, Multifamily	21,000.00

Contractor	County	Electric Utility	Project Description	Total Funde Amou
M/E Engineering, P.C.	MONROE	Rochester Gas and Electric	New Construction Program, Technical Assistance Services	7,937.
			Technical Assistance Services	2,937.
	ONTARIO	NYS Electric and Gas	New Construction Program, Technical Assistance Services	13,050.
	SENECA	NYS Electric and Gas	New Construction Program, Technical Assistance Services	59,840.
McAlpin Industries Inc	MONROE	Rochester Gas and Electric	Industrial Process Efficiency Program, Industrial Process Efficiency	12,512.
Monolith Solar Associates, LLC	WAYNE	Rochester Gas and Electric	New York Sun Program, NY-Sun	661,692
Morgan Grecian Gardens Apts, LLC	MONROE	Rochester Gas and Electric	Multifamily Performance Program, Multifamily	120,150
Nalge Nunc International Corp.	MONROE	Rochester Gas and Electric	Industrial Process Efficiency Program, Industrial Process Efficiency	12,655.
Nathaniel General Contractors	MONROE	Rochester Gas and Electric	Home Performance with Energy Star, RES-New Const & Adv Tech	15,100.
			New York ENERGY STAR Homes, RES-New Const & Adv Tech	135,900.
New Energy Equity LLC	ONTARIO	Rochester Gas and Electric	Commercial/Industrial -	853,066.
	WYOMING	NYS Electric and Gas	Commercial/Industrial	548,944
Nexant, Incorporated	MONROE	Rochester Gas and Electric	Existing Facilities Program, Technical Review and Program S	5,535
Niagara Wind & Solar Inc.	ONTARIO	NYS Electric and Gas	Small Wind, Wind Turbine Incentive	48,500
	WYOMING	NYS Electric and Gas	Small Wind, Wind Turbine Incentive	42,200
Noresco LLC	MONROE	Rochester Gas and Electric	Flexible Technical Assistance Program, FlexTech Consultant Sel	10,186
NRG Residential Solar Solutions, LLC	GENESEE	National Grid	New York Sun Program, NY-Sun	7,140
	LIVINGSTON	National Grid	New York Sun Program, NY-Sun	5,154
		Rochester Gas and Electric	New York Sun Program, NY-Sun	16,830
	MONROE	National Grid	New York Sun Program, NY-Sun	7,956
		Rochester Gas and Electric	New York Sun Program, NY-Sun	76,281
	ONTARIO	Rochester Gas and Electric	New York Sun Program, NY-Sun	30,824
	ORLEANS	National Grid		30,149
	SENECA	NYS Electric and Gas	New York Sun Program, NY-Sun	11,880
			•	17,325
	WYOMING			6,765
				6,605
O'Connell Electric Company	GENESEE			15,000
				8,550
				38,759
	ONTARIO			18,411
				7,790
				7,056
				17,500
				19,250
Once Again Nut Butter	LIVINGSTON	Rochester Gas and Electric	, ,	43,823
				10,450
•			-	29,488
Ortho Clinical Diagnostics, Inc.		Rochester Gas and Electric	Industrial Process Efficiency Program, Industrial Process Efficiency	19,172
Paradise Energy Solutions, LLC	ONTARIO	Rochester Gas and Electric	New York Sun Program, NY-Sun	6,944
	YATES	NYS Electric and Gas	New York Sun Program, NY-Sun	8,184
PathStone Development Corporation	MONROE	Rochester Gas and Electric	Home Performance with Energy Star, Codes & New Construction	13,500
			New York ENERGY STAR Homes, Codes & New Construction	121,500
QwikSolar, LLC	LIVINGSTON	National Grid	New York Sun Program, NY-Sun	14,560
	MONROE	National Grid	New York Sun Program, NY-Sun	5,460
		Rochester Gas and Electric	New York Sun Program, NY-Sun	9,625
	ONTARIO	NYS Electric and Gas	New York Sun Program, NY-Sun	107,857
		Rochester Gas and Electric	New York Sun Program, NY-Sun	33,376
	SENECA	NYS Electric and Gas	New York Sun Program, NY-Sun	96,826
	WAYNE	NYS Electric and Gas	New York Sun Program, NY-Sun	18,400
	YATES	NYS Electric and Gas	New York Sun Program, NY Sun	77,084
				82,902
RED Rochester	MONROE	Rochester Gas and Electric		43,256
Renovus Energy, Inc.		NYS Electric and Gas		25,428
Rite Aid Corp	LIVINGSTON	Rochester Gas and Electric	Existing Facilities Program, EFP1841 - Rite Aid of NY	2,57
F	MONROE	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	2,093
		Rochester Gas and Electric	Existing Facilities Program, EFP1841 - Rite Aid of NY	17,757
			Existing Facilities Program, EFP1841 - Rite Aid of NY	3,20
	ONTARIO	Pochaetar Gas and Electric		5,20
	ONTARIO	Rochester Gas and Electric		0.04
	ORLEANS	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	
	ORLEANS WAYNE	National Grid Rochester Gas and Electric	Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY	4,462
	ORLEANS WAYNE WYOMING	National Grid Rochester Gas and Electric NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY	4,462 2,169
Robert A. Kanauer Jr.	ORLEANS WAYNE WYOMING WAYNE	National Grid Rochester Gas and Electric NYS Electric and Gas Rochester Gas and Electric	Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY New York Sun Program, NY-Sun	4,462 2,169 28,835
Robert A. Kanauer Jr. Roccon Inc	ORLEANS WAYNE WYOMING	National Grid Rochester Gas and Electric NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY	6,244 4,462 2,169 28,835 17,171 96,933
	McAlpin Industries Inc Monolith Solar Associates, LLC Morgan Grecian Gardens Apts, LLC Nalge Nunc International Corp. Nathaniel General Contractors New Energy Equity LLC Nexant, Incorporated Niagara Wind & Solar Inc. Noresco LLC NRG Residential Solar Solutions, LLC O'Connell Electric Company O'Ak Hill Terrace Apartments LLC Once Again Nut Butter Ontario County Ortho Clinical Diagnostics, Inc. Paradise Energy Solutions, LLC PathStone Development Corporation QwikSolar, LLC RED Rochester Renovus Energy, Inc.	M/E Engineering, P.C. Monolith Solar Associates, LLC Monore Monolith Solar Associates, LLC Monore Nathaniel General Contractors Monroe Nathaniel General Contractors Monroe New Energy Equity LLC Ontrakio Wyoming Noresco LLC Monroe Noresco LLC Monroe Noresco LLC Monroe Noresco LLC Residential Solar Solutions, LLC Genesee Livingston Monroe Ontrakio Yates PathStone Development Corporation Monroe Ontrakio Ontrakio Ontrakio Ontrakio Ontrakio Ontrakio Ontrakio Ontrakio Ontrakio Seneca Wayne Yates Ontrakio Seneca Wayne Yates Ontrakio Seneca Wayne Yates	MVE Engineering, P.C. MONROE Rochester Gas and Electric and Gas SENECA NYS Electric and Gas McApin Industries Inc MONROE Rochester Gas and Electric Morgan Grecian Gardens Apts, LLC MONROE Rochester Gas and Electric Natige Nunc International Corp. MONROE Rochester Gas and Electric National Electric National General Contractors MONROE Rochester Gas and Electric National General Contractors MONROE Rochester Gas and Electric New Energy Equity LLC ONTARIO Rochester Gas and Electric WYOMING NYS Electric and Gas Nexant, Incorporated MONROE Rochester Gas and Electric WYOMING NYS Electric and Gas Norseco LLC MONROE Rochester Gas and Electric NRG Residential Solar Solutions, LLC GENESE National Grid LIVINGSTON National Grid Rochester Gas and Electric NRG Residential Solar Solutions, LLC GENESEE National Grid Rochester Gas and Electric ONTARIO Rochester Gas and Electric ONTARIO Rochester Gas and Electric NRG Residential Solar Solutions, LLC GENESEE National Grid Rochester Gas and Electric ONTARIO Rochester Gas and Electric NATES NYS Electric and Gas Rochester Gas and Electric ONTARIO Roches	March

REDC Region		County	Electric Utility	Project Description	Total Funded Amount
Finger Lakes	ROCSPOT	MONROE	Rochester Gas and Electric	New York Sun Program, Solarize Spring 2015	5,000.00
	Sentry Group Inc.	MONROE	Rochester Gas and Electric	Industrial Process Efficiency Program, Industrial Process Efficiency	2,101.08
	Solar and Wind FX, Inc. (Chris Schaefer)	WAYNE	Rochester Gas and Electric	New York Sun Program, NY-Sun	9,072.00
	Solar Liberty Energy Systems, Inc	MONROE	National Grid	New York Sun Program, NY-Sun	36,590.00
		ORLEANS	National Grid	New York Sun Program, NY-Sun	20,818.00
		WAYNE	Rochester Gas and Electric	New York Sun Program, NY-Sun	9,760.00
	Solar Project Solutions Inc	GENESEE	National Grid	New York Sun Program, NY-Sun	20,592.00
	Stantec Consulting Services, Inc.	MONROE	Rochester Gas and Electric	New Construction Program, Technical Assistance Services	16,992.00
	State University of New York College	LIVINGSTON	National Grid	Smart Grid Systems, Village of Geneseo NY Prize	100,000.00
	Steed Energy LLC	ONTARIO	NYS Electric and Gas	New York Sun Program, NY-Sun	17,472.00
		WAYNE	Rochester Gas and Electric	New York Sun Program, NY-Sun	7,182.00
		YATES	NYS Electric and Gas	New York Sun Program, NY-Sun	9,072.00
	SunE Solar XVI Lessor, LLC	MONROE	Rochester Gas and Electric	NY Sun- Competitive PV, Competitive PV Program - RIT	1,989,665.00
	SunPower Capital, LLC	MONROE	Rochester Gas and Electric	New York Sun Program, NY-Sun	13,963.00
	Sustainable Energy Developments Inc.	LIVINGSTON	National Grid	New York Sun Program, NY-Sun	5,616.00
		ORLEANS	National Grid	New York Sun Program, NY-Sun	5,457.00
		WAYNE	Rochester Gas and Electric	New York Sun Program, NY-Sun	81,302.00
	Swiss Valley Farms, Inc.	WYOMING	NYS Electric and Gas	Anaerobic Digester Program, Swiss Valley Farms Scrubber	138,833.00
	Taitem Engineering, P.C.	MONROE	Rochester Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	15,339.40
	The Radiant Store	WYOMING	National Grid	Renewable Thermal, NY-Sun	100,500.00
				Renewable Thermal, RES-New Const & Adv Tech	25,000.00
	Tops Markets, Inc.	WAYNE	NYS Electric and Gas	New Construction Program, NCP12744 - Tops Walworth #428	26,346.00
	Town of Williamson	WAYNE	Rochester Gas and Electric	New York Sun Program, Solarize Spring 2015	5,000.00
	Tree Crisp Orchards LLC	WAYNE	Rochester Gas and Electric	New Construction Program, NCP13039 - Tree Crisp Orchards	23,680.00
	True Energy Solutions	MONROE	National Grid	Home Performance with Energy Star, Viking Sweden Apartments	82,418.00
			Rochester Gas and Electric	Home Performance with Energy Star, Meadow Brook North Apart	99,650.00
	United Wind Project I, LLC	LIVINGSTON	National Grid	Small Wind, Wind Turbine Incentive	38,514.00
		ORLEANS	National Grid	Small Wind, Wind Turbine Incentive	37,166.00
		WAYNE	NYS Electric and Gas	Small Wind, Wind Turbine Incentive	77,205.00
			Rochester Gas and Electric	Small Wind, Wind Turbine Incentive	39,449.00
		WYOMING	National Grid	Small Wind, Wind Turbine Incentive	40,099.00
	United Wind, Inc.	WYOMING	National Grid	Small Wind, Wind Turbine Incentive	125,731.00
			NYS Electric and Gas	Small Wind, Wind Turbine Incentive	36,107.00
	University of Rochester	MONROE	National Grid	New Construction Program, NCP12528 - UofR Strong West On	5,850.00
			Rochester Gas and Electric	Environmental Research, Energy Related Air Quality	349,944.00
				Existing Facilities Program, EFP2387-University of Rocheste	35,556.60
				New Construction Program, NCP12144 - UofR Outpatient Ima	41,610.00
				New Construction Program, NCP12410 - Institute for Data	16,933.00
				New Construction Program, NCP12656 - UR College Town Bld	15,345.00
	Van Ernst Refrigeration Sauders Store In	SENECA	NYS Electric and Gas	New Construction Program, NCP12453 - Sauders Store Inc	26,395.00
	Village of Arcade	WYOMING	Municipal Utilities	Smart Grid Systems, Village of Arcade NY Prize	96,934.00
	Viola Homes Inc.	GENESEE	National Grid	New York Sun Program, NY-Sun	12,600.00
		LIVINGSTON	National Grid	New York Sun Program, NY-Sun	26,390.00
		MONROE	National Grid	New York Sun Program, NY-Sun	44,883.00
			Rochester Gas and Electric	Home Performance with Energy Star, RES-New Const & Adv Tech	900.00
			ricondition due and Electric	New York ENERGY STAR Homes, RES-New Const & Adv Tech	8,100.00
				New York Sun Program, NY-Sun	65.275.00
		ONTARIO	National Grid		6,762.00
		ONTARIO WAYNE	National Grid NYS Electric and Gas	New York Sun Program, NY-Sun	9,614.00
	Washington Goo Energy Statement			New York Sun Program, NY-Sun NY Sun Competitive BV Competitive BV Brogram, Macy'	266,244.00
	Washington Gas Energy Systems Inc.	ONTARIO	Rochester Gas and Electric	NY Sun- Competitive PV, Competitive PV Program - Macy'	
	West Ridge Rd 2300 LLC	MONROE	Rochester Gas and Electric	New Construction Program, NCP12960 - 2300 West Ridge Roa	6,610.00
	Xerox Corp	MONROE	Rochester Gas and Electric	Industrial Process Efficiency Program, Industrial & Agriculture	19,511.00
				Industrial Process Efficiency Program, Industrial Process Efficiency	305,740.08
				Innovation Capacity & Business Development, Roll2Roll Mfg of T	63,933.00
	Total				14,428,571.87
Long Island	3 Brothers Petroleum Inc.	SUFFOLK	PSEG Long Island	Fuel NY, GSP00683 - 3 Brothers Petroleu	10,000.00
	341 West Jericho Turnpike Corp.	SUFFOLK	PSEG Long Island	Fuel NY, GSP00691 - 341 West Jericho Tu	10,000.00
	770 Electric Corp.	SUFFOLK	PSEG Long Island	Renewable Thermal, NY-Sun	6,000.00
	2000 North Corp.	SUFFOLK	PSEG Long Island	Fuel NY, GSP00564 - 2000 North Corp.	3,000.00
	Adelphi University	NASSAU	PSEG Long Island	Combined Heat and Power, CHPPerformance Program-PON2701	2,400,000.00
	AECOM	NASSAU	PSEG Long Island	Smart Grid Systems, Town of Hempstead NY Prize	100,000.00
	American Solar Partners, LLC	SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	5,040.00
	Astrum Solar, Inc.	SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	26,242.00
	7 totrarii Golar, irro.				
	Atlantis Management Group II LLC	SUFFOLK	PSEG Long Island	Fuel NY, GSP00786 - Atlantis Management	10,000.00

	Contractor	County	Electric Utility	Project Description	Total Funded Amoun
g Island	Bill's Friendly Auto Service	NASSAU	PSEG Long Island	Fuel NY, GSP00686 - Bill's Friendly Aut	10,000.00
	Brookhaven National Lab	SUFFOLK	PSEG Long Island	Advanced Buildings, Advanced Buildings Technology	180,000.00
				Renewable Heat NY, Energy and Environmental Perfo	593,000.00
	C&S Oil Corporation	NASSAU	PSEG Long Island	Fuel NY, GSP00676 - C&S Oil Corporation	10,000.00
	County of Suffolk	SUFFOLK	PSEG Long Island	Cleaner Greener Communities, CGC28998 - Suffolk County	1,500,000.00
	D&B Engineers and Architects, PC	SUFFOLK	PSEG Long Island	Smart Grid Systems, Village of Port Jefferson	100,000.0
	East End Marketing Corp.	SUFFOLK	PSEG Long Island	Clean Transportation, PON2290: Patchogue Valero E85	35,000.00
	Eastern Energy Systems Inc.	SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	26,877.00
	Empower CES, LLC	NASSAU	PSEG Long Island	New York Sun Program, NY-Sun	62,784.00
		SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	105,141.00
	Energy & Resource Solutions, Inc.	SUFFOLK	PSEG Long Island	Existing Facilities Program, Technical Review and Program S	11,620.00
				Smart Grid Systems, Town of Brookhaven NY Prize	99,952.00
	Energy by Choice, LTD	SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	81,429.00
	Erba, Inc.	SUFFOLK	PSEG Long Island	Fuel NY, GSP00768 - Erba Inc.	13,000.00
	Fortuna Brothers Petroleum Inc.	NASSAU	PSEG Long Island	Fuel NY, GSP00770 - Fortuna Brothers Pe	10,000.00
	Global Common, LLC	SUFFOLK	Municipal Utilities	Smart Grid Systems, Village of Greenport NY Prize	100,000.00
	GreenLogic, LLC	NASSAU	PSEG Long Island	New York Sun Program, NY-Sun	34,335.00
		SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	128,793.00
	Grid City Electric Corp	SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	5,301.00
	H & V Gas Inc	SUFFOLK	PSEG Long Island	Fuel NY, GSP-00805 H&V Gas Inc (Mega Ga	10,000.00
	Harvest Power, LLC	SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	5,003.00
	Haver Inc.	SUFFOLK	PSEG Long Island	Fuel NY, GSP00779 - Haver Inc.	13,000.00
	Innovated Energy Solutions	NASSAU	PSEG Long Island	New York Sun Program, NY-Sun	5,088.00
	Jeffrey L Kinzler	NASSAU	PSEG Long Island	Clean Transportation, Urban Intermodal Freight Sys	125,000.00
	KLD Engineering, P.C.	SUFFOLK	PSEG Long Island	Clean Transportation, Transportation Resiliency	149,495.00
	L.I. Gas Station Management Inc.	SUFFOLK	PSEG Long Island	Fuel NY, GSP00393 - LI Gas Station Mana	10,000.00
	Lecesse Construction Services	SUFFOLK	PSEG Long Island	New York ENERGY STAR Homes, RES-New Const & Adv Tech	69,000.00
	Long Island Power Authority	NASSAU	PSEG Long Island	New York Sun Program, Statewide Solar Energy	24,600,000.00
	Masters Petroleum Inc.	SUFFOLK	PSEG Long Island	Fuel NY, GSP00789 - Masters Petroleum I	10,000.00
	Molloy College	NASSAU	PSEG Long Island	Cleaner Greener Communities, CGC42044 - Molloy College	2,395,248.00
	Nassau County, Dept. of Public Works	NASSAU	PSEG Long Island	Smart Grid Systems, Village of East Rockaway	100,000.00
	NationalGrid Energy Management, LLC	NASSAU	PSEG Long Island	New York Sun Program, NY-Sun	43,570.00
		SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	174,000.00
	Natural Capitalism Solutions, Inc.	SUFFOLK	PSEG Long Island	Smart Grid Systems, NY Prize Town of East Hampton	100,000.00
	New York Power Authority	SUFFOLK	PSEG Long Island	Flexible Technical Assistance Program, FlexTech MOU NYSERD	256,323.50
	NRG Energy, Inc.	NASSAU	PSEG Long Island	Smart Grid Systems, City of Long Beach, NY Prize	100,000.00
	Petrogas Group	NASSAU	PSEG Long Island	Fuel NY, GSP00784 - Petrogas Group	10,000.00
	Premier Solar Solutions LLC	SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	5,628.00
	R & B Qualtiy Electric, Inc.	SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	12,150.00
	Research Foundation of SUNY	SUFFOLK	PSEG Long Island	Innovation Capacity & Business Development, Ultraviolet and Ele	99,988.00
	Solar Liberty Energy Systems, Inc	NASSAU	PSEG Long Island	New York Sun Program, NY-Sun	87,000.00
		SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	432,237.00
	SolarCity Corporation	NASSAU	PSEG Long Island	New York Sun Program, NY-Sun	14,498.00
				New York Sun Program, PV Incentive Program	7,300.00
	Sun Energy Inc.	NASSAU	PSEG Long Island	New York Sun Program, NY-Sun	1,617.00
	SuNation Solar Systems, Inc.	NASSAU	PSEG Long Island	New York Sun Program, NY-Sun	37,877.00
		SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	137,271.00
	SunPower Capital, LLC	NASSAU	PSEG Long Island	New York Sun Program, NY-Sun	17,855.00
	Sunrise 888 Inc.	NASSAU	PSEG Long Island	Fuel NY, GSP00787 - Sunrise 888 Inc.	13,000.00
	SUNRISE ELECTRICAL SERVICES	SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	148,000.00
	TF Cubed Inc.	NASSAU	PSEG Long Island	Fuel NY, GSP00615 - TF Cubed Inc.	10,000.00
	The Macchia Group Inc.	NASSAU	PSEG Long Island	Fuel NY, GSP00797 - The Macchia Group I	10,000.00
				Fuel NY, GSP00801 - The Macchia Group I	10,000.00
				Fuel NY, GSP00803 - The Macchia Group I	10,000.00
				Fuel NY, GSP00804 - The Macchia Group I	10,000.00
	Town of Brookhaven	SUFFOLK	PSEG Long Island	New York Sun Program, Solarize Spring 2015	5,000.00
	Town of East Hampton	SUFFOLK	PSEG Long Island	Smart Grid Systems, Town of E. Hampton NY Prize	100,000.00
	Town of Huntington	SUFFOLK	PSEG Long Island	Smart Grid Systems, Town of Huntington NY Prize	100,000.00
	Town of North Hempstead	NASSAU	PSEG Long Island	Cleaner Greener Communities, CGC29510 - North Hempstead	1,000,000.00
				Smart Grid Systems, Town of North Hempstead	100,000.00
	Town of Southampton	SUFFOLK	PSEG Long Island	New York Sun Program, Solarize Spring 2015	5,000.00
			-	Smart Grid Systems, Town of Southampton NY Prize	99,900.00
	Triglia Technologies, Inc.	SUFFOLK	PSEG Long Island	Renewable Heat NY, Energy and Environmental Perfo	250,000.00
	Triple T Electric Inc	SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	5,616.00

DC Region	n Contractor	County	Electric Utility	Project Description	Total Fu An
ng Island	Village of Rockville Centre	NASSAU	Municipal Utilities	Smart Grid Systems, Village of Rockville Centre	100,0
	White Brothers Enterprise Inc.	SUFFOLK	PSEG Long Island	Fuel NY, GSP00726 - White Brothers Ente	13,0
	You Save Green Incorporated	NASSAU	PSEG Long Island	New York Sun Program, NY-Sun	5,7
	Zero Energy Homes, LLC	SUFFOLK	PSEG Long Island	New York Sun Program, NY-Sun	5,7
	Total				37,056,4
l-Hudson	42 West Broad Developers LLC	WESTCHESTER	Consolidated Edison	Multifamily Performance Program, Multifamily	174,3
	Active Solar Development, LLC	ORANGE	Orange and Rockland Utilities	PV Incentive Program	31,4
	Aegis Energy Services Inc.	WESTCHESTER	Consolidated Edison	Combined Heat and Power, CHPA - Dorado Apartments	135,0
	Alan J Paul	SULLIVAN	NYS Electric and Gas	Renewable Thermal, NY-Sun	9,9
	All-State Air Control Sales & Service	WESTCHESTER	Consolidated Edison	Workforce Development, PON 2033-3	9,6
	Alliance Cooperative Energy LLC	ORANGE	Orange and Rockland Utilities	New York Sun Program, NY-Sun	5,
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	7,
	Alta East	ROCKLAND	Orange and Rockland Utilities	Fuel NY, GSP00788 - Alta East, Inc.	10,0
	American Solar Partners, LLC	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	26,2
		ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	16,
		0.0.0.00	Orange and Rockland Utilities	New York Sun Program, NY-Sun	5,
		PUTNAM	NYS Electric and Gas	*	6,
				New York Sun Program, NY-Sun	
		ROCKLAND	Orange and Rockland Utilities	New York Sun Program, NY-Sun	5,
		SULLIVAN	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	9,
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	6,
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	25,
	Antares Group, Inc.	ULSTER	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	8,
	Apex Solar Power LLC	ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	5,
	Astrum Solar, Inc.	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	29,
		ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	17,
			Orange and Rockland Utilities	New York Sun Program, NY-Sun	61,
		PUTNAM	NYS Electric and Gas	New York Sun Program, NY-Sun	5,
		SULLIVAN	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	6,
			NYS Electric and Gas	New York Sun Program, NY-Sun	5,
			Orange and Rockland Utilities	New York Sun Program, NY-Sun	
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	11,
	Atelier Ten	ORANGE	Orange and Rockland Utilities	New Construction Program, Technical Assistance Services	12,
				Technical Assistance Services	7,
	Atlantis Management Group II LLC	WESTCHESTER	Consolidated Edison	Fuel NY, GSP00795 - Atlantis Management	10,
	AvalonBay Communities, Inc.	WESTCHESTER	Consolidated Edison		17,
	, walonday communities, mo.	WEGTGHEGTER	Consolidated Edison	Home Performance with Energy Star, RES-New Const & Adv Tech New York ENERGY STAR Homes, RES-New Const & Adv Tech	157,
	Darlin II Over Associates Inc	DUTCHECC	Control Hildery Con and Floatric		
	Banks II Quan Associates, Inc.	DUTCHESS	Central Hudson Gas and Electric	Existing Facilities Program, Technical Review and Program S	15,
	Best Energy Power	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	126,
	Bettergy Corporation	WESTCHESTER	Consolidated Edison	Clean Transportation, Prototype Development	249,
	Blueland LLC	PUTNAM	NYS Electric and Gas	New York Sun Program, NY-Sun	101,
	BOCES of Rockland	ROCKLAND	Orange and Rockland Utilities	New Construction Program, NCP12950 - Jesse Kaplan Buildi	7,
	Booz Allen Hamilton, Inc.	ORANGE	Orange and Rockland Utilities	Smart Grid Systems, Village of Florida NY Prize	99,
		ROCKLAND	Orange and Rockland Utilities	Smart Grid Systems, Town of Clarkstown NY Prize	99,
		SULLIVAN	NYS Electric and Gas	Smart Grid Systems, Village of Liberty NY Prize	99,
				Smart Grid Systems, Village of Monticello NY Prize	99,
		ULSTER	Central Hudson Gas and Electric	Smart Grid Systems, City of Kingston NY Prize	99,
		WESTCHESTER	Consolidated Edison	Smart Grid Systems, City of New Rochelle	99,
				Smart Grid Systems, Town of Cortlandt NY Prize	99,
				Smart Grid Systems, Town of Mamaroneck NY Prize	99,
				Smart Grid Systems, Town of Mt. Kisco NY Prize	99.
			NYS Electric and Gas	Smart Grid Systems, Town of Mit. Nisco NY Prize	99,
	PPC Groop Puilder, Inc.	WESTCHESTER		•	9,
	BPC Green Builder, Inc. Buena Vista Associates		Consolidated Edison Consolidated Edison	Home Performance with Energy Star, RES-New Const & Adv Tech	158,
		WESTCHESTER		Multifamily Performance Program, Multifamily	
	Burr Energy LLC	ORANGE	Orange and Rockland Utilities	Smart Grid Systems, Town of New Polta NV Prize	100,
		ULSTER	Central Hudson Gas and Electric	Smart Grid Systems, Town of New Paltz NY Prize	100,
	Buselli Plumbing & Heating	SULLIVAN	NYS Electric and Gas	New York Sun Program, NY-Sun	8,
	Capreit Woodcrest Villa L.P.	WESTCHESTER	Consolidated Edison	Multifamily Performance Program, Multifamily	135,
	Catskill Mountainkeeper, Inc	SULLIVAN	NYS Electric and Gas	Cleaner Greener Communities, CGC39425 - Renewable NY	1,857,
	Cedar Electrical Contractors, Inc.	PUTNAM	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	8,
	CHA Consulting Inc.	DUTCHESS	Central Hudson Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	27,
		WESTCHESTER	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	2,0
	Chambers Senior Housing LP	ULSTER	Central Hudson Gas and Electric	Multifamily Performance Program, Multifamily	72,
			Cantral I I I dana Can and Electric		272,
	City of Poughkeepsie	DUTCHESS	Central Hudson Gas and Electric	Existing Facilities Program, EFP2429-City of Poughkeepsie -	212,
	City of Poughkeepsie City of White Plains	DUTCHESS WESTCHESTER	Consolidated Edison	CGC30408-City of White Plains	1,000,0

	Contractor	County	Electric Utility	Project Description	Total Fund Amo
son	Communications Specialists, Inc.	DUTCHESS	NYS Electric and Gas	New York Sun Program, NY-Sun	5,628
	Connecticut Solar Power LLC	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	10,560
	Conscious Energy Inc.	ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	7,000
	Crestview Manor ALP	WESTCHESTER	Consolidated Edison	Multifamily Performance Program, Multifamily	36,100
	Crestwood Lake Heights Section 1 Corp.	WESTCHESTER	Consolidated Edison	Multifamily Performance Program, Multifamily	50,850
	CRH Realty VIII LLC	ORANGE	Central Hudson Gas and Electric	New Construction Program, NCP12305 - Crystal Run Medical	57,418
	Cross County Petroluem Inc.	WESTCHESTER	Consolidated Edison	Fuel NY, GSP00306 - Cross County Petro	3,000
	Croton Energy Group, Inc.	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	18,148
	Dorado Preservation Associates LLC	WESTCHESTER	Consolidated Edison	Multifamily Performance Program, Multifamily	47,250
	Dormitory Authority of the State of New	SULLIVAN	NYS Electric and Gas	New Construction Program, NCP11692 - Crawford Library	5,570
	DP42LLC	WESTCHESTER	NYS Electric and Gas	Multifamily Performance Program, Multifamily	17,100
	Eastchester Service Station Inc	WESTCHESTER	Consolidated Edison	Fuel NY, GSP00782 - Eastchester Service	13,000
	ECNY Electric Inc.	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	66,70
	EME Consulting Engineering Group, LLC	DUTCHESS	Central Hudson Gas and Electric	New Construction Program, Technical Assistance Services	28,30
				Technical Assistance Services	23,30
	Energy & Resource Solutions, Inc.	DUTCHESS	Central Hudson Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	13,88
		ORANGE	Orange and Rockland Utilities	Industrial Process Efficiency Program, Technical Review and Pro	36,82
		ROCKLAND	Orange and Rockland Utilities	Industrial Process Efficiency Program, Technical Review and Pro	16,79
		WESTCHESTER	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	21,07
				Industrial Process Efficiency Program, Technical Review and Pro	36,13
	Energy Conservation & Supply, Inc.	WESTCHESTER	Consolidated Edison	Existing Facilities Program, EFP2348 - Energy Conservation	1,02
	Energy Improvement Corporation	WESTCHESTER	NYS Electric and Gas	Cleaner Greener Communities, CGC39896 - EIC	3,000,00
	EnterSolar LLC	WESTCHESTER	Consolidated Edison	Commercial/Industrial	534,94
	Florenton River LLC	ROCKLAND	Orange and Rockland Utilities	New York Sun Program, NY-Sun	6,53
	Tiolonion river EEO	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	78,73
	EDANCES FORRES	WESTCHESTER			7,26
	FRANCES FORBES		Consolidated Edison	New Construction Program, NCP98601 - White Plains Hospit	14,30
	Franzoso Energy Solutions, Inc.	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	
	Freedom Solar Inc.	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	7,58
	Geo of Camden, LLC	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY Sun	89,1
	Geoscape Solar LLC	ORANGE	Orange and Rockland Utilities	New York Sun Program, NY-Sun	6,86
	GHP Strang LLC	WESTCHESTER	NYS Electric and Gas	Existing Facilities Program, EFP2439-GHP Strang LLC - Tacon	78,83
	Ginsburg Development LLC	WESTCHESTER	Consolidated Edison	Home Performance with Energy Star, Codes & New Construction	13,60
				New York ENERGY STAR Homes, Codes & New Construction	122,40
	Global Energy Efficiency	DUTCHESS	Central Hudson Gas and Electric	Existing Facilities Program, EFP2556-Global Energy Efficien	53,44
		WESTCHESTER	Consolidated Edison	Existing Facilities Program, EFP2494 - Global Energy Effici	23,87
				Existing Facilities Program, EFP2556-Global Energy Efficien	21,60
	Grant Park II, LP	WESTCHESTER	Consolidated Edison	Green Affordable Housing, Multifamily	38,9
	Green Energy Corp.	WESTCHESTER	Consolidated Edison	Smart Grid Systems, Village of Ossining, NY Prize	79,48
	Green Hybrid Energy Solutions Inc.	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	20,00
		ROCKLAND	Orange and Rockland Utilities	New York Sun Program, NY-Sun	18,0
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY Sun	13,2
				New York Sun Program, NY-Sun	72,14
	GreenLogic, LLC	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	11,3
	Group-S LLC	WESTCHESTER	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	17,6
	Hudson River HealthCare Inc	WESTCHESTER	Consolidated Edison	New Construction Program, NCP12757 - Peekskill Health Ce	16,62
	Hudson Solar	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	103,2
		ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	41,0
			NYS Electric and Gas	New York Sun Program, NY-Sun	13,7
			Orange and Rockland Utilities	New York Sun Program, NY Sun	6,09
				New York Sun Program, NY-Sun	102.5
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	31,2
		OLOTEIX			5,8
	Hudson Valley Federal Credit Union	DUTCHECC	NYS Electric and Gas	New York Sun Program, NY-Sun	7,2
		DUTCHESS	Central Hudson Gas and Electric	New Construction Program, NCP12852 - HVFCU Poughkeepsie	
	HVB Leasing Corp.	WESTCHESTER	Consolidated Edison	Green Jobs Green New York Revolving Loan Fund, Multifamily	250,0
	Infinity Solar Systems, LLC	ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	7,7
			Orange and Rockland Utilities	New York Sun Program, NY-Sun	21,4
		ROCKLAND	Orange and Rockland Utilities	New York Sun Program, NY-Sun	5,0
	International Business Machines,	WESTCHESTER	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	695,8
	Jeffrey Park LTD., III, LLC	WESTCHESTER	Consolidated Edison	Multifamily Performance Program, Multifamily	69,6
	Jewish Board of Family & Children's Serv	WESTCHESTER	Consolidated Edison	Existing Facilities Program, EFP2145-Jewish Board of Family	75,5
	Johnson Controls Inc.	SULLIVAN	NYS Electric and Gas	Flexible Technical Assistance Program, FlexTech Consultant Sel	44,3
		ULSTER	Central Hudson Gas and Electric	Existing Facilities Program, EFP1824 - Johnson Controls	183,80
					17.0
	Kasselman Solar LLC	ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	17,00
	Kasselman Solar LLC Kilowatt Financial, LLC	DUTCHESS DUTCHESS	Central Hudson Gas and Electric Central Hudson Gas and Electric	New York Sun Program, NY-Sun New York Sun Program, NY-Sun	17,83 21,74

Region	Contractor	County	Electric Utility	Project Description	Total Funde Amou
ıdson	Kilowatt Financial, LLC	ORANGE	Orange and Rockland Utilities	New York Sun Program, NY-Sun	34,219.0
udson		ROCKLAND	Orange and Rockland Utilities	New York Sun Program, NY-Sun	19,302.
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	12,131.
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	11,556.
	Kingston Limited Partnership	ULSTER	Central Hudson Gas and Electric	Multifamily Performance Program, Multifamily	115,900
	L&S Energy Services, Inc.	DUTCHESS	Central Hudson Gas and Electric	Existing Facilities Program, Technical Review and Program S	8,848
		ORANGE	Central Hudson Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	4,085.
		ULSTER	Central Hudson Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	5,889
				New Construction Program, Technical Assistance Services.	39,863
				Technical Assistance Services.	29,863.
		WESTCHESTER	Consolidated Edison	Industrial Process Efficiency Program, Technical Review and Pro	11,011.
				New Construction Program, Technical Assistance Services.	4,817
			NYS Electric and Gas	Existing Facilities Program, Technical Review and Program S	10,086
	Lotus Energy, Inc.	ORANGE	Orange and Rockland Utilities	New York Sun Program, NY-Sun	14,904
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	35,180
	M/E Engineering, P.C.	ORANGE	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	7,745
	3	SULLIVAN	NYS Electric and Gas	New Construction Program, Technical Assistance Services	36,545
				Technical Assistance Services	31,545
		WESTCHESTER	Consolidated Edison	New Construction Program, Technical Assistance Services	17,932
				Technical Assistance Services	12,932
	Mamaroneck Self Storage LLC	WESTCHESTER	Consolidated Edison	New Construction Program, NCP12205 - 416 Waverly Avenue	60,264
	Mannino Electric, Inc.	ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	5,880
	Marchetti Consulting Engineers	WESTCHESTER	NYS Electric and Gas	New York Sun Program, NY-Sun	17,500
	Mastercard International	WESTCHESTER	Consolidated Edison	New Construction Program, NCP13139 - MasterCard HQ 3W &	16,408
	Mercy College	WESTCHESTER	Consolidated Edison	New Construction Program, NCP12143 - Mercy College Resid	42,288
	Michael Pitcavage	SULLIVAN	NYS Electric and Gas	New York Sun Program, NY-Sun	5,202
	MJJ Builders Corp	ORANGE	Central Hudson Gas and Electric	Home Performance with Energy Star, Codes & New Construction	22,750
				New York ENERGY STAR Homes, Codes & New Construction	204,750
		ULSTER	Central Hudson Gas and Electric	Home Performance with Energy Star, Codes & New Construction	20,500
		0201211	Comman Haddon Gab and Elband	New York ENERGY STAR Homes, Codes & New Construction	184,500
	Monolith Solar Associates, LLC	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	924,184
	Worldlith Solal Associates, LLC				617,140
		ORANGE	Orange and Rockland Utilities	New York Sun Program, NY-Sun	
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	5,508
		WESTCHESTER	NYS Electric and Gas	New York Sun Program, NY-Sun	1,327,832
	New York Power Authority	ORANGE	Central Hudson Gas and Electric	Flexible Technical Assistance Program, FlexTech MOU NYSERD	40,000
		ROCKLAND	Orange and Rockland Utilities	Flexible Technical Assistance Program, FlexTech MOU NYSERD	103,500
		ULSTER	Central Hudson Gas and Electric	Flexible Technical Assistance Program, FlexTech MOU NYSERD	115,693
	New York State Solar Farm Inc.	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	5,886
		ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	5,494
			Orange and Rockland Utilities	New York Sun Program, NY-Sun	25,572
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	142,950
	Nexant, Incorporated	ORANGE	Central Hudson Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	26,485
			Orange and Rockland Utilities	Industrial Process Efficiency Program, Technical Review and Pro	17,079
		ROCKLAND	Orange and Rockland Utilities	Industrial Process Efficiency Program, Technical Review and Pro	1,189
		WESTCHESTER	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	4,730
	Nextera Energy Capital Holdings Inc	ROCKLAND	Orange and Rockland Utilities	NY Sun- Competitive PV, PV System @ Macy's Nanuet	430,914
		WESTCHESTER	Consolidated Edison	Residential PV, PV System @ Macy's Cross Count	142,114
				Residential PV, PV System @ Macy's White Plain	188,239
	Novel Approaches Solar Applications, LLC	ORANGE	Orange and Rockland Utilities	New York Sun Program, NY-Sun	24,868
		SULLIVAN	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	5,280
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	8,784
	NRG Energy, Inc.	ORANGE	Central Hudson Gas and Electric	Smart Grid Systems, Town of New Windsor NY Prize	100,000
	Title Energy, inc.	WESTCHESTER	Consolidated Edison		100,000
	NRG Residential Solar Solutions, LLC	DUTCHESS	Central Hudson Gas and Electric	Smart Grid Systems, City of Yonkers, NY Prize	64,276
	NKG Kesideritiai 30iai 30idiloris, EEC	DOTOTILOS	Central Fludsoff Gas and Liectife	New York Sun Program, NY-Sun	
			NNO Flactic and One	New York Sun Program, PV Incentive Program	7,658
		ODANOS	NYS Electric and Gas	New York Sun Program, NY-Sun	12,013
		ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	28,59
			NYS Electric and Gas	New York Sun Program, NY-Sun	10,710
			Orange and Rockland Utilities	New York Sun Program, NY-Sun	95,12
				New York Sun Program, PV Incentive Progra	5,53
		PUTNAM	NYS Electric and Gas	New York Sun Program, NY-Sun	32,183
		ROCKLAND	Orange and Rockland Utilities	New York Sun Program, NY-Sun	29,445
		ROCKLAND			
		SULLIVAN	NYS Electric and Gas	New York Sun Program, NY-Sun	27,846
				New York Sun Program, NY-Sun New York Sun Program, NY-Sun	27,846. 35,439.

	Contractor	County	Electric Utility	Project Description	Total Fu Am
ludson	NRG Residential Solar Solutions, LLC	WESTCHESTER	Consolidated Edison	New York Sun Program, PV Incentive Program	6,6
			NYS Electric and Gas	New York Sun Program, NY-Sun	22,5
udson -				New York Sun Program, PV Incentive Program	5,0
	NY SunEdison Residential Services LLC	ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	6,9
			Orange and Rockland Utilities	New York Sun Program, NY-Sun	5,5
	OLA Consulting Engineers, P.C.	WESTCHESTER	Consolidated Edison	Combined Heat and Power, FlexTech Consultant Selection	11,6
				Flexible Technical Assistance Program, FlexTech Consultant Sel	14,9
				New Construction Program, NCP TA Services - OLA 20136	15,1
	Old Dalton Farm, LLC	DUTCHESS	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	14,2
	OnForce Solar	ORANGE	Orange and Rockland Utilities	New York Sun Program, NY Sun	5,2
	on old dold	OTUTIOL	Grange and Roomana Stillies	New York Sun Program, NY-Sun	85,8
		WESTSHESTED	Consolidated Edison	•	11,6
		WESTCHESTER		New York Sun Program, NY-Sun	
	Orange Regional Medical Center	ORANGE	Orange and Rockland Utilities	New Construction Program, NCP12977 - ORMC Physicians Off	149,5
	P & A Reckess	DUTCHESS	Central Hudson Gas and Electric	Multifamily Performance Program, Multifamily	43,7
	P&T Murphy Service Inc.	WESTCHESTER	Consolidated Edison	Fuel NY, GSP00707 - P&T Murphy Services	13,0
	Pace University	WESTCHESTER	Consolidated Edison	New Construction Program, NCP12269 - Pace Residence Hall	328,9
				New Construction Program, NCP12799 - Field House	27,
	Paradise Energy Solutions, LLC	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	13,8
		ORANGE	Orange and Rockland Utilities	New York Sun Program, NY-Sun	42,2
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	7,8
	Pepsi-Cola of the Hudson Valley	ORANGE	Central Hudson Gas and Electric	Commercial/Industrial	200,
	Premier Solar Solutions LLC	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	5,9
	Pure Point Energy	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	15,0
	Real Goods Energy Tech, Inc	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	
	Rite Aid Corp			Existing Facilities Program, EFP1841 - Rite Aid of NY	14,
	Rite Aid Corp	DUTCHESS	Central Hudson Gas and Electric		5.7
		ORANGE	Central Hudson Gas and Electric	Existing Facilities Program, EFP1841 - Rite Aid of NY	- /
		PUTNAM	NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY	3,0
		SULLIVAN	NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY	3,0
		ULSTER	Central Hudson Gas and Electric	Existing Facilities Program, EFP1841 - Rite Aid of NY	6,
	Rockland Housing Action Coalition, Inc.	ROCKLAND	Orange and Rockland Utilities	Home Performance with Energy Star, Codes & New Construction	8,3
				New York ENERGY STAR Homes, Codes & New Construction	75,
	Ross Solar Group, LLC	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	63,
			NYS Electric and Gas	New York Sun Program, NY-Sun	43,4
	Safari Energy LLC	WESTCHESTER	Consolidated Edison	NY Sun- Competitive PV, PV System @ SE.DMND.333 PH 2.S	224,
	SDTC - The Center for Discovery	SULLIVAN	NYS Electric and Gas	New Construction Program, NCP13159 - Maker's Lab/Learnin	6,4
	Sea Bright Solar, LLC	ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	29,
			Orange and Rockland Utilities	New York Sun Program, NY-Sun	18,
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	5,4
	Selux Corporation	ULSTER	Central Hudson Gas and Electric	Industrial Process Efficiency Program, Industrial Process Efficiency	14,9
		WESTCHESTER	Consolidated Edison	PV System @ Blue Mountain Midd	112,
	Siemens Industry, Inc.	WESTCHESTER	Consolidated Edison	, 0	
				PV System @ Buchanan Verplanck	135,
				PV System @ Frank L. Lindsey E	124,
				PV System @ Furnace Woods Midd	147,
				PV System @ Henrick Hudson Hig	85,2
	SLGreen	WESTCHESTER	Consolidated Edison	New Construction Program, NCP13123 - Clarfeld Wealth Str	8,0
				New Construction Program, NCP13124 - Legal Aid Society o	6,
	Solar Alchemy, Inc.	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	29,
		SULLIVAN	Orange and Rockland Utilities	New York Sun Program, NY-Sun	7,3
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	15,
				•	
	Solar Development Group LLC	SULLIVAN	NYS Electric and Gas	New York Sun Program, NY-Sun	61.
	Solar Development Group LLC Solar Generation, Inc.	SULLIVAN ULSTER		New York Sun Program, NY-Sun New York Sun Program, NY-Sun	
	Solar Development Group LLC Solar Generation, Inc.	SULLIVAN ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	85,
	Solar Generation, Inc.	ULSTER	Central Hudson Gas and Electric NYS Electric and Gas	New York Sun Program, NY-Sun New York Sun Program, NY-Sun	85,9 6,4
			Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric	New York Sun Program, NY-Sun New York Sun Program, NY-Sun New York Sun Program, NY-Sun	85,9 6,4 19,1
	Solar Generation, Inc.	ULSTER	Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric Orange and Rockland Utilities	New York Sun Program, NY-Sun	85,9 6,4 19,0 7,0
	Solar Generation, Inc.	ULSTER ORANGE PUTNAM	Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric Orange and Rockland Utilities NYS Electric and Gas	New York Sun Program, NY-Sun	85,; 6,; 19,; 7,;
	Solar Generation, Inc.	ULSTER	Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric Orange and Rockland Utilities	New York Sun Program, NY-Sun	85,4 6,4 19,4 7,4 7,4 5,4
	Solar Generation, Inc.	ULSTER ORANGE PUTNAM	Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric Orange and Rockland Utilities NYS Electric and Gas	New York Sun Program, NY-Sun	85,1 6,4 19,1 7,1 7,1 5,1
	Solar Generation, Inc. Solar Maximum LLC	ORANGE PUTNAM WESTCHESTER	Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric Orange and Rockland Utilities NYS Electric and Gas Consolidated Edison	New York Sun Program, NY-Sun	85,1 6,4 19,1 7,1 7,1 5,1
	Solar Generation, Inc. Solar Maximum LLC Solar Power Company, LLC	ORANGE PUTNAM WESTCHESTER WESTCHESTER	Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric Orange and Rockland Utilities NYS Electric and Gas Consolidated Edison Consolidated Edison	New York Sun Program, NY-Sun Residential PV, PV System @ PearlGreen	85,9 6,4 19,0 7,1 7,1 5,0 296,0 202,0
	Solar Generation, Inc. Solar Maximum LLC Solar Power Company, LLC	ORANGE PUTNAM WESTCHESTER WESTCHESTER	Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric Orange and Rockland Utilities NYS Electric and Gas Consolidated Edison Consolidated Edison	New York Sun Program, NY-Sun Residential PV, PV System @ PearlGreen Commercial/Industrial	85,9 6,4 19,6 7,0 7,0 5,0 296,4 202,0
	Solar Generation, Inc. Solar Maximum LLC Solar Power Company, LLC	ORANGE PUTNAM WESTCHESTER WESTCHESTER	Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric Orange and Rockland Utilities NYS Electric and Gas Consolidated Edison Consolidated Edison Central Hudson Gas and Electric NYS Electric and Gas	New York Sun Program, NY-Sun Residential PV, PV System @ PearlGreen Commercial/Industrial New York Sun Program, NY-Sun New York Sun Program, NY-Sun	85,0 6,4 19,0 7,0 7,0 5,0 296,0 202,0 203,0 41,1
	Solar Generation, Inc. Solar Maximum LLC Solar Power Company, LLC	ORANGE PUTNAM WESTCHESTER WESTCHESTER DUTCHESS	Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric Orange and Rockland Utilities NYS Electric and Gas Consolidated Edison Consolidated Edison Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric	New York Sun Program, NY-Sun Residential PV, PV System @ PearlGreen Commercial/Industrial New York Sun Program, NY-Sun	85,6 6,4 19,6 7,0 5,0 5,0 296,8 202,0 203,9 99,0
	Solar Generation, Inc. Solar Maximum LLC Solar Power Company, LLC	ORANGE PUTNAM WESTCHESTER WESTCHESTER DUTCHESS	Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric Orange and Rockland Utilities NYS Electric and Gas Consolidated Edison Consolidated Edison Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric NYS Electric and Gas	New York Sun Program, NY-Sun Residential PV, PV System @ PearlGreen Commercial/Industrial New York Sun Program, NY-Sun New York Sun Program, NY-Sun	85,9 6,4 19,6 7,0 5,0 296,8 202,0 203,9 41,5
	Solar Generation, Inc. Solar Maximum LLC Solar Power Company, LLC	ORANGE PUTNAM WESTCHESTER WESTCHESTER DUTCHESS	Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric Orange and Rockland Utilities NYS Electric and Gas Consolidated Edison Consolidated Edison Central Hudson Gas and Electric NYS Electric and Gas Central Hudson Gas and Electric	New York Sun Program, NY-Sun Residential PV, PV System @ PearlGreen Commercial/Industrial New York Sun Program, NY-Sun	61,1 85,9 6,4 19,6 7,0 7,0 5,0 296,8 202,0 203,9 99,0 5,7 316,4 51,0

-	Contractor	County	Electric Utility	Project Description	Total Fund Amou
dson	SolarCity Corporation	SULLIVAN	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	6,657.
			Orange and Rockland Utilities	New York Sun Program, NY-Sun	14,846.
		ULSTER	Central Hudson Gas and Electric	Commercial/Industrial PV Progr	888,223.
				New York Sun Program, NY-Sun	138,979.
			NYS Electric and Gas	New York Sun Program, NY-Sun	20,940.
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	83,621.
	Sound Solar LLC	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	125,038
	Source One	WESTCHESTER	Consolidated Edison	Technical Review and Program S	10,500
	St. Luke's Cornwall Hospital	ORANGE	Central Hudson Gas and Electric	Industrial Process Efficiency Program, Industrial Process Efficiency	15,526
	State University of NY @ New Platz	ULSTER	Central Hudson Gas and Electric	New Construction Program, NCP12609 - Sojourner Truth Lib	16,755
	Steven Winter Associates, Inc.	WESTCHESTER	Consolidated Edison	Smart Grid Systems, Village of Mamaroneck NY Prize	96,920
	States visites / leaded at least inc.		Soliosidated Edison	Technical Review and Program S	6,290
	Summit Decearch Labe Inc	ORANGE	Oranga and Daakland Hillitias	•	176,561
	Summit Research Labs Inc		Orange and Rockland Utilities	Industrial Process Efficiency Program, Industrial Process Efficiency	6,090
	Sun Source Technologies	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	
		ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	35,593
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	105,854
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	9,394
	Sungevity Development, LLC	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	12,300
		ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	6,615
			NYS Electric and Gas	New York Sun Program, NY-Sun	5,550
		PUTNAM	NYS Electric and Gas	New York Sun Program, NY-Sun	5,425
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	6,450
		WESTCHESTER	NYS Electric and Gas	New York Sun Program, NY-Sun	5,121
	Sungevity, Inc.	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	5,775
	3. 3.	ORANGE	Orange and Rockland Utilities	New York Sun Program, NY-Sun	525
		SULLIVAN	NYS Electric and Gas	New York Sun Program, NY-Sun	5,832
		WESTCHESTER	Consolidated Edison	•	3,600
	Currence France Care			New York Sun Program, NY-Sun	
	Sunnova Energy Corp	ROCKLAND	Orange and Rockland Utilities	New York Sun Program, NY-Sun	6,300
	SunPower Capital, LLC	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	33,158
		ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY Sun	5,951
				New York Sun Program, NY-Sun	57,459
			NYS Electric and Gas	New York Sun Program, NY-Sun	29,233
			Orange and Rockland Utilities	New York Sun Program, NY Sun	6,210
				New York Sun Program, NY-Sun	386,490
		PUTNAM	NYS Electric and Gas	New York Sun Program, NY-Sun	7,783
		ROCKLAND	Orange and Rockland Utilities	New York Sun Program, NY-Sun	122,834
		SULLIVAN	Orange and Rockland Utilities	New York Sun Program, NY-Sun	6,278
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	72,300
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	145,587
	Sunrise Solar Solutions, LLC	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	155,000
		PUTNAM	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	6,120
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	629,439
	Sunrun Installation Services, Inc	ROCKLAND	Orange and Rockland Utilities	New York Sun Program, NY-Sun	5,304
	Carrier installation Cervices, inc	WESTCHESTER	-		24,738
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	
			NYS Electric and Gas	New York Sun Program, NY-Sun	8,528
	SunRun, Inc	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	26,456
		ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	13,436
			Orange and Rockland Utilities	New York Sun Program, NY-Sun	148,486
		ROCKLAND	Orange and Rockland Utilities	New York Sun Program, NY-Sun	67,660
		ULSTER	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	12,761
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	84,309
			NYS Electric and Gas	New York Sun Program, NY-Sun	5,746
	Sure Energy, LLC	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	9,100
	Taitem Engineering, P.C.	WESTCHESTER	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	54,264
	The Danza Leser Group	ORANGE	Orange and Rockland Utilities	Flexible Technical Assistance Program, FlexTech Program PON1	70,960
	The Dow Chemical Company	WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	12,017
	TOS Solar 5, LLC			•	218,040
		SULLIVAN	Orange and Rockland Utilities	NY Sun- Competitive PV, PV System @ Target - Wurtsboro	
	Town of Crawford	ORANGE	NYS Electric and Gas	New Construction Program, NCP12867 - Senior Community Ce	10,229
	Town of Highlands Board of Education	ORANGE	Orange and Rockland Utilities	Flexible Technical Assistance Program, FlexTech Program - PON.	28,729
	TRC Energy Services	ULSTER	Central Hudson Gas and Electric	Industrial Process Efficiency Program, Technical Review and Pro	614
		WESTCHESTER	Consolidated Edison	Industrial Process Efficiency Program, Technical Review and Pro	2,937
	Trinity Heating & Air, Inc.	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	22,032
		ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	8,461.
		WESTSHESTER	Canadidated Edison	Now York Sup Program NV Sup	13,356.
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	10,000.

REDC Region	Contractor	County	Electric Utility	Project Description	Total Funde
Mid-Hudson	US Energy Concierge Inc	DUTCHESS	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	5,814.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	6,783.0
	Verengo, Inc.	ROCKLAND	Orange and Rockland Utilities	New York Sun Program, NY-Sun	5,392.0
	Vidaris, Inc.	ULSTER	NYS Electric and Gas	New Construction Program, Technical Assistant Services	34,993.0
		WESTCHESTER	Consolidated Edison	New Construction Program, Technical Assistant Services	38,500.0
				Technical Assistant Services	33,500.0
	Village of Cold Spring	PUTNAM	Central Hudson Gas and Electric	Cleaner Greener Communities, CGC30400 - Village of Cold Sp	62,625.0
	Village of Croton-on-Hudson	WESTCHESTER	Consolidated Edison	Smart Grid Systems, Village of Croton-On-Hudson	79,488.0
	Village of Irvington	WESTCHESTER	Consolidated Edison	Smart Grid Systems, Village of Irvington NY Prize	79,488.0
	Village of Wappinger Falls	DUTCHESS	Central Hudson Gas and Electric	Smart Grid Systems, Village of Wappingers Falls	100,000.0
	vXchnge	WESTCHESTER	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	118,778.
	Washington Gas Energy Systems Inc.	DUTCHESS	Central Hudson Gas and Electric	NY Sun- Competitive PV, Competitive PV Program - Macy	247,830.
		ORANGE	Orange and Rockland Utilities	NY Sun- Competitive PV, NY Sun Competitive PV Program	285,004.
	Watchtower Bible &	ORANGE	Orange and Rockland Utilities	New Construction Program, NCP10426 - Maintenance and Fit	195,254.
		ULSTER	NYS Electric and Gas	New Construction Program, NCP98808 - Recreation Building	9,701.
				New Construction Program, NCP98811 - Services Building	48,820.0
	Westchester Auto Repair Service Inc.	WESTCHESTER	Consolidated Edison	Fuel NY, GSP00244 - Westchester Auto Re	13,000.0
	Willdan Energy Solutions	ULSTER	Central Hudson Gas and Electric	Existing Facilities Program, Technical Review and Program S	25,218.1
		WESTCHESTER	Consolidated Edison	Smart Grid Systems, Tarrytown Community NY Prize	96,867.0
				Smart Grid Systems, Village of Sleepy Hollow	96,867.0
	Yonkers LW Hotel Associates, L.P.	WESTCHESTER	Consolidated Edison	New Construction Program, NCP10849 - Hyatt Place	51,844.0
	You Save Green Incorporated	ORANGE	Central Hudson Gas and Electric	New York Sun Program, NY-Sun	12,432.0
			Orange and Rockland Utilities	New York Sun Program, NY-Sun	12,430.0
		WESTCHESTER	Consolidated Edison	New York Sun Program, NY-Sun	20,269.0
	Total				28,274,424.4
Iohawk Valley	34 South Main Housing Development Fund		National Grid	Multifamily Performance Program, Multifamily	38,000.0
	Active Solar Development, LLC	MONTGOMERY	National Grid	New York Sun Program, NY-Sun	7,182.0
				Renewable Thermal, NY-Sun	5,795.
		SCHOHARIE	National Grid	Renewable Thermal, NY-Sun	25,000.
	Alternative Power Solutions of NY, LLC	ONEIDA	National Grid	New York Sun Program, NY-Sun	48,236.0
	Antares Group, Inc.	ONEIDA	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	15,123.8
	Apex Solar Power LLC	MONTGOMERY	National Grid	New York Sun Program, NY-Sun	21,375.0
		ONEIDA	National Grid	New York Sun Program, NY-Sun	12,950.0
	Astrum Solar, Inc.	CHENANGO	NYS Electric and Gas	New York Sun Program, NY-Sun	7,956.0
		MONTGOMERY	National Grid	New York Sun Program, NY-Sun	14,508.
		ONEIDA	National Grid	New York Sun Program, NY-Sun	11,856.
			NYS Electric and Gas	New York Sun Program, NY-Sun	6,069.
	Balsam View Dairy	CHENANGO	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	46,549.
	Bergmann Associates	CHENANGO	NYS Electric and Gas	Renewable Heat NY, Technical Review and Program S	7,300.
		ONEIDA	National Grid	Renewable Heat NY, Technical Review and Program S	6,515.0
	BGW Solar 1, LLC	HERKIMER	National Grid	NY Sun- Competitive PV, PV System @ Oneida County Sher	654,357.0
	Booz Allen Hamilton, Inc.	CHENANGO	Municipal Utilities	Smart Grid Systems, NY Prize	99,933.
	Buck Hill Farm	SCHOHARIE	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	871.
	CDH Energy Corporation	ONEIDA	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	10,500.
	Central New York ASC	ONEIDA	National Grid	New Construction Program, NCP12515 - Omni Ouptatient Sur	14,159.0
	CHA Consulting Inc.	HERKIMER	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	3,900.
		ONEIDA	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	15,238.
		OTSEGO	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	18,000.
	Chris Steinmann	ONEIDA	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	12,621.
	City of Utica	ONEIDA	National Grid	Smart Grid Systems, City of Utica NY Prize	100,000.
	CNY Solar, Inc.	HERKIMER	National Grid	New York Sun Program, NY-Sun	9,800.
		ONEIDA	National Grid	New York Sun Program, NY-Sun	160,757.
	COA Solar 2, LLC	SCHOHARIE	National Grid	NY Sun- Competitive PV, PV System @ City of Amsterdam	449,828.
	Collins Knoll Farm, LLC	ONEIDA	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	35,663.
	Corning Inc.	OTSEGO	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	442,241.
	COU Solar 1, LLC	HERKIMER	National Grid	NY Sun- Competitive PV, PV System @ City of Utica - Co	402,961.
	David Beecher	OTSEGO	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	23,067.
	Doherty Electric, LLC	OTSEGO	NYS Electric and Gas	New York Sun Program, NY-Sun	28,392.
	Edward Gallagher	ONEIDA	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	7,743.
	EME Consulting Engineering Group, LLC	MONTGOMERY	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	13,900.
	Enlighten Power Solutions, LLC	OTSEGO	NYS Electric and Gas	New York Sun Program, NY-Sun	7,420.
		SCHOHARIE	National Grid	New York Sun Program, NY-Sun	6,240.0
	Extraterrestrial Materials Inc.	CHENANGO	National Grid	New York Sun Program, NY-Sun	5,355.0
			NYS Electric and Gas	New York Sun Program, NY-Sun	34,972.0
		OTSEGO	NYS Electric and Gas	New York Sun Program, NY-Sun	23,880.0

k Valley Fastrac Markets, LLC	County	Electric Utility	Project Description	Total Funde Amour
T astrac Warkets, LLC	MONTGOMERY	National Grid	Existing Facilities Program, EFP2476-Fastrac Markets - Mult	10,702.8
Finndale Farms	ONEIDA	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	8,568.7
Gehring	HERKIMER	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	202,301.1
Geo of Camden, LLC	ONEIDA	National Grid	New York Sun Program, NY Sun	6,936.0
			New York Sun Program, NY-Sun	89,561.0
Great Brook Solar NRG, LLC	MONTGOMERY	National Grid	New York Sun Program, NY-Sun	13,104.0
	ONEIDA	National Grid	New York Sun Program, NY-Sun	7,098.0
HGS Solar 1, LLC	SCHOHARIE	National Grid	NY Sun- Competitive PV, PV System - ORDA Gore Mountain	534,714.0
Hudson Solar	FULTON	National Grid	New York Sun Program, NY-Sun	7,056.0
	HERKIMER	National Grid	New York Sun Program, NY-Sun	8,085.0
	MONTGOMERY	National Grid	New York Sun Program, NY-Sun	8,064.0
	SCHOHARIE	National Grid	New York Sun Program, NY-Sun	9,408.0
Intelligent Green Solutions	CHENANGO	National Grid	PV Incentive Program	35,521.0
			Renewable Thermal, NY-Sun	17,081.0
		NYS Electric and Gas	PV Incentive Program	31,589.0
			PV Incentvie Program	35,757.0
			Renewable Thermal, NY-Sun	1,044,662.0
	OTSEGO	NYS Electric and Gas	Renewable Thermal, NY-Sun	528,962.0
	SCHOHARIE	NYS Electric and Gas	Renewable Thermal, NY-Sun	40,726.0
loxus, Inc.	OTSEGO	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	99,966.7
IRE Solar 1, LLC	ONEIDA	National Grid	NY Sun- Competitive PV, PV System @ City of Utica 2	252,447.0
IRW Solar 1, LLC	ONEIDA	National Grid	NY Sun- Competitive PV, PV System @ City of Utica 1	505,925.0
John M. Verba	MONTGOMERY	National Grid	New York Sun Program, NY-Sun	6,664.0
	SCHOHARIE	National Grid	New York Sun Program, NY-Sun	5,040.0
Kasselman Solar LLC	SCHOHARIE	National Grid	New York Sun Program, NY-Sun	5,280.0
Kenneth DeBlock Jr.	MONTGOMERY	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	1,613.4
Kevin Quinn	FULTON	National Grid	New York Sun Program, NY-Sun	12,852.0
L&S Energy Services, Inc.	SCHOHARIE	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	6,973.0
Lawview Farm	SCHOHARIE	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	12,586.
Matthew Brennan	ONEIDA	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	12,664.5
Miller's Organic Dairy	OTSEGO	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	457.
Monolith Solar Associates, LLC	HERKIMER	National Grid	New York Sun Program, NY-Sun	178,112.0
Worlditti Solai Associates, ELO	SCHOHARIE	National Grid	New York Sun Program, NY-Sun	16,940.0
	OUTOTARIL	NYS Electric and Gas	New York Sun Program, NY-Sun	170,472.0
New York Power Authority	ONEIDA	National Grid		11,587.5
New Tork Fower Authority	ONLIDA	National Ond	Flexible Technical Assistance Program, FlexTech MOU NYSERD FlexTech MOU NYSERDA-NYPA	6,819.5
	SCHOHARIE	National Grid	FlexTech MOU NYSERDA-NYPA	12,248.0
Nextera Energy Capital Holdings		National Grid	NY Sun- Competitive PV, PV System - Oneida County Sutl	1,653,538.0
Nextera Energy Capital Florulings	IIIC ONLIDA	National Glid		2,166,250.0
	COLIOLIADIE	National Orid	NY Sun- Competitive PV, PV System @ Oneida County Sutl	1,101,113.0
NDC Desidential Salar Solutions	SCHOHARIE	National Grid	NY Sun- Competitive PV, PV System @ Mohawk Paper Mills	
NRG Residential Solar Solutions,		National Grid	New York Sun Program, NY-Sun	9,282.0
	HERKIMER	National Grid	New York Sun Program, NY-Sun	9,461.0
	MONTGOMERY	National Grid	New York Sun Program, NY-Sun	
	ONEIDA	National Grid	New York Sun Program, NY-Sun	22,018.0
	OTSEGO	National Grid	New York Sun Program, NY-Sun	22,018.0 5,047.0
	OTSEGO SCHOHARIE	National Grid National Grid	New York Sun Program, NY-Sun New York Sun Program, NY-Sun	22,018.0 5,047.0 12,530.0
NY Susquehanna & Western Rail	OTSEGO SCHOHARIE	National Grid	New York Sun Program, NY-Sun	22,018.0 5,047.0 12,530.0 55,998.2
NY Susquehanna & Western Rail	OTSEGO SCHOHARIE	National Grid National Grid	New York Sun Program, NY-Sun New York Sun Program, NY-Sun	22,018.0 5,047.0 12,530.0 55,998.2
NY Susquehanna & Western Rail Omni Housing Development LLC	OTSEGO SCHOHARIE way OTSEGO	National Grid National Grid	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu	22,018.0 5,047.0 12,530.0 55,998.3 34,001.8
	OTSEGO SCHOHARIE way OTSEGO	National Grid National Grid NYS Electric and Gas	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu	22,018.0 5,047.0 12,530.0 55,998. 34,001.0 18,600.0
· 	OTSEGO SCHOHARIE way OTSEGO	National Grid National Grid NYS Electric and Gas	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction	22,018.0 5,047.0 12,530.0 55,998.3 34,001.0 18,600.0
Omni Housing Development LLC	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA	National Grid National Grid NYS Electric and Gas National Grid	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction	22,018. 5,047. 12,530. 55,998. 34,001. 18,600. 167,400.
Omni Housing Development LLC	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY	National Grid National Grid NYS Electric and Gas National Grid National Grid	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun	22,018. 5,047. 12,530. 55,998. 34,001. 18,600. 167,400. 12,663. 8,400.
Omni Housing Development LLC PosiGen LLC	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY SCHOHARIE	National Grid National Grid NYS Electric and Gas National Grid National Grid National Grid	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun New York Sun Program, NY-Sun	22,018. 5,047. 12,530. 55,998. 34,001. 18,600. 167,400. 12,663. 8,400. 9,856.
Omni Housing Development LLC PosiGen LLC Positive Energy NY, LLC	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY SCHOHARIE MONTGOMERY	National Grid National Grid NYS Electric and Gas National Grid National Grid National Grid National Grid	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun New York Sun Program, NY-Sun New York Sun Program, NY-Sun	22,018. 5,047. 12,530. 55,998. 34,001. 18,600. 167,400. 12,663. 8,400. 9,856.
Omni Housing Development LLC PosiGen LLC Positive Energy NY, LLC	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY SCHOHARIE MONTGOMERY CHENANGO	National Grid National Grid NYS Electric and Gas National Grid National Grid National Grid National Grid National Grid NYS Electric and Gas	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun	22,018. 5,047. 12,530. 55,998. 34,001. 18,600. 167,400. 12,663. 8,400. 9,856. 25,740. 5,148.
Omni Housing Development LLC PosiGen LLC Positive Energy NY, LLC Renovus Energy, Inc.	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY SCHOHARIE MONTGOMERY CHENANGO OTSEGO	National Grid National Grid NYS Electric and Gas National Grid National Grid National Grid National Grid National Grid NYS Electric and Gas NYS Electric and Gas	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun	22,018. 5,047. 12,530. 55,998. 34,001. 18,600. 167,400. 12,663. 8,400. 9,856. 25,740. 5,148. 12,858.
Omni Housing Development LLC PosiGen LLC Positive Energy NY, LLC Renovus Energy, Inc. Richfield Springs Central School	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY SCHOHARIE MONTGOMERY CHENANGO OTSEGO OTSEGO	National Grid National Grid NYS Electric and Gas National Grid National Grid National Grid National Grid National Grid NYS Electric and Gas NYS Electric and Gas NYS Electric and Gas	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun Clean Transportation, Richfield Springs CSD: PON1896	22,018. 5,047. 12,530. 55,998. 34,001. 18,600. 167,400. 12,663. 8,400. 9,856. 25,740. 5,148. 12,858.
Omni Housing Development LLC PosiGen LLC Positive Energy NY, LLC Renovus Energy, Inc. Richfield Springs Central School Richvalley Farms Partnership	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY SCHOHARIE MONTGOMERY CHENANGO OTSEGO OTSEGO HERKIMER	National Grid National Grid NYS Electric and Gas National Grid National Grid National Grid National Grid National Grid NYS Electric and Gas NYS Electric and Gas NYS Electric and Gas NYS Electric and Gas	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun Clean Transportation, Richfield Springs CSD: PON1896 Agriculture Energy Efficiency Program, Agriculture Energy Efficie	22,018. 5,047. 12,530. 55,998. 34,001. 18,600. 167,400. 12,663. 8,400. 9,856. 25,740. 5,148. 12,858. 8,909. 2,976.
Omni Housing Development LLC PosiGen LLC Positive Energy NY, LLC Renovus Energy, Inc. Richfield Springs Central School Richvalley Farms Partnership	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY SCHOHARIE MONTGOMERY CHENANGO OTSEGO OTSEGO HERKIMER CHENANGO MONTGOMERY	National Grid National Grid NYS Electric and Gas National Grid National Grid National Grid National Grid National Grid NYS Electric and Gas NATIONAL GRID	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun Clean Transportation, Richfield Springs CSD: PON1896 Agriculture Energy Efficiency Program, Agriculture Energy Efficie Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY	22,018.6 5,047.6 12,530.6 55,998. 34,001.8 18,600.0 12,663.6 8,400.0 9,856.6 25,740.0 12,858.6 8,909.2 2,976.6
Omni Housing Development LLC Positive Energy NY, LLC Renovus Energy, Inc. Richfield Springs Central School Richvalley Farms Partnership Rite Aid Corp	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY SCHOHARIE MONTGOMERY CHENANGO OTSEGO OTSEGO HERKIMER CHENANGO MONTGOMERY ONEIDA	National Grid National Grid NYS Electric and Gas National Grid National Grid National Grid National Grid National Grid NYS Electric and Gas NATIONAL GRID National Grid	New York Sun Program, NY-Sun New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun Clean Transportation, Richfield Springs CSD: PON1896 Agriculture Energy Efficiency Program, Agriculture Energy Efficie Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY	22,018.0 5,047.0 12,530.0 55,998.3 34,001.8 18,600.0 12,663.0 8,400.0 9,856.0 25,740.0 12,858.0 8,909.2 2,976.0 4,858.9
Omni Housing Development LLC PosiGen LLC Positive Energy NY, LLC Renovus Energy, Inc. Richfield Springs Central School Richvalley Farms Partnership Rite Aid Corp River Road Farm & Greenhouses	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY SCHOHARIE MONTGOMERY CHENANGO OTSEGO OTSEGO HERKIMER CHENANGO MONTGOMERY ONEIDA ONEIDA	National Grid National Grid NYS Electric and Gas National Grid National Grid National Grid National Grid NYS Electric and Gas NATIONAL GRID N	New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun Clean Transportation, Richfield Springs CSD: PON1896 Agriculture Energy Efficiency Program, Agriculture Energy Efficie Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY	22,018.0 5,047.0 12,530.0 55,998.1 34,001.8 18,600.0 12,663.0 9,856.0 25,740.0 12,858.0 8,909.2 2,976.6 4,858.9 15,812.6
Omni Housing Development LLC PosiGen LLC Positive Energy NY, LLC Renovus Energy, Inc. Richfield Springs Central School Richvalley Farms Partnership Rite Aid Corp	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY SCHOHARIE MONTGOMERY CHENANGO OTSEGO OTSEGO HERKIMER CHENANGO MONTGOMERY ONEIDA ONEIDA HERKIMER	National Grid National Grid NYS Electric and Gas National Grid National Grid National Grid National Grid NYS Electric and Gas NATIONAL GRID NATIONAL	New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun Clean Transportation, Richfield Springs CSD: PON1896 Agriculture Energy Efficiency Program, Agriculture Energy Efficie Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Agriculture Energy Efficiency Program, Agriculture Energy Efficie New York Sun Program, NY-Sun	22,018.0 5,047.0 12,530.0 55,998.3 34,001.8 18,600.0 12,663.0 8,400.0 9,856.0 25,740.0 12,858.0 8,909.2 2,976.0 4,858.9 15,812.6 35,475.0
Omni Housing Development LLC Positive Energy NY, LLC Renovus Energy, Inc. Richfield Springs Central School Richvalley Farms Partnership Rite Aid Corp	OTSEGO SCHOHARIE WAY OTSEGO ONEIDA MONTGOMERY SCHOHARIE MONTGOMERY CHENANGO OTSEGO OTSEGO HERKIMER CHENANGO MONTGOMERY ONEIDA ONEIDA	National Grid National Grid NYS Electric and Gas National Grid National Grid National Grid National Grid NYS Electric and Gas NATIONAL GRID N	New York Sun Program, NY-Sun Clean Transportation, PON 2982: Locomotive Idle Redu PON 2982: Locomotive Idle Redu Home Performance with Energy Star, Codes & New Construction New York ENERGY STAR Homes, Codes & New Construction New York Sun Program, NY-Sun Clean Transportation, Richfield Springs CSD: PON1896 Agriculture Energy Efficiency Program, Agriculture Energy Efficie Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY Existing Facilities Program, EFP1841 - Rite Aid of NY	6,426.0 22,018.0 22,018.0 5,047.0 12,530.0 55,998.1 34,001.8 18,600.0 167,400.0 12,663.0 8,400.0 9,856.0 25,740.0 12,858.0 12,858.0 15,812.6 35,475.0 11,760.0 6,384.0

REDC Region		County	Electric Utility	Project Description	Total Funde
Nohawk Valley	SolarCity Corporation	HERKIMER	National Grid	New York Sun Program, NY-Sun	24,912.
		MONTGOMERY	National Grid	New York Sun Program, NY-Sun	80,431.
		ONEIDA	National Grid	Commercial/Industrial	1,058,289.0
		SCHOHARIE	National Grid	New York Sun Program, NY-Sun	32,201.
			NYS Electric and Gas	New York Sun Program, NY-Sun	5,088.
	St Marys Healthcare	MONTGOMERY	National Grid	New Construction Program, NCP12288 - St. Mary's Outpatie	37,665.
	Steed Energy LLC	ONEIDA	National Grid	New York Sun Program, NY-Sun	5,586.
	Stephen Collins	HERKIMER	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	10,177.
	Sungevity Development, LLC	FULTON	National Grid	New York Sun Program, NY-Sun	5,250.
		ONEIDA	National Grid	New York Sun Program, NY-Sun	12,400.
	Sungevity, Inc.	ONEIDA	National Grid	New York Sun Program, NY-Sun	5,600.
	SUNY Cobleskill	SCHOHARIE	National Grid	New Construction Program, NCP13042 - Curtis Mott	5,725.
	TAG Mechanical Systems, Inc.	ONEIDA	National Grid	New York Sun Program, NY-Sun	6,426
	Taitem Engineering, P.C.	CHENANGO	NYS Electric and Gas	New York Sun Program, NY-Sun	13,340
		OTSEGO	NYS Electric and Gas	New York Sun Program, NY-Sun	9,672.
	Teresa K Schwartz	CHENANGO	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	2,005.
	The Radiant Store	HERKIMER	NYS Electric and Gas	PV Incentive Progam	15,655.
				Renewable Thermal, NY-Sun	21,064.
		ONEIDA	National Grid	Renewable Thermal, NY-Sun	60,282.
			NYS Electric and Gas	Renewable Thermal, NY-Sun	67,597.
		SCHOHARIE	National Grid	Renewable Thermal, NY-Sun	42,342
	Town of Marcy	ONEIDA	National Grid	Cleaner Greener Communities, CGC41854 - Town of Marcy	150,000.
	Trinity Heating & Air, Inc.	SCHOHARIE	National Grid	New York Sun Program, NY-Sun	5,824.
	Upper Mohawk Valley Mem. Audit Authority	ONEIDA	National Grid	New Construction Program, NCP12472 - Utica Memorial Audi	14,238.
	Viking Solar, Inc.	SCHOHARIE	National Grid	Renewable Thermal, NY-Sun	5,075
	Village of Frankfort Electric Departmen	HERKIMER	National Grid	Smart Grid Systems, Village of Frankfort NY Prize	100,000
	Vincents Heating and Fuel Service, LLC	HERKIMER	National Grid	Cleaner Greener Communities, CGC37964 - Pellet Hub	1,337,625.
		ONEIDA	National Grid	Renewable Heat NY, RHNY Residential Pellet Boiler	5,375
	Windex Farm	HERKIMER	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	7,200
	Woodlawn Dairy Farm LLC	OTSEGO	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	32,800.
	Woodrow Housing Development Fund	MONTGOMERY	National Grid	Multifamily Performance Program, Multifamily	30,000.
	Total				15,550,054.
ew York City	1 John Street LLC	KINGS	Consolidated Edison	New Construction Program, NCP12109 - 1 John Street Brook	64,208.
	1 Stop Electronics Center, Inc.	KINGS	Consolidated Edison	New Construction Program, NCP11983 - 1 Stop Electronics	5,945.
	1st Light Energy, Inc.	KINGS	Consolidated Edison	New York Sun Program, NY-Sun	5,355
		QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	5,005.
		RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	115,416
	3 Times Square Associates LLC	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2509 - 3 Times Square	188,177.
	4 NYP Ventures LLC	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	37,000.
	15 William Street Condominium	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	208,000
	23 Acad St., LLC	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	20,000.
	30-30 Equities LLC	QUEENS	Consolidated Edison	NCP11345 - The Apple Building	83,635.
				New Construction Program, NCP11345 - The Apple Building	99,289.
	32 Sixth Avenue Co LLC	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2510 - Rudin (DMP) - 32 6th	188,177
	38 Astoria Owners Corp	QUEENS	Consolidated Edison	Multifamily Performance Program, Multifamily	10,700
	46 Nevins Street Associates LLC	KINGS	Consolidated Edison	New Construction Program, NCP12450 - EVEN Hotel Brooklyn	41,287
	95 Evergreen Building Investors III LLC	KINGS	Consolidated Edison	New Construction Program, NCP13055 - 95 Evergreen	25,456
	110 William Street Property Investers II	NEW YORK	Consolidated Edison	New Construction Program, NCP12513 - 110 William Street	2,910
	117 Adams Owners LLC	KINGS	Consolidated Edison	New Construction Program, NCP11960 - 117 Adams Street Br	81,473
	125 Broad Condominium	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program - Pon	12,000
	133 Greenwich St Associates LLC	NEW YORK	Consolidated Edison	NCP11289 - 133 Greenwich St	68,117
				New Construction Program, NCP11289 - 133 Greenwich St	114,203
	140 BW LLC	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program PON	42,600
	140 W 57th Street Building LLC	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program - PON	8,087
	158th St. & Riverside Drive Housing Co.	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	192,150
	178 Bruckner Commissary LLC	BRONX	Consolidated Edison	New Construction Program, NCP11902 - 178 Bruckner Blvd	15,436
	184 Clarkson Realty LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	21,300
	196 Hillside Service Center Inc.	QUEENS	Consolidated Edison	Fuel NY, GSP00611 - 196 Hillside Servic	10,000
	220/67 Owners Corp	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	34,500
	233 West 125th Street Danforth, LLC	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	191,000
	270 Empire Realty LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	11,700
	300 Park Avenue Inc	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program - Pon	20,500
	315 West 106th Street Owners, Inc.	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	36,400.
			0	Market Barrier	28,400.
	345 East 73rd Owners Corp	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	20,400.

370 Seventh Avenue Assoc LLC 485 Ocean Realty LLC 490 West End Apartments Corporation 789 St. Marks Realty Corp 845 Third LP	NEW YORK KINGS NEW YORK KINGS	Consolidated Edison Consolidated Edison Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program - PON Multifamily Performance Program, Multifamily Multifamily Performance Program, Multifamily	16,91 25,00 9,75
490 West End Apartments Corporation 789 St. Marks Realty Corp	NEW YORK	Consolidated Edison		
789 St. Marks Realty Corp			Multifamily Performance Program, Multifamily	9,75
	KINGS			.=
845 Third LP		Consolidated Edison	Multifamily Performance Program, Multifamily	27,80
	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2512 - 845 Third L.P - 845	251,44
1236 Pacific LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	42,00
1417 Realty Associates, LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	28,57
2055 Cruger LLC	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	76,00
· · · · · · · · · · · · · · · · · · ·				10,95
*				91,80
3841 Realty Associates LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	17,40
4410-4414 Cayuga Avenue Owners Corp	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	8,05
			•	131,59
Adam C. Boese	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	33,90
	RICHMOND	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	12,30
Aegis Energy Services Inc.	BRONX	Consolidated Edison	Combined Heat and Power, CHPA - Hayden on the Hudson	180,0
	NEW YORK	Consolidated Edison	Combined Heat and Power, CHPA - Gramercy House	148,5
	QUEENS	Consolidated Edison	Combined Heat and Power, Bay Club #2 East Tower CHPA	243,7
Aeonsolar	KINGS	Consolidated Edison	New York Sun Program, NY-Sun	181,0
Ahearn Holtzman Inc.	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	1,068,50
AKF-engineers	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	138,0
	QUEENS	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	54,5
Albert Apartment Corp	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	136,5
Alembic Development Company	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	6,0
All Systems Cogeneration, Inc.	BRONX	Consolidated Edison	Combined Heat and Power, CHPA - Morrisania	180,0
	QUEENS	Consolidated Edison	Combined Heat and Power, CHPA - Roosevelt Terrace II	198,0
Alliance Cooperative Energy LLC	RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	5,0
Alliance for Housing Inc.	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	36,4
Ambrosino, DePinto & Schmieder	NEW YORK	Consolidated Edison	New Construction Program, Technical Assistance Services	29,6
			Technical Assistance Services	19,6
American Express Company	NEW YORK	Consolidated Edison		681,5
American Solar Partners, LLC				6,7
				21,0
Animal Haven			-	7,5
				26,4
				21,8
· · · · · · · · · · · · · · · · · · ·				8,9
			·	28,2
				6,4
Arctic Air Machanical Corp	NEW YORK	Consolidated Edison	G	5,6
·				967,2
			, ,	
Ateller Ten	BRUNA	Consolidated Edison		29,5
				5,0
	KINGS	Consolidated Edison		23,8
				8
	NEW YORK	Consolidated Edison	New Construction Program, Technical Assistance Services	14,9
			Technical Assistance Services	9,9
Atlantis Management Group II LLC	BRONX	Consolidated Edison	Fuel NY, GSP00638 - Atlantis Management	10,0
	RICHMOND	Consolidated Edison	Fuel NY, GSP00793 - Atlantis Management	10,0
Audubon Properties LLC	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	48,0
Bank of New York	NEW YORK	Consolidated Edison	New Construction Program, NCP13164 - 225 Liberty Headqua	30,0
Barrier Free Living Inc	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	170,7
Belair Corp.	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	8
Berkeley Cooperative Towers Sec. II Corp	QUEENS	Consolidated Edison	Multifamily Performance Program, Multifamily	111,0
Best Energy Power	KINGS	Consolidated Edison		121,4
-	NEW YORK	Consolidated Edison	New York Sun Program, NY-Sun	52,6
	QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	42,8
D. D. J. J. D. G. G. G.	KINGS	Consolidated Edison	Smart Grid Systems, City of NY, Brownsville	100,0
BlocPower Public Benefits Cornoration		Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	41,0
BlocPower Public Benefits Corporation	NEW YORK		maustral Frocess Emoleticy Frogram, maustral Frocess Efficiency	41,0
Bloomberg, L.P.	NEW YORK			33 0
Bloomberg, L.P. Blue Cube Properties, LLC	KINGS	Consolidated Edison	Home Performance with Energy Star, Mkt Trn (no longer in use)	
Bloomberg, L.P. Blue Cube Properties, LLC Board of Managers of Cipriani Club Resid	KINGS NEW YORK	Consolidated Edison Consolidated Edison	Home Performance with Energy Star, Mkt Trn (no longer in use) Flexible Technical Assistance Program, FlexTech Program	19,9
Bloomberg, L.P. Blue Cube Properties, LLC Board of Managers of Cipriani Club Resid Booz Allen Hamilton, Inc.	KINGS NEW YORK QUEENS	Consolidated Edison Consolidated Edison Consolidated Edison	Home Performance with Energy Star, Mkt Trn (no longer in use) Flexible Technical Assistance Program, FlexTech Program Smart Grid Systems, City of NY Sunnyside Yard	19,9 99,9
Bloomberg, L.P. Blue Cube Properties, LLC Board of Managers of Cipriani Club Resid	KINGS NEW YORK	Consolidated Edison Consolidated Edison	Home Performance with Energy Star, Mkt Trn (no longer in use) Flexible Technical Assistance Program, FlexTech Program	33,0 19,9 99,9 3,9 73,8
	2187 Holland Avenue Apartment Corp. 2475 Third Avenue Owner Realty LLC 2841 Realty Associates LLC 2410-4414 Cayuga Avenue Owners Corp. 2476 Accord Power, Inc. 2486 Accord Pow	2187 Holland Avenue Apartment Corp. BRONX 2475 Third Avenue Owner Realty LLC BRONX 24841 Realty Associates LLC KINGS 2410-4414 Cayuga Avenue Owners Corp BRONX 2410-4414 Cayuga Avenue Owners Corp	Ref Holland Avenue Apartment Corp. BRONX Consolidated Edison Consolidated Edison Consolidated Edison Ref Holland Acygap Avenue Owners Corp BRONX Consolidated Edison Accord Power, Inc. QUEENS Consolidated Edison RICHMOND Consolidated Edison RICHMOND Consolidated Edison REGENX REGENX Consolidated Edison REGENX REGENX	1478 Pridition Avenue Apartment Corp. BRONX Consolidated Edison Multifamily Performance Program, Multifamily Art 5 Third Avenue Owner Realty LLC KINGS Consolidated Edison Multifamily Performance Program, Multifamily Art 5 Third Avenue Owners Corp BRONX Consolidated Edison Multifamily Performance Program, Multifamily Art 5 Third Avenue Owners Corp BRONX Consolidated Edison Multifamily Performance Program, Multifamily Multifamily

_	Contractor	County	Electric Utility	Project Description	Total Funde Amou
City	Bright Power, Inc.	QUEENS	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	8,000.0
	Broadway 52nd LP	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2513 - Broadway 52nd LP - 1	415,322.
	Bronx Pro Real Estate Management	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	70,200.
	Brookfield Properties Development LLC	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP1847 - Brookfield Propertie	25,958.
	Brooklyn LW Hotel Associates, L.P.	KINGS	Consolidated Edison	NCP12285 - Hampton Inn Brookly	67,391.
				New Construction Program, NCP12285 - Hampton Inn Brookly	62,384.
	Brooklyn Navy Yard Development Corp.	KINGS	Consolidated Edison	New Construction Program, NCP11765 - Building 77	104,390.
	Castle Hill Electrical Supply Co.	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2492 - Castle Hill Electric	103,456.
	CE Renwick LLC	NEW YORK	Consolidated Edison	New Construction Program, NCP12795 - Tommie Hudson Squar	5,780.0
	CE Towers LLC	QUEENS	Consolidated Edison	Existing Facilities Program, EFP2367 - CE Towers Co Inc	105,938.
	CEC Stuyvesant Cove, Inc.	QUEENS	Consolidated Edison	Cleaner Greener Communities, EDGE Territory 3	563,512.0
	Central New York Regional Planning and D	NEW YORK	Consolidated Edison	New York Sun Program, Central New York Solar	100,000.
	CHA Consulting Inc.	KINGS	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	10,000.0
		NEW YORK	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	236,400.
		RICHMOND	Consolidated Edison	Industrial Process Efficiency Program, Technical Review and Pro	1,650.0
	Chick-fil-A, Inc.	NEW YORK	Consolidated Edison	New Construction Program, NCP13050 - Chick-fil-A 6th Ave	8,120.0
	Citi Realty Services	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	726,289.
	Citistaffing, LLC	NEW YORK	Consolidated Edison	New York Green Bank, Green Bank	30,469.0
	City of New York, Dept. of Citywide	BRONX	Consolidated Edison	PV System @ NYC School X131	122,267.0
				PV System @ NYC School X144	125,896.0
				PV System @ NYC School X184	94,612.0
				PV System @ NYC School X192	105,153.0
				PV System @ NYC School X425	156,502.0
		KINGS	Consolidated Edison	PV System @ NYC School K224	125,894.0
				PV System @ NYC School K278	131,838.0
				PV System @ NYC School K302	161,831.0
				PV System @ NYC School K324	200,506.0
				PV System @ NYC School K380	130,838.
				PV System @ NYC School K455	339,919.
				PV System @ NYC School K505	226,411.
				PV System @ NYC School K515	134,729.
		NEW YORK	Consolidated Edison	PV System @ NYC School M070	170,196.0
		QUEENS	Consolidated Edison	PV System @ NYC School Q072	105,532.0
		4022.10	Concondition Edition	PV System @ NYC School Q204	101,889.0
				PV System @ NYC School Q226	152,329.0
				PV System @ NYC School Q237	98,415.0
				PV System @ NYC School Q445	152,812.0
				PV System @ NYC School Q505	149,876.0
		RICHMOND	Consolidated Edison	PV System @ NYC School R069	139,223.0
			Concondition Edition	PV System @ NYC School R075	112,339.0
				PV System @ NYC School R445	142,081.0
				PV System @ NYC School R455	167,652.0
	City Parka Foundation	NEW YORK	Canaalidated Edison		2,244,267.0
	City Parks Foundation	NEW YORK	Consolidated Edison	Greening the Bronx, Greening The Bronx	22.120.0
	City Point Residential LLC	KINGS	Consolidated Edison	New Construction Program, NCP12101 - City Point Building	20.000.0
	CitySpire Inc.	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program - Pon	10,000.0
	Clough, Harbour & Associates, LLP	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel.	139,867.
	Code Green Solutions, Inc. Cogeneration Contractors, Inc.	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	
	Cogeneration Contractors, Inc.	BRONX	Consolidated Edison	Combined Heat and Power, CHPA - Compass Residences	232,050.
		NEW YORK	Consolidated Edison	Combined Heat and Power, CHPA - 133 Greenwich Marriot	232,050.
				Combined Heat and Power, CHPA - Riu Hotel Times Square	232,050.
	Columbia Deli & Catering	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	28,000.
	Columbia University	NEW YORK	Consolidated Edison	Combined Heat and Power, CHP Performance Program	2,400,000.0
				New Construction Program, NCP11572 - Lenfest Center for	149,731.
	Columbia University Medical Center	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	634,783.
				New Construction Program, NCP12434 - Columbia School of	93,500.
	CON EDISON SOLUTIONS, INC.	KINGS	Consolidated Edison	Commercial/Industrial	650,214.
	Concord Hospitality Enterprises Company	NEW YORK	Consolidated Edison	New Construction Program, NCP12228 - Cambria Suites on 2	5,355.
	Coney Island Commons, LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	12,244.
	Congregation Beit Simchat Torah	NEW YORK	Consolidated Edison	New Construction Program, NCP12713 - CBST Synagogue	30,137.
	Control Solutions Group	NEW YORK	Consolidated Edison	Administration OH, Facilities Management	9,500.
	Corgan Associates Architects PC	NEW YORK	Consolidated Edison	Administration OH, Design Services for NYC Office	6,500.
	Credit Agricole CIB	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial and Process Effi	43,323.2
		NEWYORK	Consolidated Edison		129,200.0
	Credit Suisse USA	NEW YORK	Consolidated Edison	NCP12010 - Eleven Madison Aven	120,200.
	Credit Suisse USA	NEW YORK	Consolidated Edison	NCP12319 - Eleven Madison Aven	109,640.0

Region	Contractor	County	Electric Utility	Project Description	Total Fund Amoเ
w York City	Credit Suisse USA	NEW YORK	Consolidated Edison	New Construction Program, NCP12339 - Eleven Madison Aven	175,276.
	CT 2525 Beverly LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	27,000.
	Cutone & Company Consultants, LLC	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP1931-Cutone & Co Consultant	177,879.
				Existing Facilities Program, EFP2268 - Cutone Company Co.	116,347.
				Existing Facilities Program, EFP2544 - Cutone - 75 Varick S	350,000
	Dairyland USA Corporation	BRONX	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	30,340
				New Construction Program, NCP11123 - 240 Food Center Dri	80,971.
	Direct Energy Business LLC	BRONX	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	281,516
		NEW YORK	Consolidated Edison	j	53,693
	DOLP 205 Properties II LLC			New Construction Program, NCP11853 - 205 East 42nd St Ph	
	Dow Jones & Company Inc	BRONX	Consolidated Edison	Flexible Technical Assistance Program, PON1746 - FlexTech Pro	30,000
	Down Town Association	NEW YORK	Consolidated Edison	New Construction Program, NCP12542 - Down Town Associati	39,725
	ELH Construction Company, LLC	KINGS	Consolidated Edison	Home Performance with Energy Star, Codes & New Construction	6,050
				New York ENERGY STAR Homes, Codes & New Construction	54,450
	Ellanef MFG Corp.	QUEENS	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	123,925
	Emblem Health Inc	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, Flex Tech - PON1746	14,957
	EME Consulting Engineering Group, LLC	KINGS	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	4,100
				Flexible Technical Assistance Program, FlexTech Consultant Sel	50,000
				New Construction Program, Technical Assistance Services	68,020
				Technical Assistance Services	33,020
		NEW YORK	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	10,925
				Flexible Technical Assistance Program, FlexTech Consultant Sel	42,049
				New Construction Program, Technical Assistance Services	89,760
				Technical Assistance Services	11,460
		QUEENS	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	13,152
	Emerald Cities Callaborative	NEW YORK			5,000
	Emerald Cities Collaborative Empower CES, LLC		Consolidated Edison	New York Sun Program, Solarize Spring 2015	8,296
	Empower CES, LLC	BRONX	Consolidated Edison	New York Sun Program, NY-Sun	
		KINGS	Consolidated Edison	New York Sun Program, NY-Sun	10,369
		QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	16,023
		RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	6,94
	Eneractive Solutions	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	110,56
	Energy & Resource Solutions, Inc.	NEW YORK	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	229,798
				Industrial Process Efficiency Program, Technical Review and Pro	24,390
				Smart Grid Systems, City of NY, Manhattan	75,000
		RICHMOND	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	29,792
	Energy Conservation & Supply, Inc.	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2348 - Energy Conservation	45,414
		QUEENS	Consolidated Edison	Existing Facilities Program, EFP2348 - Energy Conservation	3,122
	Energy Design Service Systems	QUEENS	Consolidated Edison	New Construction Program, NCP12986 - Nike	5,300
	Energy Spectrum Inc.	QUEENS	Consolidated Edison	Existing Facilities Program, EFP2590- Energy Spectrum;USTA	190,483
	Energy Spectrum, Inc.	KINGS	Consolidated Edison	New Construction Program, NCP12146 - Neptune Realty	60,649
				New Construction Program, NCP12469 - Billie Jean King Na	29,18
		NEW YORK	Consolidated Edison	Existing Facilities Program, EFP1928 - Energy Spectrum	42,17
		QUEENS	Consolidated Edison	New Construction Program, NCP12369 - USTA National Tenni	71,994
	EnterSolar LLC	BRONX	Consolidated Edison		742,160
		NEW YORK		Residential PV, PV System @ Fairway Market	47,22
	Enven Energy Services		Consolidated Edison	Existing Facilities Program, EFP2501 - Enven Energy Service	
	EQR-Acquisitions, LP	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	343,00
	EQR-Flatlands, LLC	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	189,00
	EQR-Fresca 2009 Limited Partnership	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	144,90
	ERP Operating Limited Partnership	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	1,147,450
	ESCO Energy Savings Company	BRONX	Consolidated Edison	Existing Facilities Program, EFP2011-ESCO Energy	294,60
	FAC Sunset Park, LP	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	50,00
	Fairway Bakery LLC	BRONX	Consolidated Edison	NCP11689 - Fairway Production	170,61
				New Construction Program, NCP11689 - Fairway Production	166,13
	Ficazzola Consulting, LLC	RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	88,870
	Fieldbridge Associates LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	197,70
	Fifth Partners LLC	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program - PON	8,86
	Finkelstein Timberger Real Estate	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	41,00
		NEW YORK			6,45
	FirstService Holdings, Inc. Fiveboro Solar, LLC		Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program - PON	32,88
	i wabata dalar, LLO	KINGS	Consolidated Edison	New York Sun Program, NY-Sun	
		NEW YORK	Consolidated Edison	New York Sun Program, NY-Sun	11,50
	Flushing Commons LLC	QUEENS	Consolidated Edison	New Construction Program, NCP11462 - Flushing Commons	225,18
	Fordham Fulton Realty Corp.	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	220,500
	Friends of Brooklyn Community Board 6	KINGS	Consolidated Edison	Smart Grid Systems, City of NY Red Hook Brooklyn	100,000
	Fulton South Development	KINGS	Consolidated Edison	New Construction Program, NCP11533 - Fulton South	61,35
	Gateway ShopRite Associates LLC	KINGS	Consolidated Edison	NCP11593 - Gateway ShopRite	152,329

•	Contractor	County	Electric Utility	Project Description	Total Funde Amou
ork City	General Motors of NY Inc.	QUEENS	Consolidated Edison	Fuel NY, GSP00502 – General Motors of N	10,000.0
	Genesys Engineering, P.C.	NEW YORK	Consolidated Edison	Combined Heat and Power, FlexTech Consultant Selection	9,950.
	George Washington Bridge Bus Station Dev	NEW YORK	Consolidated Edison	NCP11748 - GWB Bus Station	224,179.
	Global Energy Efficiency	BRONX	Consolidated Edison	Existing Facilities Program, EFP2494 - Global Energy Effici	44,420.
				Existing Facilities Program, EFP2556-Global Energy Efficien	62,415.
		KINGS	Consolidated Edison	Existing Facilities Program, EFP2494 - Global Energy Effici	123,495.
				Existing Facilities Program, EFP2556-Global Energy Efficien	121,049.
		NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2494 - Global Energy Effici	53,983.
				Existing Facilities Program, EFP2556-Global Energy Efficien	43,860.
		QUEENS	Consolidated Edison	Existing Facilities Program, EFP2494 - Global Energy Effici	48,120.
				Existing Facilities Program, EFP2556-Global Energy Efficien	63,371.
		RICHMOND	Consolidated Edison	Existing Facilities Program, EFP2494 - Global Energy Effici	19,915.
				Existing Facilities Program, EFP2556-Global Energy Efficien	4,288.
	Go Solar/Green NY, LLC	QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	40,254.
				New York Sun Program, RES-New Const & Adv Tech	6,867.
	Goldman Copeland Associates, P.C.	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	53,576.
	Gotham 360 LLC	BRONX	Consolidated Edison	Smart Grid Systems, City of New York - East Bronx	66,000.
	Grand Manor Nursing and Rehabilitation C	BRONX	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program - Pon	10,462.
	Green Light Energy Conservation	KINGS	Consolidated Edison	Existing Facilities Program, EFP2559 - Green Light Energy C	120,000
	Green Power Solutions, Inc.	QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	6,720.
		RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	63,120.
	Green Street Power Partners LLC	RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	18,459
	Greencycle Management Inc.	BRONX	Consolidated Edison	Existing Facilities Program, EFP2471 - Greencycle Managemen	39,133
		NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2471 - Greencycle Managemen	112,926.
	Grid City Electric Corp	QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	5,096
	Group-S LLC	BRONX	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	22,725
		KINGS	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	39,512
		NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	258,775.
		QUEENS	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	11,004.
	Harco Construction, LLC	NEW YORK	Consolidated Edison	New Construction Program, NCP12125 - 223 West 34th Stree	30,000
	Haus Enterprises, LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	10,251
	HELP Woodycrest LLC	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	48,000
	Henry Phipps Plaza East, Inc.	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	83,200
	HFZ 344 West 72nd Street Owner LLC	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	58,700.
	Highbridge Community Housing Developm	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	82,210.
	Hines 1045 Avenue of the Americas Joint	NEW YORK	Consolidated Edison	New Construction Program, NCP10584 - 1045 Ave of America	180,692
	Houston Essex Realty Corp	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	26,600.
	ICF Resources, LLC	QUEENS	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	8,095
	Intelligent Green Solutions	KINGS	Consolidated Edison	Renewable Thermal, NY-Sun	74,209
	mongon cross columns	NEW YORK	Consolidated Edison	Renewable Thermal, RES-New Const & Adv Tech	21,275.
	J. Feil and M. Bernstein Et Al	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	101,000
	Jane Street Capital				140,271
	•	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	
	Jiten	BRONX	Consolidated Edison	New Construction Program, NCP13196 - Comfort Inn Bronx	11,751 924
	Kilowatt Engineering, Inc.	BRONX NEW YORK	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	
		NEW YORK	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	50,401
				Industrial Process Efficiency Program, Technical Review and Pro	39,804
	Kingsview Homes, Inc.	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	116,250
	Knickerbocker Plaza LLC	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	374,400
	L&S Energy Services, Inc.	BRONX	Consolidated Edison	Industrial Process Efficiency Program, Technical Review and Pro	20,975
		KINGS	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	18,677
		NEW YORK	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	24,027
				Industrial Process Efficiency Program, Technical Review and Pro	20,310
		QUEENS	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	463
	Lakeside Manor Home For Adults Inc	RICHMOND	Consolidated Edison	Existing Facilities Program, EFP2382 - Lakeside Manor Home	124,800
	Level 3 Communications	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	115,770
	Level Agency for Infrastructure, LLC	BRONX	Consolidated Edison	Smart Grid Systems, City of NY Hunts Point	100,000
	Lightwave Energy, LLC	BRONX	Consolidated Edison	Existing Facilities Program, EFP2444 - Lightwave Energy LLC	29,198
		KINGS	Consolidated Edison	Existing Facilities Program, EFP2444 - Lightwave Energy LLC	51,743
		NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2444 - Lightwave Energy LLC	19,856
	Loeb & Loeb LLP	NEW YORK	Consolidated Edison	New York Green Bank, Green Bank Outside Legal Couns	29,662
	Longwood Residences	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	129,825
	Louis Feil	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	254,800.
	Louis T. Wright HDFC	NEW YORK	Consolidated Edison	Home Performance with Energy Star, Codes & New Construction	2,350.
	•			New York ENERGY STAR Homes, Codes & New Construction	21,150.
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•	Contractor	County	Electric Utility	Project Description	Total Funde Amour
w York City	Maple West 25th Owner LLC	NEW YORK	Consolidated Edison	New Construction Program, NCP11975 - 119 West 25th Stree	109,499.0
	Marcus Garvey Preservation LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	500,000.0
	Marine Equities Maple LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	30,000.0
	Marlo Towers Owners, Inc.	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	49,700.
	Marriott International Inc.	NEW YORK	Consolidated Edison	New Construction Program, NCP11334 - Edition NY	69,392.
	Mill Rock Owners Corp	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	201,500.
	Moise Safra Community Center Inc	NEW YORK	Consolidated Edison	New Construction Program, NCP12117 - Moise Safra Communi	36,123.
	Moishe Taub	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	77,000.
	Montague Pierrepont Apartments LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	86,000.
	Montefiore Medical Center	BRONX	Consolidated Edison	Combined Heat and Power, CHP Performance Program	4,800,000.0
	Mount Sinai Medical Center	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2210 - Mt. Sinai Medical Ce	344,682.
	Mount Sinai Queens	QUEENS	Consolidated Edison	New Construction Program, NCP11594 - New Building and Cl	63,031.
	Move Systems, Inc.	KINGS	Consolidated Edison	Clean Transportation, food truck charging pedestal	200,000.
	Mundo Latino Market Inc.	NEW YORK	Consolidated Edison	New Construction Program, NCP12722 - Mundo Latino Market	15,850.
	NationalGrid Energy Management, LLC	QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	115,760.
	NaviSite, Inc.	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	13,401.6
	NBC Universal LLC	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	244,429.
	New 56th and Park NY Owner LLC	NEW YORK	Consolidated Edison	New Construction Program, NCP10655 - 432 Park Avenue	759,398.0
	New York City DOT	NEW YORK	Consolidated Edison	Cleaner Greener Communities, CGC29967 - NYCDOT - Category	2,137,500.0
	New York City Energy Efficiency Corp	BRONX	Consolidated Edison	Green Jobs Green New York Revolving Loan Fund, Multifamily	31,980.
	3, 11, 1, 11, 11, 11, 11, 11, 11, 11, 11	KINGS	Consolidated Edison	Green Jobs Green New York Revolving Loan Fund, Multifamily	96,000.0
	New York Container Terminal, LLC	RICHMOND	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	286,036.6
	New York Marriott Marquis	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP1918-Marriott Hotel Srvs. I	18,467.2
	New York Presbyterian Hospital	NEW YORK	Consolidated Edison	New Construction Program, NCP12440 - NYP CHONY Bundle	57,636.0
	New York Restoration Project	NEW YORK	Consolidated Edison	Greening the Bronx, Greening The Bronx	2,249,823.0
	New York University	KINGS	Consolidated Edison	·	400,000.0
	New Fork Offiversity	KINGS	Consolidated Edison	Innovation Capacity & Business Development, Clean Tech Transi	984,583.0
	Nevent Incorporated	DDONY	Canadidated Edison	New Construction Program, NCP11464 - Center for Urban Sc	
	Nexant, Incorporated	BRONX	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	48,490.
		NEW YORK	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	67,265.0
		QUEENS	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	6,444.0
		RICHMOND	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	22,762.0
	Nite Homes HDFC	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	1,300.0
	Nixon Peabody LLP	NEW YORK	Consolidated Edison	New York Green Bank, Green Bank Outside Legal Serv.	4,545.9
	Nomura Holding America Inc	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	123,759.
	Noresco LLC	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	104,952.
	North 751 Realty Corp	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	9,400.
	NRG Residential Solar Solutions, LLC	KINGS	Consolidated Edison	New York Sun Program, NY-Sun	6,126.
				New York Sun Program, PV Incentive Program	5,661.
		QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	33,218.
		RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	32,541.
	NYC Partnership Housing Dev. Fund Co.	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	285,285.
		KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	172,486.
	NYU Hospital Center	NEW YORK	Consolidated Edison	Combined Heat and Power, CHP Performance Program	2,400,000.0
	OLA Consulting Engineers, P.C.	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	39,830.
		RICHMOND	Consolidated Edison	NCP TA Services - OLA 20136	30,050.
				New Construction Program, NCP TA Services - OLA 20136	35,050.
	OnForce Solar	BRONX	Consolidated Edison	New York Sun Program, NY Sun	5,232.
				New York Sun Program, NY-Sun	76,900.
		QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	25,465.
		RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	11,340.
	Park South Tenants Corp.	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	77,250.
	·		Consolidated Edison		24,106.
	Patriot Energy Solutions Corp	RICHMOND		New York Sun Program, NY-Sun	20,400.
	PCMH Gates Housing Development Fund		Consolidated Edison	Multifamily Performance Program, Multifamily	
	Promenade Global LLC	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	95,400.
	Queensview, Inc.	QUEENS	Consolidated Edison	Multifamily Performance Program, Multifamily	180,800.
	Quixotic Systems, Inc.	BRONX	Consolidated Edison	New York Sun Program, NY-Sun	20,813.
				Renewable Thermal, NY-Sun	114,422.
		NEW YORK	Consolidated Edison	Renewable Thermal, NY-Sun	490,915.
	Rafferty Enterprises, Inc.	NEW YORK	Consolidated Edison	ADMIN, Multifamily	14,890.
				ADMIN, Temp Employee	6,075.
				ADMIN, Temp Sercices NYC	15,214.
				ADMIN, Temp Services NYC Office	34,512.
				Existing Facilities Program, Temp Employee	2,025.
				Existing Facilities Program, Temp Employee Existing Facilities Program, Temp Sercices NYC	2,025.0 5,071.6

•	Contractor	County	Electric Utility	Project Description	Total Fund Amou
ork City	Rainbow Associates LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	17,700.
	Rebuilding Homes, LLC	KINGS	Consolidated Edison	Home Performance with Energy Star, Codes & New Construction	1,450.
				New York ENERGY STAR Homes, Codes & New Construction	13,050.
	Research Foundation of CUNY	BRONX	Consolidated Edison	Clean Transportation, HPTM Waterborne Transport	112,656
		NEW YORK	Consolidated Edison	Clean Transportation, Implementing Ecodriving in NYS	29,999
	Ridgewood Bushwick Sr. Citizens Council,	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	76,000
	Riverside Center Parcel 2 BIT Associates	NEW YORK	Consolidated Edison	New Construction Program, NCP11157 - Riverside Center	88,392
	Riverwalk 7 LLC	NEW YORK	Consolidated Edison	NCP11145 - Roosevelt Island 7	116,865
				New Construction Program, NCP11145 - Roosevelt Island 7	63,208
	Robert Derector Associates	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	47,620
	Robinson 1601 Realty Corp	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	29,400
	Rosebud Associates LLC	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	72,000
	Rosen Group Properties	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2481-Rosen Group Properties	65,600
	Roza 14W LLC	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program	42,192
	RSV, LLC	NEW YORK	Consolidated Edison	New Construction Program, NCP10585 - Rudin West Village	428,932
	Rudin Management Co. Inc.	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2334 - Rudin Mgmt - 2 loca	419,750
	San-Dar Associates Co.	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	62,170
	Sandy 350, LLC	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	173,600
	Save-A-Watt Conservation LLC	BRONX	Consolidated Edison	Existing Facilities Program, EFP2486-Save-A-Watt	79,620
	Sea Bright Solar, LLC	KINGS	Consolidated Edison	New York Sun Program, NY-Sun	7,096
		RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	35,328
	Selfhelp Community Services, Inc.	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	98,165
	Services for the UnderServed - Mental He	KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	160,800
	Settlement Housing Fund, Inc.	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	282,600
	Shelter Rock Builders, LLC	KINGS	Consolidated Edison	Home Performance with Energy Star, Codes & New Construction	5,350
				New York ENERGY STAR Homes, Codes & New Construction	48,150
	Sherwood 370 Lexington LLC	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program - Pon	12,750
	Shurgard Storage Centers LLC	QUEENS	Consolidated Edison	NCP13152 - Shurgard Storage	46,680
				New Construction Program, NCP13152 - Shurgard Storage	67,22
	Sixth Avenue West Associates LLC	NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program - PON	10,025
	SL Green Management	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2284 - SL Green Realty Corp	32,546
	SNL Financial	NEW YORK	Consolidated Edison	New York Green Bank, Market Research for NYGB team	18,000
	Solaire Generation Inc.	QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	369,680
	Solar Home NJ	RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	61,925
	Solar Maximum LLC	QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	5,642
	Solar One, Inc.	QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	10.00
	Solar Power Company, LLC	KINGS	Consolidated Edison	Residential PV, Assignment agreement-3 NTPs	331,65
	colar over company, 220	QUEENS	Consolidated Edison	Residential PV, Assignment agreement-3 NTPs	107,111
	SolarCity Corporation	RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	11,618
	Source One	BRONX	Consolidated Edison	Technical Review and Program S	13,760
	Source One	NEW YORK	Consolidated Edison	Technical Review and Program S	7,460
				-	
	Ot Assessful Assestue and III O	QUEENS	Consolidated Edison	Technical Review and Program S	9,920
	St. Augustine Apartments LLC	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	112,000
	Stantec Consulting Services, Inc.	NEW YORK	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	40,050
	Staten Island Renewable Energy Corp.	RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	11,76
	Steven Winter Associates, Inc.	KINGS	Consolidated Edison	Advanced Buildings, Linkage-Less Burner Retrofit	100,712
				New Construction Program, Technical Assistance Services	2,32
				Technical Assistance Services	2,32
				Technical Review and Program S	2,01
		NEW YORK	Consolidated Edison	Advanced Buildings, Linkage-Less Burner Retrofit	100,71
				Existing Facilities Program, Technical Review and Program S	120,43
				Flexible Technical Assistance Program, FlexTech Consultant Sel	25,93
				New Construction Program, Technical Assistance Services	85,02
				Technical Assistance Services	65,02
		QUEENS	Consolidated Edison	New Construction Program, Technical Assistance Services	29,84
	SunEdison Origination1, LLC	RICHMOND	Consolidated Edison	Residential PV, PV System @ North Shore LIJ St	1,735,33
	Sungevity, Inc.	RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	6,12
	Sunnova Energy Corp	RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	142,22
	SunPower Capital, LLC	BRONX	Consolidated Edison	New York Sun Program, NY-Sun	36,25
		KINGS	Consolidated Edison	New York Sun Program, NY-Sun	56,05
		QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	436,980
					880,887
		RICHMOND	Consolidated Edison	New York Stin Program NY-Stin	
	Sunrun Installation Services Inc	RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	
	Sunrun Installation Services, Inc SunRun, Inc	RICHMOND RICHMOND KINGS	Consolidated Edison Consolidated Edison Consolidated Edison	New York Sun Program, NY-Sun New York Sun Program, NY-Sun New York Sun Program, NY-Sun	6,552

REDC Region		County	Electric Utility	Project Description	Total Funde Amour
New York City	SunRun, Inc	RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	91,392.0
	Teach For America, Inc	NEW YORK	Consolidated Edison	New Construction Program, NCP12466 - 25 Broadway	30,000.0
	Tecogen	KINGS	Consolidated Edison	Combined Heat and Power, CHPA - Fulton South	232,650.0
		NEW YORK	Consolidated Edison	Combined Heat and Power, CHPA - Hotel Bellclaire	198,000.0
				Combined Heat and Power, CHPA - St Tropez Condominium	451,000.
	The Columbia Condominium	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	210,700.0
	The Continental Condominium	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	18,900.0
	The Doe Fund Inc	BRONX	Consolidated Edison	New Construction Program, NCP12659 - Muller Transitional	66,469.0
	The Hearst Corporation	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2381 - Hearst Communication	18,812.6
	The Macchia Group Inc.	QUEENS	Consolidated Edison	Fuel NY, GSP00798 - The Macchia Group I	10,000.0
	THE MORGAN GROUP	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	7,350.0
	The New York Internet Company Inc	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	13,041.
	The Ruppert Yorkville Towers Condominium	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	191,800.0
	The TJX Companies, Inc.	RICHMOND	Consolidated Edison	New Construction Program, NCP13131 - TJ Maxx Staten Isla	5,400.0
	The Witkoff Group	NEW YORK	Consolidated Edison	New Construction Program, NCP10793 - 150 Charles	203,368.
	Theodore Theodoropoulos	QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	5,880.0
	Third Power LLC	KINGS	Consolidated Edison	Innovation Capacity & Business Development, Advanced Clean P	199,578.
	TransCore ITS LLC	QUEENS	Consolidated Edison	Green Traffic Control Cabinet	349,942.0
	TRC Energy Services	KINGS	Consolidated Edison	Industrial Process Efficiency Program, Technical Review and Pro	2,120.2
		NEW YORK	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	45,197.
				Flexible Technical Assistance Program, FlexTech Consultant Sel	500,000.0
				Industrial Process Efficiency Program, Technical Review and Pro	16,986.
		RICHMOND	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	6,834.4
	Treasure Asset Storage LLC	NEW YORK	Consolidated Edison	NCP12473 - 122 W 146th St	281,059.0
				New Construction Program, NCP12473 - 122 W 146th St	183,467.0
	Tribeca Management, LLC	NEW YORK	Consolidated Edison	NCP10660 - Baccarat Hotel & R	225,379.
				New Construction Program, NCP10660 - Baccarat Hotel & R	273,403.0
	Triborough Preservation LLC	BRONX	Consolidated Edison	Multifamily Performance Program, Multifamily	208,000.0
		KINGS	Consolidated Edison	Multifamily Performance Program, Multifamily	251,000.0
		NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	105,000.0
	Trinity Heating & Air, Inc.	RICHMOND	Consolidated Edison	New York Sun Program, NY-Sun	18,085.0
	Trinity West Harlem Phase Two Limited Pa	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	115,000.0
	Two Bridges Neighborhood Council, Inc.	NEW YORK	Consolidated Edison	Smart Grid Systems, City of NY Two Bridges	100,000.0
	United Talmudical Academy	KINGS	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Program	5,000.0
				NCP9257 - Bais Ruchel High Sch	55,116.0
				New Construction Program, NCP9257 - Bais Ruchel High Sch	77,860.0
	Verizon Corporate Services Group	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	217,784.3
	Verizon NY Inc.	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	860,074.
	Viacom International, Inc.	NEW YORK	Consolidated Edison	Industrial Process Efficiency Program, Industrial Process Efficiency	48,253.7
	Vidaris, Inc.	KINGS	Consolidated Edison	New Construction Program, Technical Assistant Services	3,250.0
				Technical Assistant Services	3,250.
		NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	58,817.0
				New Construction Program, Technical Assistant Services	56,550.
				Technical Assistant Services	40,550.5
	Visual Arts Research and Resouce Center	NEW YORK	Consolidated Edison	New Construction Program, NCP98420 - East 125th St Fireh	27,601.0
	Voltaic Solaire LLC	KINGS	Consolidated Edison	New York Sun Program, NY-Sun	6,930.0
	voltaio colaire EEO	QUEENS	PSEG Long Island	New York Sun Program, NY-Sun	5,873.
	Waldron Engineering of New York, P.C.	KINGS	Consolidated Edison	Combined Heat and Power, FlexTech Consultant Selection	29,000.0
	Waterfront New York Waterfront New York	NEW YORK			30,000.0
	Waterfront NY Realty Corp		Consolidated Edison	New Construction Program, NCP11877 - WFNY Terminal Store	
	Waterford NY Realty Corp	NEW YORK	Consolidated Edison	Existing Facilities Program, EFP2401 - Waterfront New York	144,246.9
		QUEENS	Consolidated Edison	Existing Facilities Program, EFP2401 - Waterfront New York	102,338.
	Waterside Plaza Ground Lessee LLC	NEW YORK	Consolidated Edison	Multifamily Performance Program, Multifamily	955,500.0
	Wildcat Solar, LLC	QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	5,124.
	Willdan Energy Solutions	BRONX	Consolidated Edison	Industrial Process Efficiency Program, Technical Review and Pro	16,805.
		NEW YORK	Consolidated Edison	Existing Facilities Program, Technical Review and Program S	24,971.
				Industrial Process Efficiency Program, Technical Review and Pro	43,737.
	WM Group Services, LLC	NEW YORK	Consolidated Edison	Combined Heat and Power, FlexTech Consultant Selection	15,210.0
	WSP USA Corp.	KINGS	Consolidated Edison	New Construction Program, Technical Assistance NCP	9,345.
				Technical Assistance NCP	4,345.
		NEW YORK	Consolidated Edison	Flexible Technical Assistance Program, FlexTech Consultant Sel	6,465.
				New Construction Program, Technical Assistance NCP	16,290.0
				Technical Assistance NCP	11,290.0
	You Save Green Incorporated	QUEENS	Consolidated Edison	New York Sun Program, NY-Sun	5,600.0
	Total				67,851,727.2

	Contractor	County	Electric Utility	Project Description	Total Funde Amou
Country	Active Solar Development, LLC	HAMILTON	National Grid	Renewable Thermal, RES-New Const & Adv Tech	37,963.
		ST. LAWRENCE	National Grid	Renewable Thermal, NY-Sun	83,046.
	Adirondack North Country Association	FRANKLIN	National Grid	New York Sun Program, Solarize Spring 2015	15,000.
	Alternative Power Solutions of NY, LLC	JEFFERSON	Municipal Utilities	New York Sun Program, NY-Sun	8,680.
			National Grid	New York Sun Program, NY-Sun	5,580
				New York Sun Program, PV Incentive Program	7,378.
		LEWIS	National Grid	New York Sun Program, NY-Sun	13,509.
		SAINT LAWRENCE	National Grid	New York Sun Program, NY-Sun	8,448.
		ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	47,770.
	American Solar Partners, LLC	CLINTON	NYS Electric and Gas	New York Sun Program, NY-Sun	25,251.
		FRANKLIN	National Grid	New York Sun Program, NY-Sun	6,584.
		JEFFERSON	National Grid	New York Sun Program, NY-Sun	11,971
		SAINT LAWRENCE	National Grid	New York Sun Program, NY-Sun	15,362.
		ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	59,879.
	Anthony Tubolino	JEFFERSON	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	1,289.
	APC Paper of New York, Inc.	ST. LAWRENCE	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	64,279.
	Apex Solar Power LLC	CLINTON	NYS Electric and Gas	New York Sun Program, NY-Sun	6,300.
	·			Renewable Thermal, NY-Sun	6,000.
		ESSEX	National Grid	New York Sun Program, NY-Sun	7,700.
			NYS Electric and Gas	New York Sun Program, NY-Sun	13,125.
		ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	40,843.
		OT. DAWNEROE	readonal One		23,355.
	Ashles Klainhannan	FCCEV	NIVO Flantsia and Con	Renewable Thermal, NY-Sun	
	Ashlee Kleinhammer	ESSEX	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	15,183.
	Astrum Solar, Inc.	CLINTON	NYS Electric and Gas	New York Sun Program, NY-Sun	5,096.
		FRANKLIN	National Grid	New York Sun Program, NY-Sun	11,276.
		JEFFERSON	National Grid	New York Sun Program, NY-Sun	11,232.
		ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	13,191.
	Bergmann Associates	HAMILTON	National Grid	Renewable Heat NY, Technical Review and Program S	1,865.
	Black River Plumbing, Heating & AC, Inc	JEFFERSON	National Grid	New York Sun Program, NY-Sun	6,664
	Booz Allen Hamilton, Inc.	FRANKLIN	NYS Electric and Gas	Smart Grid Systems, Village of Chateaugay NY Prize	99,872.
		JEFFERSON	National Grid	Smart Grid Systems, Village of Carthage NY Prize	99,720.
	Borrego Solar Systems, Inc.	CLINTON	NYS Electric and Gas	Commercial/Industrial	1,143,634.
	C.T. Male Associates Engineering,	CLINTON	NYS Electric and Gas	Flexible Technical Assistance Program, FlexTech Consultant Sel	39,500.0
	Cambray Housing Corporation	ST. LAWRENCE	National Grid	Home Performance with Energy Star, Codes & New Construction	285,000.
	Carsada Dairy	FRANKLIN	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	99,694.
	CDH Energy Corporation	LEWIS	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	9,740.
		ST. LAWRENCE	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	7,385.
	Centroplan USA LLC	ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	49,220.
	CHA Consulting Inc.	SAINT LAWRENCE	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	8,100.
	Clarkson Univ., Research Div.	ST. LAWRENCE	National Grid	Environmental Research, Energy Related Air Quality	599,551.
	Corning Inc.	ST. LAWRENCE	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	317,144.
	Crest Solar LLC	CLINTON	NYS Electric and Gas	New York Sun Program, NY-Sun	5,940.
		FRANKLIN	National Grid	New York Sun Program, NY-Sun	7,200.
	D & D Artisans, LLC dba Northern Solar	FRANKLIN	National Grid	New York Sun Program, NY-Sun	5,940
	D.A. Goudreau, Inc	JEFFERSON	National Grid	New York Sun Program, NY-Sun	5,985.
	Development Authority of the North Count	LEWIS	National Grid	Smart Grid Systems, Village of Croghan NY Prize	94,000
	Edge Design and Consulting, Inc.	CLINTON	NYS Electric and Gas	New York Sun Program, NY-Sun	57,224
	Eugene Poirier	FRANKLIN	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	1,867
	Fort Drum Mountain Community Homes	JEFFERSON	National Grid	Home Performance with Energy Star, Fort Drum Low-Rise Project	2,072,918
	Fourth Coast, Inc.		National Grid		102,744
	Fourtii Coast, Inc.	JEFFERSON		New York Sun Program, NY-Sun	22,484
		LEWIS	National Grid	New York Sun Program, NY-Sun	
		SAINT LAWRENCE	National Grid	New York Sun Program, NY-Sun	8,624
		ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	5,670
	Frederick A Proven	JEFFERSON	National Grid	New York Sun Program, NY-Sun	7,840
	Freedom Mechanical, LLC	ESSEX	National Grid	RHNY Incentive Award- Taylor	10,000
		ST. LAWRENCE	National Grid	RHNY cordwood boiler incentive	8,000
	Freedom Solar Inc.	LEWIS	National Grid	New York Sun Program, NY-Sun	6,944
	Frey Electric Contruction Co., Inc.	ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	77,500
	Full and By Farm	ESSEX	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	6,293
	Giroux's Poultry Farm	CLINTON	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	132,453
	Great Brook Solar NRG, LLC	LEWIS	National Grid	New York Sun Program, NY-Sun	17,500
	Hi-Hope Farms LLC	JEFFERSON	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	23,761
	High Peaks Solar	ESSEX	NYS Electric and Gas	New York Sun Program, NY-Sun	31,192.
	_				,
		JEFFERSON	National Grid	Commercial/Industrial Program	225,775.

REDC Region	Contractor	County	Electric Utility	Project Description	Total Funded Amount
North Country	Indian River Central School District	JEFFERSON	National Grid	New Construction Program, NCP12603 - Indian River CSD Im	52,412.00
	Intelligent Green Solutions	LEWIS	National Grid	PV Incentive Program	192,506.00
	Invictus Electrical, LLC	ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	40,000.00
	Jefferson Community College	JEFFERSON	National Grid	New Construction Program, NCP12178 - SUNY Jefferson CC L	73,396.00
	Jefferson County Local Development Corp	JEFFERSON	National Grid	Smart Grid Systems, Town of Watertown NY Prize	100,000.00
	Kasselman Solar LLC	JEFFERSON	National Grid	New York Sun Program, NY-Sun	19,443.00
	Kilowatt Engineering, Inc.	FRANKLIN	National Grid	Existing Facilities Program, Technical Review and Program S	11,572.00
		ST. LAWRENCE	National Grid	Existing Facilities Program, Technical Review and Program S	17,069.00
	Kiss Electric	ESSEX	National Grid	New York Sun Program, NY-Sun	11,550.00
	Maple Green L.P.	JEFFERSON	National Grid	Multifamily Performance Program, Multifamily	23,000.00
	McDonalds Corp	JEFFERSON	National Grid	Existing Facilities Program, EFP2419 - McDonalds; multi	20,040.12
		LEWIS	National Grid	Existing Facilities Program, EFP2419 - McDonalds; multi	3,055.80
		ST. LAWRENCE	National Grid	Existing Facilities Program, EFP2419 - McDonalds; multi	7,529.28
	Michael Leuze	JEFFERSON	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	4,356.00
	Morrow Farms	JEFFERSON	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	11,177.94
	Natural History Museum of the Adirondack	FRANKLIN	National Grid	Advanced Buildings, Retrofit Hi-Eff Wood Heat Sys	39,480.00
	New York Power Authority	ESSEX	National Grid	Flexible Technical Assistance Program, FlexTech MOU NYSERD	375,940.74
		ST. LAWRENCE	National Grid	Flexible Technical Assistance Program, FlexTech MOU NYSERD	76,041.50
	North Harbor Dairy, LLC	JEFFERSON	National Grid	Anaerobic Digester Program, North Harbor Dairy LLC	2,000,000.00
	Northstar 41 LLC	CLINTON	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	100,000.00
	NRG Residential Solar Solutions, LLC	FRANKLIN	National Grid	New York Sun Program, NY-Sun	7,755.00
	NYCO Minerals Incorporated	ESSEX	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	56,363.64
	Omniafiltra	LEWIS	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	140,039.76
	Pominvilles Farm	LEWIS	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	10,374.17
	PosiGen LLC	ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	7,260.00
	Reading Electric Renewable, LLC	ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	65,000.00
	Roedel Partners Saranac Lake LLC	FRANKLIN	National Grid	New Construction Program, NCP12013 - Hotel Saranac	28,459.00
	Saranac Lake Central School	FRANKLIN	National Grid	Environmental Research, Exhaust Stack Upgrade	25,000.00
	Scott Shipley	ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	42,412.00
	Sheland Farms	JEFFERSON	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	13,266.74
	Smucker's Energy, LLC	LEWIS	National Grid	New York Sun Program, NY-Sun	17,248.00
	Snow Belt Housing Company, Inc.	CLINTON	National Grid	Multifamily Performance Program, Multifamily	7,200.00
			NYS Electric and Gas	Multifamily Performance Program, Multifamily	2,672.00
	St Regis Mohawk Tribe	FRANKLIN	National Grid	New Construction Program, NCP11807 - Tribal Administrati	105,745.00
	St. Lawrence University	ST. LAWRENCE	National Grid	Smart Grid Systems, St. Lawrence Univ - Canton	90,200.00
	Sunderland Farms	CLINTON	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	49,077.36
	Sungevity, Inc.	SAINT LAWRENCE	National Grid	New York Sun Program, NY-Sun	3,318.00
		ST. LAWRENCE	National Grid	New York Sun Program, NY-Sun	3,978.00
	SUNY Plattsburgh	CLINTON	Municipal Utilities	Smart Grid Systems, City of Plattsburgh NY Prize	98,677.00
	Trainer Farm LLC	FRANKLIN	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	17,135.90
	Triangle Electrical Systems, Inc.	CLINTON	NYS Electric and Gas	New York Sun Program, NY-Sun	32,040.00
		FRANKLIN	National Grid	New York Sun Program, NY-Sun	15,228.00
	Upstate Alternative Energy	JEFFERSON	National Grid	New York Sun Program, NY-Sun	9,680.00
	Village of Malone	FRANKLIN	National Grid	Smart Grid Systems, Village of Malone NY Prize	100,000.00
	White Birch Enterprise LLC	JEFFERSON	National Grid	Multifamily Performance Program, Multifamily	11,250.00
	Total				10,467,176.87
Southern Tier	Alternative Power Solutions of NY, LLC	STEUBEN	NYS Electric and Gas	New York Sun Program, NY-Sun	10,500.00
	Antares Group, Inc.	SCHUYLER	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	8,485.52
		TOMPKINS	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	4,364.60
	Apex Solar Power LLC	SCHUYLER	NYS Electric and Gas	New York Sun Program, NY-Sun	21,000.00
	Arcadis U.S., Inc.	BROOME	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	4,000.00
	Astrum Solar, Inc.	CHEMUNG	NYS Electric and Gas	New York Sun Program, NY-Sun	12,324.00
		STEUBEN	NYS Electric and Gas	New York Sun Program, NY-Sun	11,220.00
		TIOGA	NYS Electric and Gas	New York Sun Program, NY-Sun	16,536.00
		TOMPKINS	NYS Electric and Gas	New York Sun Program, NY-Sun	20,806.00
	Bergmann Associates	BROOME	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	35,740.00
	Bigwood Systems	TOMPKINS	NYS Electric and Gas	Smart Grid Systems, EPTD Smart Grid Program	223,362.00
	Binghamton City School District	BROOME	NYS Electric and Gas	New Construction Program, NCP11437 - MacArthur School	242,178.00
	Binghamton University	BROOME	NYS Electric and Gas	New Construction Program, NCP12349 - Binghamton Universi	15,540.00
				New Construction Program, NCP12485 - Lecture Hall Studen	50,072.00
	Booz Allen Hamilton, Inc.	CHEMUNG	NYS Electric and Gas	Smart Grid Systems, City of Elmira NY Prize	99,933.00
	Broome County	BROOME	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial and Process Effi	68,270.76
	C.T. Male Associates Engineering,	BROOME	NYS Electric and Gas	Flexible Technical Assistance Program, FlexTech Consultant Sel	12,615.00
	CDH Energy Corporation	CHEMUNG	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	9,360.00

	Contractor	County	Electric Utility	Project Description	Total Funde Amour
uthern Tier	Charles Mras	BROOME	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	50,889.5
	City of Ithaca	TOMPKINS	NYS Electric and Gas	Smart Grid Systems, City of Ithaca NY Prize	100,000.0
	Clough, Harbour & Associates, LLP	STEUBEN	NYS Electric and Gas	Flexible Technical Assistance Program, FlexTech Consultant Sel	45,250.0
	Cornell Cooperative Extension - Tompkins	TOMPKINS	NYS Electric and Gas	Cleaner Greener Communities, CGC30635 - Southern Tier Bulk	1,304,538.0
	Cornell Cooperative Extension of Schuyle	SCHUYLER	NYS Electric and Gas	New York Sun Program, Solarize Spring 2015	5,000.0
	Cornell University	TOMPKINS	NYS Electric and Gas	Environmental Research, Energy Related Air Quality	310,240.0
				New Construction Program, NCP12380 - Gannett Health Cent	61,684.0
				New Construction Program, NCP12382 - College of Veterina	161,623.0
	Corning Community College	STEUBEN	NYS Electric and Gas	New Construction Program, NCP11625 - Corning Community C	6,550.0
	Corning Inc	STEUBEN	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	34,913.7
	Corning Inc.	STEUBEN	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	30,446.8
	District Sun	STEUBEN	NYS Electric and Gas	New York Sun Program, NY Sun	26,357.0
	Dynamic Energy Solutions, LLC	TOMPKINS	NYS Electric and Gas	NY Sun- Competitive PV, PV System @ Lansing Central Sc	273,450.4
	Ecovis, Inc.	CHEMUNG	NYS Electric and Gas	New York Sun Program, NY-Sun	7,140.0
	Energy & Resource Solutions, Inc.	TIOGA	NYS Electric and Gas	Existing Facilities Program, Technical Review and Program S	6,410.0
	Extraterrestrial Materials Inc.	BROOME	NYS Electric and Gas	New York Sun Program, NY-Sun	11,424.0
		TIOGA	NYS Electric and Gas	New York Sun Program, NY-Sun	57,610.0
		TOMPKINS	NYS Electric and Gas	New York Sun Program, NY-Sun	43,685.0
	Finger Lakes Library System	TOMPKINS	NYS Electric and Gas	New Construction Program, NCP11904 - Finger Lakes Librar	5,574.0
	Fingerlakes Renewables	TOMPKINS	NYS Electric and Gas	New York Sun Program, NY-Sun	19,656.0
	Freedom Solar Inc.	STEUBEN	NYS Electric and Gas	New York Sun Program, NY-Sun	26,600.0
	George E Denmark II	CHEMUNG	NYS Electric and Gas	New York Sun Program, NY-Sun	20,853.0
	g	SCHUYLER	NYS Electric and Gas	New York Sun Program, NY-Sun	5,565.0
		TIOGA	NYS Electric and Gas	New York Sun Program, NY-Sun	11,704.0
	Hayes Electric	TIOGA	NYS Electric and Gas	New York Sun Program, NY-Sun	15,120.0
	Home Leasing Services, LLC	STEUBEN	NYS Electric and Gas	Home Performance with Energy Star, Codes & New Construction	5,100.0
	Florite Leasing Gervices, LLC	STEODEN	NTS Liectific and Gas		45,900.0
	Intelligent Croon Colutions	DDOOME	NVC Floatric and Con	New York ENERGY STAR Homes, Codes & New Construction	
	Intelligent Green Solutions	BROOME	NYS Electric and Gas	Renewable Thermal, NY-Sun	633,486.0
		DELAWARE	NYS Electric and Gas	PV Incentive Program	83,604.0
				Renewable Thermal, NY-Sun	460,258.0
		SCHUYLER	NYS Electric and Gas	Renewable Thermal, NY-Sun	300,000.0
		TIOGA	NYS Electric and Gas	Renewable Thermal, NY-Sun	1,039,883.0
		TOMPKINS	NYS Electric and Gas	PV Incentive Program	13,043.0
				Renewable Thermal, NY-Sun	57,018.0
	Ithaca B and T Associates LLC	TOMPKINS	NYS Electric and Gas	New Construction Program, NCP12895 - BinOptics	16,287.5
	Ithaca Carshare, Inc.	TOMPKINS	NYS Electric and Gas	Clean Transportation, Low-Carbon Travel Choices	136,515.0
	Johnson Controls, Inc. (Syracuse)	CHEMUNG	NYS Electric and Gas	Existing Facilities Program, EFP2199 - Johnson Controls Inc	113,490.0
	L&S Energy Services, Inc.	BROOME	NYS Electric and Gas	Existing Facilities Program, Technical Review and Program S	2,360.8
	LaBella Associates, P.C.	TOMPKINS	NYS Electric and Gas	Existing Facilities Program, Technical Review and Program S	7,834.0
	Laertes Solar, LLC	TOMPKINS	NYS Electric and Gas	NY Sun- Competitive PV, PV System @ Cornell - Ellis	4,090,832.0
	Lecesse Construction Services	TOMPKINS	NYS Electric and Gas	Home Performance with Energy Star, NYSERDA Administration	4,000.0
				New York ENERGY STAR Homes, NYSERDA Administration	36,000.0
	M/E Engineering, P.C.	TOMPKINS	NYS Electric and Gas	Flexible Technical Assistance Program, FlexTech Consultant Sel	162,165.0
	McWane, Inc	CHEMUNG	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	135,000.0
	Monolith Solar Associates, LLC	BROOME	NYS Electric and Gas	New York Sun Program, NY-Sun	5,390.0
	MPL Incorporated	TOMPKINS	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	14,336.8
	· · · · · · · · · · · · · · · · · · ·		NYS Electric and Gas		62,513.0
	New York Power Authority	DELAWARE		Flexible Technical Assistance Program, FlexTech MOU NYSERD	2,179,663.0
	Nextera Energy Capital Holdings Inc	TOMPKINS	NYS Electric and Gas	NY Sun- Competitive PV, New York Sun Competitive PV Pr	
	ND0 D //			NY Sun- Competitive PV, PV System @ Vulcraft of NY - T	1,453,956.0
	NRG Residential Solar Solutions, LLC	DELAWARE	NYS Electric and Gas	New York Sun Program, NY-Sun	8,925.0
		TOMPKINS	NYS Electric and Gas	New York Sun Program, NY-Sun	19,055.0
	Owego Apalachin CSD	TIOGA	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	14,834.7
	Pathfinder Engineers & Architects, LLP	BROOME	NYS Electric and Gas	New Construction Program, Technical Assistance Services	23,734.0
	QwikSolar, LLC	STEUBEN	NYS Electric and Gas	New York Sun Program, NY-Sun	9,100.0
	Renovus Energy, Inc.	DELAWARE	NYS Electric and Gas	New York Sun Program, NY-Sun	9,828.
		SCHUYLER	NYS Electric and Gas	New York Sun Program, NY-Sun	165,381.
		TIOGA	NYS Electric and Gas	New York Sun Program, NY-Sun	44,889.
		TOMPKINS	NYS Electric and Gas	New York Sun Program, NY-Sun	501,265.
	Rite Aid Corp	BROOME	NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY	5,629.
		CHEMUNG	NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY	5,554.0
		STEUBEN	NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY	5,738.8
		TIOGA	NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY	3,505.5
	Robert Nape	TOMPKINS	NYS Electric and Gas	PV Incentive Program	5,579.0
	S2AY Rural Health Network	STEUBEN	NYS Electric and Gas	New York Sun Program, Solarize Spring 2015	5,000.0

REDC Region	Contractor	County	Electric Utility	Project Description	Total Funded Amount
Southern Tier	Southern Tier Central Regional Planning	STEUBEN	NYS Electric and Gas	Cleaner Greener Communities, CGC40255 - Cooperative Compr	75,000.00
	Sumintra	TOMPKINS	NYS Electric and Gas	New York Sun Program, NY-Sun	9,996.00
	Sungevity, Inc.	TOMPKINS	NYS Electric and Gas	New York Sun Program, NY-Sun	6,728.00
	SunPower Capital, LLC	BROOME	NYS Electric and Gas	New York Sun Program, NY-Sun	5,886.00
	Taitem Engineering, P.C.	DELAWARE	NYS Electric and Gas	New York Sun Program, NY-Sun	7,848.00
		SCHUYLER	NYS Electric and Gas	New York Sun Program, NY-Sun	21,781.00
		TIOGA	NYS Electric and Gas	New York Sun Program, NY-Sun	9,843.00
		TOMPKINS	NYS Electric and Gas	New York Sun Program, NY-Sun	114,400.00
	Temple Israel	BROOME	NYS Electric and Gas	New Construction Program, NCP12676 - Temple Israel	19,669.00
	The Gunlocke Company	STEUBEN	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	131,608.32
	The Research Foundation of SUNY at Bing	BROOME	NYS Electric and Gas	Innovation Capacity & Business Development, EFRC co-funding	199,250.00
				Innovation Capacity & Business Development, Ultraviolet and Ele	100,000.00
	The TJX Companies, Inc.	TOMPKINS	NYS Electric and Gas	New Construction Program, NCP13130 - TJ Maxx Ithaca #079	5,345.00
	Tompkins, County of	TOMPKINS	NYS Electric and Gas	Smart Grid Systems, Village of Lansing NY Prize	95,314.00
	Town of Ulysses	TOMPKINS	NYS Electric and Gas	Cleaner Greener Communities, CGC39053 - Town of Ulysses	40,000.00
	TRC Energy Services	BROOME	NYS Electric and Gas	Smart Grid Systems, Village of Endicott NY Prize	99,979.00
	Tungsten Sources, LLC	CHEMUNG	NYS Electric and Gas	Innovation Capacity & Business Development, Transformative Te	400,000.00
	Upstate Energy Solutions	SCHUYLER	NYS Electric and Gas	New York Sun Program, NY-Sun	20,655.00
	Village of Bath Electric Gas &	STEUBEN	Municipal Utilities	Smart Grid Systems, Bath Electric Gas & Water	98,677.00
			NYS Electric and Gas	·	5,000.00
	Village of Newark Valley	TIOGA		New York Sun Program, Solaize Spring 2015	
	W.L. Kline, Inc.	BROOME	NYS Electric and Gas	Home Performance with Energy Star, RES-New Const & Adv Tech	9,350.00
				New York ENERGY STAR Homes, RES-New Const & Adv Tech	84,150.00
	Weitsman Shredding	TIOGA	NYS Electric and Gas	Industrial Process Efficiency Program, Industrial Process Efficiency	35,201.64
	Williams Honda	CHEMUNG	NYS Electric and Gas	New Construction Program, NCP12748 - Williams Honda Show	26,264.00
	World Kitchen, LLC	STEUBEN	NYS Electric and Gas	Flexible Technical Assistance Program, FlexTech Program - Pon	44,990.00
				Industrial Process Efficiency Program, Industrial Process Efficiency	114,989.64
	Total				17,253,968.65
statewide	7x24 Exchange Metro NY Chapter, Inc.	STATEWIDE	Statewide	Advanced Buildings, 2015 7x24 Exchange University	5,000.00
	A.T. Kearney	STATEWIDE	Statewide	Energy Analysis, Reforming the Energy Vision De	2,227,500.00
	Abt Associates Inc.	STATEWIDE	Statewide	Energy Analysis, Environmental Res. Outreach	100,000.00
				Environmental Research, Environmental Res. Outreach	150,000.00
	ACEEE	STATEWIDE	Statewide	Existing Facilities Program, ACEEE 2015 research projects	30,000.00
	Adirondack Area Network	STATEWIDE	Statewide	Administration OH, 2015 Video Recording Services	14,000.00
	Advantage Title Agency, Inc.	STATEWIDE	Statewide	Green Jobs Green New York Revolving Loan Fund, Title Compan	133,333.00
	Affordable Housing Partnership	STATEWIDE	Statewide	Green Jobs Green New York Revolving Loan Fund, Green Jobs	78,580.00
	Akasaka Enterprises	STATEWIDE	Statewide	Consultant	48,758.00
	Alliance for Green Heat	STATEWIDE	Statewide		198,600.00
				Renewable Heat NY, Energy and Environmental Perfo	10,000.00
	American Council for an Energy Efficient	STATEWIDE	Statewide	Industrial Process Efficiency Program, 2015 ACEEE Ally Member	179.00
	American Energy Care, Inc.	STATEWIDE	Statewide	New York Sun Program, NY-Sun	
	American Fuel Cell	STATEWIDE	Statewide	Clean Transportation, NY-BEST Bench-to-Prototype	250,000.00
	Antares Group, Inc.	STATEWIDE	Statewide	Agriculture Energy Efficiency Program, FlexTech Consultant Sele	24,614.24
	Arcadis U.S., Inc.	STATEWIDE	Statewide	Agriculture Energy Efficiency Program, Technical Review and Pro	75,000.00
				Emerging Technology / Accelerated Commercializatio, Technical	14,540.00
				Existing Facilities Program, Technical Review and Program S	295,516.39
				Flexible Technical Assistance Program, Technical Review and Pr	20,000.00
				Technical Review and Program S	259,940.00
	Arch Street Communications, Inc.	STATEWIDE	Statewide	Energy Analysis, Corporate Marketing	40,000.00
	Association for Energy Affordability, In	STATEWIDE	Statewide	2015 AEA Multifamily Buildings	25,000.00
				Multifamily Performance Program, 2015 AEA Multifamily Buildings	25,000.00
	AT&T Services Inc.	STATEWIDE	Statewide	Industrial Process Efficiency Program, Industrial Process Efficiency	77,287.60
	Bank of New York	STATEWIDE	Statewide	Green Jobs Green New York Revolving Loan Fund, \$3000 annual	57,000.00
				Green Jobs Green New York Revolving Loan Fund, Office of the	5,000.00
	Behavioral Ideas Lab, Inc.	STATEWIDE	Statewide	Advanced Buildings, Behavior Overview & Design	550,000.00
		STATEWIDE	Statewide		3,378.85
	Benchemark Printing, Inc.			Empower, Printing Services	
	Bergmann Associates	STATEWIDE	Statewide	Agriculture Energy Efficiency Program, Technical Review and Pro	6,400.00
	Brand/Cool Marketing	STATEWIDE	Statewide	Empower, RFQL and RFP 1224	383,380.47
				Home Performance with Energy Star, RFQL and RFP 1224	595,538.99
				Multifamily Performance Program, RFQL and RFP 1224	85,887.81
				RFQL and RFP 1224	287,958.19
	Brattle Group Inc.	STATEWIDE	Statewide	Energy Analysis, Utility Business Model for REV	650,000.00
	Brookhaven National Lab	STATEWIDE	Statewide	Renewable Heat NY, Next-Gen Test Method Devel	500,000.00
	Building Media, Inc.	STATEWIDE	Statewide	Advanced Energy Codes, NYS Energy Code Conference	100,000.00
		OT 4 TE 14 11 D.E.	Oteteride	Florible Technical Assistance Program, Flor Tech Consultant Sel	22,240.00
	C.T. Male Associates Engineering,	STATEWIDE	Statewide	Flexible Technical Assistance Program, FlexTech Consultant Sel	22,240.00
	C.T. Male Associates Engineering, CB Information Services, Inc.	STATEWIDE	Statewide	Innovation Capacity & Business Development, CB Insights Subsc	14,388.00

de	Contractor	County	Electric Utility	Project Description	Total Funde Amou
	CDH Energy Corporation	STATEWIDE	Statewide	Existing Facilities Program, Technical Review and Program S	30,000.0
	CHA Consulting Inc.	STATEWIDE	Statewide	Agriculture Energy Efficiency Program, Technical Review and Pro	84,999.
				Existing Facilities Program, Technical Review and Program S	132,000.
				Flexible Technical Assistance Program, Technical Review and Pr	218,820.
				Industrial Process Efficiency Program, Technical Review and Pro	323,230
	City Of New York	STATEWIDE	Statewide	Innovation, Newtown Creek WWTP food waste	22,906.
	Clarkson Univ., Research Div.	STATEWIDE	Statewide	Environmental Research, Energy Related Air Quality	349,698.
	Clarkson University	STATEWIDE	Statewide	Renewable Heat NY, CO off-gassing pellet storage	250,000.
				Renewable Heat NY, Community Exposure to WS Roch	349,999.
				Renewable Heat NY, Guidance for Thermal Storage	364,998.
	Clean Energy States Alliance	STATEWIDE	Statewide	Innovation, CESA Year 12 Membership	68,500.
	Clean Power Research	STATEWIDE	Statewide	NY Sun, NY-Sun	30,000.
	Cleantech Group, Inc.	STATEWIDE	Statewide	Innovation Capacity & Business Development, I3 Database Subs	5,000.
	CLEAResult Consulting, Inc.	STATEWIDE	Statewide	Assisted Home Performance with Energy Star, Program Impleme	842,931.
				Home Performance with Energy Star, Implementation and Suppor	135,828.
				Home Performance with Energy Star, Program Implementation S	2,167,539.
				New York ENERGY STAR Homes, Implementation and Support c	769,692.
	ClearStak LLC	STATEWIDE	Statewide	Renewable Heat NY, Modifications to ThermoControl	49,190.
				Renewable Heat NY, Round-Robin Testing Program	143,520.
	Climate Action Associates LLC	STATEWIDE	Statewide	Cleaner Greener Communities, Climate Smart Communities Regi	209,029.0
	Climate Policy Initiative	STATEWIDE	Statewide	NY Sun, Support for Financial Analysis	50,000.
	Cohen Ventures Inc	STATEWIDE	Statewide		1,171,735.
				Emerging Technology / Accelerated Commercializatio, CATALYS	249,995.
	Combined Energies LLC	STATEWIDE	Statewide	Clean Transportation, Power/energy module dev & demo	
	Compressed Air Challenge, Inc.	STATEWIDE	Statewide	Industrial Process Efficiency Program, Compressed Air Challenge	5,000.
	Conservation Services Group, Inc.	STATEWIDE	Statewide	Assisted Home Performance with Energy Star, Program Impleme	1,250,118.
				Home Performance with Energy Star, Implementation & Support	192,988.
				Home Performance with Energy Star, Program Implementation S	3,219,377.
				New York ENERGY STAR Homes, Implementation & Support Ser	1,093,599
	Consortium for Energy Efficiency, Inc.	STATEWIDE	Statewide	Market Pathways, 2015 CEE Consumer Electronics	20,000
				Market Pathways, CEE 2015 Sponsorship	103,000.
	Continental Automated Buildings Associat	STATEWIDE	Statewide	New Construction Program, CABA NZEB Controls Study	10,000.
	Cornell Cooperative Extension - Tompkins	STATEWIDE	Statewide	Environmental Research, Residential Biomass Heating	13,375.
	Cornell University-Office of Sponsored P	STATEWIDE	Statewide	Renewable Heat NY, Biomass-Fired Emission Sources	275,000.
	Corporate Resolutions Inc	STATEWIDE	Statewide	Administration OH, KYC Services	50,000.
	DET NORSKE VERITAS (U.S.A.) INC.	STATEWIDE	Statewide	Clean Transportation, DNV GL to perform a forensics	49,120.
	Dewberry Consultants LLC	STATEWIDE	Statewide	Energy Analysis, East Hampton resiliency	220,910.
				Energy Analysis, Future Floodplain Analysis	79,168.
	Dewberry Engineers Inc	STATEWIDE	Statewide	Energy Analysis, Transportation Climate ADP	288,843.
	DNV GL Energy Services USA Inc.	STATEWIDE	Statewide	Outside Technical Eng. Srv.	38,720
	Dowd-Witbeck Printing Corp.	STATEWIDE	Statewide	Administration OH, Printing Services-MWBE	4,549
				Empower, Printing Services	177.
	Eastern Research Group, Inc.	STATEWIDE	Statewide	Energy Analysis, Environmental Outreach	100,000
	,			Environmental Research, Environmental Outreach	150,000.
	EBSCO Industries, Inc.	STATEWIDE	Statewide	Environmental Research, PlumX altmetrics 2015-2016	15,000.
	Ecovative Design LLC	STATEWIDE	Statewide	Clean Transportation, Biomaterial Sound Attenuation	110,338.
	Electric Power Research Institute	STATEWIDE	Statewide	Innovation, EPRI IOAP Gap Analysis	117,000
					110,000
	Electrical Power WorX Corporation	STATEWIDE	Statewide	Clean Transportation, ADVANCED TRANSPORTATION TECHNO	
	EME Consulting Engineering Group, LLC	STATEWIDE	Statewide	Existing Facilities Program, Technical Review and Program S	114,750
	Energetics, Incorporated	STATEWIDE	Statewide	Clean Transportation, Battery LCA for Lev 3 EVSE	75,000
	Energy & Resource Solutions, Inc.	STATEWIDE	Statewide	Combined Heat and Power, Technical and Logistic Support	3,500,000.
				Existing Facilities Program, Technical Review and Program S	26,561
				Renewable Heat NY, Technical Review and Program S	3,500
	Energy and Environmental Economics Inc.	STATEWIDE	Statewide	Energy Analysis, REV Economic Framework	0
				Innovation Capacity & Business Development, Modeling and Anal	10,000
				Innovation, REV Economic Framework	274,999
				NY Sun, Flex Energy Tech Analysis 2	200,000
				NY Sun, Solar Adoption Forecast	30,000
			Statewide	Market Pathways, Enabling CPACE in NYS	107,494
	Energy Improvement Corporation	STATEWIDE	Otatewide		
				Administration OH, 2015 NYEW Sponsorship	5.000
	Energy Week Holdings, LLC	STATEWIDE	Statewide	Administration OH, 2015 NYEW Sponsorship Assisted Home Performance with Energy Star, HPWES Program	
				Assisted Home Performance with Energy Star, HPWES Program	203,828.
	Energy Week Holdings, LLC EnergySavvy Inc	STATEWIDE STATEWIDE	Statewide Statewide	Assisted Home Performance with Energy Star, HPWES Program Home Performance with Energy Star, HPWES Program Mgmt Po	203,828. 379,371.
	Energy Week Holdings, LLC EnergySavvy Inc Enerwise Global Technologies	STATEWIDE STATEWIDE	Statewide Statewide Statewide	Assisted Home Performance with Energy Star, HPWES Program Home Performance with Energy Star, HPWES Program Mgmt Po Existing Facilities Program, Innovation - Buildings	203,828. 379,371. 6,000.
	Energy Week Holdings, LLC EnergySavvy Inc	STATEWIDE STATEWIDE	Statewide Statewide	Assisted Home Performance with Energy Star, HPWES Program Home Performance with Energy Star, HPWES Program Mgmt Po	5,000.0 203,828.0 379,371.0 6,000.0 334,522.0 5,293.0

	n Contractor	County	Electric Utility	Project Description	Total Funded Amoun
tatewide	Eric Mower and Associates	STATEWIDE	Statewide	Existing Facilities Program, RFQL and RFP 1224	264,439.0
				Home Performance with Energy Star, RFQL and RFP 1224	83,756.5
				Industrial Process Efficiency Program, RFQL and RFP 1224	240,489.4
				Innovation Capacity & Business Development, RFQL and RFP 12	250,000.0
				New Construction Program, RFQL and RFP 1224	242,936.4
				New York ENERGY STAR Homes, RFQL and RFP 1224	304,299.2
	eV2g, LLC	STATEWIDE	Statewide	Clean Transportation, Building-and Grid-Interactive	368,266.0
	Found Object LLC	STATEWIDE	Statewide	Administration OH, Communications Services for Re	150,000.0
	Frontier Abstract and Research Services	STATEWIDE	Statewide	Green Jobs Green New York Revolving Loan Fund, Title Compan	133,333.0
	Fund for Public Health in New York, Inc.	STATEWIDE	Statewide	Energy Analysis, Climate ADPHealth and Energy	294,326.0
	FXFOWLE Architects, LLP	STATEWIDE	Statewide	Advanced Buildings, Implement Pass. House Standard	100,000.00
	Gas Technology Institute	STATEWIDE	Statewide	Advanced Buildings, Market evaluation of VRV GHP	99,922.0
	GATS Administrator	STATEWIDE	Statewide	Large Scale Renewables, GATS Fee Payments	71,048.1
	Go Solar/Green NY, LLC	STATEWIDE	Statewide	New York Sun Program, RES-New Const & Adv Tech	11,772.0
	Green Light New York, Inc.	STATEWIDE	Statewide	Mktg Consultant for MEPP	50,000.0
				Multifamily Performance Program, 2015-16 BEEx Watt Sponsors	50,000.0
	Greentech Media Inc.	STATEWIDE	Statewide	Administration OH, 2015 Energy to Lead REV4NY GTM	65,000.00
	Harwich Partners, LLC	STATEWIDE	Statewide	Smart Grid Systems, NY Prize	75,000.00
				Smart Grid Systems, REV Demo Implementation	37,500.00
	Health Research, Inc.	STATEWIDE	Statewide	Renewable Heat NY, Ultrafine Particle Emissions	303,210.00
	HLT NY Hilton, LLC	STATEWIDE	Statewide	Administration OH, 2015 Energy to Lead REV4NY	85,000.00
	Hobart and William Smith Colleges	STATEWIDE	Statewide	Environmental Research, Mercury Dynamics in Finger Lak	167,894.00
	Home Depot USA., Inc.	STATEWIDE	Statewide	Flexible Technical Assistance Program, FlexTech Program - PON	49,583.50
	Home Innovation Research Labs, Inc.	STATEWIDE	Statewide	Advanced Buildings, Extended Plate & Beam Wall Sys	100,000.00
	Honeywell International Inc.	STATEWIDE	Statewide	Empower, Program Implementation Service	3,986,379.31
	Huttner Strategies	STATEWIDE	Statewide	Innovation, Digester Investment Summit	49,500.00
	IBM - East Fishkill Site	STATEWIDE	Statewide	Industrial Process Efficiency Program, Industrial Process Efficiency	1,737,051.92
	IBM Corporation	STATEWIDE	Statewide	Industrial Process Efficiency Program, Industrial Process Efficiency	525,294.96
	ICF Resources, LLC	STATEWIDE	Statewide	Market Pathways, Impl of Lighting Mid Partners	780,829.00
				Market Pathways, Implementation contractor for	254,431.00
	Industrial Exhibit Authority	STATEWIDE	Statewide	ADMIN, 2015 NYS Fair Exhibit	8,199.75
	,			Renewable Heat NY, 2015 NYS Fair Exhibit	213.25
	Institute for Building Technology and Sa	STATEWIDE	Statewide	Advanced Energy Codes, SBC IV Energy Code Training	897,133.00
	3			Green Jobs Green New York Revolving Loan Fund, Training, Fiel	8,218.75
	International Electronic Machines Corp.,	STATEWIDE	Statewide	Clean Transportation, Noncontact Elect. Wheel Gauge	250,000.00
	J P Morgan Chase Bank	STATEWIDE	Statewide	Industrial Process Efficiency Program, Industrial Process Efficiency	53,962.50
	JCB Specialties, Inc.	STATEWIDE	Statewide	Marketing, PSC NYS Fair supplies	29,603.68
	John E. Batey	STATEWIDE	Statewide	Environmental Research, science advisor support env	20,000.00
	Johnson Controls, Inc. (Syracuse)	STATEWIDE	Statewide	Existing Facilities Program, EFP2448 - Johnson Controls	58,280.64
	JP Morgan Chase	STATEWIDE	Statewide	Industrial Process Efficiency Program, Industrial Process Efficiency	405,669.85
	Karpman Consulting, LLC	STATEWIDE	Statewide	Advanced Energy Codes, Energy Code Support Services	74,816.00
	KEMA Services, Inc.	STATEWIDE	Statewide	Market Pathways, Implementation Contractors for	446,577.00
	Kroll Bond Rating Agency, Inc.	STATEWIDE			165,000.00
	L&S Energy Services, Inc.	STATEWIDE	Statewide Statewide	Green Jobs Green New York Revolving Loan Fund, \$75000 fee pl Combined Heat and Power, FlexTech Consultant Selection	11,139.00
	Las Lifergy Services, Inc.	STATEWIDE	Statewide		7,725.00
	10.00	OTATEIA#DE	01-1	New Construction Program, Technical Assistance Services.	
	LC DRives	STATEWIDE	Statewide	Innovation Capacity & Business Development, Wind Turbine Gen	200,000.00
	Lionano Inc.	STATEWIDE	Statewide	Clean Transportation, Advanced Transportation Tech	149,931.00
	Massachusetts Institute of Technology	STATEWIDE	Statewide	Research and Development, 2015-2016Annual MIT Membership	5,000.00
	MicroGen Systems, Inc.	STATEWIDE	Statewide	Clean Transportation, Self powered TPMS	454,700.00
	mindSHIFT Technologies, Inc.	STATEWIDE	Statewide	Administration OH, Corporate Marketing	226,486.00
	Modern Grid Solutions	STATEWIDE	Statewide	Energy Analysis, Support MDPT working group	40,000.00
	Mohawk Adirondack & Northern RR Corp.	STATEWIDE	Statewide	Clean Transportation, Locomotive Idle Reduction Prog	25,000.00
				Locomotive Idle Reduction Prog	25,000.00
	NanoAnalytics Inc.	STATEWIDE	Statewide	Renewable Heat NY, Wood combustion nanoparticles	159,700.00
	NECEC Institute	STATEWIDE	Statewide	Innovation Capacity & Business Development, Cleantech Navigat	250,000.00
	NESCAUM	STATEWIDE	Statewide	Environmental Research, Analysis of Res Wood Heating	49,925.00
				Renewable Heat NY, Next Gen Test Methods Research	499,500.00
				Renewable Heat NY, Wood Pellet Standard	349,405.00
	NESEA	STATEWIDE	Statewide	Multifamily Performance Program, NESEA BuildingEnergy NYC C	12,500.00
	New Buildings Institute, Inc.	STATEWIDE	Statewide	Advanced Energy Codes, Energy Code Support Services	199,926.00
		STATEWIDE	Statewide	Flexible Technical Assistance Program, FlexTech MOU NYSERD	215,281.00
	New York Power Authority			•	
	· · · · · · · · · · · · · · · · · · ·	STATEWIDE	Statewide	Data and Markets, NYS Strategic Gasoline Reserve	475,000.00
	NIC Holding Corp Noresco LLC			Data and Markets, NYS Strategic Gasoline Reserve Flexible Technical Assistance Program, FlexTech Consultant Sel	
	NIC Holding Corp	STATEWIDE STATEWIDE STATEWIDE	Statewide Statewide Statewide	Data and Markets, NYS Strategic Gasoline Reserve Flexible Technical Assistance Program, FlexTech Consultant Sel Cleaner Greener Communities, CGC39588 - Riverdale	475,000.00 61,986.31 100,000.00

OC Region	n Contractor	County	Electric Utility	Project Description	Total Funde Amou
Statewide	Northeast Energy Efficiency Partnerships	STATEWIDE	Statewide	Energy Analysis, NEEP's 2015 Sponsorship	9,500.
				Existing Facilities Program, NEEP Sponsorship for DLC	50,000.
				Market Pathways, NEEP Sponsorship for Controls	33,300.
				Market Pathways, NEEP's 2015 Sponsorship	78,500.
				Multifamily Performance Program, NEEP's 2015 Sponsorship	4,500.
	Northeast States for Coordinated Air Use	STATEWIDE	Statewide	Environmental Research, Energy Related Air Quality	212,678.
	Novorocs Technologies LLC	STATEWIDE	Statewide	Innovation Capacity & Business Development, Advanced Clean P	493,110.
	Novus Engineering, P.C.	STATEWIDE	Statewide	New Construction Program, NCP TA Services	3,274.
	NYS OGS Utilities Management	STATEWIDE	Statewide	Environmental Research, Support for finalizing SGEIS	1,100,732.0
				Innovation, Support for finalizing SGEIS	78,653.
	O'Brien & Gere Engineers, Inc.	STATEWIDE	Statewide	Flexible Technical Assistance Program, FlexTech Consultant Sel	90,283.
	Opinion Dynamics Corporation	STATEWIDE	Statewide	Evaluation, Commercial Statewide Baseline	5,741,667.
	Optimal Energy Inc.	STATEWIDE	Statewide	Emerging Technology / Accelerated Commercializatio, Energy Sa	4,234.
	Pace University Energy & Climate Center	STATEWIDE	Statewide	Combined Heat and Power, Logistic Support for CHP	600,000.
	PowerHub Systems	STATEWIDE	Statewide	Clean Transportation, High Density SiC Power Convert	249,925.
	PrimaFilm LLC	STATEWIDE	Statewide	Advanced Buildings, Nano insulating window coating	336,000
	Pyramid Energy Engineering Services PLLC		Statewide	Environmental Research, M&V Guidance Doc Development	49,664.
	RadTech International North America Inc.	STATEWIDE	Statewide	Innovation Capacity & Business Development, UV-EB Conference	25,000.
			Statewide		
	Rasky Baerlein Strategic Communications	STATEWIDE		Administration OH, Communications Services for Re	150,000.
	Regents of the University of Michigan	STATEWIDE	Statewide	Environmental Research, Cloudwater Chemistry	40,000.
	RenewFund Finance, LLC	STATEWIDE	Statewide	New York Green Bank, Asset Loan & Investment	20,000,000
	Rensselaer Polytechnic Institute	STATEWIDE	Statewide	Clean Transportation, Modular Aerial Robots	75,000
				Innovation Capacity & Business Development, Advanced Clean P	200,000
	Rensselaer Polytechnic Institute-LRC	STATEWIDE	Statewide	Advanced Buildings, LRC Partners Program	60,000
				LRC Partners Program	60,000
	Research Foundation of CUNY	STATEWIDE	Statewide	Social media as incident mgmt	111,756
	Research Foundation of SUNY	STATEWIDE	Statewide	Advanced Buildings, Behavior Research & Energy Dec	99,936
				Renewable Heat NY, College Woodstove design team	74,899
	Richard E. Gibbs, Ph.D., P.E.	STATEWIDE	Statewide	Environmental Research, env program science advisor	20,000
	Rochester Institute of Technology	STATEWIDE	Statewide	Innovation Capacity & Business Development, photocatalytic CO	50,000
	Rocky Mountain Institute	STATEWIDE	Statewide	Energy Analysis, RMI support for REV proceeding	525,000
	Rural Ulster Preservation Company	STATEWIDE	Statewide	Green Jobs Green New York Revolving Loan Fund, Green Jobs	164,019
	Skipso Limited	STATEWIDE	Statewide	Innovation Capacity & Business Development, Cleantech social n	20,000
	SmartCloud Inc.	STATEWIDE	Statewide	Advanced Buildings, FastDR from Comm Bldgs	257,600
	SmartPower, Inc.	STATEWIDE	Statewide	New York Sun Program, SmartPower Spring '15	50,000
	Solar Promotion International GmbH	STATEWIDE	Statewide	New York Sun Program, 2015 Intersolar Summit USA Eas	15,000
	SolarCity Corporation	STATEWIDE	Statewide	Advanced Buildings, Battery Demo w/ Commercial PV	690,450
	Sperry Energy	STATEWIDE	Statewide	Research and Development, Innovation Advisory Services	250,000
	Stewart Title Insurance Company	STATEWIDE	Statewide	Green Jobs Green New York Revolving Loan Fund, Title Compan	133,333
	SUNY Buffalo	STATEWIDE	Statewide	Advanced Buildings, Climate Impacts on Buildings	100,000
	CONT Buildio	OTATEWIDE	otatewide	Energy Analysis, Climate Impacts on Buildings	100,000
	Custoirable CUNIV CUNIV/DE	CTATEMIDE	Ctatavida		12,000
	Sustainable CUNY CUNY/RF	STATEWIDE	Statewide	New York Sun Program, 2015 New York Solar Summit	80,000
	Sustainable Energy Advantage, LLC	STATEWIDE	Statewide	NY Sun, Renewable Portfolio Standard T	
	Syracuse Chapter of the Construction	STATEWIDE	Statewide	Advanced Energy Codes, 2015 CSI Innovation	5,000
	Syracuse University	STATEWIDE	Statewide	Environmental Research, Environment Research	4,000
				Environmental Research, Nutrient Dynamics in the ADKs	40,000
	T.Y. Lin International	STATEWIDE	Statewide	Advanced Energy Codes, Energy Code Support Services	1,905,876
	Tabors Caramanis Rudkevich Inc.	STATEWIDE	Statewide	Energy Analysis, Competitive Electricity Market	576,200
	Tech Valley Talent, LLC	STATEWIDE	Statewide	Empower, RES QACSS Development	100,000
	Tetra Tech, Inc.	STATEWIDE	Statewide	Outside Technical and Eng. Srv	84,500
	Texas A&M	STATEWIDE	Statewide	Advanced Buildings, Behavior Research & Energy Dec	97,246
	The Cadmus Group, Inc.	STATEWIDE	Statewide	Quality Assurance Services for	1,229,614
	The City College of New York	STATEWIDE	Statewide	Environmental Research, Optical Assessment of CMAQ	40,000
	The Research Foundation for the State	STATEWIDE	Statewide	Clean Transportation, Real-time subway information	75,000
	The Sanborn Map Company, Inc.	STATEWIDE	Statewide	West Valley Development Program, High Resolution LIDAR	292,862
	The SKM Marketing Group, LLC	STATEWIDE	Statewide	Clean Transportation, Corporate Marketing	4,500
	The Trustees of Columbia University	STATEWIDE	Statewide	Energy Analysis, Buildings Climate Adaptation	287,737
	,			Environmental Research, Response of Ozone to NOx	20,000
	Thermal Solution Resources, LLC	STATEWIDE	Statewide		223,293
				Advanced Buildings, Advanced Buildings Technology	1,667,794
	Time Warner Cable Enterprises, LLC	STATEWIDE	Statewide	Industrial Process Efficiency Program, Industrial Process Efficiency	
	Transportation Power, Inc.	STATEWIDE	Statewide	Advanced Clean Power Tech	684,497
	TRC Energy Services	STATEWIDE	Statewide	Flexible Technical Assistance Program, FlexTech Consultant Sel	51,453
	Troy Web Consulting, LLC	STATEWIDE	Statewide	Energy Analysis, SEP Comment Website	20,000
	Trust for Conservation Innovation	STATEWIDE	Statewide	Advanced Energy Codes, Energy Code Support Services	250,637
				6,7 . 6,7	

EDC Region	Contractor	County	Electric Utility	Project Description	Total Fund Amo
tatewide	United Semiconductors, LLC	STATEWIDE	Statewide	Advanced Buildings, Advanced Buildings Technology	100,000
	University of Rochester	STATEWIDE	Statewide	Annual Support for Laboratory	750,000
	US Green Building Council	STATEWIDE	Statewide	Smart Grid Systems, PEER Fundamentals Training	12,500
	Varun Sivaram	STATEWIDE	Statewide	Energy Analysis, Consulting Services	32,175
	Veeder Hospitality Management, LLC	STATEWIDE	Statewide	Multifamily Performance Program, 2015 LIFE Regional Saratoga	220
	Vote Solar	STATEWIDE	Statewide	Innovation, Innovation - CleanTransportat	109,207
				Workforce Development, Innovation - CleanTransportat	109,207
	Warren Pinnacle Consulting, Inc.	STATEWIDE	Statewide	Energy Analysis, SLAMM adaptation	266,400
	Water Environment Research Foundation	STATEWIDE	Statewide	Environmental Research, Cofunding energy R&D projects.	500,000
	Weaver Wind Energy, LLC	STATEWIDE	Statewide	Innovation Capacity & Business Development, Weaver Wind 15k	839,057
	Willdan Energy Solutions	STATEWIDE	Statewide	Combined Heat and Power, C&I Outreach	15,611
				Emerging Technology / Accelerated Commercializatio, Technical	65,636
				Existing Facilities Program, Technical Review and Program S	156,648
				Industrial Process Efficiency Program, Technical Review and Pro	105,000
	William F.Fitzgerald	STATEWIDE	Statewide	Environmental Research, Environment Research	12,441
	Yale Robbins Publications, LLC	STATEWIDE	Statewide	Combined Heat and Power, 2016 Cooperator Co-op & Condo	15,000
	Zone 5, Inc.	STATEWIDE	Statewide	Administration OH, RFQL and RFP 1224	170,000
	Total				88,905,341
Vestern New	3M Company	ERIE	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	104,610
ork	90 Huntington Associates Inc.	ERIE	National Grid	Multifamily Performance Program, NYSERDA Administration	24,600
	American Solar Partners, LLC	ERIE	National Grid	New York Sun Program, NY-Sun	17,556
		NIAGARA	National Grid	New York Sun Program, NY-Sun	10,584
	Antares Group, Inc.	ERIE	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	12,152
	Apex Solar Power LLC	ALLEGANY	National Grid	New York Sun Program, NY-Sun	18,900
				*	1,314,701
	Argos Solar, LLC	ERIE	National Grid	NY Sun- Competitive PV, PV System @ Cornell - Geneva	25.056
	Astrum Solar, Inc.	CATTARAUGUS	National Grid	New York Sun Program, NY-Sun	-,
		ERIE	National Grid	New York Sun Program, NY-Sun	31,13
			NYS Electric and Gas	New York Sun Program, NY-Sun	32,84
		NIAGARA	National Grid	New York Sun Program, NY-Sun	31,95
	Bergmann Associates	CATTARAUGUS	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	5,55
		ERIE	NYS Electric and Gas	Industrial Process Efficiency Program, Technical Review and Pro	5,00
	BG Robinson Stop II LLC	NIAGARA	National Grid	New Construction Program, NCP11890 - The LaSalle Center	15,073
	Bison Bag	NIAGARA	NYS Electric and Gas	New Construction Program, NCP12718 - Bison Bag Company	66,702
	BTC Block 1/21, Inc.	ERIE	National Grid	New Construction Program, NCP10815 - Uniland Development	167,49
	Buffalo Niagara Medical Campus, Inc.	ERIE	National Grid	Smart Grid Systems, Buffalo Niagara Medical Campus	100,00
	C.J. Brown Energy, P.C.	ERIE	National Grid	Combined Heat and Power, FlexTech Consultant Selection	19,50
			NYS Electric and Gas	Flexible Technical Assistance Program, FlexTech Consultant Sel	6,82
	Captive Plastics LLC	CHAUTAUQUA	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	244,65
	CHA Consulting Inc.	CHAUTAUQUA	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	76
		ERIE	National Grid	Existing Facilities Program, Technical Review and Program S	2,90
				Industrial Process Efficiency Program, Technical Review and Pro	5,80
		NIAGARA	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	39,77
	CIR ELECTRICAL CONSTRUCTION	CATTARAUGUS	National Grid	New York Sun Program, NY-Sun	9,76
	CORP.	ERIE	National Grid	New York Sun Program, NY-Sun	64,77
			NYS Electric and Gas	New York Sun Program, NY-Sun	40,47
		NIAGARA	National Grid	New York Sun Program, NY-Sun	14,01
	City of Buffalo	ERIE	National Grid	Cleaner Greener Communities, CGC30922 - City of Buffalo	125,00
	City of Buffalo Board of Education	ERIE	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	89,01
	City of Buffalo, Department of Public W	ERIE	National Grid	Smart Grid Systems, City of Buffalo NY Prize	100,00
					85.00
	City of Jamestown	CHAUTAUQUA	Municipal Utilities	Smart Grid Systems, City of Jamestown NY Prize	
	Clough, Harbour & Associates, LLP	ERIE	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	8,70
	Collegiate Builders	ERIE	National Grid	New York Sun Program, NY-Sun	15,78
			NYS Electric and Gas	New York Sun Program, NY-Sun	5,82
		NIAGARA	National Grid	New York Sun Program, NY-Sun	7,38
	Covanta Energy	NIAGARA	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	1,000,00
	D'Youville College	ERIE	National Grid	New Construction Program, NCP12098 - School of Arts and	44,75
		CHAUTAUQUA	National Grid	New York Sun Program, NY-Sun	5,60
	David Moller			Anicultura Francis Efficiency December Anicultura Francis Efficie	2,92
	David Moller Dennis Willebrandt	CHAUTAUQUA	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	-,
			National Grid	Clean Transportation, NYS Compressed Natural Gas	
	Dennis Willebrandt	CHAUTAUQUA			300,00
	Dennis Willebrandt Diamond Builders Corp Dick's Sporting Goods c/o Coleman Hines	CHAUTAUQUA CHAUTAUQUA	National Grid	Clean Transportation, NYS Compressed Natural Gas	300,00 23,30
	Dennis Willebrandt Diamond Builders Corp Dick's Sporting Goods c/o Coleman Hines Ecology and Environment Engineering, PC	CHAUTAUQUA CHAUTAUQUA ERIE ERIE	National Grid National Grid NYS Electric and Gas	Clean Transportation, NYS Compressed Natural Gas New Construction Program, NCP13000 - Dick's Sporting Goo Cleaner Greener Communities, CGC Implementation Contractor	300,00 23,30 1,144,47 11,15
	Dennis Willebrandt Diamond Builders Corp Dick's Sporting Goods c/o Coleman Hines Ecology and Environment Engineering, PC Energy & Resource Solutions, Inc.	CHAUTAUQUA CHAUTAUQUA ERIE ERIE ERIE	National Grid National Grid NYS Electric and Gas National Grid	Clean Transportation, NYS Compressed Natural Gas New Construction Program, NCP13000 - Dick's Sporting Goo Cleaner Greener Communities, CGC Implementation Contractor Existing Facilities Program, Technical Review and Program S	300,00 23,30 1,144,47 11,15
	Dennis Willebrandt Diamond Builders Corp Dick's Sporting Goods c/o Coleman Hines Ecology and Environment Engineering, PC	CHAUTAUQUA CHAUTAUQUA ERIE ERIE	National Grid National Grid NYS Electric and Gas	Clean Transportation, NYS Compressed Natural Gas New Construction Program, NCP13000 - Dick's Sporting Goo Cleaner Greener Communities, CGC Implementation Contractor	300,00 23,30 1,144,47

-	Contractor	County	Electric Utility	Project Description	Total F A
New	Freedom Solar Inc.	NIAGARA	National Grid	New York Sun Program, NY-Sun	7,
rk			NYS Electric and Gas	New York Sun Program, NY-Sun	5,
	Frey Electric Contruction Co., Inc.	ERIE	National Grid	New York Sun Program, NY-Sun	6,
	Geotherm Inc.	NIAGARA	National Grid	New York Sun Program, NY-Sun	12,
	Gerster Sales & Service, Inc.	NIAGARA	National Grid	Existing Facilities Program, EFP2597 - Gerster Sales Servic	6,
	GZA GeoEnvironmental of New York	CATTARAUGUS	National Grid	West Valley Development Program, Trench 14 Investigation	30,
	HELP Buffalo, LLC	ERIE	National Grid	Multifamily Performance Program, Multifamily	47,
	Hydronic Specialty Supply	CHAUTAUQUA	NYS Electric and Gas	RHNY cordwood incentive	10
	IBC Engineering PC	ERIE	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	427
	Kaleida Health	ERIE	National Grid	New Construction Program, NCP11344 - Women & Children's	158
	Kenmore Mercy Hospital	ERIE	National Grid	New Construction Program, NCP11713 - Kenmore Mercy Hospi	7
	Kreher's Farm Fresh Eggs, LLC	ERIE	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	24
	L&S Energy Services, Inc.	ERIE	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	3
	LaBella Associates, P.C.	CATTARAUGUS	National Grid	Industrial Process Efficiency Program, Technical Review and Pro	25
					235
	Lockport Ice Arena & Sports Center, Inc.	NIAGARA	NYS Electric and Gas	New Construction Program, NCP11635 - Lockport Ice Arena	
	Lockwood's Greenhouse & Farm LLC	ERIE	NYS Electric and Gas	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	47
	M/E Engineering, P.C.	ERIE	National Grid	Flexible Technical Assistance Program, FlexTech Consultant Sel	26
				New Construction Program, Technical Assistance Services	52
	McMahon and Mann Consulting Engineers	CATTARAUGUS	National Grid	West Valley Development Program, Engineering/Surveying Cont	50
	MJW Technical Services, Inc.	CATTARAUGUS	National Grid	Radiation Protection Support	80
				West Valley Development Program, Radiation Protection Support	147
	Monolith Solar Associates, LLC	CHAUTAUQUA	National Grid	New York Sun Program, NY-Sun	2,000
		ERIE	NYS Electric and Gas	New York Sun Program, NY-Sun	579
	Natale Builders	ERIE	NYS Electric and Gas	Home Performance with Energy Star, Codes & New Construction	17
	New York Power Authority	ERIE	National Grid	Flexible Technical Assistance Program, FlexTech MOU NYSERD	117
	,	NIAGARA	National Grid	Flexible Technical Assistance Program, FlexTech MOU NYSERD	22
	Niagara Falls Bridge Comm.	NIAGARA	National Grid	New Construction Program, NCP12433 - Duty Free Shop	17
		ERIE	National Grid		299
	Niagara Wind & Solar Inc			Integrated Corridor Management	
	Niagara Wind & Solar Inc.	CHAUTAUQUA	National Grid	Small Wind, Wind Turbine Incentive	229
		ERIE	National Grid	Small Wind, Wind Turbine Incentive	184
	Nichols Farm	CATTARAUGUS	National Grid	New Construction Program, NCP12742 - Milking Parlor	9
	NRG Residential Solar Solutions, LLC	ERIE	National Grid	New York Sun Program, NY-Sun	109
			NYS Electric and Gas	New York Sun Program, NY-Sun	32
		NIAGARA	National Grid	New York Sun Program, NY-Sun	57
	NRP Contractors LLC	ERIE	National Grid	Home Performance with Energy Star, RES-New Const & Adv Tech	11
				New York ENERGY STAR Homes, RES-New Const & Adv Tech	106
	NYS Department of Education	CATTARAUGUS	National Grid	New Construction Program, NCP11903 - Ellicottville CSD G	15
	Olin Corporation	NIAGARA	National Grid	Industrial Process Efficiency Program, Industrial Process Efficiency	10,882
	Orchard Park Central School District	ERIE	NYS Electric and Gas	Clean Transportation, Clean Air School Bus Program.	13
	Parkview Apartments of Buffalo, LLC	ERIE	National Grid	Multifamily Performance Program, Multifamily	26
	Pathfinder Engineers & Architects, LLP	CHAUTAUQUA	National Grid	New Construction Program, Technical Assistance Services	13
	. daminaci Enginosio di Atomicoto, EE	0.11.01.1000.1	radional ond	Technical Assistance Services	8
	Deffects Estandard Inc.	EDIE	N-CI O-M		18
	Rafferty Enterprises, Inc.	ERIE	National Grid	Administration OH, Temp Employee Services	
	RE McNamara Enterprise Inc	ERIE	NYS Electric and Gas	New York Sun Program, NY-Sun	6
	Richardson Center Corporation	ERIE	National Grid	New Construction Program, NCP11581 - Richardson Olmsted	46
	Rite Aid Corp	CHAUTAUQUA	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	2
		ERIE	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	54
			NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY	26
		NIAGARA	National Grid	Existing Facilities Program, EFP1841 - Rite Aid of NY	14
			NYS Electric and Gas	Existing Facilities Program, EFP1841 - Rite Aid of NY	8
	Roger TenPas	CHAUTAUQUA	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	25
	Rolling Meadows Farm LLC	ERIE	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	44
	Roswell Park Cancer Institute	ERIE	National Grid	New Construction Program, NCP10757 - Clinical Sciences C	105
	Rural Generation & Wind (Rodney Weaver)	CHAUTAUQUA	National Grid	Small Wind, Wind Turbine Incentive	6
	constation a rand (roundy reduct)	ERIE	National Grid		23
	Duch Around Acres			New York Sun Program, NY-Sun	
	Rush Around Acres	ERIE	National Grid	Agriculture Energy Efficiency Program, Agriculture Energy Efficie	67
	Russell Farms Inc	NIAGARA	National Grid	New Construction Program, NCP12243 - Russell Farms Stora	98
	Seal & Design, Inc.	ERIE	NYS Electric and Gas	New Construction Program, NCP12110 - Seal and Design Inc	7
	Seneca Nation	CATTARAUGUS	Municipal Utilities	Smart Grid Systems, Cityof Salamanca Seneca Nation	100
	Seven Springs West LLC	CATTARAUGUS	National Grid	West Valley Development Program, Operations and Maintenance	715
	SLR Contracting & Service Company, Inc.	CATTARAUGUS	National Grid	West Valley Development Program, Operations and Maintenance	1,093
		ERIE	NYS Electric and Gas	New York Sun Program, NY-Sun	6
	Solar and Wind FX, Inc. (Chris Schaefer)				
	Solar and Wind FX, Inc. (Chris Schaefer) Solar Liberty Energy Systems, Inc	ALLEGANY	National Grid	New York Sun Program, NY-Sun	6
			National Grid National Grid	New York Sun Program, NY-Sun New York Sun Program, NY-Sun	6, 17,

ergy Systems, Inc	CHAUTAUQUA	Municipal Utilities National Grid	NY-Sun Incentive Program	Amount 14,640.00
	FDIE	National Grid		
	EDIE		New York Sun Program, NY-Sun	28,826.00
	EDIE	NYS Electric and Gas	New York Sun Program, NY-Sun	13,275.00
	ERIE	National Grid	New York Sun Program, NY-Sun	162,124.00
		NYS Electric and Gas	New York Sun Program, NY-Sun	117,848.00
	NIAGARA	National Grid	New York Sun Program, NY-Sun	103,555.00
		NYS Electric and Gas	New York Sun Program, NY-Sun	5,124.00
n, LLC	CHAUTAUQUA	National Grid	New York Sun Program, NY-Sun	18,525.00
ration	ERIE	National Grid	New York Sun Program, NY-Sun	5,824.00
ting Services, Inc.	NIAGARA	National Grid	New Construction Program, Technical Assistance Services	7,586.00
			Technical Assistance Services	2,586.00
	ERIE	National Grid	NY Sun- Competitive PV, SteelSun 2 Canisius College 3	1,460,163.00
lopment, LLC	ERIE	NYS Electric and Gas	New York Sun Program, NY-Sun	11,550.00
of Technology @ Alfred	ALLEGANY	Municipal Utilities	New Construction Program, NCP11845 - Sustainable Advance	7,917.50
V, -		NYS Electric and Gas	Existing Facilities Program, Commercial	14,778.00
n Foundation	ALLEGANY	NYS Electric and Gas	Environmental Research, Technical Services for BERDC	50,000.00
ergy Developments Inc.	CHAUTAUQUA	National Grid	Small Wind, Wind Turbine Incentive	1,000,000.00
	ERIE	NYS Electric and Gas	New York Sun Program, NY-Sun	9,464.00
ration	ERIE	National Grid	Home Performance with Energy Star, Codes & New Construction	7,700.00
			New York ENERGY STAR Homes, Codes & New Construction	69,300.00
qu	CATTARAUGUS	National Grid	West Valley Development Program, Facilitation Services	77,595.00
anies, Inc.	ERIE	NYS Electric and Gas	New Construction Program, NCP13129 - TJ Maxx East Aurora	5,350.00
olar Developments, LLC	ERIE	National Grid	New York Sun Program, NY-Sun	289,608.00
son LLC	ERIE	National Grid	New Construction Program, NCP11909 - Tonawanda Pirson, L	125,882.00
oject I, LLC	CHAUTAUQUA	National Grid	Small Wind, Wind Turbine Incentive	205,751.00
,	ERIE	National Grid	Small Wind, Wind Turbine Incentive	78,673.00
		NYS Electric and Gas	Small Wind, Wind Turbine Incentive	155,055.00
	NIAGARA	National Grid	Small Wind, Wind Turbine Incentive	39,787.00
C.	CHAUTAUQUA	National Grid	Small Wind, Wind Turbine Incentive	40,923.00
	ERIE	National Grid	Small Wind, Wind Turbine Incentive	79,224.00
	NIAGARA	National Grid	Small Wind, Wind Turbine Incentive	38,677.00
	ERIE	NYS Electric and Gas	New Construction Program, Technical Assistant Services	14,211.00
	LINE	TVTO Electric and Gas	Technical Assistant Services	9,211.00
ield Electric Dept	CHAUTAUQUA	Municipal Utilities	Smart Grid Systems, NY Prize Village of Westfield	96,933.00
C.	ALLEGANY	Rochester Gas and Electric	New York Sun Program, NY-Sun	5,951.00
J.	NIAGARA	National Grid	New York Sun Program, NY-Sun	6,867.00
	ERIE	National Grid	• •	14,018.87
s Energy Systems Inc.		National Grid	Existing Facilities Program, EFP2317 - Walgreen Multiple	1,473,387.00
s Lifelgy Systems inc.	CHAUTAUQUA ERIE		NY Sun- Competitive PV, New York Sun Competitive PV Pr	210,655.00
	LNIL	National Grid NYS Electric and Gas	NY Sun- Competitive PV, Competitive PV Program - Macy	309,132.00
DA Dailmand	CATTADALICUS		NY Sun- Competitive PV, Competitive PV Program - Macy	50,000.00
A Railloau	CATTARAUGUS	National Grid		
///	EDIE	NN/O Flootic and Occ		50,000.00
-				237,600.00
			•	7,740.00
n incorporated	ERIE	National Grid	New York Sun Program, NY-Sun	11,106.00
				30,966,215.65 360,050,142.36
/i	A Railroad Ilage LLC tral School District Incorporated	llage LLC ERIE tral School District ERIE	A Railroad CATTARAUGUS National Grid Ilage LLC ERIE NYS Electric and Gas tral School District ERIE National Grid	A Railroad CATTARAUGUS National Grid Clean Transportation, Western NY & PA RR: locomotive

NYSERDA Public Authority Law Report April 1, 2015 to September 30, 2015

Section Break

Contractor	Project Description	Total Expended Amount
1st Light Energy, Inc.	New York Sun Program, NY-Sun	160,931
	New York Sun Program, PV Incentive Program	103,576
	Residential PV, PV Incentive Program	97,112
	Residential PV, RES-New Const & Adv Tech	433,894
4 NYP Ventures LLC	Industrial Process Efficiency Program, Industrial Process Efficiency	37,000
11 Madison Avenue LLC	Flexible Technical Assistance Program, FlexTech - PON1746	17,425
21C4E, Inc.	New York Sun Program, Solarize Spring 2015	5,000
24 West 57 APF LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	6,650
24th Street LIC, LLC	Multifamily Performance Program, Multifamily	189,450
33 Greenwich Owners Corp	Multifamily Performance Program, Multifamily	45,300
44th Street Development LLC	New Construction Program, NCP10039 - Gotham West (44th S	244,023
45-18 LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	5,000
90 Huntington Associates Inc.	Multifamily Performance Program, Multifamily	79,570
92 Equities, LLC	Multifamily Performance Program, Multifamily	20,300
110-114 Union Street Associates LLC	Multifamily Performance Program, Multifamily	40,000
125 Maiden Lane Condominium	Existing Facilities Program, Existing Facilities Program	31,694
130 West 42nd Street Development Owner,	Flexible Technical Assistance Program, FlexTech Program - PON1746	11,500
133 Equities, LLC	Multifamily Performance Program, Multifamily	60,000
144 West 27th Street Condominium	Green Jobs Green New York Revolving Loan Fund, Multifamily	1,260
	Multifamily Performance Program, Multifamily	7,140
170 Broadway NYC LP	New Construction Program, NCP10818 - 170 Broadway	104,770
184 Clarkson Realty LLC	Green Jobs Green New York Revolving Loan Fund, Multifamily	5,325
•	Multifamily Performance Program, Multifamily	30,175
285 Madison Owner, LLC	New Construction Program, NCP11587 - 285 Madison Ave	68,845
329 Lincoln Road Associates, LP	Multifamily Performance Program, Multifamily	0
345 Montgomery Owners Corp	Multifamily Performance Program, Multifamily	30,600
400 Central Park West Condominium	Multifamily Performance Program, Multifamily	0
408 West 57th Owners Corp	Green Jobs Green New York Revolving Loan Fund, Multifamily	7,613
	Multifamily Performance Program, Multifamily	43,138
421 Degraw LLC	Multifamily Performance Program, Multifamily Program	2,250
425 Lexington Realty Company LLC	Flexible Technical Assistance Program, FlexTech Program - Pon 1746	38,300
548 4th LLC	Multifamily Performance Program, Multifamily	11,648
598 Madison Leasing Corporation	Flexible Technical Assistance Program, Flex Tech - PON1746	17,243
605-609 Realty, LLC	Green Jobs Green New York Revolving Loan Fund, Multifamily	2,205
ood ood redaily, 220	Multifamily Performance Program, Multifamily	27,195
706 North Clinton LLC	New Construction Program, NCP11775 - 706 North Clinton R	11,359
770 Electric Corp.	New York Sun Program, RES-New Const & Adv Tech	21,679
·	Fuel NY, GSP00534 - 850 Corona Enterpri	10,000
850 Corona Enterprise Inc.	Multifamily Performance Program, Multifamily	68,600
875 W.E. Apartment Corp.	3 7 3	
1020 Carroll Place LLC	Multifamily Performance Program, Multifamily	10,000
1050 Udall Road Corp.	Fuel NY, GSP00228 - 1050 Udall Road Cor	7,200
1070 Washington Land Owner, LLC	Multifamily Performance Program, Multifamily	28,832
1150 Realty LLC	Multifamily Performance Program, Multifamily	14,401
1185 Straight Path Corp.	Fuel NY, GSP00397-001 - 1185 Straight P	9,964
4044 Cth Avenue Ducant Comment 11 C	Fuel NY, GSP00397-002 - 1185 Straight P	9,964
1211 6th Avenue Property Owner, LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	8,500
1275 John Street LLC	New Construction Program, NCP13147 - 1275 John Street Bu	5,598
1350 LLC	Flexible Technical Assistance Program, FT10372-SL Green - 1350 Aven	37,375
2000 North Corp.	Fuel NY, GSP00564 - 2000 North Corp.	13,000
2404 BCH OWNERS LLC	Multifamily Performance Program, Multifamily	74,00

Contractor	Project Description	Total Expended Amount
2468 Group Inc	New Construction Program, NCP12732 - Rite Aid Brockport	6,900
2530 Foster Partners LLC	Multifamily Performance Program, Multifamily	24,000
3349 Webster Avenue Associates LLC	Multifamily Performance Program, Multifamily	0
4761 Broadway Assoc LLC	Multifamily Performance Program, Multifamily	18,004
A.T. Kearney	Energy Analysis, Reforming the Energy Vision De	1,320,000
AB Petro Inc.	Fuel NY, GSP00567 - AB Petro Inc.	8,657
Absolutely Energized Solar Electric Inc	Residential PV, New York Sun Competitive PV Pr	69,852
Abt SRBI, Inc.	Evaluation, Survey Data Collection Contrac	129,529
	Green Jobs Green New York Revolving Loan Fund, Survey Data Collect	154,257
Accord Power, Inc.	New York Sun Program, PV Incentive Program	14,180
	New York Sun Program, RES-New Const & Adv Tech	3,525
Ace Hardware Corporation	Existing Facilities Program, EFP2256 - Ace Hardware Corpora	103,647
Actasys	Clean Transportation, Active Flow Control for Traile	186,029
Action Research Inc.	Advanced Buildings, Behavior Research Pilot Design	25,702
	Clean Transportation, Behavior Research Pilot Design	5,608
Active Solar Development, LLC	New York Sun Program, NY-Sun	51,202
	New York Sun Program, RES-New Const & Adv Tech	29,630
	PV Incentive Program	31,416
	Renewable Thermal, NY-Sun	42,965
	Renewable Thermal, RES-New Const & Adv Tech	171,977
	Workforce Development, PON2033-3	18,100
Adam C. Boese	Flexible Technical Assistance Program, FlexTech Consultant Selection	45,039
	Green Jobs Green New York Revolving Loan Fund, Daylight Savings C	165,670
Adam Hainer	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	11,648
Adam Pushlar Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	11,595
Adirondack North Country Association	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	36,815
•	New York Sun Program, Solarize Spring 2015	15,000
Advanced Climate Technologies, LLC	Advanced Buildings, ACT Pellet Boiler Enhancements	62,500
-	Advanced Buildings, Adaptation-Enhancement of Euro	14,000
Advanced Solar Products, Inc.	Residential PV, New York Sun Competitive PV Pr	97,104
Advantage Title Agency, Inc.	Green Jobs Green New York Revolving Loan Fund, Title Company in S	12,277
Aegis Energy Services Inc.	Combined Heat and Power, Bay Club #1 West Tower CHPA	90,450
	Combined Heat and Power, Bay Club #2 East Tower CHPA	422,138
	Combined Heat and Power, Bay Club #3 Main CHPA	-87,863
	Combined Heat and Power, CHPA - 2 Tudor City	87,863
	Combined Heat and Power, CHPA - Dorado Apartments	44,550
	Combined Heat and Power, CHPA - Gramercy House	44,550
	Combined Heat and Power, CHPA - Hayden on the Hudson	59,400
	Combined Heat and Power, CHPA - Madison House	44,550
	Combined Heat and Power, The Kyoto Building CHP	99,495
Aegis Wind LLC	Small Wind, Wind Turbine Incentive	54,576
Aeonsolar	New York Sun Program, RES-New Const & Adv Tech	13,110
	Residential PV, RES-New Const & Adv Tech	85,632
Aero Conditioner Company, LLC	Clean Transportation, Innovation - Buildings	21,024
Affordable Housing Partnership	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	69,779
, are reason from the first of	New Construction Program, NCP11506 - Dennis Group (Agran	178,186
Agrana Fruit IIS Inc		170,100
-		20 000
Agrana Fruit US, Inc. Air Innovations, Inc. Air Liquide	Clean Transportation, Commercialization Option Progr	20,000 65 478
		20,000 65,478 28,696

Contractor	Project Description	Total Expended Amount
AKF-engineers	Flexible Technical Assistance Program, FlexTech Consultant Selection	63,540
Alan B. Foster D.B.A.	Multifamily Performance Program, Multifamily	67,400
Albany Energy, LLC	Large Scale Renewables, Albany 2	164,510
	Large Scale Renewables, Albany Energy LLC	40,373
Albany Engineering Corp.	Large Scale Renewables, Mechanicville Hydro	170,800
	Large Scale Renewables, Stuyvesant Falls Hydroelectric	85,244
Albany Housing Authority	Home Performance with Energy Star, RES-New Const & Adv Tech	800
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	7,200
Albany Law School Government Law Center	Clean Transportation, Albany Law School STLC Proposa	6,902
	Innovation Capacity & Business Development, Albany Law School STL	23,098
Albany Medical Center Hospital	Existing Facilities Program, PON1219EE3	600,000
Albert V. Nurse	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	5,893
Alice Hyde Medical Center	New Construction Program, NCP12172 - Alice Hyde Nursing	30,000
All HVAC Service Co.	Existing Facilities Program, EFP2332 - 58-38 Page PI	2,935
All Systems Cogeneration, Inc.	Combined Heat and Power, CHPA - Shoreview Nursing & Reh	65,340
	Existing Facilities Program, Existing Facilities Program PO	96,332
All-State Air Control Sales & Service	Workforce Development, PON 2033-3	7,200
Alliance Cooperative Energy LLC	New York Sun Program, NY-Sun	10,371
Alliance for Green Heat	Renewable Heat NY, Energy and Environmental Perfo	34,250
Alliance for Housing Inc.	Combined Heat and Power, CHP Demo at Seaside Plaza	2,875
·	Multifamily Performance Program, Multifamily	181,531
Alliance Homes	Home Performance with Energy Star, RES-New Const & Adv Tech	3,350
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	30,150
Allied Frozen Storage	Existing Facilities Program, EFP2323- Allied Mount Morris	17,502
Allied West Farms (NY) LLC	Multifamily Performance Program, Multifamily	94,800
Alta East	Fuel NY, GSP00788 - Alta East, Inc.	7,756
Alta Planning + Design	Clean Transportation, ADVANCED TRANSPORTATION TECHNO	50,934
Alteris Renewables	New York Sun Program, NY-Sun	11,248
	New York Sun Program, RES-New Const & Adv Tech	102,044
Alteris Renewables Inc.	NY Sun- Competitive PV, RPS CST Regional Program	114,957
	Residential PV, RPS CST Regional Program	53,892
Alternative Power Solutions of NY, LLC	New York Sun Program, NY-Sun	133,331
,	New York Sun Program, PV Incentive Program	6,727
	New York Sun Program, RES-New Const & Adv Tech	103,628
AltPOWER, Inc.	New York Sun Program, RES-New Const & Adv Tech	43,376
Amberjack Solar Energy LLC	New York Sun Program, NY-Sun	102,500
Ambrosino, DePinto & Schmieder	Innovation, Technical Assistance Services	2,845
	New Construction Program, Technical Assistance Services	110,171
AMERESCO, Inc.	Existing Facilities Program, EFP2241-Ameresco - Spackenkill	156,976
American Biogas Conditioning LLC	Clean Transportation, Commercialization Option Progr	10,800
American Energy Care, Inc.	New York Sun Program, NY-Sun	41,252
Tanonican Energy care, mer	New York Sun Program, PV Incentive Program	10,162
		49,725
American Fuel Cell	New York Sun Program, RES-New Const & Adv Tech Clean Transportation, NY-BEST Bench-to-Prototype	50,000
American Organic Energy, LLC	Cleaner Greener Communities, CGC31123 - AO Energy	169,821
American Renewable Energy, Inc.		5,297
Amondan Kenewasie Ellergy, Illo.	New York Sun Program, PV Incentive Program Residential RV, RES New Const & Adv Tech	44,833
American Solar Partners III C	Residential PV, RES-New Const & Adv Tech	
American Solar Partners, LLC	Green Jobs Green New York Revolving Loan Fund, PON 2033 OJT	10,407
	New York Sun Program, NY-Sun	29,301
	New York Sun Program, PV Incentive Program	24,400

Contractor	Project Description	Total Expended Amount
American Solar Partners, LLC	New York Sun Program, RES-New Const & Adv Tech	129,507
Amsterdam Housing Development Fund Compa	Green Jobs Green New York Revolving Loan Fund, Multifamily	5,175
	Multifamily Performance Program, Multifamily	29,325
Anaren, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	2,960
Anheuser-Busch, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	110,688
Antares Group, Inc.	Combined Heat and Power, Technical Review and Program S	15,008
	Existing Facilities Program, Technical Review and Program S	3,446
	Flexible Technical Assistance Program, FlexTech Consultant Selection	15,754
	Industrial Process Efficiency Program, Industrial Process Efficiency	35,957
	Industrial Process Efficiency Program, Technical Review and Program S	79,571
	NY Sun, Renewable Portfolio Standard T	25,485
Anthony J Berejka	Innovation Capacity & Business Development, EB & XRay Curing of Fib	25,000
Anthony Tubolino	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	4,262
APC Paper of New York, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	61,763
Apex Solar and Wind	Renewable Thermal, RES-New Const & Adv Tech	50,000
	Workforce Development, PON 2033 OJT	5,164
Apex Solar Power LLC	New York Sun Program, NY-Sun	374,445
	Renewable Thermal, RES-New Const & Adv Tech	22,398
Applied Energy Group, Inc.	Emerging Technology / Accelerated Commercializatio, Technical Revie	1,543
Aramark Management Srvc Ltd Prtnshp	Flexible Technical Assistance Program, FlexTech Consultant Selection	75,717
Arcadis of New York, Inc.	Anaerobic Digester Program, RPS-CST Quality Assurance/Qual	9,050
Arcadis U.S., Inc.	Agriculture Energy Efficiency Program, Technical Review and Program S	48,797
	Combined Heat and Power, Technical Review and Program S	15,678
	Emerging Technology / Accelerated Commercializatio, Technical Revie	6,295
	Existing Facilities Program, Technical Review and Program S	738,697
	Flexible Technical Assistance Program, Technical Review and Program S	4,087
	Fuel NY, Technical Review and Program S	781,920
	Industrial Process Efficiency Program, Technical Review and Program S	14,039
Argand Energy Partners, LLC	New York Sun Program, NY-Sun	76,875
Argus Avionics, Inc.	Clean Transportation, ADVANCED TRANSPORTATION TECHNO	25,273
ARJ Gas Co. Inc.	Fuel NY, GSP00404 - ARJ Gas Co., Inc.	9,184
ARJ Gas N Mart Inc.	Fuel NY, GSP00407 - ARJ Gas N Mart Inc.	8,523
Armson Farms, Inc	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	56,262
Arnot Ogden Medical Center	New Construction Program, NCP12170 - Arnot Surgical Expa	16,195
Arosa Solar Energy Systems Inc.	Residential PV, RES-New Const & Adv Tech	27,838
Arverne Preservation, LLC	Multifamily Performance Program, Multifamily	0
Arzu Petroleum Corporation	Fuel NY, GSP00469-001 - Arzu Petroleum	9,862
	Fuel NY, GSP00469-002 - Arzu Petroleum	9,862
	Fuel NY, GSP00469-003 - Arzu Petroleum	9,862
	Fuel NY, GSP00469-005 - Arzu Petroleum	9,862
	Fuel NY, GSP00469-007 - Arzu Petroleum	9,862
Ashlee Kleinhammer	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	4,175
Ashokan Foundation, Inc.	New Construction Program, NCP98515 - Main Esopus Lodge (6,794
	New Construction Program, NCP98516 - Beaverkill Village	3,762
Association for Energy Affordability, In	Workforce Development, WF Training Energy Efficiency	162,300
Association of Energy Engineers	Workforce Development, WF Training Energy Efficiency	119,584
Astoria Blvd Gas Inc.	Fuel NY, GSP00438 - Astoria Blvd. Gas I	10,000
Astrum Solar, Inc.	New York Sun Program, NY-Sun	586,884
,	New York Sun Program, PV Incentive Program	11,882
	New York Sun Program, RES-New Const & Adv Tech	228,679
	Tork out 1 Togram, Theo How Oblide a May Tooli	,

Contractor	Project Description	Total Expended Amount
Atelier Ten	New Construction Program, Technical Assistance Services	64,538
Atlantean Solar, LLC	New York Sun Program, RES-New Const & Adv Tech	102,210
Atlantic Center Fort Green Associates LP	Existing Facilities Program, EFP2254 - First New York - Atl	22,500
Atlantic Towers Apt Corp	Multifamily Performance Program, Multifamily	147,900
Auburn City of	Large Scale Renewables, Mill Street Dam Hydro	13,244
Aurora Ridge Dairy LLC	Anaerobic Digester Program, Aurora Ridge Dairy Scrubber	107,000
Automated Building Control Inc	Existing Facilities Program, Existing Facilities Program -	132,664
Automated Dynamics	Innovation Capacity & Business Development, Transformative Technolo	40,000
Autonomous Energies LLC	New York Sun Program, NY-Sun	19,908
Autronic Plastics, Inc.	Advanced Buildings, ADVANCED TRANSPORTATION TECHNO	22,802
	Advanced Buildings, Low Voltage Lighting System	45,000
	Clean Transportation, ADVANCED TRANSPORTATION TECHNO	114,228
	Clean Transportation, Metro Platform Light	27,500
Avalon West Chelsea, LLC	New Construction Program, NCP7897 - Avalon West Chelsea	481,537
Aztech Geothermal, LLC	Workforce Development, PON 2033 OJT Hire Gross	4,506
Baker Brook Dairy LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	22,373
Balenske and Sons	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	24,708
Ballston Spa Central School	Workforce Development, Clean Energy Training for HS	36,867
Balsam View Dairy	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	30,662
Bank of China	Flexible Technical Assistance Program, FlexTech - PON1746	15,000
Banner Auto Inc.	Fuel NY, GSP00125 - Banner Auto Inc.	9,862
Barnes Greenhouses	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	38,009
Barrier Free Living Inc	Multifamily Performance Program, Multifamily	40,000
Barton & Loguidice, D. P.C.	Flexible Technical Assistance Program, FlexTech Consultant Selection	28,117
Bath Avenue Car Care Inc.	Fuel NY, GSP00595 - Bath Avenue Car Car	8,300
		144,561
Battery Park City Authority	New Construction Program, NCP98016 - Pier A (Battery Par	115,174
BCSP VI US Investments, LP	New Construction Program, NCP10666 - 330 Hudson Street	32,890
Behavioral Ideas Lab, Inc.	Advanced Buildings, Behavior Overview & Design	34,283
Bella Energy, Inc.	New York Sun Program, NY-Sun	9,852
Bella Vista S/S Corp.	Fuel NY, GSP00427 - Bella Vista S/S Cor	
Belmont Housing Resources for WNY, Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	10,000 90,000
B	New York ENERGY STAR Homes, RES-New Const & Adv Tech	· · · · · · · · · · · · · · · · · · ·
Benchemark Printing, Inc.	Empower, Printing Services	3,379
Benderson-Rochester Assoc. LLC	New Construction Program, NCP11959 - Hiscock Barclay (Be	4,710
Bergman Associates, P.C.	Clean Transportation, Mkt Trn (no longer in use)	6,309
Bergmann Associates	Existing Facilities Program, Technical Review and Program S	10,611
	Flexible Technical Assistance Program, FlexTech Consultant Selection	118,844
	Flexible Technical Assistance Program, Technical Review and Program S	81,193
	Industrial Process Efficiency Program, FlexTech Consultant Selection	9,344
	Industrial Process Efficiency Program, Technical Review and Program S	28,235
	Renewable Heat NY, Technical Review and Program S	3,168
	Saratoga Technology + Energy Park, STEP Engineering, Design and C	3,306
Best Energy Power	New York Sun Program, NY-Sun	119,937
	New York Sun Program, RES-New Const & Adv Tech	375,174
	Residential PV, RES-New Const & Adv Tech	8,400
Best Shopping Inc.	Fuel NY, GSP00533 - Best Shopping Inc.	10,000
Bethlehem Central School District	Flexible Technical Assistance Program, FlexTech - PON1746	45,000
Better Cities & Towns, Inc.	Cleaner Greener Communities, CGC31774 - Better Cities Towns	51,675
Bettergy Corporation	Clean Transportation, NY-BEST Bench to Prototype Sol	9,877
Beyer Blinder Belle	New Construction Program, NCP12188 - 120 Broadway	6,505

Contractor	Project Description	Total Expended Amount
BG Robinson Stop II LLC	New Construction Program, NCP11890 - The LaSalle Center	14,694
Big Apple Petroleum Realty LLC	Fuel NY, GSP00541 - Big Apple Petroleum	9,922
	Fuel NY, GSP00570 - Big Apple Petroleum	9,922
	Fuel NY, GSP00572 - Big Apple Petroleum	9,922
Bill Lundy	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	8,242
Bill Wolf Petroleum Maintenance LLC	Fuel NY, GSP00370-001 - Bill Wolf Petro	9,872
	Fuel NY, GSP00370-002 - Bill Wolf Petro	9,872
	Fuel NY, GSP00370-003 - Bill Wolf Petro	9,872
	Fuel NY, GSP00370-006 - Bill Wolf Petro	9,872
	Fuel NY, GSP00370-007 - Bill Wolf Petro	9,872
	Fuel NY, GSP00370-008 - Bill Wolf Petro	9,872
	Fuel NY, GSP00370-009 - Bill Wolf Petro	9,872
	Fuel NY, GSP00370-010 - Bill Wolf Petro	9,872
	Fuel NY, GSP00371-001 - Bill Wolf Petro	9,872
	Fuel NY, GSP00371-003 - Bill Wolf Petro	9,872
	Fuel NY, GSP00371-004 - Bill Wolf Petro	9,872
	Fuel NY, GSP00371-009 - Bill Wolf Petro	9,872
	Fuel NY, GSP00373-003 - Bill Wolf Petro	9,872
	Fuel NY, GSP00374-002 - Bill Wolf Petro	9,852
	Fuel NY, GSP00424-001 - Bill Wolf Petro	9,872
	Fuel NY, GSP00424-004 - Bill Wolf Petro	9,872
	Fuel NY, GSP00424-006 - Bill Wolf Petro	9,872
Binghamton State University	Flexible Technical Assistance Program, Technical Assistance	41,180
,	New Construction Program, NCP98603 - Center of Excellenc	239,730
Binghamton University	New Construction Program, NCP12348 - Binghamton Universi	19,093
3	New Construction Program, NCP12349 - Binghamton Universi	15,540
	New Construction Program, NCP12660 - Nelson A Rockefelle	13,926
BioDiversity Research Institute	Environmental Research, Monitoring Birds and Loons- Hg	52,400
Bioenergy Project Partners	Cleaner Greener Communities, CGC32404 - BPP - Category 3	138,630
	Energy Analysis, Regional Economic Development	182,000
BJ's Wholesale Club	Existing Facilities Program, EFP2231 - BJ's 4 Sites	30,473
Black River Plumbing, Heating & AC, Inc	New York Sun Program, NY-Sun	6,664
Bloomberg, L.P.	Flexible Technical Assistance Program, Flex Tech - PON1746	51,000
210011130134, 2.11 1	Industrial Process Efficiency Program, Industrial Process Efficiency	284,032
Bloomfield Central School District	Clean Transportation, Clean Air School Bus Program,	7,500
Blue Sea Development Company, LLC	Multifamily Performance Program, Multifamily	0
Blueland LLC	· · · · · · · ·	43,350
Dideland LLG	New York Sun Program, NY-Sun	15,361
Divertone DDSLLLC	New York Sun Program, RES-New Const & Adv Tech	30,015
Bluestone RRSI, LLC	Advanced Buildings, Rebuild Resilient Staten Is.	
BOCES of Rockland	Workforce Development, Clean Energy Training for HS	48,909
Bond, Schoeneck & King, PLLC	Administration OH, Outside Legal Services	300 15.038
Boxler Dairy Farms BPCA NYS Inc.	Anaerobic Digester Program, Boxler Dairy Farms Scrubber	15,038 91,305
DI VA NIO IIIO.	Green Jobs Green New York Revolving Loan Fund, Training, Field Exa	
Rrand/Cool Marketing	Workforce Development, WF Training Energy Efficiency	3,080
Brand/Cool Marketing	Advanced Buildings, RFQL and RFP 1224	1,055
	Empower, RFQL and RFP 1224	23,497
	Home Performance with Energy Star, RFQL and RFP 1224	171,999
	Innovation Capacity & Business Development, RFQL and RFP 1224	10,053
	Market Pathways, RFQL and RFP 1224	65,476
	Multifamily Performance Program, RFQL and RFP 1224	125,420
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Contractor	Project Description	Total Expended Amount
Brand/Cool Marketing	Statewide Residential Point of Sale, RFQL and RFP 1224	104,669
Bridge 145, LLC	Multifamily Performance Program, Multifamily	0
Bridge Metals Industries	Clean Transportation, Renewable, Clean Energy & Energ	40,879
Bright Power, Inc.	New York Sun Program, RES-New Const & Adv Tech	35,243
Bristol Mountain	Industrial Process Efficiency Program, Industrial Process Efficiency	16,238
Bronx NY East 188th St. Apartments, L.P.	Multifamily Performance Program, Multifamily	0
Bronx Park Phase III Preservation, LLC	Multifamily Performance Program, Multifamily	165,500
Bronx VA Medical Center	Flexible Technical Assistance Program, Flex Tech - PON1746	366,247
Brookfield Energy Marketing, LP	Large Scale Renewables, RPS Program Purchase of Renewa	3,918
	Large Scale Renewables, Stewarts Bridge Hydro Project	25,410
Brookhaven National Lab	Advanced Buildings, Advanced Buildings Technology	45,000
	Advanced Buildings, Forced-flow Baseboard	62,682
	Renewable Heat NY, Energy and Environmental Perfo	196,337
	Smart Grid Systems, EPTD Smart Grid Program	166,499
	Smart Grid Systems, Impact Model UtilScale SolarPV	18,164
Broome County	Flexible Technical Assistance Program, Flex Tech - PON1746	12,073
Brownell Electric Corp.	New York Sun Program, RES-New Const & Adv Tech	1,725
Bruce White	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	22,932
BSREP UA Greenfit LLC	Combined Heat and Power, Transfer of ownership	230,631
BTC Block 1/21, Inc.	New Construction Program, NCP10815 - Uniland Development	121,257
Buck Hill Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	5,486
Buckeye Terminals, LLC	Data and Markets, Upstate NY Strategic Fuels Res	683,509
Buckhurst, Fish, Jacquemart, Inc.	Clean Transportation, Institutionalizing Integrated	22,796
Buffalo Housing Associates	Multifamily Performance Program, Multifamily	0
Buffalo Municipal Housing Authority	Multifamily Performance Program, Multifamily Multifamily Performance Program, Multifamily	0
Buffalo Niagara Medical Campus, Inc.	Clean Transportation, BNMC Smart Card Technology	10,063
Buriato Magara medicar Gampas, me.	Clean Transportation, Briting Smart Card Technology Clean Transportation, Residential Parking Benefits	7,861
Puffalo State College		78,155
Buffalo State College Built Well Solar Corp	New Construction Program, NCP10618 - Houston Gymnasium New York Sun Program, RES-New Const & Adv Tech	10,320
Burke Electric	· · · · · · · · · · · · · · · · · · ·	53,750
Burt Van Buren	New York Sun Program, RES-New Const & Adv Tech Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	18,299
		8,568
Buselli Plumbing & Heating C Speed, LLC	New York Sun Program, NY-Sun	150,000
C Speed, LLC	Clean Transportation, NextGen 3D Antenna	
C. I. Braum Francis B.C.	Innovation Capacity & Business Development, Wind Turbine Clutter Miti	177,238
C.J. Brown Energy, P.C.	Combined Heat and Power, FlexTech Consultant Selection	17,904
C.T. Mala Associates Engineering	Flexible Technical Assistance Program, FlexTech Consultant Selection	23,518
C.T. Male Associates Engineering,	Existing Facilities Program, Technical Review and Program S	9,510
	Flexible Technical Assistance Program, FlexTech Consultant Selection	15,568
C&R Housing Inc.	Workforce Development, Clean Energy On-the-Job Traini	1,128
C&S Engineers, Inc.	Flexible Technical Assistance Program, FlexTech Consultant Selection	10,441
Cabelas	New Construction Program, NCP11918 - Cabelas Cheektowaga	30,000
Cabrini Terrace Owners Corp.	Combined Heat and Power, Cabrini Terrace CHP Demonstrat	2,452
Calm Energy Inc.	Existing Facilities Program, Auto DR via Internet + OpenADR	40,000
Calmar Research Corporation	Advanced Buildings, Advanced Buildings Program	453
CALSPAN Corporation	Flexible Technical Assistance Program, FlexTech - PON1746	8,313
Calstart	Clean Transportation, Implementation contractor for	267,326
Calvary Grandparents Residence, LLC	Multifamily Performance Program, Multifamily	0
Cameron Engineering & Associates LLP	Cleaner Greener Communities, CSC Region Coord. Long Island	261,871
Canajoharie, Village of	Industrial Process Efficiency Program, Industrial Process Efficiency	38,028
Canastota Central School District	Clean Transportation, Clean Air School Bus Program,	71,253

Contractor	Project Description	Total Expended Amount
Cannon Point North, Inc.	Green Jobs Green New York Revolving Loan Fund, Multifamily	16,800
	Multifamily Performance Program, Multifamily	207,200
Capital District Regional Planning Comm.	Cleaner Greener Communities, CSC Coord. Capital District	116,459
Carl Zeiss, Inc	Residential PV, PV System at Carl Zeiss Inc.	50,411
Carlisle Contruction Materials	NY Sun- Competitive PV, New York Sun Competitive PV Pr	235,074
Carnegie Hill Tower Condominium	Multifamily Performance Program, Multifamily	33,392
Carnegie Mellon University	Advanced Buildings, Behavior Research & Energy Dec	1,596
Cary Institute of Ecosystem Studies	Environmental Research, Forest Ecosytem Model	19,431
Castle Hill Electrical Supply Co.	Existing Facilities Program, EFP2331 - Castle Hill Electric	102,730
Catskill Mountain Home Builders, Inc.	New York Sun Program, RES-New Const & Adv Tech	2,450
Cayuga Marketing LLc	New Construction Program, NCP10697 - New Dairy	102,746
Cayuga Medical Center at Ithaca	New Construction Program, NCP9092 - Cayuga Medical Cente	60,575
Cayuga Milk Ingredients	Industrial Process Efficiency Program, Industrial Process Efficiency	547,662
Cayuga/Seneca Community Action Agency, I	Empower, EmPower Multi - Westshore	7,455
CBS Broadcasting Inc.	Existing Facilities Program, EFP2041-CBS; 2 locations	156,254
CC244 LLC	Fuel NY, GSP00232 - CC244 LLC	9,862
CDH Energy Corporation	Anaerobic Digester Program, RPS-CST Quality Assurance/Qual	15,860
	Combined Heat and Power, Technical Review and Program S	18,910
	Emerging Technology / Accelerated Commercializatio, Technical Revie	26,113
	Existing Facilities Program, EFP Task Work Order	52,916
	Existing Facilities Program, Existing Facilities Tech Assis	10,331
	Existing Facilities Program, Technical Review and Program S	93,307
	Flexible Technical Assistance Program, FlexTech Consultant Selection	6,454
	Industrial Process Efficiency Program, EFP Task Work Order	8,665
	Industrial Process Efficiency Program, Technical Review and Program S	56,481
CDS Monarch Inc	Home Performance with Energy Star, Multifamily Program	10,000
	New York ENERGY STAR Homes, Multifamily Program	90,000
CEC Stuyvesant Cove, Inc.	Cleaner Greener Communities, EDGE Territory 3	367,750
ozo otayvosani oovo, mo.	Innovation, Solar One Community Solar	54,920
	-	68,281
	Workforce Development, PON 2774 Career Pathways Workforce Development, Solar One Community Solar	54,920
		4,936
Control Hudeon Cos and Floring Company	Workforce Development, WF Training Energy Efficiency	300,000
Central Hudson Gas and Electric Corporat	Renewables & DER Interation, Distribution Smart Grid	
Central New York Regional Planning and D	Cleaner Greener Communities, Central NY CSC Coordination	39,841
	Cleaner Greener Communities, CGC31214 - CNYRPDB	95,373
	Innovation, Central New York Solar	33,601
	New York Sun Program, Central New York Solar	15,750
	Workforce Development, Central New York Solar	33,601
Century 21 Department Stores LLC	Existing Facilities Program, EFP2379 - Century 21 Rego Park	201,000
Certified Heating Oils, Inc.	Fuel NY, GSP00014-001 Certified Heating	9,872
	Fuel NY, GSP00014-002 Certified Heating	9,872
CHA Consulting Inc.	Agriculture Energy Efficiency Program, Technical Review and Program S	44,903
	Combined Heat and Power, Technical Review and Program S	13,637
	Existing Facilities Program, Technical Review and Program S	256,301
	Flexible Technical Assistance Program, Technical Review and Program S	153,996
	Industrial Process Efficiency Program, Commercial & Industrial Outrea	297,706
	Industrial Process Efficiency Program, Technical Review and Program S	347,017
Chand Springfield Corp.	Fuel NY, GSP00714 - Chand Springfield C	10,000
Charles E. & Vanessa M. Worden	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	6,646
Charles Settlement House, Inc.	Home Performance with Energy Star, Codes & New Construction	3,800

Contractor	Project Description	Total Expended Amount
Charles Settlement House, Inc.	New York ENERGY STAR Homes, Codes & New Construction	34,200
Chautauqua County	Large Scale Renewables, Chautauqua LFGE	106,375
Chelsea Mercantile	Combined Heat and Power, Distributed Generation as Comb	1,360
Chenango Forks CSD	Clean Transportation, Chenango Forks CSD: PON 1896	6,781
Chesner Engineering, P.C.,	Clean Transportation, QC for Construction Material	55,631
Chittenango CSD	Flexible Technical Assistance Program, Flex Tech - PON1746	32,485
Chris Steinmann	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	8,405
CHV 560 Winthrop Street Housing Developm	Multifamily Performance Program, Multifamily	58,600
CIR ELECTRICAL CONSTRUCTION CORP.	New York Sun Program, NY-Sun	140,310
	New York Sun Program, RES-New Const & Adv Tech	7,695
City of Buffalo Board of Education	Industrial Process Efficiency Program, Industrial Process Efficiency	54,002
	Workforce Development, Clean Energy Training for HS	32,107
City of Geneva	Cleaner Greener Communities, CGC30440 - City of Geneva	4,869
City of New Rochelle	Cleaner Greener Communities, CGC30569 - New Rochelle	31,241
City Of New York	New Construction Program, NCP7836 - Mind Builders (NYC D	34,276
City of Saratoga Springs, NY	New York Sun Program, Solarize Spring 2015	5,000
City Parks Foundation	Greening the Bronx, Greening The Bronx	514,903
CLA WNY LLC	New Construction Program, NCP12340 - Gateway Apartments	12,280
Claire Weisz Architects	Clean Transportation, Off Street Delivery Approaches	36,721
Clarkson University	Advanced Buildings, Advanced Buildings Technology	40,000
Clarkson Clinversity	Advanced Buildings, Advanced Buildings recliniology Advanced Buildings, Behavior Pilot-Clarkson Univ	70,000
		22,660
	Advanced Buildings, Green Data Center Computing	9,076
	Advanced Buildings, Wood Pellet Boiler Demo	
	Clean Transportation, Plasma Actuated Drag Reduction	38,451
	Environmental Research, EMEP: Air Quality Research	22,000
	Environmental Research, Environmental Economics	11,289
	Environmental Research, HE Wood Pellet Boiler & ECT	30,843
	Environmental Research, Performance of Biomass-fired	50,894
	Environmental Research, Wood Pellet Boiler Demo	0
	New Construction Program, NCP11616 - Clarkson Old Main	7,315
	Renewables & DER Interation, Surface-Textured High Voltage	40,000
	Smart Grid Systems, EPTD Smart Grid Program	99,071
CLD Industries	Advanced Buildings, Geothermal Monitoring Systems,	10,595
Clean Power Research	Clean Transportation, Online PEV Purchase-Decision P	160,976
	NY Sun, NY-Sun	30,000
Clean Technologies A LLC	Large Scale Renewables, 8th RPS Main Tier Solicitation	33,304
Clear Cove Systems Inc.	Innovation, Demo of ClearCove EPT Technolo	84,560
CLEAResult Consulting, Inc.	Assisted Home Performance with Energy Star, Program Implementation	155,289
	Home Performance with Energy Star, Implementation and Support con	29,949
	Home Performance with Energy Star, Program Implementation Service	399,403
	New York ENERGY STAR Homes, Implementation and Support con	169,712
ClearGrid Innovations, Inc.	Smart Grid Systems, EPTD Smart Grid Program	25,000
ClearStak LLC	Renewable Heat NY, Round-Robin Testing Program	72,646
Clifford Chance US LLP	New York Green Bank, Green Bank Outside Legal Serv.	0
Climate Action Associates LLC	Cleaner Greener Communities, Climate Smart Communities Regi	250,970
Clinton Essex Warren Washington	Green Jobs Green New York Revolving Loan Fund, GJGNY Lab Houses	8,248
Clough, Harbour & Associates, LLP	Administration OH, FlexTech Consultant Selection	22,464
	Existing Facilities Program, EFP Task Work Order	10,817
	Existing Facilities Program, Existing Facilities Tech Assis	678
	Flexible Technical Assistance Program, FlexTech Consultant Selection	181,744

Contractor	Project Description	Total Expended Amount
Clough, Harbour & Associates, LLP	Industrial Process Efficiency Program, EFP Task Work Order	11,626
	Industrial Process Efficiency Program, Existing Facilities Tech Assis	923
	New Construction Program, EFP Task Work Order	4,605
CNY Solar, Inc.	New York Sun Program, NY-Sun	288,222
	New York Sun Program, PV Incentive Program	4,896
	New York Sun Program, RES-New Const & Adv Tech	131,807
Coca-Cola Refreshments USA, Inc.	Flexible Technical Assistance Program, FlexTech Program	43,131
Code Green Solutions, Inc.	Flexible Technical Assistance Program, FlexTech Consultant Selection	89,780
	New Construction Program, NCP11451 - 114 5th Ave	123,589
	New Construction Program, NCP11472 - 635 6th Avenue	30,000
Cogeneration Contractors, Inc.	Combined Heat and Power, CHP Acceleration Program	382,800
College Town Rochester LLC	New Construction Program, NCP11271 - College Town	99,747
Collegiate Builders	New York Sun Program, NY-Sun	27,366
Collins Knoll Farm, LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	35,664
Columbia University	Clean Transportation, Devel Electrofuels Prototype	27,138
	Industrial Process Efficiency Program, Improving AD through EKD	13,011
	Innovation Capacity & Business Development, Proof-of-Concept Center	435,000
Comalli Group, Inc.	Existing Facilities Program, EFP2390-Comalli Group - Picott	27,997
Combined Energies LLC	Clean Transportation, Power/energy module dev & demo	41,393
Communications Specialists, Inc.	New York Sun Program, NY-Sun	33,975
Community Bank NA	New Construction Program, NCP11546 - 2014 Operations Cen	11,474
Community Counseling & Mediation Service	Multifamily Performance Program, Multifamily	28,800
Community Environmental Center, Inc.	New Construction Program, NCP TA Contract - ST10135	22,865
Community Health Center of Richmond	New Construction Program, NCP12103 - Outpatient Clinic	5,540
Community Power Network of NYS, Inc.	Green Jobs Green New York Revolving Loan Fund, Energy Efficiency C	4,983
	Multifamily Performance Program, LIFE Implementation Services	47,053
Comunilife, Inc	Multifamily Performance Program, Multifamily	0
Concord Servicing Corporation	Green Jobs Green New York Revolving Loan Fund, Multifamily	326
	Green Jobs Green New York Revolving Loan Fund, Products	419
ConMed Corporation	Industrial Process Efficiency Program, Industrial Process Efficiency	20,880
Conscious Energy Inc.	New York Sun Program, RES-New Const & Adv Tech	9,000
Conservation Services Group Inc.	Green Jobs Green New York Revolving Loan Fund, GJGNY Training an	132,689
Conservation Services Group, Inc.	Assisted Home Performance with Energy Star, Program Implementation	431,965
, , , , , , , , , , , , , , , , , , ,	Empower, QA Services for EmPower	395,253
	Home Performance with Energy Star, Implementation & Support Servi	65,926
	Home Performance with Energy Star, Program Implementation Service	1,111,011
	New York ENERGY STAR Homes, Implementation & Support Servi	373,582
Consolidated Edison Company	Existing Facilities Program, Commercial	572,751
Cooke Solar White Plains, LLC	Residential PV, RPS CST Regional Program	86,487
Cooper Crouse-Hinds	Industrial Process Efficiency Program, Industrial Process Efficiency	46,469
Copenhagen Central School District	Workforce Development, Clean Energy Training for High	40,825
Cornell Cooperative Extension - Tompkins	Cleaner Greener Communities, CGC30635 - Southern Tier Bulk	70,217
Cornell Cooperative Extension of Schuyle	New York Sun Program, Solarize Spring 2015	5,000
Cornell University	Clean Transportation, Anion Exchange Regen. Fuel Cel	51,030
	Energy Analysis, Dairy cooling demonstration	8,449
		25,000
	Energy Analysis, NY climate clearinghouse	29,220
	Energy Analysis, Rainfall IDF Curves	67,486
	Environmental Research, energy and C in food systems	862
	Environmental Research, improve EE of crop production	
	Environmental Research, optimize LED for greenhouses	40,304

Contractor	Project Description	Total Expended Amount
Cornell University	Environmental Research, Performance of Biomass-fired	9,239
	Existing Facilities Program, EFP1694-Cornell	70,144
	Industrial Process Efficiency Program, Center of Excellence for CEA T	23,910
Cornell University-Office of Sponsored P	Empower, CEPREEQ	166,701
	Environmental Research, Accelerated Recovery	6,727
	Environmental Research, Accelerated Recovery and Envir	10,000
	Environmental Research, Events	14,000
	Environmental Research, virtual greenhouse tool	25,518
	Innovation Capacity & Business Development, Events	14,000
Corning City School District	New Construction Program, NCP11566 - Corning Painted Pos	107,509
Corning Community College	New Construction Program, NCP11625 - Corning Community C	25,347
	New Construction Program, NCP11630 - Corning Community	13,297
	New Construction Program, NCP11631 - Corning Community C	23,856
Corning Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	21,624
	New Construction Program, NCP11435 - CMoG North Wing Exp	93,292
Coty Inc	New Construction Program, NCP11230 - Coty LEED at Empire	89,827
Crest Solar LLC	New York Sun Program, NY-Sun	27,600
	New York Sun Program, RES-New Const & Adv Tech	14,700
Creston Avenue Housing Development Fund	Multifamily Performance Program, Multifamily	0
Crestwood Lake Heights Section One Holdi	Green Jobs Green New York Revolving Loan Fund, Multifamily	41,100
•	Multifamily Performance Program, Multifamily	484,592
Cross County Petroluem Inc.	Fuel NY, GSP00306 - Cross County Petro	9,925
Crossings Propert Development LLC	New Construction Program, NCP12320 - Clifton Park Medica	11,970
Croton Energy Group, Inc.	New York Sun Program, NY-Sun	13,409
CUCS Housing Development Fund Corp. III	Multifamily Performance Program, Multifamily	44,200
Culver Terrace LLC	Multifamily Performance Program, Multifamily	86,000
Cumberland Farms, Inc.	Fuel NY, GSP00445-001 - Cumberland Farm	9,862
	Fuel NY, GSP00446-001 - Cumberland Farm	9,872
	Fuel NY, GSP00446-002 Cumberland Farms	9,872
	Fuel NY, GSP00446-003 - Cumberland Farm	9,872
	Fuel NY, GSP00446-007 - Cumberland Farm	9,872
	Fuel NY, GSP00446-008 - Cumberland Farm	9,872
	Fuel NY, GSP00447 - Cumberland Farms In	9,872
	Fuel NY, GSP00447 - Cumberland Farm	9,862
		9,872
	Fuel NY, GSP00454-001 - Cumberland Farm Fuel NY, GSP00454-002 - Cumberland Farm	9,872
		9,862
	Fuel NY, GSP00454-004 - Cumberland Farm	9,862
	Fuel NY, GSP00454-007 - Cumberland Farm	9,872
	Fuel NY, GSP00457-004 - Cumberland Farm	
	Fuel NY, GSP00457-005 - Cumberland Farm	9,872
	Fuel NY, GSP00457-007 - Cumberland Farm	9,872
	Fuel NY, GSP00458-010 - Cmberland Farm	9,872
	Fuel NY, GSP00459-003 - Cumberland Farm	9,987
	Fuel NY, GSP00460-008 - Cumberland Farm	9,852
	Fuel NY, GSP00460-010 - Cumberland Farm	9,872
	Fuel NY, GSP00461-003 - Cumberland Farm	9,872
	Fuel NY, GSP00461-008 - Cumberland Farm	9,872
	Fuel NY, GSP00462-003 - Cumberland Farm	9,872
	Fuel NY, GSP00732 - Cumberland Farms In	9,862
Currier Plastics	Industrial Process Efficiency Program, Pre-Enc	80,763

Contractor	Project Description	Total Expended Amount
Custom Electronics, Inc.,	Clean Transportation, Commercial intro of GEC	3,197
	Clean Transportation, Improved Ultracapacitor	62,471
	Clean Transportation, NY-BEST Bench to Prototype Sol	66,669
Cutone & Company Consultants, LLC	Existing Facilities Program, EFP1776 - Cutone & Co; Trinity	36,358
	Existing Facilities Program, EFP1906-Cutone; 452 Fifth Ave	30,000
	Existing Facilities Program, EFP1955 - 200 Lexington Ave	15,466
	Existing Facilities Program, EFP2104- 575 Lexington Ave	108,119
	Existing Facilities Program, Existing Facilities Program -	59,669
	Existing Facilities Program, PON1219EE5	67,152
	Industrial Process Efficiency Program, Industrial and Process Efficie	320,280
CVR Hotel LLC	New Construction Program, NCP10673 - Hilton Garden Inn	51,554
CVS Pharmacy, Inc.	New Construction Program, NCP12912 - CVS Carmel #10038	6,905
Cyprian Truck & Auto Repairs Inc.	Fuel NY, GSP00159 - Cyprian Truck & Aut	13,000
Dalton Farms LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	4,650
Daniel J. Tagliamonte	Home Performance with Energy Star, Codes & New Construction	300
•	New York ENERGY STAR Homes, Codes & New Construction	2,700
Dave Magos	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	20,010
David Moller	New York Sun Program, NY-Sun	5,600
David P Bruns	Home Performance with Energy Star, RES-New Const & Adv Tech	120,000
David Wood	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	7,403
Davison Petroleum Corp.	Fuel NY, GSP00422 - Davison Petroleum C	10,000
Daystar Solar, LLC	New York Sun Program, RES-New Const & Adv Tech	23,360
Dean Estes	Agriculture Energy Efficiency Program, Pre-Enc	2,576
DEKA		28,623
	Existing Facilities Program, EFP2119-DEKA;19 W 44th St.	89,500
Delaware County Electric Cooperative, In Delmonico Plaza Condominium	Renewables & DER Interation, EPTD Smart Grid Program	10,400
	Flexible Technical Assistance Program, PON 1746 - FlexTech Progr	15,128
Delta Sonic Car Wash Sys. Inc.	New Construction Program, NCP12284 - Delta Sonic Geddes	152,571
Deluxe Packaging	Industrial Process Efficiency Program, Industrial Process Efficiency	
Demand Response Partners Inc.	Existing Facilities Program, DR for ISO Ancillary Services	12,500
Demarse Electric Inc.	Green Jobs Green New York Revolving Loan Fund, PON 2033-3 OJT	21,245
	New York Sun Program, NY-Sun	36,880
	New York Sun Program, RES-New Const & Adv Tech	83,640
	Workforce Development, PON 2033-3 OJT	7,240
Dennis Willebrandt	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	7,334
Dewberry Consultants LLC	Energy Analysis, Future Floodplain Analysis	13,995
DeWitt , Margaret Anne	Agriculture Energy Efficiency Program, Agriculture Disaster Energy Ef	36,615
Dick's Sporting Goods c/o Coleman Hines	New Construction Program, NCP12263 - Field & Stream Henr	5,390
	New Construction Program, NCP12439 - Field & Stream Hors	5,390
Dimien LLC	Advanced Buildings, Chromatic Window Coating	27,500
District Sun	New York Sun Program, NY Sun	15,374
	New York Sun Program, NY-Sun	53,848
Diversified Control Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	76,382
Divine Renewable Energy LLC	New York Sun Program, RES-New Const & Adv Tech	16,020
Division 7 Inc	New York Sun Program, RES-New Const & Adv Tech	6,414
Doherty Electric, LLC	New York Sun Program, NY-Sun	24,192
	New York Sun Program, RES-New Const & Adv Tech	3,024
Donald J. Geisel & Assoc Inc	Clean Transportation, ADVANCED TRANSPORTATION TECHNO	28,970
Douglas Riehlman	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	22,415
Dowd-Witbeck Printing Corp.	Empower, Printing Services	177
Dr. Chris Caldwell	Home Performance with Energy Star, Codes & New Construction	8,000

Contractor	Project Description	Total Expended Amount
Drakes Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	94,581
DS Jamaica Gas Inc.	Fuel NY, GSP00758 - DS Jamaica Gas Inc.	9,004
DSL Marketing LLC	Existing Facilities Program, EFP2451 - DSL Marketing - East	119,876
Dunn Development Corp	Multifamily Performance Program, Multifamily	21,150
E&S Environmental Chemistry Inc.	Environmental Research, Acid deposion on forests	7,217
	Environmental Research, Acid Deposition and Understory	35,524
	Environmental Research, Environment Research	2,958
Eagle Creek Hydro Power LLC	Large Scale Renewables, 8th RPS Main Tier Solicitation	40,400
Earth Environmental Group, LLC	Renewable Thermal, NY-Sun	74,265
	Renewable Thermal, RES-New Const & Adv Tech	123,775
Earthlink Business	Industrial Process Efficiency Program, Industrial Process Efficiency	76,843
East 138th Street, LLC.	Multifamily Performance Program, Multifamily	19,200
East Coast Properties	Multifamily Performance Program, Multifamily	88,200
East Irondequoit CSD	Combined Heat and Power, Distributed Generation as Comb	6,660
East River Dairy	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	65,153
East River Petroleum Realty LLC	Fuel NY, GSP00550 - East River Petroleu	9,922
•	Fuel NY, GSP00552 - East River Petroleu	9,922
	Fuel NY, GSP00553 - East River Petroleu	9,922
	Fuel NY, GSP00555 - East River Petroleu	9,922
	Fuel NY, GSP00557 - East River Petroleu	9,922
	Fuel NY, GSP00576 - East River Petroleu	9,922
		9,922
	Fuel NY, GSP00578 - East River Petroleu	9,922
	Fuel NY, GSP00580 - East River Petroleu	
	Fuel NY, GSP00581 - East River Petroleu	9,922
	Fuel NY, GSP00582 - East River Petroleu	9,922
	Fuel NY, GSP00584 - East River Petroleu	9,922
	Fuel NY, GSP00585 - East River Petroleu	9,922
	Fuel NY, GSP00662 - East River Petroleu	9,922
	Fuel NY, GSP00663 - East River Petroleu	9,922
	Fuel NY, GSP00664 - East River Petroleu	9,922
	Fuel NY, GSP00665 - East River Petroleu	9,922
Eastern Energy Systems Inc.	New York Sun Program, NY-Sun	10,500
Eastern Research Group, Inc.	Energy Analysis, Env R&D: Outreach & Writing	1,548
	Environmental Research, Env R&D: Outreach & Writing	4,643
ECNY Electric Inc.	New York Sun Program, NY-Sun	44,216
Ecology & Environment, Inc.	West Valley Development Program, Environmental Monitoring for t	139,332
Ecology and Environment Engineering, PC	Cleaner Greener Communities, CGC Implementation Contractor	73,889
EcoMarkets LLC	Large Scale Renewables, 8th RPS Main Tier Solicitation	41,760
Ecovative Design LLC	Advanced Buildings, Advanced Buildings Program	35,000
	Innovation Capacity & Business Development, Gel Assisted Casting	76,250
	Innovation Capacity & Business Development, Transformative Technolo	92,500
Ecovis, Inc.	New York Sun Program, NY-Sun	23,753
	New York Sun Program, RES-New Const & Adv Tech	5,967
Edge Design and Consulting, Inc.	New York Sun Program, NY-Sun	63,882
	New York Sun Program, RES-New Const & Adv Tech	18,750
EDO Corporation	Clean Transportation, Refuse Truck Air Body	91,594
EDR Syracuse Campus West, LLC	Multifamily Performance Program, Multifamily	251,648
Edward Gallagher	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	7,481
El Puente	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	41,476
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Contractor	Project Description	Total Expended Amount
Electric Power Research Institute	Smart Grid Systems, PV inverter	80,000
Electron Coil Inc.	Clean Transportation, Lightweight Inductor	3,906
Ellis Hospital	New Construction Program, NCP10077 - Ellis Hospital Emer	99,412
Elmwood Manor Associates, LLC	Multifamily Performance Program, Multifamily	200,000
Emacx Systems, Inc.	Existing Facilities Program, EFP2272 - Emacx - UJA Federati	37,677
EMCOR Services Betlem	Flexible Technical Assistance Program, FlexTech Consultant Selection	17,220
EME Consulting Engineering Group, LLC	Existing Facilities Program, Existing Facilities Tech Assit	12,004
	Existing Facilities Program, Technical Review and Program S	99,246
	Flexible Technical Assistance Program, FlexTech Consultant Selection	184,495
	New Construction Program, Technical Assistance Services	304,271
Emerald Cities Collaborative	New York Sun Program, Solarize Spring 2015	5,000
EMG International, Inc.	Environmental Research, AFB for N & P removal	16,180
	Renewables & DER Interation, Development of small AFBD	104,118
Empower CES, LLC	New York Sun Program, NY-Sun	56,953
	New York Sun Program, RES-New Const & Adv Tech	46,950
	Residential PV, RPS CST Regional Program	109,355
ENER-G ROTORS, Inc	Innovation Capacity & Business Development, Waste heat to electricity	385,000
Eneractive Solutions	Flexible Technical Assistance Program, FlexTech Consultant Selection	382,709
Energetics, Incorporated	Clean Transportation, Electric Vehicle Supply Equipm	114,389
Energy & Resource Solutions, Inc.	Combined Heat and Power, Technical and Logistic Support	425,698
	Emerging Technology / Accelerated Commercializatio, EFP Task Work	11,631
	Emerging Technology / Accelerated Commercializatio, Technical Revie	14,409
	Evaluation, Impact Evaluation Contractor	1,694,476
	Existing Facilities Program, EFP Task Work Orders	70,260
	Existing Facilities Program, Technical Review and Program S	383,206
	Existing Facilities Program, Technical Review Services	12,692
	Flexible Technical Assistance Program, FlexTech Consultant ERS	39,451
	Green Jobs Green New York Revolving Loan Fund, Impact Evaluation C	93,156
	Industrial Process Efficiency Program, Commercial & Industrial Outrea	202,865
	Industrial Process Efficiency Program, EFP Task Work Orders	23,400
	Industrial Process Efficiency Program, Technical Review and Program S	202,921
	Market Pathways, EFP Task Work Orders	3,708
	New Construction Program, EFP Task Work Orders	166
Energy and Environmental Economics Inc.	Energy Analysis, REV Economic Framework	0
3,	Innovation, REV Economic Framework	263,860
	NY Sun, Flex Energy Tech Analysis 2	189,992
Energy by Choice, LTD	New York Sun Program, NY-Sun	5,390
Energy Conservation & Supply, Inc.	Existing Facilities Program, EFP2348 - Energy Conservation	225,819
Energy Evolution Inc	Workforce Development, PON 2033-3 OJT	2,483
Energy Improvement Corporation	Innovation, Westchester Solar Initiative	54,337
	Workforce Development, Westchester Solar Initiative	54,337
Energy Spectrum Inc.	Existing Facilities Program, Existing Facilities Program PO	53,381
Energy Spectrum, Inc.	Existing Facilities Program, EFP1928 - Energy Spectrum	42,174
EnergySage, Inc.	Innovation, Photovoltaic Balance-of-System	3,326
Litergy Sage, Inc.	Workforce Development, Photovoltaic Balance-of-System	3,326
EnerNex LLC	Smart Grid Systems, Major Disturbance Mitigation	52,500
Enerwise Global Technologies	Existing Facilities Program, Innovation - Buildings	6,000
Enlighten Power Solutions, LLC	New York Sun Program, NY-Sun	46,798
	Workforce Development, SBC4 RE OJT	7,264
ENrG, Inc.		30,000
= o,o.	Innovation Capacity & Business Development, Flexible roll-to-roll sinterng	30,000

Contractor	Project Description	Total Expended Amount
ENrG, Inc.	Innovation Capacity & Business Development, Thin E-Strate Clean Pow	151,456
Ensave, Inc.	Agriculture Energy Efficiency Program, AEEP - EnSave Contract	8,383
	Agriculture Energy Efficiency Program, AEEP Implementation Contractor	307,484
EnterSolar LLC	NY Sun- Competitive PV, New York Sun Competitive PV Pr	82,092
	Residential PV, PV System at Pratt Industries	231,559
	Residential PV, RPS CST Regional Program	50,758
Environmental Control Inc.	New York Sun Program, RES-New Const & Adv Tech	6,318
Epergy, LLC	New York Sun Program, NY-Sun	59,798
Erdman Anthony & Associates, Inc.	Existing Facilities Program, Technical Review and Program S	7,075
	Industrial Process Efficiency Program, Technical Review and Program S	20,621
	New Construction Program, Technical Assistance Services	99,797
Eric Maskell	New York Sun Program, NY-Sun	8,160
	New York Sun Program, RES-New Const & Adv Tech	10,800
Eric Mower and Associates	Advanced Energy Codes, RFQL and RFP 1224	47,685
	Assisted Home Performance with Energy Star, RFQL and RFP 1224	1,394
	Assisted New York ENERGY STAR Homes, RFQL and RFP 1224	21,601
	Combined Heat and Power, RFQL and RFP 1224	114,839
	Existing Facilities Program, RFQL and RFP 1224	68,544
		20,905
	Home Performance with Energy Star, RFQL and RFP 1224	55,268
	Industrial Process Efficiency Program, RFQL and RFP 1224	10,874
	Innovation Capacity & Business Development, RFQL and RFP 1224	
	Market Pathways, RFQL and RFP 1224	17,102
	New Construction Program, RFQL and RFP 1224	56,604
	New York ENERGY STAR Homes, RFQL and RFP 1224	44,189
	Workforce Development, RFQL and RFP 1224	2,073
Erie 1 BOCES	Workforce Development, Clean Energy Training for HS	16,329
Erie Boulevard Hydropower LP	Large Scale Renewables, School Street Hydro Project	82,421
	Large Scale Renewables, Stewarts Bridge Hydro Project	49,079
Erie County Medical Center	New Construction Program, NCP10196 - ECMC - Long Term Ca	210,619
ESCO Energy Savings Company	Existing Facilities Program, EFP2011-ESCO Energy	249,913
Essex County Government Center	Cleaner Greener Communities, CGC31777 - Essex County	108,996
EV Connect Inc.	Clean Transportation, Electric Vehicle Supply Equipm	4,850
	Clean Transportation, EV Connect, Inc. PON 2301 EVSE	4,210
EV Rental Group, LLC	Green Jobs Green New York Revolving Loan Fund, Multifamily	5,625
	Multifamily Performance Program, Multifamily	62,375
Evoworld	Green Jobs Green New York Revolving Loan Fund, PON 2033-3 OJT	8,032
Extra Space Storage	Flexible Technical Assistance Program, FlexTech - PON1746	8,250
Extraterrestrial Materials Inc.	New York Sun Program, NY-Sun	14,388
	New York Sun Program, RES-New Const & Adv Tech	173,484
EYP Architecture & Engineering, PC	Flexible Technical Assistance Program, FlexTech Consultant Selection	55,485
	New Construction Program, Technical Assistance Services	68,619
Fastrac Markets, LLC	Existing Facilities Program, EFP2476-Fastrac Markets - Mult	140,000
Fatdom Realty	Fuel NY, GSP00034 - Fatdom Realty (Coun	5,378
Faxon-St. Lukes Healthcare	Existing Facilities Program, EFP2545-Faxton St. Lukes Healt	41,750
1 axon-3t. Lukes Healthcare	EL 11 T. I. 1. I. I. D. EL T. I. DOMETO	36,426
FC 42nd Street Associates	Flexible Technical Assistance Program, Flex Tech - PON1746	
	New Construction Program, NCP11496 - Federal Reserve Ban	15,920
FC 42nd Street Associates		
FC 42nd Street Associates Federal Reserve Bank of New York	New Construction Program, NCP11496 - Federal Reserve Ban	15,920 0 33,373
FC 42nd Street Associates Federal Reserve Bank of New York Federation of Multicultural Programs Inc	New Construction Program, NCP11496 - Federal Reserve Ban Multifamily Performance Program, Multifamily	

Contractor	Project Description New York Sun Program, PV Incentive Program	Total Expended Amount
Ficazzola Consulting, LLC	New York Sun Program, RES-New Const & Adv Tech	29,228
Finch Paper, LLC	Industrial Process Efficiency Program, Industrial Process Efficiency	17,758
Findlay Teller Housing Development Fund	Combined Heat and Power, Findlay Plaza CHP Demo	138,758
FingerLakes Renewable Energy LLC	New York Sun Program, RES-New Const & Adv Tech	2,600
Fingerlakes Renewables	New York Sun Program, NY-Sun	6,864
-	New York Sun Program, RES-New Const & Adv Tech	11,232
First Columbia Property Services, LLC	Administration OH, Property Management Services	107,561
Fish-Hill Farm Inc.	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	10,820
Fitzhugh Associates, LLC	New Construction Program, NCP7554 - The Academy (Fitzhug	36,327
Fiveboro Solar, LLC	New York Sun Program, NY-Sun	10,332
	Residential PV, RES-New Const & Adv Tech	23,872
Flat Rock Windpower, LLC	Large Scale Renewables, Innovation - Smart Grid System	5,877,518
FLC 50 High Street Corporation	New Construction Program, NCP10658 - 1001 Main St	99,894
	·	12,420
Floranten Biver I.I.C	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	
Florenton River LLC	New York Sun Program, NY-Sun	71,473
	New York Sun Program, RES-New Const & Adv Tech	9,000
Floyd Mikulski Farms	Agriculture Energy Efficiency Program, AGDIS - Pre-Encumbered	20,100
Fordham University	New Construction Program, NCP98268 - New Law School & Do	198,545
Forking Paths Vineyards, Inc	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	31,099
Found Object LLC	Administration OH, Communications Services for Re	106,715
Fourth Coast, Inc.	New York Sun Program, NY-Sun	77,667
	New York Sun Program, PV Incentive Program	18,975
	New York Sun Program, RES-New Const & Adv Tech	91,376
Fraunhofer USA Inc.	Advanced Buildings, Beh Stategies for Thermostats	33,000
Fredonia Central School District	Existing Facilities Program, Existing Facilities Program -	98,948
Free Form Fibers, LLC	Innovation Capacity & Business Development, SiC Fiber Laser Printing	47,154
Freedom Solar Inc.	New York Sun Program, NY-Sun	164,901
	New York Sun Program, RES-New Const & Adv Tech	11,925
Fresnel Optics, Inc.	Industrial Process Efficiency Program, Existing Facilities IPE 3	22,783
Frey Electric Contruction Co., Inc.	New York Sun Program, NY-Sun	6,090
	New York Sun Program, PV Incentive Program	6,480
	New York Sun Program, RES-New Const & Adv Tech	1,661
Frontier Abstract and Research Services	Green Jobs Green New York Revolving Loan Fund, Title Company in S	180,279
	Title Company in Support of On	3,507
Fuller Road Management Corp	Industrial Process Efficiency Program, Industrial Process Efficiency	183,739
	Industrial Process Efficiency Program, Pre-Enc	13,089
	New Construction Program, NCP10483 - Nano Fab Extension	665,243
	New Construction Program, NCP10484 - Central Utility Bui	733,037
Garden Village LLC	Multifamily Performance Program, Multifamily	0
Garelick Farms of NY, LLC	Flexible Technical Assistance Program, FlexTech Program	30,000
Garner Environmental Services, Inc.	Fuel NY Portable Emergency Gen	0
·	Fuel NY, Fuel NY Portable Emergency Gen	63,081
Gas N Go Bronx Inc.	Fuel NY, GSP00425 - Gas N Go Bronx Inc.	10,000
Gas Technology Institute	Advanced Buildings, Evaluation and Demonstration	31,600
Gascon Inc.	Fuel NY, GSP00537 - Gascon Inc.	9,950
Gateway II Development Partners LLC	Flexible Technical Assistance Program, FlexTech - PON1746	8,250
GATS Administrator	Large Scale Renewables, GATS Fee Payments	4,405
GB Lighting Corp		383,884
CD Lighting Corp	Existing Facilities Program, EFP2434 - GB Lighting Corporat	118,090
	Existing Facilities Program, EFP2475 - GB Lighting - Bay Pa	
GDS Associates, Inc.	Existing Facilities Program, EFP2496 - GB Lighting - Shoref Green JobaGreen New York Revolving Loan Fund, GDS - Small Comm	176,530

Contractor GB Lighting Corp	Project Description Existing Facilities Program, EFP2496 - GB Lighting - Shoref	Total Expended Amount
GDS Associates, Inc.	Green Jobs Green New York Revolving Loan Fund, GDS - Small Comm	176,480
General Electric Co. Gobal Research	Existing Facilities Program, Advanced thermostatic control	20,000
General Electric Corporate Research & D	Clean Transportation, Sodium-Metal-Halide Battery	169,832
General Mills	Industrial Process Efficiency Program, Industrial Process Efficiency	112,105
General Motors	Industrial Process Efficiency Program, Industrial and Process Efficie	193,887
General Motors of NY Inc.	Fuel NY, GSP00502 – General Motors of N	10,000
Genesys Engineering, P.C.	Combined Heat and Power, FlexTech Consultant Selection	15,508
Concoyo Engineering, 1.c.	Flexible Technical Assistance Program, FlexTech Consultant Selection	5,629
Geo of Camden, LLC	New York Sun Program, NY-Sun	55,701
oco or camacin, 220	-	10,350
Gooffroy Httmark	New York Sun Program, RES-New Const & Adv Tech	3,500
Geoffrey Uttmark	Clean Transportation, Erie Canal Study	14,061
Geopeak Energy, LLC	New York Sun Program, RES-New Const & Adv Tech	
George E Denmark II	New York Sun Program, NY-Sun	26,418
George J. Martin & Son	New York Sun Program, RES-New Const & Adv Tech	7,280
Geoscape Solar LLC	New York Sun Program, RES-New Const & Adv Tech	9,483
Geotherm Inc.	New York Sun Program, NY-Sun	54,572
Gerster Sales & Service, Inc.	Existing Facilities Program, Commercial	44,925
GH Graf Realty Corp.	Multifamily Performance Program, Multifamily	15,000
Gilbane Building Company	New Construction Program, NCP11998 - Franklin High Schoo	5,600
Giroux's Poultry Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	154,861
GL Energy Solutions	Existing Facilities Program, EFP2461 - GL Energy Solutions	72,063
Gladden Properties, LLC	New Construction Program, NCP10516 - 250 West 55th Stree	152,400
Glens Falls Hospital	Flexible Technical Assistance Program, Technical Assistance	40,000
Global Dwelling	Workforce Development, PON 2033 OJT	5,681
Global Energy Efficiency	Existing Facilities Program, EFP2494 - Global Energy Effici	268,985
	Existing Facilities Program, EFP2556-Global Energy Efficien	154,040
Global Foundries U.S. Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	51,251
	New Construction Program, NCP98496 - Admin Building (AMD	64,569
Global Montello Group Corp.	Fuel NY, GSP00315-005 - Global Montello	9,950
	Fuel NY, GSP00316-001 - Global Montello	9,000
	Fuel NY, GSP00316-008 - Global Montello	9,500
	Fuel NY, GSP00672-004 - Global Montello	10,000
Gloversville-Johnstown Joint Wastewater	Anaerobic Digester Program, Gloversville-Johnstown Joint W	136,088
Go Solar/Green NY, LLC	New York Sun Program, NY-Sun	22,407
	New York Sun Program, RES-New Const & Adv Tech	54,119
	Residential PV, RES-New Const & Adv Tech	6,086
Goldman Copeland Associates, P.C.	Flexible Technical Assistance Program, Flexible Technical Assistance	37,705
	Flexible Technical Assistance Program, FlexTech Consultant Selection	78,640
Golub Corporation	New Construction Program, NCP11836 - Price Chopper Chath	156,819
Gotham 360 LLC	Existing Facilities Program, PON1219EE5	122,000
Goulds Pumps	Industrial Process Efficiency Program, Industrial Process Efficiency	28,900
Grace Terrace LLC	Multifamily Performance Program, Multifamily	13,400
Grant Park II, LP	Green Affordable Housing, Multifamily	33,707
	Multifamily Performance Program, Multifamily	52,306
Graphenix Development Inc.	Clean Transportation, NY-BEST Bench to Prototype	137,209
Great Brook Solar NRG, LLC	New York Sun Program, NY-Sun	46,719
	New York Sun Program, RES-New Const & Adv Tech	11,866
Great Neck Savvy Service Inc.	Fuel NY, GSP00764 - Great Neck Savvy Se	10,000
Greater Centennial Community Development	Multifamily Performance Program, Multifamily	12,169
Green 485 Owner LLC	Existing Facilities Program, EFP2087-Green 485 Owner LLC -	21,207
Green Audit USA, Inc.	Green Jobs Green New York Revolving Loan Fund, PON 2033-3 OJT	,_ 0 ;

Contractor Green 485 Owner LLC	Project Description Existing Facilities Program, EFP2087-Green 485 Owner LLC -	Total Expended Amount
Green Audit USA, Inc.	Green Jobs Green New York Revolving Loan Fund, PON 2033-3 OJT	17,126
Green Hybrid Energy Solutions Inc.	New York Sun Program, NY-Sun	168,891
	New York Sun Program, PV Incentive Program	8,370
	New York Sun Program, RES-New Const & Adv Tech	128,750
	Residential PV, RES-New Const & Adv Tech	50,000
Green Jobs Training Center	Workforce Development, WF Training Energy Efficiency	91,530
Green Light Energy Conservation	Existing Facilities Program, EFP2129 - Green Light Energy C	48,000
	Existing Facilities Program, EFP2559 - Green Light Energy C	72,000
Green Light New York, Inc.	Emerging Technology / Accelerated Commercializatio, ETAC - Green Li	75,000
Green Options Buffalo	Clean Transportation, Complete Streets Evaluation	33,699
Green Power Developers, LLC	New York Sun Program, RES-New Const & Adv Tech	34,970
Green Power Solutions, Inc.	Green Jobs Green New York Revolving Loan Fund, PON 2033 OJT	8,250
	New York Sun Program, NY-Sun	4,500
	New York Sun Program, PV Incentive Program	2,359
	New York Sun Program, RES-New Const & Adv Tech	20,280
	Residential PV, RES-New Const & Adv Tech	11,811
Greencycle Management Inc.	Existing Facilities Program, EFP2471 - Greencycle Managemen	152,060
Greene Central School District	Clean Transportation, Clean Air School Bus Program,	19,037
GreenLogic, LLC	New York Sun Program, NY-Sun	10,569
	New York Sun Program, RES-New Const & Adv Tech	68,359
Greenwood Millennium Hilton LLC	Existing Facilities Program, EFP CHP project	209,244
GRID Alternatives Tri-State, Inc.	Innovation, Photovoltaic Balance-of-System	63,530
	Workforce Development, Photovoltaic Balance-of-System	63,530
Grid City Electric Corp	New York Sun Program, NY-Sun	6,105
	New York Sun Program, RES-New Const & Adv Tech	2,634
Gulick Fruit Farms	New Construction Program, NCP12392 - Gulick Fruit Farms	17,963
Guth Deconzo Consulting Engineers	Existing Facilities Program, EFP2259 - Guth Deconzo Consult	266,300
Halcyon, Inc.	New York Sun Program, NY-Sun	212,558
• •	New York Sun Program, RES-New Const & Adv Tech	13,365
	Workforce Development, SBC OJT New Hires	16,263
Hamilton-Fulton-Montgomery BOCES	Workforce Development, Clean Energy Training for HS	38,591
Hanover Court Cooperative	Multifamily Performance Program, Multifamily	19,750
Harbec Inc	Combined Heat and Power, Harbec Plastics CHP Demonstrat	115,087
	Industrial Process Efficiency Program, Industrial Process Efficiency	10,518
	Innovation Capacity & Business Development, Biomimetic 3D Printing	55,000
	Renewables & DER Interation, Harbec Plastics CHP Demonstrat	368,303
Hardev Petroleum Inc.	Fuel NY, GSP00473 - Hardev Petroleum In	10,000
Harlem River Point North, LLC	Multifamily Performance Program, Multifamily	84,188
Harlem River Point South, LLC	Multifamily Performance Program, Multifamily	62,773
Harlen Housing Associates	Green Jobs Green New York Revolving Loan Fund, Multifamily	16,050
gg	Multifamily Performance Program, Multifamily	197,950
Hartz Mountain Industries	Flexible Technical Assistance Program, Flex Tech - PON1746	8,827
Harvest Power, LLC	New York Sun Program, NY-Sun	5,978
Hazen & Sawyer, P.C.	Industrial Process Efficiency Program, Environment Research	20,739
	Innovation, Deammonification at 26th Ward	167,827
Health Research Inc		55,195
Healthy Home Energy & Consulting Inc.	Energy Analysis, Heat Vulnerability to Climate Workforce Development, PON 2033 OJT	3,394
Healthy Home Energy & Consulting, Inc.		10,000
Heaven Enterprises Inc.	Fuel NY, GSP00535 - Heaven Enterprises	
Hempstead Village Housing Associates, L.	Green Jobs Green New York Revolving Loan Fund, Multifamily	9,600
	Multifamily Performance Program, Multifamily	118,400

Contractor Hempstead Village Housing Associates, L.	Project Description Multifamily Performance Program, Multifamily	Total Expended Amount
Henry F. & Eric D. Huxtable Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	15,955
Herbert Farney & Sons Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	19,344
Hess Corporation	Fuel NY, GSP00046 - Hess Corporation	10,000
	Fuel NY, GSP00051 - Hess Corporation	10,000
	Fuel NY, GSP00058 - Hess Corporation	10,000
	Fuel NY, GSP00061 - Hess Corporation	6,394
	Fuel NY, GSP00076 - Hess Corporation	10,000
	Fuel NY, GSP00081 - Hess Corporation	10,000
	Fuel NY, GSP00087 - Hess Corporation	10,000
	Fuel NY, GSP00090 - Hess Corporation	10,000
	Fuel NY, GSP00091 - Hess Corporation	10,000
	Fuel NY, GSP00094 - Hess Corporation	10,000
	Fuel NY, GSP00102 - Hess Corporation	10,000
	Fuel NY, GSP00107 - Hess Corporation	10,000
	Fuel NY, GSP00298 - Hess Corporation (3	10,000
HEVO Inc.	Clean Transportation, ADVANCED TRANSPORTATION TECHNO	53,715
HFC Hudson Fisonic Corp	Advanced Buildings, Development of Fisonic Device	37,000
Hickory House Tenants Corporation	Multifamily Performance Program, Multifamily	63,300
High Falls Operating Co, LLC	Industrial Process Efficiency Program, Industrial Process Efficiency	24,175
High Peaks Solar	New York Sun Program, NY-Sun	47,369
	New York Sun Program, PV Incentive Program	9,016
	New York Sun Program, RES-New Const & Adv Tech	138,540
High Tech Rochester Inc.	Innovation Capacity & Business Development, NYSERDA Entrepreneur	98,086
	Innovation Capacity & Business Development, Proof-of-Concept Center	370,750
Hill Enterprises Inc.	Fuel NY, GSP00765-001 - Hill Enterprise	10,000
Hillside/Roosevelt, LLC	Multifamily Performance Program, Multifamily	0
Hilltop Village	Green Jobs Green New York Revolving Loan Fund, Multifamily	15,540
······op ·····age	Multifamily Performance Program, Multifamily	88,060
Hilton Garden Inn	Flexible Technical Assistance Program, FlexTech - PON1746	10,750
Hobart and William Smith Colleges	Environmental Research, Mercury Dynamics in Finger Lak	16,527
Hodgson Russ LLP	New York Green Bank, Green Bank Outside Legal Serv.	0,027
Holland & Knight LLP	Green Bank Outside Legal Serv.	61,587
Holland & Kinght LLi	Ü	01,307
Home Innovation Research Labs, Inc.	New York Green Bank, Green Bank Outside Legal Serv.	156,667
Home imovation Research Labs, inc.	Advanced Buildings, Advanced Deep Energy Retrofits	40,000
	Advanced Buildings, Extended Plate & Beam Wall Sys	-16,667
Home Creft Futoriora Plus Inc	Renewables & DER Interation, Advanced Deep Energy Retrofits	
HomeCraft Exteriors Plus Inc	New York Sun Program, NY-Sun	7,687
Homes for New Yorkers, Inc	Multifamily Performance Program, Multifamily	15,016
Homestate Asset Management LLC	Multifamily Performance Program, Multifamily	70.400
Honeywell International Inc.	Assisted Home Performance with Energy Star, QA Services HPwES an	73,408
	Empower, Program Implementation Service	2,173,832
	Home Performance with Energy Star, QA Services HPwES and NYESH	371,410
	New York ENERGY STAR Homes, QA Services HPwES and NYESH	52,135
Horizon Engineering Assoc. LLP	Flexible Technical Assistance Program, FlexTech Consultant Selection	11,425
Horizon Solutions LLC	New Construction Program, NCP12753 - New Horizon Solutio	16,368
Hospice Buffalo, Inc.	New Construction Program, NCP10467 - 225 Como Park Blvd	12,328
Howard Wind LLC	Large Scale Renewables, 8th RPS Main Tier Solicitation	95,571
	Large Scale Renewables, Howard Wind Farm	818,458
	Large Scale Renewables, Howard Wind Farm - Expansion	114,029
HP Collidge Maloney Road LLC	Multifamily Performance Program, Multifamily	86,100

Contractor HP Collidge Maloney Road LLC	Project Description Multifamily Performance Program, Multifamily	Total Expended Amount
HP Mile	Industrial Process Efficiency Program, Industrial Process Efficiency	12,278
HPP NY I	Residential PV, PV System @ Fed Ex 29-01 Borde	54,041
	Residential PV, PV System @ FedEx Phase 2	66,771
Hudson Gateway II, LLC	Multifamily Performance Program, Multifamily	0
Hudson Gateway III LLC	Multifamily Performance Program, Multifamily	57,400
Hudson Headwaters Health Network	New Construction Program, NCP11187 - Warrensburg Health	22,183
Hudson PLG, LLC	Multifamily Performance Program, Multifamily	238,299
Hudson Solar	New York Sun Program, NY Sun	5,765
	New York Sun Program, NY-Sun	657,402
	New York Sun Program, RES-New Const & Adv Tech	240,956
	NY Sun- Competitive PV, PV System at Watchtower Bible	57,701
	Workforce Development, GJGNY OJT	2,195
Hudson Valley Clean Energy Inc.	New York Sun Program, PV Incentive Program	11,576
Hudson Valley Federal Credit Union	New Construction Program, NCP12852 - HVFCU Poughkeepsie	7,200
Huron Real Estate Associates, LLC	Industrial Process Efficiency Program, Industrial Process Efficiency	55,830
,	Industrial Process Efficiency Program, Resiliency & Emergency Prepare	25,893
HVB Leasing Corp.	Green Jobs Green New York Revolving Loan Fund, Multifamily	374,115
Hydronic Specialty Supply	Advanced Buildings, Logwood Boiler Res & Com. App	35,000
Try at office and offi		0
Hyland Facility Associates	Environmental Research, Logwood Boiler Res & Com. App Large Scale Renewables, RFP 2226-RPS Purchase of RE At	155.990
I-Square, LLC		134,247
r-Square, ELG	Cleaner Greener Communities, CGC32476 - I-Square	
IDO En ele corte e DO	New Construction Program, NCP10619 - I Square	16,147
IBC Engineering PC	Flexible Technical Assistance Program, FlexTech Consultant Selection	61,943
Iberdrola Renewables Inc.	Large Scale Renewables, Hardscrabble Wind Energy	580,135
	Large Scale Renewables, Hardscrabble Wind Power LLC	685,457
IBM Corporation	Flexible Technical Assistance Program, Flex Tech - PON1746	6,000
ICF Incorporated LLC	Combined Heat and Power, Assignment from EEA to ICF	10,000
ICF Resources, LLC	Administration OH, RFQL and RFP 1224	114
	Clean Transportation, RFQL and RFP 1224	50,734
	Evaluation, Eco. & Env. Impact Evaluation	179
	Existing Facilities Program, Technical Review and Program S	40,039
	Innovation, Flex Energy Tech Analysis 2	14,102
	Market Pathways, Impl of Lighting Mid Partners	580,166
	Market Pathways, Implementation contractor for	250,760
Ideal Diary Farms, Inc.	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	9,108
IGM Holdings, Inc.	Green Jobs Green New York Revolving Loan Fund, PON 2033 OJT	22,382
Industrial Economics, Incorporated	Clean Transportation, Evaluation Contractor for T&MD	39,731
	Energy Analysis, Flex Energy Tech Analysis 2	9,728
	Evaluation, Evaluation Contractor for T&MD	513,349
	Evaluation, Flex Energy Tech Analysis 2	1,526
	Innovation Capacity & Business Development, Flex Energy Tech Analys	9,065
	Innovation, Flex Energy Tech Analysis 2	1,526
	Modeling and Analytics, Flex Energy Tech Analysis 2	57,676
	Smart Grid Systems, Flex Energy Tech Analysis 2	25,912
Infinity Solar Systems, LLC	New York Sun Program, NY-Sun	12,397
	New York Sun Program, RES-New Const & Adv Tech	6,867
Ingram Micro Inc	New Construction Program, NCP12457 - Ingram Micro	17,401
Innovated Energy Solutions	New York Sun Program, NY-Sun	5,088
	New York Sun Program, RES-New Const & Adv Tech	65,250
Innovative Energy Systems, LLC	Large Scale Renewables, DANC LFGE	228,852

Contractor Innovative Energy Systems, LLC	Project Description Large Scale Renewables, DANC LFGE	Total Expended Amount
Institute for Building Technology and Sa	Green Jobs Green New York Revolving Loan Fund, Training, Field Exa	35,354
Intellastar, LLC	Existing Facilities Program, Dynamic Load Profile Optomizer	8,000
IntelliGen Power Systems, LLC	Combined Heat and Power, CHPA - AVA High Line	170,000
Intelligent Green Solutions	Renewable Thermal, NY-Sun	652,457
	Renewable Thermal, RES-New Const & Adv Tech	106,984
Intergrow Greenhouses	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	250,000
International Business Machines,	Industrial Process Efficiency Program, Industrial Process Efficiency	585,618
International Electronic Machines Corp.,	Clean Transportation, Optical Wheel Flaw Detection	37,278
International Paper	Energy Analysis, Regional Economic Development	525,000
Interplay Energy LLC	Workforce Development, Workforce Development	13,625
Interstate Renewable Energy Council, Inc	Workforce Development, Implementation Support for WFD	153,404
Intertek Testing Services		70,000
	Clean Transportation, Wind Test Center	1,165,000
Intrepid Museum Foundation	Combined Heat and Power, Distributed Generation as CHP	
Intrinsiq Materials, Inc.	Innovation Capacity & Business Development, Advanced Clean Power	92,016
Investors Hollands of Inc.	Innovation Capacity & Business Development, EEM of Printed Circuit B	116,000
Inverters Unlimited, Inc.	New York Sun Program, NY-Sun	6,300
	New York Sun Program, RES-New Const & Adv Tech	9,180
Invictus Electrical, LLC	New York Sun Program, NY-Sun	30,000
Inwood Gas Inc.	Fuel NY, GSP00745 - Inwood Gas Inc.	8,000
loxus, Inc.	Clean Transportation, Thermally optimized Ultracap	142,873
Isaac Heating and Air Conditioning, Inc.	New York Sun Program, RES-New Const & Adv Tech	10,918
Ithaca Carshare, Inc.	Clean Transportation, Low-Carbon Travel Choices	3,836
Ithaca College	Advanced Buildings, Contractor-Led Social Marketin	28,940
ITT Industries	Industrial Process Efficiency Program, Industrial Process Efficiency	37,002
J P Morgan Chase Bank	Existing Facilities Program, Existing Facilities Program -	151,369
	Flexible Technical Assistance Program, Flex Tech - PON1746	55,235
	Flexible Technical Assistance Program, FlexTech - PON1746	48,440
Jack Jones	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	13,748
Jack Resnick & Sons, Inc.	Existing Facilities Program, EFP2109-Tenbar Ass; 110 E.59th	93,500
James Brigandi	Residential PV, RES-New Const & Adv Tech	13,714
James Street Apartments, LLC	Multifamily Performance Program, Low/Moderate Income	2,786
	Multifamily Performance Program, Multifamily	1,680
Jay Bennett	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	15,539
Jefferson Community College	Workforce Development, Energy Technology Certificate	18,911
Jeffrey L Kinzler	Clean Transportation, Urban Intermodal Freight Sys	26,259
Jerusalem Convenience Inc.	Fuel NY, GSP00420 - Jerusalem Convenien	10,000
Jerusalem Petroleum Corp.	Fuel NY, GSP00700 - Jerusalem Petroleum	10,000
Jetro Holdings LLC	New Construction Program, NCP12164 - Restaurant Depot Ro	37,859
Jewish Board of Family & Children's Serv	Existing Facilities Program, EFP2145-Jewish Board of Family	75,567
JFK AP LLC	Fuel NY, GSP00233 - JFK AP LLC	7,950
JFK Hotel Owner, LLC	Flexible Technical Assistance Program, FlexTech - PON1746	11,493
JJ Unlimited	Clean Transportation, Institutionalizing Integrated	76,868
JMB Fuel Corp.	Fuel NY, GSP00747 - JMB Fuel Corp	
JNG Service Inc.	Fuel NY, GSP00751 - JNG Service Inc.	9,360
John G. Kellett Jr	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	2,704
John M. Verba	New York Sun Program, NY-Sun	11,704
	New York Sun Program, RES-New Const & Adv Tech	3,765
Johnson Controls Inc.	Existing Facilities Program, EFP1824 - Johnson Controls	183,804
	Existing Facilities Program, EFP2033 - Johnson Controls	116,086
Johnson Controls, Inc. (Syracuse)	Existing Facilities Program, EFP2199 - Johnson Controls Inc Agriculture Fnergy Efficiency Program, Agriculture Energy Efficiency	281,693

Contractor Johnson Controls, Inc. (Syracuse)	Project Description Existing Facilities Program, EFP2199 - Johnson Controls Inc	Total Expended Amount
Joseph Lyon	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	15,265
JS Petroleum & Food Corp.	Fuel NY, GSP00753 - JS Petroleum & Food	8,786
JSB Realty No 2 LLC	New Construction Program, NCP12640 - Linden Center	20,300
Kabir's LLC	New Construction Program, NCP12159 - Holiday Inn Express	11,781
Kaleida Health	Flexible Technical Assistance Program, 1746EPS1SB	5,000
Karpman Consulting, LLC	New Construction Program, Model Quality Assurance for NC	9,826
	Workforce Development, WF Training Energy Efficiency	54,359
Kasselman Solar LLC	New York Sun Program, NY-Sun	208,365
	New York Sun Program, RES-New Const & Adv Tech	21,816
Kazi Inc.	Fuel NY, GSP00772 - Kazi Inc.	10,000
KEMA Services, Inc.	Market Pathways, Implementation Contractors for	158,937
Kenmore-Tonawanda Union Free School Dist	Clean Transportation, Kenmore-Tonawanda SCD-PON 1896	98,600
Kenneth C Mangine	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	5,296
Kenneth DeBlock Jr.	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	10,613
Kevin Quinn	New York Sun Program, NY-Sun	19,136
	New York Sun Program, PV Incentive Program	7,560
	New York Sun Program, RES-New Const & Adv Tech	12,808
Kickstart Caf Inc.	Fuel NY, GSP00679 - Kickstart Cafe dba	10,000
Kilowatt Engineering, Inc.	Existing Facilities Program, Technical Review and Program S	57,058
3	Industrial Process Efficiency Program, Technical Review and Program S	20,424
Kilowatt Financial, LLC	New York Sun Program, NY-Sun	760,387
,	New York Sun Program, PV Incentive Program	30,250
	New York Sun Program, RES-New Const & Adv Tech	114,638
Kim Nelson Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	7,442
Kingston, City of	Cleaner Greener Communities, CGC29936 - City of Kingston	23,500
Kirchhoff Green Energy, LLC	New York Sun Program, NY-Sun	25,116
Kirchhoff Properties LLC	New Construction Program, NCP10782 - MHMG Ulster	73,760
KLD Engineering, P.C.	Clean Transportation, Transportation Resiliency	5,426
Knollwood Associates LLC	Multifamily Performance Program, Multifamily	224.000
Kreher's Sunrise Farm, LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	11.785
L.I. Gas Station Management Inc.	Fuel NY, GSP00393 - LI Gas Station Mana	9,932
L&S Energy Services, Inc.	Anaerobic Digester Program, RPS-CST Quality Assurance/Qual	7,250
Eac Energy Convices, Inc.		3,259
	Combined Heat and Power, . Combined Heat and Power, FlexTech Consultant Selection	10,032
	,	20,214
	Combined Heat and Power, Technical Review and Program S	
	Emerging Technology / Accelerated Commercializatio, Technical Revie	22,465
	Existing Facilities Program, .	11,570
	Existing Facilities Program, Technical Review and Program S	21,024
	Flexible Technical Assistance Program, FlexTech Consultant Selection	55,575
	Flexible Technical Assistance Program, Technical Review and Program S	224,531
	Green Jobs Green New York Revolving Loan Fund, L&S Energy Service	189,800
	Industrial Process Efficiency Program, .	28,947
	Industrial Process Efficiency Program, Technical Review and Program S	80,361
	New Construction Program, Technical Assistance Services.	148,371
	Renewable Heat NY, Technical Review and Program S	2,811
LaBella Associates, P.C.	Emerging Technology / Accelerated Commercializatio, Existing Facilities	16,553
	Existing Facilities Program, Existing Facilities Tech Assis	2,017
	Existing Facilities Program, Technical Review and Program S	26,535
	Flexible Technical Assistance Program, FlexTech Consultant Selection	7,207
	Green Jobs Green New York Revolving Loan Fund, Technical Review a	5,681

Contractor	Project Description Green Jobs Green New York Revolving Loan Fund, Technical Review a	Total Expended Amount
LaBella Associates, P.C.	Industrial Process Efficiency Program, Existing Facilities Tech Assis	11,120
	Industrial Process Efficiency Program, Industrial Process Efficiency	11,860
	Industrial Process Efficiency Program, Technical Review and Program S	32,964
Lafayette-Boynton Apartment Corporation	Multifamily Performance Program, Multifamily	0
Lagoner Farms Inc.	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	37,064
Lake Breeze Fruit Farms Inc	New Construction Program, NCP12363 - Lake Breeze Phase 2	72,765
Lamb Farms Inc.	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	4,571
	Anaerobic Digester Program, Lamb Farms Inc. Scrubber	15,038
Lampros Solar, LLC	New York Sun Program, NY-Sun	8,526
Laurelton Gardens Corp.	Multifamily Performance Program, Multifamily	134,400
Lawnhurst Farms	Anaerobic Digester Program, 21426 - Lawnhurst Energy Biodi	225,943
LC DRives		98,622
	Innovation Capacity & Business Development, Wind Turbine Generator	2,102
LCE BioEnergy LLC	Clean Transportation, DME Fuel study	
Lecesse Construction Services	Home Performance with Energy Star, RES-New Const & Adv Tech	19,950
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	179,550
Leon Button	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	21,928
Lester Tyler	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	10,417
Level 3 Communications	Industrial Process Efficiency Program, Industrial Process Efficiency	28,038
Level Solar Inc.	New York Sun Program, NY-Sun	5,900
	New York Sun Program, RES-New Const & Adv Tech	5,483
Leviton Manufacturing Co, Inc.	Clean Transportation, Electric Vehicle Supply Equipm	369,522
Lewis Custom Homes, Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	3,000
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	27,000
Liberty Petroleum Realty LLC	Fuel NY, GSP00559 - Liberty Petroleum	9,922
	Fuel NY, GSP00561 - Liberty Petroleum R	9,922
Libolt & Sons, Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	1,600
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	14,400
Lightwave Energy, LLC	Existing Facilities Program, EFP2444 - Lightwave Energy LLC	158,030
	Existing Facilities Program, EFP2495 - Lightwave Energy, LL	106,418
Lincoln Square Synagogue	New Construction Program, NCP7069 - Lincoln Square Synag	170,891
LinkedIn	New Construction Program, NCP12158 - 350 5th Avenue Link	22,320
Lionano Inc.	Clean Transportation, High Performance Anode Materia	55,461
Lloyd Hamilton	Renewables & DER Interation, Advanced Deep Energy Retrofits	55,000
Local 32BJ Thomas Shotman Training, Scho	Green Jobs Green New York Revolving Loan Fund, GJGNY NYS Regist	11,845
Lockheed Martin Missions System	Smart Grid Systems, EPTD Smart Grid Program	250,000
Lockheed Martin Services, Inc.	Administration OH, Hotline and Fulfillment Servic	119,045
	Market Pathways, New York Products Program	300,694
	Statewide Residential Point of Sale, New York Products Program	197,857
Lockwood's Greenhouse & Farm LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	47,045
Loeb & Loeb LLP	New York Green Bank, Green Bank Outside Legal Couns	33,663
Long Island High Technology Incubator	Clean Transportation, Clean Energy Business Incubato	80,000
Long Island Power Solutions	New York Sun Program, NY-Sun	16,750
Long Island Progressive Coalition	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	232,665
Longwood Residences	Multifamily Performance Program, Multifamily	231,875
Lorac House Inc	Multifamily Performance Program, Multifamily	54,824
Lorne John Brousseau	New York Sun Program, NY-Sun	7,168
Lotus Energy, Inc.	New York Sun Program, NY-Sun	98,766
	New York Sun Program, RES-New Const & Adv Tech	9,215
Lower East Side Girls Club	New Construction Program, NCP2297 - Lower Eastside Girls	145,260
LSI Solutions	New Construction Program, NCP12543 - LSI Solutions Offic	12,245
	Fuel NY, @3P00490-001 - LUKOIL North Am	12,2 70

Contractor LSI Solutions	Project Description New Construction Program, NCP12543 - LSI Solutions Offic	Total Expended Amount
Lukoil North America LLC	Fuel NY, GSP00490-001 - LUKOIL North Am	9,872
	Fuel NY, GSP00490-002 - LUKOIL North Am	9,862
	Fuel NY, GSP00490-003 - LUKOIL North Am	9,862
	Fuel NY, GSP00490-006 - LUKOIL North Am	9,862
	Fuel NY, GSP00490-007 - LUKOIL North Am	9,862
Luthin Associates, Inc.	Existing Facilities Program, C&I Buildings Outreach	1,336,423
M.J. Bradley & Associates	Clean Transportation, Policy Study on EV Grid & Inte	30,456
M/E Engineering, P.C.	Existing Facilities Program, Technical Review and Program S	9,055
	Flexible Technical Assistance Program, FlexTech Consultant Selection	59,515
	Industrial Process Efficiency Program, Technical Review and Program S	5,699
	New Construction Program, Technical Assistance Services	147,000
Macy's Inc.	Existing Facilities Program, EFP1750 - Macy's	20,876
		35,000
Maicho Management Co., Inc. Majestic Son & Sons, Inc.	Clean Transportation, PON 2290: Ganada Station E85	5,232
	New York Sun Program, NY-Sun	6,890
Malcarne Contracting, Inc. Malcolm Pirnie, Inc.	Green Jobs Green New York Revolving Loan Fund, PON 2033 OJT	2,335
watcom Firme, mc.	Agriculture Energy Efficiency Program, EFP Task Work Orders	
	Combined Heat and Power, EFP Task Work Orders	1,674
	Existing Facilities Program, EFP Task Work Orders	20,791
	Existing Facilities Program, Existing Facilities Tech Assis	4,392
	Flexible Technical Assistance Program, EFP Task Work Orders	16,186
	Flexible Technical Assistance Program, FlexTech Consultant Selection	31,042
	Fuel NY, EFP Task Work Orders	319,638
	Industrial Process Efficiency Program, EFP Task Work Orders	6,415
Mall at Smith Haven LLC	Existing Facilities Program, EFP2294 - 313 Smith Haven Mall	42,112
Mallards Dairy LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	15,081
Manhattan Center Studios Inc.	Flexible Technical Assistance Program, Flex Tech - PON1746	26,616
Manhattan College	New Construction Program, NCP10214 - Student Commons (Ma	37,832
Manhattan LW Hotel Associates, LP	New Construction Program, NCP10669 - Avia Hotel	110,522
Manheim Remarketing Inc.	NY Sun- Competitive PV, New York Sun Competitive PV Pr	178,012
Mannino Electric, Inc.	New York Sun Program, NY-Sun	5,880
Maple Mesa, LLC	Multifamily Performance Program, Multifamily	31,478
Marble River Wind Farm LLC	Large Scale Renewables, Marble River Wind Farm	4,905,130
Marina Towers Associates, LP	Green Jobs Green New York Revolving Loan Fund, Multifamily	64,200
	Multifamily Performance Program, Multifamily	363,800
Mark Akins	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	28,931
Mark's Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	106,900
Marriott Hotel Services	Existing Facilities Program, EFP2430-NY LaGuardia Airport M	31,036
Marsh Hill Energy, LLC	Large Scale Renewables, 8th RPS Main Tier Solicitation	1,025,584
Marshall & Sterling, Inc.	Administration OH, Property Liability and Other	139,974
Massapequa Park Service Center Inc.	Fuel NY, GSP00776 - Massapequa Park Ser	13,000
Matthew Brennan	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	11,676
Matthew D. Bullwinkel	Renewable Thermal, RES-New Const & Adv Tech	7,203
MBB Services Inc.	Fuel NY, GSP00750 - MBB Service Inc.	9,540
McAlpin Industries Inc	Industrial Process Efficiency Program, Industrial Process Efficiency	18,585
MCB Clean Room Solutions LLC	Advanced Buildings, Next Gen Technologies for End-	5,967
Mcdave 1738 Inc.	Fuel NY, GSP00708 - Mcdave 1738 Inc.	10,000
McDonalds Corp	Existing Facilities Program, EFP2419 - McDonalds; multi	58,305
McKnight's River Breeze Farm, LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	36,151
Mechanical Solutions, Inc.	Advanced Buildings, Super Charger for Cold Climate	73,157
MEG Control Products, LLC		5,000
Meister Consultants Group, Inc.	Advanced Buildings, Demo of Solid-State lighting Workforce	5,000

Contractor MEG Control Products, LLC	Project Description Advanced Buildings, Demo of Solid-State lighting	Total Expended Amount
Meister Consultants Group, Inc.	Workforce Development, NY-SUN PVBOS Training and Educ	590,118
Melville Fuel Inc.	Fuel NY, GSP00471 - Melville Fuel Inc.	9,863
Memorial Hospital for Cancer & Allied Di	Existing Facilities Program, Existing Facilities Program -	92,604
	New Construction Program, NCP10350 - MSK Harrison	53,327
Memorial Sloan Kettering Cancer Center	Existing Facilities Program, EFP2108 - Memorial Sloan Kette	287,672
	Flexible Technical Assistance Program, FlexTech - PON1746	28,125
Menands Associates, LP	Multifamily Performance Program, Multifamily	103,000
Mercury Solar Systems, Inc.	Residential PV, RES-New Const & Adv Tech	16,928
Mercy Gas Inc.	Fuel NY, GSP00706 - Mercy Gas Inc.	7,002
Mesa Bioenergy Supply, LLC	Renewable Heat NY, Biomass Drying Demo	179,000
METRO NY DEALER STATIONS, LLC	Fuel NY, GSP00144-001 - Metro NY Dealer	9,995
	Fuel NY, GSP00145-001 - Metro NY Dealer	9,872
	Fuel NY, GSP00145-002 - Metro NY Dealer	9,872
	Fuel NY, GSP00145-004 - Metro NY Dealer	9,862
	Fuel NY, GSP00145-005 - Metro NY Dealer	9,987
	Fuel NY, GSP00145-008 - Metro NY Dealer	9,862
	Fuel NY, GSP00147-007 - Metro NY Dealer	9,995
MetroHealth Homes Housing	Multifamily Performance Program, Multifamily	71,279
Metzger & Sons, LLC	Multifamily Performance Program, Multifamily	33,900
Michael J. Hooper	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	14.667
Michael Leuze	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	8,111
Michael McDonough Architect PC	Innovation Capacity & Business Development, ZEPTHA	30,000
Mill Street Housing, LLC	Multifamily Performance Program, Multifamily	12,600
MINI LLC		-19,172
MJJ Builders Corp	Clean Transportation, Advanced Energy Systems for NY	14,900
widd Builders Corp	Home Performance with Energy Star, RES-New Const & Adv Tech	
BARAT Cottile Inc	New York ENERGY STAR Homes, RES-New Const & Adv Tech	134,100
MMT Cattle Inc	Agriculture Energy Efficiency Program, AEEP - Pre Enc	· · · · · · · · · · · · · · · · · · ·
Modern Innovative Energy, LLC	Large Scale Renewables, Modern LFGE	105,508
Mohawk Innovative Technology, Inc.	Renewables & DER Interation, Innovation - CleanTransportat	756
Mohawk Paper Mills, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	47,028
Monolith Solar Associates, LLC	New York Sun Program, NY Sun	10,962
	New York Sun Program, NY-Sun	399,271
	New York Sun Program, PV Incentive Program	155,428
	New York Sun Program, RES-New Const & Adv Tech	1,553,835
Morgan Depot Plaza LLC	New Construction Program, NCP12002 - Tops Irondequoit	10,856
Morgan Stanley	Flexible Technical Assistance Program, FlexTech Program	54,525
	Industrial Process Efficiency Program, Industrial Process Efficiency	105,719
	New Construction Program, NCP11108 - 1 NY Plaza Phase On	28,448
	New Construction Program, NCP12602 - 1585 Broadway Floor	17,240
Moserdale Dairy	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	58,607
Mount Sinai Medical Center	Existing Facilities Program, EFP2210 - Mt. Sinai Medical Ce	222,307
	Existing Facilities Program, Existing Facilities Program	0
MRP Schuyler, LLC	Multifamily Performance Program, Multifamily	77,000
MS Financing, Inc.	Fuel Cells, Morgan Stanley	100,000
	Residential PV, RPS CST Regional Program	180,446
MSLP II LLC	Industrial Process Efficiency Program, Industrial Process Efficiency	79,978
Mundo Latino Market Inc.	New Construction Program, NCP12722 - Mundo Latino Market	15,850
Mutual Redevelopment Houses, Inc.	Multifamily Performance Program, Multifamily	1,377,000
Natale Builders	Home Performance with Energy Star, Codes & New Construction	8,000
	Home Performance with Energy Star, RES-New Const & Adv Tech	9,000
National Oilheat Research Alliance	Advanced Buildings, Heating and Cooling	

Contractor Natale Builders	Project Description Home Performance with Energy Star, RES-New Const & Adv Tech	Total Expended Amount
National Oilheat Research Alliance	Advanced Buildings, Heating and Cooling	16,477
NationalGrid Energy Management, LLC	New York Sun Program, NY-Sun	16,470
	Residential PV, New York Sun Competitive PV Pr	22,765
Natural Capitalism Solutions, Inc.	Smart Grid Systems, NY Prize Town of East Hampton	25,000
Navigant Consulting Inc.	Smart Grid Systems, Flex Energy Tech Analysis 2	40,000
NaviSite, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	13,402
Nazareth College of Rochester	Existing Facilities Program, Existing Facilities Program -	92,880
NBC Universal LLC	Existing Facilities Program, EFP2218 - NBC Universal - 30	82,856
NECEC Institute	Innovation Capacity & Business Development, Cleantech Commercializ	58,000
Neighborhood Housing Services of Jamaica	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	191,333
Neighborhood Housing Services Staten Isl	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	22,750
IESCAUM	Advanced Buildings, Dev. of Alt. Test methods	46,658
	Clean Transportation, Multi-State ZEV Collaborative:	50,000
	Environmental Research, Performance of Biomass-fired	27,128
New Destiny Housing Corp	Multifamily Performance Program, Multifamily	1,475
New England Waste Services of NY Inc.	Large Scale Renewables, Clinton Co. Landfill	84,391
New Hope View Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	8,280
•	Anaerobic Digester Program, PON 2684 - RPS CST ADG-to-Elec	626,524
New West Technologies, LLC.	Clean Transportation, ADVANCED TRANSPORTATION TECHNO	14,849
3	Clean Transportation, Elect Refrig Transp Network	13,926
	Clean Transportation, Integrating Mobility Strategie	3,905
	Clean Transportation, Thermal Energy Storage for Ele	24,367
New York Academy of Sciences	Innovation Capacity & Business Development, Innovation and Business	71,516
lew York City DOT	Clean Transportation, NYC deliverEASE Equip. Support	7,735
New York City Energy Efficiency Corp	Green Jobs Green New York Revolving Loan Fund, Multifamily	127,980
New York Flower LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	20,100
New York Harbor Health Care Center	Flexible Technical Assistance Program, Flex Tech - PON1746	864,394
New York Marriott Marquis	Existing Facilities Program, EFP1918-Marriott Hotel Srvs. I	18,457
New York Power Authority	Renewables & DER Interation, EPTD Smart Grid Program	1,103,494
New York Presbyterian Hospital	Existing Facilities Program, Existing Facilities Program -	86,076
New York Restoration Project	Greening the Bronx, Greening The Bronx	662,726
New York Solar Solutions LLC	New York Sun Program, NY-Sun	9.000
	Workforce Development, WF Training Energy Efficiency	22,336
New York State Builders Association		23,794
lew York State Marine	Clean Transportation, NYS Canal Marine Freight	14,456
New York State Pollution Prevention Ins	Industrial Process Efficiency Program, Demonstrating & Implementing U	
New York State Solar Farm Inc.	New York Sun Program, NY-Sun	122,271
January Vanda Charles Manthauimetian Directored	New York Sun Program, RES-New Const & Adv Tech	12,066
New York State Weatherization Directors'	Green Jobs Green New York Revolving Loan Fund, Training, Field Exa	35,867
lew York University	Innovation Capacity & Business Development, Clean Tech Transition 4	105,000
	New Construction Program, NCP10672 - NYU School of Denti	258,417
Newark Main LLC	New Construction Program, NCP12733 - Rite Aid Newark 108	8,820
lewport Ventures, Inc.	Advanced Buildings, Ultra High R-value using VPT	33,381
	Advanced Energy Codes, SBC IV Energy Code Training	260,645
	Emerging Technology / Accelerated Commercializatio, Low/Moderate In	77,324
Nexamp Capital, LLC	Residential PV, PV System @ LTF Westchester So	53,484
Nexant, Incorporated	Emerging Technology / Accelerated Commercializatio, Technical Revie	10,900
	Existing Facilities Program, .	71,319
	Existing Facilities Program, Exidting Facilities Tech Assit	705
	Existing Facilities Program, Technical Review and Program S	301,888
	Flexible Technical Assistance Program, Technical Review and Program S	175,466
	Industrial process Efficiency Program, .	

Contractor	Project Description Flexible Technical Assistance Program, Technical Review and Program S	Total Expended Amount
Nexant, Incorporated	Industrial Process Efficiency Program, .	7,717
	Industrial Process Efficiency Program, Technical Review and Program S	61,981
Nextera Energy Capital Holdings Inc	NY Sun- Competitive PV, New York Sun Competitive PV Pr	653,898
NG Growers Inc.	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	34,084
Niagara Falls City School District	New Construction Program, NCP11311 - HJ Kalfas Magnet Sc	39,227
,	New Construction Program, NCP11536 - Niagara Falls High	14,901
Niagara Frontier Transportation Authorit	Integrated Corridor Management	294
Niagara Mohawk Power Corporation	Renewables & DER Interation, EPTD Smart Grid Program	38,545
Niagara Wind & Solar Inc.	New York Sun Program, RES-New Const & Adv Tech	5,000
	Small Wind, Wind Turbine Incentive	253,920
Niagara-Wheatfield School District	Clean Transportation, Clean Air School Bus Program,	48,000
NIC Holding Corp	Data and Markets, NYS Strategic Gasoline Reserve	266,891
Nichols Farm	New Construction Program, NCP12742 - Milking Parlor	9,487
Nicotra 900	Flexible Technical Assistance Program, FlexTech - PON1746	10,250
	·	9,150
Nicotra 1200	Flexible Technical Assistance Program, FlexTech - PON 1746	10,250
Nicotra Hotel II LLC	Flexible Technical Assistance Program, FlexTech - PON1746	,
Nixon Peabody LLP	Innovation Capacity & Business Development, Green Bank Outside Leg	10,875
	New York Green Bank, Green Bank Outside Legal Serv.	4,546
NKG Service Inc.	Fuel NY, GSP00749 - NKG Service Inc.	9,000
NMA Sons, Inc.	Fuel NY, GSP00592 - NMA Sons, Inc.	9,735
NMR Group, Inc.	Evaluation, General Eval Assis. Contractor	141,021
	Green Jobs Green New York Revolving Loan Fund, General Eval Assis	1,678
Noble Wethersfield Windpark, LLC c/o Nob	Large Scale Renewables, Innovation - Smart Grid System	1,597,377
Noblehurst Farms, Inc.	Anaerobic Digester Program, RPS CST ADG-to-Electricity Dai	574,785
NOHMs Technologies, Inc.	Clean Transportation, High-Performance Electrolytes	22,964
	Energy Analysis, Regional Economic Development	604,422
Nomura Holding America Inc	Industrial Process Efficiency Program, Industrial Process Efficiency	294,817
Noresco LLC	Flexible Technical Assistance Program, FlexTech Consultant Selection	451,237
North Broadway Automotive Service	Fuel NY, GSP00395 - North Broadway Auto	9,981
North Riverdale Merchant and Business As	Cleaner Greener Communities, CGC39588 - Riverdale	1,000
Northeast Parent & Child Society, Inc.	Workforce Development, Clean Energy Training for HS	17,648
	Workforce Development, PON 2774 Career Pathways	32,814
	Workforce Development, WF Training Energy Efficiency	69,748
Northeast Smart Energy, LLC	New York Sun Program, NY-Sun	5,476
Northeast States for Coordinated Air Use	Energy Analysis, NY climate clearinghouse	55,571
	Environmental Research, Energy Related Air Quality	42,308
Northeast Wind Partners II LLC	Large Scale Renewables, Innovation - Smart Grid System	138,237
	Large Scale Renewables, Steel Winds II	283,600
NorthWrite Inc.	Advanced Buildings, Small Building Controls	15,000
Norwich Pharmaceutical, Inc.	Industrial Process Efficiency Program, Industrial and Process Efficie	6,364
Novel Approaches Solar Applications, LLC	New York Sun Program, NY-Sun	24,868
Novorocs Technologies LLC	Innovation Capacity & Business Development, Advanced Clean Power	222,582
	Innovation Capacity & Business Development, Synthetic Fuels from Flar	40,000
Novus Engineering, P.C.	Flexible Technical Assistance Program, FlexTech Consultant Selection	14,098
3 ··· 3 /	New Construction Program, NCP TA Services	29,615
NRG Residential Solar Solutions, LLC	New York Sun Program, NY-Sun	610,631
	*	4,617
	New York Sun Program, PV Incentive Program	411,218
NDD Contractors II C	New York Sun Program, RES-New Const & Adv Tech	
NRP Contractors LLC	Home Performance with Energy Star, Multifamily Program	12,800
	New York ENERGY STAR Homes, Multifamily Program	115,200

Contractor NRP Contractors LLC	Project Description New York ENERGY STAR Homes, Multifamily Program	Total Expended Amount
NY FUEL DISTRIBUTORS, LLC	Fuel NY, GSP00140-002 - NY Fuel Distrib	9,852
	Fuel NY, GSP00140-007 - NY Fuel Distrib	9,852
	Fuel NY, GSP00141-005 - NY Fuel Distrib	9,872
NYC & Lower Hudson Valley Clean Communit	Clean Transportation, Battery Lease Feasibility and	27,775
	Clean Transportation, Electric Vehicle Supply Equipm	29,586
NYC Department of Education	Workforce Development, Clean Energy Training for High	108,898
NYC Partnership Housing Dev. Fund Co.	Multifamily Performance Program, Multifamily	350,068
NYCO Minerals Incorporated	Industrial Process Efficiency Program, Industrial Process Efficiency	56,364
NYS Economic Development Council	Cleaner Greener Communities, EDGE Program Support Services	89,142
	Cleaner Greener Communities, EDGE Territory 1	428,014
	Cleaner Greener Communities, EDGE Territory 2	357,113
NYS Labor Management Cooperation Committ	Workforce Development, WF Training Energy Efficiency	73,821
	Workforce Development, Workforce Development and Trai	5,974
NYS Office of General Services	New Construction Program, NCP11984 - OGS Building 5	30,000
NYS Office of Parks, Recreation and	New York Sun Program, RES-New Const & Adv Tech	70,000
NYS OGS Utilities Management	Environmental Research, Support for finalizing SGEIS	1,100,732
NYS Weatherization Directors Association	Workforce Development, WF Training Energy Efficiency	93,996
NYSANDY3 NBP5 LLC	Multifamily Performance Program, Multifamily	9,219
NYSANDY4 NBP20 LLC	Multifamily Performance Program, Multifamily	8,108
NYSANDY4 NBP23 LLC	Multifamily Performance Program, Multifamily	8,591
NYU Hospital Center	New Construction Program, NCP10020 - Tisch Hospital Exte	23,750
NYU Hospitals Center	New Construction Program, NCP9245 - Emergency Department	24,728
O'Brien & Gere Engineers, Inc.	Flexible Technical Assistance Program, FlexTech Consultant Selection	167,605
O'Connell Electric Company	New York Sun Program, NY-Sun	102,176
2 common 2.com a company	New York Sun Program, RES-New Const & Adv Tech	70,431
Oakvale Construction Co. Ltd.	Large Scale Renewables, Black Brook Hydro	26,025
Ocean Towers Partners LLC	Green Jobs Green New York Revolving Loan Fund, Multifamily	27,000
	Multifamily Performance Program, Multifamily	153,000
Octagon, L.P.	Combined Heat and Power, Octagon Park Apartments CHP De	12,370
OK Gas Mart Inc.	Fuel NY, GSP00530 - OK Gas Mart Inc.	8,060
OLA Consulting Engineers, P.C.	Combined Heat and Power, FlexTech Consultant Selection	7,431
OLA CONSUMING ENGINEERS, 1.C.	Flexible Technical Assistance Program, FlexTech Consultant Selection	32,227
		923
	Flexible Technical Assistance Program, Resiliency & Emergency Prepare	30,339
Olympia Thyse Inc	New Construction Program, NCP TA Services - OLA 20136	10,000
Olympic Three Inc.	Fuel NY, GSP00428 - Olympic Three Inc.	22,870
Omniafiltra One City Pleak I.I.C	Industrial Process Efficiency Program, Industrial Process Efficiency	
One City Block LLC	Industrial Process Efficiency Program, Industrial and Process Efficie	79,712
One Oten Betwelling Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	80,643
One Stop Petroleum Inc.	Fuel NY, GSP00421 - One Stop Petroleum	10,000
OnForce Solar	New York Sun Program, NY-Sun	7,216
	New York Sun Program, RES-New Const & Adv Tech	67,360
	Residential PV, New York Sun Competitive PV Pr	154,829
	Residential PV, PV System at ASI Specialties,	150,004
	Residential PV, PV System at Victory Food Serv	0
	Residential PV, RPS CST Regional Program	368,559
Opinion Dynamics Corporation	Evaluation, Commercial Statewide Baseline	91,112
Orange County	Cleaner Greener Communities, CGC28315 - Orange County	16,533
Ortho Clinical Diagnostics, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	32,290
Outdoor Group Properties LLC	New Construction Program, NCP11929 - Elite Archery (Outd	7,425
Owego Apalachin CSD	Industrial Process Efficiency Program, Industrial Process Efficiency Industrial Recess Efficiency Program, Industrial and Process Efficie	31,000

Contractor Owego Apalachin CSD	Project Description Industrial Process Efficiency Program, Industrial Process Efficiency	Total Expended Amount
Owl Wire Cable, Inc.	Industrial Process Efficiency Program, Industrial and Process Efficie	65,210
Pace University Energy & Climate Center	Combined Heat and Power, Logistic Support for CHP	39,100
Pacific Solar LLC	New York Sun Program, RES-New Const & Adv Tech	23,965
Palmer Service Station Inc.	Fuel NY, GSP00593 - Palmer Service Stat	13,000
Palmetto Hospitality of Manhattan LLC	New Construction Program, NCP10166 - Fairfield Inn & Sui	92,009
Paradise Energy Solutions, LLC	New York Sun Program, NY-Sun	55,260
. aradice Energy conditions, 220	New York Sun Program, RES-New Const & Adv Tech	310,092
Pareto Energy LTD	Smart Grid Systems, Power Electronic Interconnect	49,500
Park Terrace Gardens, Inc	Multifamily Performance Program, Multifamily	119,100
Park Terrace Owners Corp	Multifamily Performance Program, Multifamily	50,400
Pathfinder Engineers & Architects, LLP	New Construction Program, Technical Assistance Services	67,344
Pathstone Corporation	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	89,142
Patrick Wegerski	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	16,272
PatterSun NY LLC	NY Sun- Competitive PV, PV System at Patterson Landfil	119,129
		3,300
Pawling Central School District Peninsula Services Inc.	Clean Transportation, Clean Air School Bus Program,	9,315
	Fuel NY, GSP00158 - Peninsula Services	33,799
Penn Yann Central School District	Clean Transportation, Penn Yan CSD - PON 1896	77,547
People United for Sustainable Housing In	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	
Perarson Capital Partners, LLC	Multifamily Performance Program, Multifamily	0
Performance Systems Development, Inc.	Existing Facilities Program, Technical Review and Program S	889
	Workforce Development, WF Training Energy Efficiency	16,524
Perinton Manor LLC	Multifamily Performance Program, Multifamily	224,000
Petrogas Group	Fuel NY, GSP00784 - Petrogas Group	6,185
Pfister Energy, Inc.	Small Wind, Wind Turbine Incentive	7,960
PGREF I 1633 Broadway Tower, LP	Existing Facilities Program, Existing Facilities Program -	166,246
Philips Real Estate	Flexible Technical Assistance Program, FlexTech Program - PON1746	5,188
Phipps Houses	Multifamily Performance Program, RES-Multifam(no longer in use)	15,206
Phyllis E. Underwood	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	134,060
Picker Properties	NY Sun- Competitive PV, PV System @ Nick Pak	191,057
Pilliar Services Inc.	Fuel NY, GSP00403 - Pilliar Services In	9,119
Pine Aire Gas & Convenience Corp.	Fuel NY, GSP00722 - Pine Aire Gas & Con	9,400
Pliant Energy Systems LLC	Innovation Capacity & Business Development, Core Frond Hydrokinetic	73,872
Polytechnic University,	Innovation Capacity & Business Development, Proof-of-Concept Center	402,500
Pominvilles Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	10,374
Poseidon Systems, LLC	Clean Transportation, Commercialization Option Progr	4,687
	Clean Transportation, Renewable, Clean Energy and En	79,086
	Innovation Capacity & Business Development, Advanced Clean Power	6,000
	Renewables & DER Interation, Environmentally-Preferred Powe	40,997
PosiGen LLC	New York Sun Program, NY-Sun	91,334
	New York Sun Program, RES-New Const & Adv Tech	65,820
Positive Energy NY, LLC	New York Sun Program, NY-Sun	74,051
	New York Sun Program, RES-New Const & Adv Tech	24,515
Power Guru, LLC	New York Sun Program, NY-Sun	6,656
Power Management Co., LLC	Existing Facilities Program, EFP2247 - 1600 Moseley Rd	96,733
PowerHub Systems	Clean Transportation, High Density SiC Power Convert	69,000
Powerlutions, LLC	New York Sun Program, RES-New Const & Adv Tech	174,343
	Residential PV, RES-New Const & Adv Tech	20,700
PPD Partners LLC	Multifamily Performance Program, Multifamily	34,800
Prag Realty of NY, Inc	Multifamily Performance Program, Multifamily Building Performan	28,220
Pratt & Whitney Advanced Coating Technol	New Construction Program, NCP12483 - Spray Manufacturing	71,760
Praxis Housing Initiatives, Inc.	Multifamill ∕₂ §erformance Program, Multifamily	

Contractor Pratt & Whitney Advanced Coating Technol	Project Description New Construction Program, NCP12483 - Spray Manufacturing	Total Expended Amount
Praxis Housing Initiatives, Inc.	Multifamily Performance Program, Multifamily	21,404
Precision Electro Minerals Co. (PEMCO)	Renewables & DER Interation, Making Solar Si for PV in NY	64,957
Premier Solar Solutions LLC	New York Sun Program, NY-Sun	5,952
Prestige Petroleum Corporation	Clean Transportation, PON 2290: Wappingers Valero E8	35,000
Prestone Realty LLC	Flexible Technical Assistance Program, FlexTech Program - PON1746	8,950
Price Chopper / Golub Corporation		96,762
Price Chopper Super Markets	New Construction Program, NCP11628 - Price Chopper, Litt	139,994
Trice Onopper Super markets	New Construction Program, NCP11340 - Price Chopper Water	192,597
	New Construction Program, NCP11341 - Loudonville #138	95,332
Prism Solar Technologies Inc.	New Construction Program, NCP11342 - Price Chopper Lake	10,000
Frisiii Solar recililologies inc.	Clean Transportation, Clean Energy Business Growth a	,
Paris of Common Phase IS II C	Clean Transportation, Innovation Cap & Biz Dev	110,393
Project Company Phase I-F, LLC	Residential PV, PV System @ FedEx Ground	58,184
Promesa Housing Development Fund Corp	Green Affordable Housing, Multifamily	0
	Multifamily Performance Program, Multifamily	0
Public Policy and Education Fund of NY	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	40,471
Punjab Inc.	Fuel NY, GSP00746 - Punjab Inc.	9,500
Punjab Oil Corp.	Fuel NY, GSP00734 - Punjab Oil Corp.	7,500
Putnam Home Services LLC	New York Sun Program, RES-New Const & Adv Tech	8,640
Pyrus Energy, Inc.	New York Sun Program, NY-Sun	16,245
	New York Sun Program, RES-New Const & Adv Tech	5,500
Quad State Solar	New York Sun Program, NY-Sun	843
Quasar Enterprises LLC	Multifamily Performance Program, Multifamily	15,000
Questar III	Workforce Development, Clean Energy Training for High	68,081
	Workforce Development, PON 2774 Career Pathways	53,356
Quixotic Enterprises, LLC	New York Sun Program, NY-Sun	12,000
QwikSolar, LLC	New York Sun Program, NY Sun	46,196
	New York Sun Program, NY-Sun	249,830
	New York Sun Program, PV Incentive Program	12,150
	New York Sun Program, RES-New Const & Adv Tech	68,755
R3 Energy Management Audit & Review, LLC	Flexible Technical Assistance Program, FlexTech Consultant Selection	7,403
R-Display and Lighting LLC	Advanced Buildings, Lower Cost OLED Lighting	20,500
R&P Oak Hill Development, LLC	Home Performance with Energy Star, RES-New Const & Adv Tech	10,000
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	90,000
Radiant Drywall & Insulation Corp.	Workforce Development, PON 2033-3 OJT	1,823
Rasky Baerlein Strategic Communications	Administration OH, Communications Services for Re	77,666
Ratnik Industries, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	37,344
RBNB Subtenant LLC	Multifamily Performance Program, Multifamily	142,800
RE McNamara Enterprise Inc	New York Sun Program, NY-Sun	6,930
	New York Sun Program, RES-New Const & Adv Tech	3,975
Real Goods Energy Tech, Inc	New York Sun Program, NY-Sun	110,460
	New York Sun Program, RES-New Const & Adv Tech	19,415
ReEnergy Black River LLC	Large Scale Renewables, Black River Facility	3,383,820
Regen Energy Inc.	Emerging Technology / Accelerated Commercializatio, REGEN Energy	80,370
· · · · · · · · · · · · · · · · · · ·		78,750
Regency Towers Associats Pagency Towers Associates Inc.	Multifamily Performance Program, Multifamily	18,766
Regeneron Pharmaceuticals Inc. Renovus Energy Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	455,834
Renovus Energy, Inc.	New York Sun Program, NY-Sun	
	New York Sun Program, PV Incentive Program	1,260
Danasalaan Dalutaalania Institut	New York Sun Program, RES-New Const & Adv Tech	363,744
Rensselaer Polytechnic Institute	Advanced Buildings, Advanced Buildings Program	28,822
	Advanced Buildings, Luminescent solar concentrator	11,189

Contractor	Project Description	Total Expended Amount
Rensselaer Polytechnic Institute	Advanced Buildings, Luminescent solar concentrator Advanced Buildings, Vibration micropower generator	25,000
	Clean Transportation, Adaptive Traffic System Tool	1,280
	Clean Transportation, Off Hour Delivery Trusted Vend	17,491
	Innovation Capacity & Business Development, Consolidatn of Thermose	30,000
		80,720
Danasalaar Dalutaahnia Instituta I DC	Smart Grid Systems, State Est & Sit Awareness	57,941
Rensselaer Polytechnic Institute-LRC	Advanced Buildings, Facilitating OLEDs in NYS	120,859
	Advanced Buildings, LED Reliability Test Method	
	Emerging Technology / Accelerated Commercializatio, LRC ETAC demo	71,200
	Workforce Development, WF Training Energy Efficiency	19,742
	Workforce Development, Workforce Development and Trai	44,322
Rentricity, Inc.	Innovation Capacity & Business Development, Assess energy recovery	35,000
Research Foundation of CUNY	Workforce Development, Workforce Development	58,675
Research Foundation of SUNY	Advanced Buildings, Warm-Water Server Cooling	15,000
	Clean Transportation, Energy Harvesting for Tracksid	42,156
	Combined Heat and Power, SUNY ESF Gateway CHP Demo	14,459
	Energy Analysis, CEHA Delineation	28,664
	Energy Analysis, Regional Economic Development	17,350
	Environmental Research, Accelerated Recovery	31,942
	Environmental Research, Eco. services/Env. Economics	83,587
	Environmental Research, Sep of Sorghum Hydrolyzates	68,762
	Environmental Research, Xylose from Hot Water Extracts	9,204
	Green Jobs Green New York Revolving Loan Fund, Energy Efficiency C	19,067
	Green Jobs Green New York Revolving Loan Fund, Solar Thermal Train	75,520
	Renewables & DER Interation, Materials/Fab dev. for FC	107,199
	Renewables & DER Interation, PV Manufacturing Consortium	190,000
Research Foundation of SUNY (Buffalo)	Clean Transportation, Innovation Cap & Biz Dev	80,000
	Environmental Research, EMEP: Air Quality Research	13,000
Research Foundation of The City	Clean Transportation, Flow-Assisted Nickel-Zinc Batt	24,159
	Existing Facilities Program, Building Automation System	167,915
	Green Jobs Green New York Revolving Loan Fund, Energy Efficiency C	24,411
	Green Jobs Green New York Revolving Loan Fund, GJGNY OJT Categ	5,000
	Renewables & DER Interation, Environmentally Preferred Powe	80,577
	Workforce Development, WF Training Energy Efficiency	55,147
	Workforce Development, Workforce Development and Trai	27,924
Research Into Action, Inc.	Advanced Buildings, Pilot Evaluation Services	17,863
· · · · · · · · · · · · · · · · · · ·	Evaluation, Process and Market Evaluation	121,770
	Green Jobs Green New York Revolving Loan Fund, Process and Market	60,988
Reta Youngs	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	11,101
Rich & Gardner Construction Co., Inc.	Home Performance with Energy Star, Multifamily Program	7,300
Nich & Gardner Gonstruction Go., inc.	Home Performance with Energy Star, Multifarminy Program Home Performance with Energy Star, RES-New Const & Adv Tech	4,900
	0,	65,700
	New York ENERGY STAR Homes, Multifamily Program	
Dishard Tannan	New York ENERGY STAR Homes, RES-New Const & Adv Tech	44,100
Richard Tannen	Home Performance with Energy Star, RES-New Const & Adv Tech	8,000
Richvalley Farms Partnership	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	8,909
Rick Alfandre and Vicki C. Koenig	New Construction Program, NCP2303 - Rick Alfandre-Vicki	3,470
Rigidized Metals Corporation	Advanced Buildings, Green and Energy-Efficient Bui	6,145
Rite Aid Corp	Existing Facilities Program, EFP1841 - Rite Aid of NY	318,720
River Place II LLC	Combined Heat and Power, Distributed Generation as Comb	15,024
Riverside Special Needs Apartments LP	Multifamily Performance Program, Multifamily	0
Riverview Housing LLC	Multifamily Performance Program, Multifamily	49,600

Contractor Riverview Housing LLC	Project Description Multifamily Performance Program, Multifamily	Total Expended Amount
RLJ III - DBT Metropolitan Manhattan Les	Flexible Technical Assistance Program, FlexTech - PON1746	9,000
RNY Solar LLC	Environmental Research, Solar Photobioreactor Illumina	3,187
Robert A. Kanauer Jr.	New York Sun Program, NY-Sun	10,464
	New York Sun Program, RES-New Const & Adv Tech	7,425
Robert C. Hassman Jr.	New York Sun Program, NY-Sun	41,132
	New York Sun Program, RES-New Const & Adv Tech	2,450
Robert Derector Associates	Flexible Technical Assistance Program, FlexTech Consultant Selection	36,274
Robert L Hood Sherwood Finn C Carlyle Sm	Multifamily Performance Program, Multifamily	75,000
Robert Nape	Renewable Thermal, RES-New Const & Adv Tech	10,290
Robert S. Hostetter Jr.	New York Sun Program, NY-Sun	6,237
Roberts Wesleyan College	New Construction Program, NCP10762 - Roberts Wesleyan Co	57,900
Rochester Apartment Management LLC	Multifamily Performance Program, Multifamily	584,000
Rochester General Hospital		16,298
Rochester General Hospital	New Construction Program, NCP12166 - Riedman Campus Reno	
	New Construction Program, NCP12861 - RGHS Riedman Buildi	20,384
	New Construction Program, NCP12911 - Riedman Building C	8,167
Rochester Joint Schools Construction Boa	New Construction Program, NCP11338 - John Williams #5	114,985
Rockefeller University	Existing Facilities Program, EFP2329 - Rockefeller Universi	87,938
ROCSPOT	New York Sun Program, Solarize Spring 2015	5,000
Rolls Royce Marine North America, Inc.	Clean Transportation, NYC Ferry Program	134,796
Rosenblum Rubin Property Services, LLC	Saratoga Technology + Energy Park, STEP Property Management Servi	48,060
Ross Solar Group, LLC	New York Sun Program, NY-Sun	8,660
	New York Sun Program, RES-New Const & Adv Tech	20,928
	Residential PV, 28798 RPS CST Regional Program	120,002
	Residential PV, RPS CST Regional Program	117,022
Royal Winery Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	10,906
Roza 14W LLC	Flexible Technical Assistance Program, FlexTech Program	42,192
Rural Generation & Wind (Rodney Weaver)	New York Sun Program, NY-Sun	32,415
	New York Sun Program, RES-New Const & Adv Tech	93,370
	Small Wind, Wind Turbine Incentive	6,503
Rural Ulster Preservation Company	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	138,831
Russell Farms Inc	New Construction Program, NCP12243 - Russell Farms Stora	89,365
Rutgers University	Environmental Research, Innovation Cap & Biz Dev	20,000
Ruxton Towers L.P.	Multifamily Performance Program, Multifamily	0
RXR Realty	Flexible Technical Assistance Program, FlexTech Program - PON1746	9,710
S & T Oil Inc.	Fuel NY, GSP00529 - S&T Oil Inc.	9,862
S2AY Rural Health Network	New York Sun Program, Solarize Spring 2015	5,000
Safari Energy LLC	NY Sun- Competitive PV, New York Sun Competitive PV Pr	472,379
Salah Energy EES		13,468
	NY Sun- Competitive PV, Rooftop PV installation	165,198
	Residential PV, New York Sun Competitive PV Pr	
	Residential PV, RPS CST Regional Program	40,847
Salmstead Dairy Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	4,552
Samaritan Hospital of Troy Inc	New Construction Program, NCP12336 - Samaritan Hospital	29,409
SCA Tissue of North America	Industrial Process Efficiency Program, Existing Facilities IPE 3	45,306
	Industrial Process Efficiency Program, Industrial Process Efficiency	360,134
Schuyler-Steuben-Chemung	Flexible Technical Assistance Program, FlexTech Program	61,843
Schwab Farm LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	16,337
Scotia Industrial Park, Inc.	New Construction Program, NCP12204 - CTDI Warehouse	8,545
Scott Shipley	New York Sun Program, NY-Sun	33,139
		22 520
Sea Bright Solar, LLC	New York Sun Program, RES-New Const & Adv Tech	22,530

Contractor	Project Description New York Sun Program, NY-Sun	Total Expended Amount
Sea Bright Solar, LLC	New York Sun Program, RES-New Const & Adv Tech	35,185
Sean Kelley	New York Sun Program, NY-Sun	3,960
Seaway Lofts Associates LLC	Multifamily Performance Program, Multifamily	0
SEC Newco, LLC	NY Sun- Competitive PV, NY-Sun Competitive PV Program	429,544
Sedefian Consulting	Environmental Research, Modeling Deposition	78,405
Sedgwick Service Inc.	Fuel NY, GSP00712 - Sedgwick Service In	10,000
Seed Renewables Inc.	New York Sun Program, NY-Sun	5,376
	New York Sun Program, PV Incentive Program	5,600
	New York Sun Program, RES-New Const & Adv Tech	1,795
Selfhelp Community Services, Inc.	Multifamily Performance Program, Multifamily	16,361
Senator Street Enterprise, Inc.	Green Jobs Green New York Revolving Loan Fund, Multifamily	3,360
	Multifamily Performance Program, Multifamily	31,065
Seneca Energy II, LLC	Large Scale Renewables, Ontario LFGE	184,990
	Large Scale Renewables, Seneca Energy	1,118,910
Seneca Food Corporation	Industrial Process Efficiency Program, Industrial Process Efficiency	24,356
Seneca Niagara Falls Gaming Corp	Existing Facilities Program, Existing Facilities Program	80,000
Sentient Corporation	Renewables & DER Interation, Smart Digital Twin Sensor.	5,321
Sentry Group Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	52.974
SES Apex, LLC	New York Sun Program, RES-New Const & Adv Tech	8,958
SES Renewable Assets, LLC	Residential PV, RES-New Const & Adv Tech	11,375
Seven Springs West LLC	West Valley Development Program, Operations and Maintenance Sup	21,106
Sexton Farms	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	4,773
Sheland Farms	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	23,507
		2,203,350
Sheldon Energy, LLC Shurepower, LLC	Large Scale Renewables, High Sheldon Wind Farm	68,855
Siemens Industry, Inc.	Clean Transportation, ADVANCED TRANSPORTATION TECHNO	124,213
olemens muusuy, me.	Existing Facilities Program, EFP2239-Siemens Industry Inc. Existing Facilities Program, PON1219EE5	303,209
Sierra-Cedar, Inc.	Administration OH, Consulting Services for 9.2	1,028,080
Silver Spoon Dairy LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	28,380
Silver Thread Vineyard	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	13,360
Skadden, Arps, Slate, Meagher & Flom LL	New York Green Bank, Green Bank Outside Legal Couns	0
Skanska Ne Realty Inc	New Construction Program, Industrial Process Efficiency	25,971
Skidmore College	Innovation Capacity & Business Development, Clean Tech Transition for	80,500
Skyline Solar Inc.	New York Sun Program, NY-Sun	130,651
	New York Sun Program, RES-New Const & Adv Tech	34,425
Sleepers Ridge Holsteins	Agriculture Energy Efficiency Program, AEEP - Pre-Encumbered	3,474
SLG 1185 Sixth A LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	57,463
SLGreen	New Construction Program, NCP13123 - Clarfeld Wealth Str	8,060
o E o l o o l	New Construction Program, NCP13124 - Legal Aid Society o	6,775
SLR Contracting & Service Company, Inc.	West Valley Development Program, Operations and Maintenance	31,082
Smarter Grid Solutions	Clean Transportation, Feasibility Study of Smart EV	2,296
Solar Alchemy, Inc.	New York Sun Program, RES-New Const & Adv Tech	9,477
Colar Alonomy, mo.	Renewable Thermal, RES-New Const & Adv Tech	25,000
Solar Census LLC		60,837
COM. COMORD ELC	Innovation, Remote Rooftop Shade Tool Workforce Development, Remote Rooftop Shade Tool	60,837
Solar Energy International	Workforce Development, Remote Rooftop Shade Tool	28,479
Solar Energy I.I.C.	Workforce Development, Workforce Development and Trai	371,760
Solar Energy LLC	New York Sun Program, NY Sun	140,000
Solar Energy Systems, LLC	New York Sun Program, RV Inconting Program	
	New York Sun Program, PV Incentive Program	13,465
	Residential PV, PV System at PearlGreen Corp.	63,606

Contractor Solar Energy Systems, LLC	Project Description Residential PV, PV System at PearlGreen Corp.	Total Expended Amount
Solar Generation, Inc.	New York Sun Program, NY-Sun	70,249
	New York Sun Program, RES-New Const & Adv Tech	29,792
	Workforce Development, PON 2033 OJT	1,067
Solar Home NJ	New York Sun Program, NY-Sun	43,912
	New York Sun Program, RES-New Const & Adv Tech	12,213
	Residential PV, PV Incentive Program	1,476
Solar Liberty Energy Systems, Inc	New York Sun Program, NY-Sun	344,106
	New York Sun Program, PV Incentive Program	67,215
	New York Sun Program, RES-New Const & Adv Tech	866,278
	NY Sun- Competitive PV, New York Sun Competitive PV Pr	133,129
Solar Maximum LLC	New York Sun Program, NY-Sun	1,421
Solar One, Inc.	New York Sun Program, NY-Sun	7,500
,	New York Sun Program, PV Incentive Program	25,000
	New York Sun Program, RES-New Const & Adv Tech	5,400
Solar Project Solutions Inc	Green Jobs Green New York Revolving Loan Fund, PON 2033 OJT	13,700
	New York Sun Program, NY-Sun	37,914
Solar Revolution, LLC	New York Sun Program, NY-Sun	18,525
SolarCity Corporation	Green Jobs Green New York Revolving Loan Fund, PON 2033 OJT	57,319
	New York Sun Program, NY-Sun	2,552,133
	New York Sun Program, PV Incentive Program	57,680
	New York Sun Program, RES-New Const & Adv Tech	592,621
	NY Sun- Competitive PV, New York Sun Competitive PV Pr	355,664
		187,144
	NY Sun- Competitive PV, PV System at Millbrook School	35,190
	NY Sun- Competitive PV, PV System at Onondaga County -	128,493
	NY Sun- Competitive PV, RPS CST Regional Program	56,728
	Residential PV, RPS CST Regional Program Workforce Poyclopment, PON 2022 O.I.T.	7,800
Colorino Albany Inc	Workforce Development, PON 2033 OJT	5,000
Solarize Albany Inc.	New York Sun Program, Solarize Spring 2015	5,600
Solid Cell, Inc.	Clean Transportation, Commercialization of SOFC	
Solow Building Company II, LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	44,400
Soucy USA, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	82,332
Soundview Management Associates, LLC	Multifamily Performance Program, Multi-Family Program	52,500
Source One	Existing Facilities Program, Technical Review and Program S	7,240
South Bronx Development Corp.	Multifamily Performance Program, Multifamily	16,000
Southern Tier Central Regional Planning	Cleaner Greener Communities, CGC28019 - STCRPBD	30,798
Southview Towers, L.P.	Multifamily Performance Program, Multifamily	97,500
Specialty Silicone Products Inc	New Construction Program, NCP12726 - Clean Room Building	6,450
St. Ann's Warehouse	New Construction Program, NCP11351 - Tobacco Warehouse	22,692
St. John Fisher College	Existing Facilities Program, EFP2220 - St John Fischer Coll	51,106
St. Joseph's Hospital Health Center	Combined Heat and Power, PON1219EE5	200,000
St. Lawrence University	New Construction Program, NCP11411 - New Residence Hall	21,029
St. Nicholas Park Apartments, LP	Multifamily Performance Program, Multifamily	18,000
Stantec Consulting Services, Inc.	Existing Facilities Program, Technical Review and Program S	3,157
	Industrial Process Efficiency Program, Industrial Process Efficiency	9,617
	Industrial Process Efficiency Program, Technical Review and Program S	24,528
	New Construction Program, Technical Assistance Services	154,172
Starwood Hotels and Resorts Worldwide	New Construction Program, NCP11927 - Starwood 417 5th Av	16,420
State University of New York College	New Construction Program, NCP98469 - Doty Hall Building	175,873
	New Construction Program, NCP98470 - Bailey Hall (SUNY G	6,047
	New Construction Program, NCP98530 - Letchworth Dining H	11,902
	New York ≨ µn Program, NY-Sun	

Contractor State University of New York College	Project Description New Construction Program, NCP98530 - Letchworth Dining H	Total Expended Amount
Steed Energy LLC	New York Sun Program, NY-Sun	33,117
	New York Sun Program, RES-New Const & Adv Tech	95,982
Steel Tribune LLC	New Construction Program, NCP12721 - E Gluck	20,565
Sterling Energy Group	Large Scale Renewables, Niagara Generating Facility	210,916
Steven Bluestone	Home Performance with Energy Star, Low-rise Residential	8,000
Steven Winter Associates, Inc.	Advanced Buildings, Advanced Buildings Program	9,370
	Advanced Buildings, cold climate heat pumps	17,532
	Advanced Buildings, Construction Materials	22,000
	Advanced Buildings, Linkage-Less Burner Retrofit	10,785
	Existing Facilities Program, Technical Review and Program S	114,532
	Flexible Technical Assistance Program, FlexTech Consultant Selection	104,478
	New Construction Program, Technical Assistance Services	148,203
	Technical Assistance Services	28,067
Stevens Institute of Technology	Energy Analysis, Storm surge modeling	39,112
Stewart Title Insurance Company	Green Jobs Green New York Revolving Loan Fund, Title Company in S	127,849
Stewarts Shops Corp.	Existing Facilities Program, EFP1957 - Stewarts Shops	24,458
Stony Creek Energy LLC	Large Scale Renewables, Stony Creek Wind Farm	2,991,156
Strategies for the Global Environment	Clean Transportation, PEV Market Analysis Tool for N	22,554
Sullivan Solar Garden, LLC		750.488
Sumintra	NY Sun- Competitive PV, PV System @ Sullivan County Co	9,996
Summit Research Labs Inc	New York Sun Program, NY-Sun	58,269
	Industrial Process Efficiency Program, Industrial Process Efficiency	
Sun Energy Inc.	New York Sun Program, NY-Sun	1,617 17,421
Sun Cardon Haman Association Inc	New York Sun Program, RES-New Const & Adv Tech	
Sun Garden Homes Association, Inc.	Green Jobs Green New York Revolving Loan Fund, Multifamily	2,625 32,375
Cun Course Technologies	Multifamily Performance Program, Multifamily	180,935
Sun Source Technologies	New York Sun Program, NY-Sun	202,662
SuNation Solar Systems, Inc.	New York Sun Program, RES-New Const & Adv Tech	· · · · · · · · · · · · · · · · · · ·
Sunation Solar Systems, Inc.	New York Sun Program, NY-Sun	33,445
	New York Sun Program, RES-New Const & Adv Tech	117,275
SunConnect NY1, LLC	NY Sun- Competitive PV, New York Sun Competitive PV Pr	76,307
Sunderland Farms	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	23,864
Sundog Solar, Inc.	New York Sun Program, NY-Sun	14,392
	New York Sun Program, RES-New Const & Adv Tech	15,120
	Renewable Thermal, RES-New Const & Adv Tech	19,685
	Workforce Development, PON2033-3	5,920
SunE P11C Holdings, LLC	NY Sun- Competitive PV, 31309A-Kohl's #770 Greece	83,242
	NY Sun- Competitive PV, 31310A-Kohl's #1079 Auburn	47,179
	NY Sun- Competitive PV, 31311A-Kohl's #1203 Ithaca	49,243
	NY Sun- Competitive PV, 31312A-Kohl's #35 Horseheads	46,916
	NY Sun- Competitive PV, 31313A-Kohls 963 North Amherst	52,155
	NY Sun- Competitive PV, 31336A-Kohl's #988 Kingston	109,371
	NY Sun- Competitive PV, 33523A-Kohl's #1113 Amherst	52,856
	NY Sun- Competitive PV, 33548A-Kohl's #1411 Hudson	122,585
	NY Sun- Competitive PV, NY Sun PV Program Pr	72,277
	Residential PV, PV System @ Kohl's Staten Isla	21,855
SunE Solar XVI Lessor, LLC	NY Sun- Competitive PV, Competitive PV Program - RIT	596,854
SunEdison Origination3, LLC	Residential PV, RPS CST Regional Program	120,301
Sungevity Development, LLC	New York Sun Program, NY-Sun	297,332
	New York Sun Program, RES-New Const & Adv Tech	115,234
Sungevity, Inc.	New York Sun Program, NY-Sun	257,876
	New York 35 in Program, PV Incentive Program	

Contractor	Project Description New York Sun Program, NY-Sun	Total Expended Amount
Sungevity, Inc.	New York Sun Program, PV Incentive Program	5,733
	New York Sun Program, RES-New Const & Adv Tech	6,300
Sunnova Energy Corp	New York Sun Program, NY-Sun	73,088
	New York Sun Program, PV Incentive Program	9,869
	New York Sun Program, RES-New Const & Adv Tech	35,586
Sunnyside Farms, Inc.	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	100,000
SunPower Capital, LLC	New York Sun Program, NY-Sun	2,028,152
	New York Sun Program, PV Incentive Program	25,321
	New York Sun Program, RES-New Const & Adv Tech	1,210,598
	Residential PV, PV Incentive Program	42,369
	Residential PV, RES-New Const & Adv Tech	298,754
SunPower SolarProgram 1, LLC	New York Sun Program, RES-New Const & Adv Tech	2,575
SunRay Power LLC	Residential PV, RPS CST Regional Program	109,583
SunRise Energy Concepts Inc	New York Sun Program, RES-New Const & Adv Tech	5,500
Sunrise Solar Solutions, LLC	New York Sun Program, NY-Sun	123,666
	New York Sun Program, RES-New Const & Adv Tech	22,577
	Residential PV, RES-New Const & Adv Tech	20,549
Sunrun Installation Services, Inc	New York Sun Program, NY-Sun	51,856
	New York Sun Program, RES-New Const & Adv Tech	15,340
SunRun, Inc	New York Sun Program, NY-Sun	510,598
ountail, inc	New York Sun Program, RES-New Const & Adv Tech	321,507
SunUp Solar Energy, LLC	New York Sun Program, NY-Sun	7,200
Sunvestment Group LLC	Innovation, Group Community PPA	22,007
ounvestment Group LLG		12,975
	Innovation, Survestment Community PPA II	22,007
	Workforce Development, Group Community PPA	12,975
SUNY - ESF	Workforce Development, Survestment Community PPA II	25,000
3011 - 231	Advanced Buildings, Advanced Buildings Program	18,429
CHAIV of Albany	Environmental Research, WQ and Climate in ADKs	
SUNY at Albany	New Construction Program, NCP11065 - Mohawk Tower Gut Re	38,089
SUNY Atmospheric Science Research Ctr	Renewables & DER Interation, Carbon- electrodes w/ low PGM	8,318
SUNY College of Environmental Science an	Environmental Research, Environmental Research	45,476
CLINIV Callege of Tankyalawy @ Alfred	Environmental Research, ESF - Hao	12,843
SUNY College of Technology @ Alfred	Existing Facilities Program, Commercial	59,328
	New Construction Program, NCP10088 - Student Leadership	24,931
SUNY Cortland	New Construction Program, NCP11421 - Bowers Hall (SUNY C	29,753
SUNY Oswego	New Construction Program, NCP10478 - Park Hall	43,850
SUNY Research Foundation	Advanced Buildings, Wood Pellet Heating System Dem	82,021
	Environmental Research, Low Moisture Wood Chip	15,238
	Environmental Research, Wood Pellet Heating System Dem	37,300
SUNY Ulster	Green Jobs Green New York Revolving Loan Fund, Training, Field Exa	23,295
	Workforce Development, WF Training Energy Efficiency	21,360
Super Fast Inc.	Fuel NY, GSP00704 Super Fast Inc.	7,001
Superior Energy Innovations, LLC	Green Jobs Green New York Revolving Loan Fund, PON 2033 OJT	3,963
Supreme Gas LLC	Fuel NY, GSP00365 - Supreme Gas LLC	7,404
Sure Energy, LLC	New York Sun Program, RES-New Const & Adv Tech	3,250
Susan Kenyon	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	10,689
Sustainable Energy Advantage, LLC	Large Scale Renewables, Renewable Portfolio Standard T	40,589
	NY Sun, Renewable Portfolio Standard T	167,389
Sustainable Energy Developments Inc.	New York Sun Program, NY-Sun	109,120
	New York Sun Program, RES-New Const & Adv Tech	2,142

Contractor Sustainable Energy Developments Inc.	Project Description New York Sun Program, RES-New Const & Adv Tech	Total Expended Amount
Sustainable Innovations LLC	Innovation Capacity & Business Development, HBr Fuel Cells	21,762
Sustainable Performance Consulting, Inc.	New Construction Program, Outrch and Pjct Consulting NCP	1,720,921
Sustainable South Bronx Inc.	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	28,844
SV Land One	Flexible Technical Assistance Program, FlexTech Program - PON1746	10,000
Swiss Valley Farms, Inc.	Anaerobic Digester Program, Swiss Valley Farms Scrubber	14,025
Synergy Biogas, LLC	Anaerobic Digester Program, RPS CST ADG to Electricity Pro	136,000
SyntheZyme, LLC	Innovation Capacity & Business Development, Biomimetic Peptides adh	50,000
Syracuse University	Advanced Buildings, Combinatorial Air Filter	31,408
	Advanced Buildings, Enclosed-Aisle By-Pass Fans	45,000
	Environmental Research, Accelerated Recovery and Envir	46,902
	Environmental Research, Estimating Soil Weathering	3,974
	Environmental Research, Marine Mercury Dynamics	8,497
	Environmental Research, Monitoring of NYS fish for Hg	110,616
	Environmental Research, Nutrient Dynamics in the ADKs	7,907
T-C 475 Fifth Avenue LLC	New Construction Program, NCP11128 - 475 Fifth Avenue	20,437
T-C 780 Third Avenue Owner LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	10,750
Tabors Caramanis Rudkevich Inc.	Energy Analysis, Competitive Electricity Market	172,569
TAG Mechanical Systems, Inc.	New York Sun Program, NY-Sun	150,384
Taitem Engineering, P.C.	Combined Heat and Power, FlexTech Consultant Selection	2,238
3, 3,	Emerging Technology / Accelerated Commercializatio, LED Ltg & Cntl in	9,598
	Existing Facilities Program, Technical Review and Program S	28,546
	Flexible Technical Assistance Program, FlexTech Consultant Selection	18,440
	Green Affordable Housing, MEPP Quality Assurance Contrac	8,367
	Home Performance with Energy Star, Technical Review and Program S	1,860
	Multifamily Performance Program, MEPP Quality Assurance Contrac	243,478
	New York ENERGY STAR Homes, Technical Review and Program S	4,955
	New York Sun Program, NY-Sun	167,798
	New York Sun Program, RES-New Const & Adv Tech	23,075
	Renewables & DER Interation, Advanced Deep Energy Retrofits	24,889
Talen Energy Marketing, LLC	Large Scale Renewables, Cumberland County	336,392
	Large Scale Renewables, Locust Ridge Wind Farm	410,994
TAM Ceramics Group of NY, LLC	Innovation Capacity & Business Development, Thermoelectric Device D	161,788
TecMarket Works	Evaluation, EA-Evaluation	97,480
Tecogen	Combined Heat and Power, CHP Acceleration Program	134,640
recogen	Combined Heat and Power, CHPA - Bates Troy Healthcare L	397,980
	Combined Heat and Power, CHPA - St Tropez Condominium	297,660
Tomple Israel City of New York		1,834
Temple Israel City of New York Tern Construction & Development, LLC	Existing Facilities Program, EFP2264 - Temple Israel of New	26,875
Terri construction & Development, LLC	Home Performance with Energy Star, RES-New Const & Adv Tech New York ENERGY STAR Homes, RES-New Const & Adv Tech	241,875
Tarrania Bright Crean III C	·	5,500
Terrapin Bright Green, LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	98,585
Tessy Plastics Corp	Industrial Process Efficiency Program, Industrial Process Efficiency	
The Resolution for Rehabilitative Case	Multifamily Performance Program, Multifamily	24,668
The Codmus Crown Inc.	Flexible Technical Assistance Program, Flex Tech - PON1746	7,082
The Cadmus Group, Inc.	Innovation Capacity & Business Development, Data Center Market Res	26,963 175,297
	New York Sun Program, Quality Assurance Services for	175,287
The Observabili Ocean C	New York Sun Program, RPS-CST Quality Assurance/Qual	7,875
The Churchill Owners Corp.	Combined Heat and Power, Distributed Generation as Comb	4,876
The Community Builders, Inc.	Multifamily Performance Program, Multifamily	142,388
The Culinary Institute of America	New Construction Program, NCP11407 - Student Center	36,453
The Goldman Sachs Group, Inc. The Gunlocke Company	Existing Facilities Program, EFP2275 - Goldman Sachs HQs - Industrial Brocess Efficiency Program, Industrial Process Efficiency	154,225

Contractor The Goldman Sachs Group, Inc.	Project Description Existing Facilities Program, EFP2275 - Goldman Sachs HQs -	Total Expended Amount
The Gunlocke Company	Industrial Process Efficiency Program, Industrial Process Efficiency	104,006
The Jewish Home and Hospital/ Bronx Divi	Flexible Technical Assistance Program, FlexTech Program	49,000
The Levy Partnership, Inc.	Advanced Buildings, EIFS DEEP Retrofits	9,948
	Emerging Technology / Accelerated Commercializatio, DHW demand co	9,888
The Logue Group	West Valley Development Program, Facilitation Services	16,368
The Nature Conservancy / Albany Pine Bus	Energy Analysis, Spatial Map for Climate Adapt	107,252
The New Gerard Co., LLC	New York ENERGY STAR Homes, RES-New Const & Adv Tech	15,000
The New York Internet Company Inc	Industrial Process Efficiency Program, Industrial Process Efficiency	70,135
The Pennsylvania State University	Innovation Cap & Biz Dev	41,000
The Plaza Condominium	Flexible Technical Assistance Program, FlexTech - PON1746	17,325
The Public Broadcasting Council of	New Construction Program, NCP10272 - Wyoming Street (WCN	42,530
The Radiant Store	Green Jobs Green New York Revolving Loan Fund, GJGNY NYS Regist	3,808
	Renewable Thermal, NY-Sun	431,874
	Renewable Thermal, RES-New Const & Adv Tech	725,874
	Workforce Development, Workforce Dev & Train	14,809
The Raymond Corporation	Clean Transportation, Li-Ion for Lift Truck Applicat	64,400
The Research Foundation for the State	Clean Transportation, Real-time subway information	12,746
The Nescarett Foundation for the state		120,000
	Energy Analysis, CNSE Net Zero Project	32,985
The Decearch Foundation of SLINV (LIP)	Innovation Capacity & Business Development, Fermentation of Biomass	
The Research Foundation of SUNY (UB)	Advanced Buildings, Wood Burning Hydronic Heaters	154,442
T. D	Industrial Process Efficiency Program, Industrial Process Efficiency	64,607
The Research Foundation of SUNY at Bing	Smart Grid Systems, Grid Reliability Improvements	32,000
The SKM Marketing Group, LLC	Clean Transportation, Corporate Marketing	10,525
	Renewable Heat NY, Corporate Marketing	181,154
The Sports Authority	New Construction Program, NCP12617 - The Sports Authorit	1,590
	New Construction Program, NCP12641 - The Sports Authorit	6,710
The Stanton Condominium	Multifamily Performance Program, Multifamily	105,600
The TJX Companies, Inc.	New Construction Program, NCP12302 - Marshalls New York	5,520
The Townsend House Corporation	Green Jobs Green New York Revolving Loan Fund, Multifamily	4,988
	Multifamily Performance Program, Multifamily	61,513
The Trustees of Columbia University	Energy Analysis, GIS flood mapping tool	25,227
The Vertex Companies, Inc.	Advanced Buildings, LIPA tracer gas technology	41,851
Theatre for A New Audience	New Construction Program, NCP9056 - Theatre for a New Au	12,907
Theodore Theodoropoulos	New York Sun Program, RES-New Const & Adv Tech	14,595
Thermo Control Heating Systems Ltd.	Advanced Buildings, Thermo Control WB600-C Dual St	12,000
	Environmental Research, Thermo Control WB600-C Dual St	0
ThermoAura Inc.	Innovation Capacity & Business Development, SPS advcd fabrication to	72,000
Third Power LLC	Innovation Capacity & Business Development, Advanced Clean Power	61,130
Thomas Wittmeyer Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	840
Thornton Tomasetti, Inc.	New Construction Program, Technical Assistance Services	1,066
Three Brothers and Nephew Corp.	Fuel NY, GSP00635 - Three Brothers and	10,000
TIAA-CREF	Industrial Process Efficiency Program, Existing Facilities IPE 3	55,377
Time Warner Cable	Industrial Process Efficiency Program, Industrial Process Efficiency	43,594
Time Warner Cable Enterprises, LLC	Industrial Process Efficiency Program, Industrial Process Efficiency	1,289,643
Time Warner Center Condominium	Existing Facilities Program, EFP2034-Source One;Time Warner	65,827
Time Warner of Albany NY	New Construction Program, Existing Facilities IPE 3	43,682
TM Montante Solar Developments, LLC	New York Sun Program, PV Incentive Program	33,000
	New York Sun Program, RES-New Const & Adv Tech	157,400
Top Green LLC	Fuel NY, GSP00391 - Top Green LLC	10,000
Tops Markets, Inc.	New Construction Program, NCP12744 - Tops Walworth #428	24,171
Town of Batavia	Cleaner Gagener Communities, CGC31078 - Town of Batavia	,

Contractor Tops Markets, Inc.	Project Description New Construction Program, NCP12744 - Tops Walworth #428	Total Expended Amount
Town of Batavia	Cleaner Greener Communities, CGC31078 - Town of Batavia	68,500
Town of Brookhaven	New York Sun Program, Solarize Spring 2015	5,000
Town of Cortlandt	Cleaner Greener Communities, CGC27674 - Town of Cortlandt	593
Town of Frankfort	New Construction Program, NCP98764 - Town of Frankfort (5,223
Town of Irondequoit	New Construction Program, NCP12481 - Irondequoit Town Li	19,379
Town of Southampton	New York Sun Program, Solarize Spring 2015	5,000
Town of Springwater	Cleaner Greener Communities, CGC29614 - Town of Springwater	12,441
Town of Williamson	New York Sun Program, Solarize Spring 2015	5,000
Toys R Us	Existing Facilities Program, EFP2229-Toys R Us - Upstate 7	123,255
Trane	Existing Facilities Program, EFP1944 - Trane; Wayne County	188,866
	Existing Facilities Program, PON1219EE5	241,147
TransCore ITS LLC	Green Traffic Control Cabinet	16,430
TRC Companies, Inc.	Existing Facilities Program, Existing Facilities Tech Assis	329
	Existing Facilities Program, Existing Facilities Tech Assit	699
TRC Energy Services	Advanced Buildings, Technical Review and Program S	13,945
The Energy contract	Existing Facilities Program, Technical Review and Program S	150,383
	Flexible Technical Assistance Program, Technical Review and Program S	131,076
	Green Affordable Housing, MF Energy Perf Portfolio Imple	51,277
	Green Jobs Green New York Revolving Loan Fund, TRC - Small Comm	261,390
	Industrial Process Efficiency Program, Industrial Process Efficiency	14,604
		20,361
	Industrial Process Efficiency Program, Technical Review and Program S	1,505,924
	Multifamily Performance Program, MF Energy Perf Portfolio Imple	
TDC Engineers Inc	Renewable Heat NY, Technical Review and Program S	31,259
TRC Engineers, Inc.	Green Affordable Housing, Low/Moderate Income	3,285 63,597
	Green Affordable Housing, Multifamily	-636
	Green Jobs Green New York Revolving Loan Fund, Multifamily	15,198
	Multifamily Performance Program, Low/Moderate Income	,
Too on Marry Words	Multifamily Performance Program, Multifamily	-119,740
Trees New York	Greening the Bronx, Greening The Bronx	248,410
Triangle Electrical Systems, Inc.	New York Sun Program, NY-Sun	39,132
Trinity Heating & Air, Inc.	New York Sun Program, NY-Sun	37,839
	New York Sun Program, PV Incentive Program	13,730
	New York Sun Program, RES-New Const & Adv Tech	298,329
Trinity Services International Corp	New York Sun Program, RES-New Const & Adv Tech	2,115
Trinity West Harlem Phase One Limited Pa	Multifamily Performance Program, Multifamily	44,100
Troy Boiler Works, Inc.	Innovation Capacity & Business Development, IMCET - Vacuum Dry Wo	8,525
True Energy Solutions	Green Jobs Green New York Revolving Loan Fund, GJGNY NYS Regist	10,713
	Home Performance with Energy Star, Single Family Residential	134,814
	Workforce Development, GJGNY NYS Registered Apprentic	3,575
Trust for Conservation Innovation	Advanced Energy Codes, Energy Code Support Services	10,495
Turf Colonie LLC	New Construction Program, NCP11678 - Staybridge Suites A	13,850
Twin Birch Dairy LLC	Anaerobic Digester Program, RPS CST ADG Twin Birch ICE	88,695
Twin Mill Farms	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	6,975
U.S. Green Building Council, NY Chapter	Advanced Energy Codes, SBC IV Energy Code Training	181,918
U.S. Salt LLC	Industrial Process Efficiency Program, Industrial and Process Efficie	38,751
Unique Technical Services, LLC	Clean Transportation, Ultracapacitor Based Energy St	121,013
United Environment and Energy LLC	Innovation Capacity & Business Development, Advanced Clean Power	267,768
United Natural Foods Inc	New Construction Program, NCP11521 - UNFI New York	630,386
United Wind, Inc.	Small Wind, On-Site Wind Turbine Incentive	100,111
	Small Wind, Wind Turbine Incentive	185,860
	New Construction Program, NCP12373 - Gavett Hall	

Small Wind, Wind Turbine Incentive New Construction Program, NCP12373 - Gavett Hall New Construction Program, NCP12526 - UofR Strong West Or	5,840
New Construction Program NCP12526 - HofR Strong West Or	
	5,305
New Construction Program, NCP12527 - UofR Strong West Am	6,250
	5,785
	15,345
	46,572
New York Sun Program, RES-New Const & Adv Tech	7,673
5	15,491
, and the second	46,668
	277,130
	34,070
	35,000
	9,531
	17,330
	88,238
	38,296
	150,000
	80.000
·	10.000
	35,294
	32,971
	63,611
	14,700
	7,875
-	13,787
	39,624
	1,567
	1,367
	5,392
	34,873
	1,772
·	1,772
	,
	41,600
	3,846
	24,761
	151,540
	89,251
	82,170
	3,762
	9,487
-	419,722
	6,966
Renewable Thermal, NY-Sun	10,163
New York Sun Program, Solaize Spring 2015	5,000
Industrial Process Efficiency Program, Industrial Process Efficiency	78,107
Energy Analysis, Tupper Lake District Heat	45,000
Cleaner Greener Communities, CGC37964 - Pellet Hub	131,658
D	5,375
Renewable Heat NY, RHNY Residential Pellet Boiler	3,573
New York Sun Program, NY-Sun	239,639 55,819
	New Construction Program, NCP12528 - UofR Strong West On New Construction Program, NCP12656 - UR College Town Bld New York Sun Program, RY-Sun New York Sun Program, RY-Sun New York Sun Program, RY-Sun New York Sun Program, NCP10117 - SUNY Upstate Medic Energy Analysis, UEP Manufacturing Facility Workforce Development, WF Training Energy Efficiency New York Sun Program, RES-New Const & Adv Tech Environmental Research, Catskills Streams Trends Environmental Research, Environment Research Environmental Research, Honnedage Lake Hg Environmental Research, Monitoring Fish Assemblage/Hg Smart Grid Systems, Utility Systems Technologies Smart Grid Systems, Advanced State Estimation Fuel NY, GSP00478 - Valley Gas Inc. Agriculture Energy Efficiency Program, Agriculture Energy Efficiency New Construction Program, NCP11592 - VanDeWalle Fruit Fa Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Agriculture Energy Efficiency Program, Agriculture Energy Efficiency New Construction Program, NCP10279 - Sanders Physics Bui Multifamily Performance Program, Multifamily Environmental Research, RITE Environmental Assessment Renewables & DER Interation, RITE Environmental Assessment New York Sun Program, NY-Sun Clean Transportation, EV-Enabling Technology Demonst Industrial Process Efficiency Program, Technical Review and Program S Existing Facilities Program, Technical Assistant Services Flexible Technical Assistance Program, FlexTech Consultant Selection New Construction Program, NCP10263 - 66 East 11th St Cleaner Greener Communities, CSC Regional Coord. Hud.Valley Industrial Process Efficiency Program, HexTech Consultant Selection New Construction Program, Technical Assistant Services Flexible Technical Assistance

Contractor Viola Homes Inc.	Project Description New York Sun Program, RES-New Const & Adv Tech	Total Expended Amount
Vistex Composites, LLC	Innovation Capacity & Business Development, adv thermoplastic mfg	40,500
Vital Vio, Inc.	Advanced Buildings, Advanced Buildings Technology	15,000
Voltaic Solaire LLC	New York Sun Program, NY-Sun	21,175
	Residential PV, RES-New Const & Adv Tech	3,084
Vote Solar	Innovation, Innovation - CleanTransportat	21,705
	Workforce Development, Innovation - CleanTransportat	21,705
VVN Inc.	Fuel NY, GSP00696 - VVN Inc.	10,000
Wal-Mart Stores East, LP	New Construction Program, NCP7793 - Wal-Mart Stores East	90,458
Walgreen's	Existing Facilities Program, EFP2262 - Walgreens - Multiple	150,385
Walker Farms LLC	Anaerobic Digester Program, On-Site Power	123,686
Wallkill Realty Partners LLC	New Construction Program, NCP12411 - 21 Riverside Drive	13,363
Wappingers Falls Hydroelectric, LLC	Large Scale Renewables, RPS Program Purchase of Renewa	5,860
Warner Energy, LLC	New York Sun Program, RES-New Const & Adv Tech	234,419
Warren Energy Engineering, LLC	Existing Facilities Program, Technical Review and Program S	322
Warren Pinnacle Consulting, Inc.	Energy Analysis, SLAMM adaptation	14,262
Washington Gas Energy Systems Inc.	NY Sun- Competitive PV, New York Sun Competitive PV Pr	260,009
viasinington das Energy dystems inc.	NY Sun- Competitive PV, PV System @ Skidmore College	1.341.447
Washington Stroot Proporties IIC		71,000
Washington Street Properties, LLC Water Environment Research Foundation	Multifamily Performance Program, Multifamily	5,520
water Environment Research Foundation	Environmental Research, Cofunding energy R&D projects.	109,480
Weter Decemb Foundation	Industrial Process Efficiency Program, Cofunding energy R&D projects.	19,660
Water Research Foundation	Industrial Process Efficiency Program, Workshop with WRF/CEC	
Waterloo, Village of,	Cleaner Greener Communities, CGC27279 - Village of Waterloo	17,665
Watt Fuel Cell Corporation	Innovation Capacity & Business Development, Single-step Process Scal.	246,347
Wave Service Inc.	Fuel NY, GSP00588 - Wave Service Inc.	10,000
Wayne County Eggs LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	100,000
Weaver Wind Energy, LLC	Innovation Capacity & Business Development, Weaver Wind 15kW Win	70,506
Wedgewood West Property Company	Multifamily Performance Program, Multifamily	79,500
Weeels Inc.	Clean Transportation, Traffic Data Warehouse	20,576
Wegmans Food Markets, Inc.	Flexible Technical Assistance Program, 1746EPS1SB	40,170
	New Construction Program, NCP11223 - Wegmans East Ave	172,818
Weill Medical College at Cornell Univers	Flexible Technical Assistance Program, Flex Tech - PON1746	15,375
	New Construction Program, NCP98350 - Biomedical Research	75,559
Wellness Institute of Greater Buffalo &	Clean Transportation, BCS EV Demonstration	47,084
	Clean Transportation, Buffalo BikeShare Demo	33,460
Wendel Energy Services, LLC	Flexible Technical Assistance Program, FlexTech Consultant Selection	126,393
	Industrial Process Efficiency Program, Existing Facilities IPE 3	18,865
Wendel WD Architecture, Engineering,	Anaerobic Digester Program, RPS-CST Quality Assurance/Qual	6,650
West 30th Highline Holdings, LLC c/o Rel	New Construction Program, NCP10125 - The Abington (West	142,237
West Gas Inc.	Fuel NY, GSP00705 - West Gas Inc.	10,000
West Hempstead Auto Care	Fuel NY, GSP00372 - West Hempstead Auto	10,000
West Nyack Solar	NY Sun- Competitive PV, PV System @ Town of Clarkstown	650,748
Westchester Auto Repair Service Inc.	Fuel NY, GSP00244 - Westchester Auto Re	6,000
Westmoreland Development Company of NY,	New Construction Program, NCP12217 - Westmoreland Ambula	9,360
White Birch Enterprise LLC	Multifamily Performance Program, Multifamily	22,500
White Plains Affordable Housing Fund LLC	Multifamily Performance Program, Multifamily	20,400
White Plains Service Station Inc.	Fuel NY, GSP00389 - White Plains Servic	13,000
Whitesboro Central School District	Clean Transportation, PON 1896 propane buses	15,803
Whole Foods Market Group, Inc.	Combined Heat and Power, Distributed Generation as CHP	243,877
••	New Construction Program, NCP10124 - Whole Foods Market	179,430
	New Construction Program, NCP11298 - WFM Albany	84,138
Wil-Roc Farms	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	, , , ,

Contractor Whole Foods Market Group, Inc.	Project Description New Construction Program, NCP11298 - WFM Albany	Total Expended Amount
Wil-Roc Farms	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	209,321
Wildcat Solar, LLC	Residential PV, RES-New Const & Adv Tech	7,185
Wilder Balter Partners, Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	2,000
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	18,000
Willdan Energy Solutions	Existing Facilities Program, C&I Outreach	1,123,261
	Existing Facilities Program, Technical Review and Program S	291,000
	Industrial Process Efficiency Program, C&I Outreach	338,892
	Industrial Process Efficiency Program, Industrial Process Efficiency	80,899
	Industrial Process Efficiency Program, Technical Review and Program S	324,526
Willet Dairy, LLC	Anaerobic Digester Program, ADG-to-Electricity Program	184,398
Williamsville Central School District	Existing Facilities Program, EFP2261- Williamsville CSD	8,000
Wiltshire Renewable Energy Systems, LLC	New York Sun Program, NY-Sun	19,890
Windex Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	6,681
Windsor Fuel Co. Inc.	Clean Transportation, PON2454: Biofuel Distributor P	150,000
Wise Home Energy, LLC	Home Performance with Energy Star, Stonewood Apartments Low-Rise	29,370
WM Group Services, LLC	Combined Heat and Power, FlexTech Consultant Selection	13,052
	Existing Facilities Program, FlexTech Consultant Selection	13,642
	Flexible Technical Assistance Program, FlexTech Consultant Selection	78,851
WNY Enterprise LLC	New Construction Program, NCP11691 - WNY Enterprises New	7,706
Women's Housing & Econ. Development Corp	Combined Heat and Power, 75kW CHP at Urban Horizons	2,751
	Flexible Technical Assistance Program, Flex Tech - PON1746	8,175
Woodcrest Dairy, LLC	Anaerobic Digester Program, PON 2828 - Woodcrest	286,744
WSP USA Corp.	Existing Facilities Program, Assignment Agreement	51,022
	Flexible Technical Assistance Program, FlexTech Consultant Selection	97,571
	New Construction Program, Technical Assistance NCP	25,129
	Technical Assistance NCP	21,542
WVH Housing Development Fund Corp.	Multifamily Performance Program, Multifamily	126,000
XC Associates, Inc.	Innovation Capacity & Business Development, Smart Wind Turbine Blad	121,227
Xerox Corp	Industrial Process Efficiency Program, Industrial & Agriculture	6,138
	Industrial Process Efficiency Program, Industrial Process Efficiency	278,729
	Industrial Process Efficiency Program, Resiliency & Emergency Prepare	58,865
YMCA of Greater Syracuse	New Construction Program, NCP12193 - Northwest Family YM	105,940
Yonkers Contracting Company	Existing Facilities Program, EFP2064 - Yonkers Contracting	988
You Save Green Incorporated	New York Sun Program, NY-Sun	66,342
·	New York Sun Program, RES-New Const & Adv Tech	46,085
Yulicka Petroleum Inc.	Fuel NY, GSP00408 - Yulicka Petroleum I	10,000
Zero Energy Homes, LLC	New York Sun Program, NY-Sun	5,760
Zone 5, Inc.	Administration OH, RFQL and RFP 1224	66,383
Zotos International, Inc.	Large Scale Renewables, 8th RPS Main Tier Solicitation	25,752
Zullin Inc.	Fuel NY, GSP00673 - Zullin Inc.	9,500
Zwilling J.A. Henckels LLC	New Construction Program, NCP11078 - Zwilling J.A. Henck	15,115
Grand Total		194,758,143

Contractor	Project Description	Total Expended Amount
1 Stop Camera & Electronics Ctr	Empower, Single Family Residential	63,301
120 Bloomingdale Road LLC	Existing Facilities Program, Commercial	25,450
120 East Ave LLC	Existing Facilities Program, Commercial	7,900
389 Willoughby LLC	Existing Facilities Program, Commercial	8,000
555 Riverwalk Parkway LLC	Existing Facilities Program, Commercial	7,200
A Johnson Home Comfort, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	1,505
	Empower, Single Family Residential	49,141
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	11,950
	Home Performance with Energy Star, Single Family Residential	4,092
ABC Refrigeration	Market Pathways, Products	15,000
Action for a Better Community, Inc.	Empower, Single Family Residential	124,768
Adirondack Community Action	Empower, Single Family Residential	29,108
ADR Home Energy Solutions LLC.	Empower, Single Family Residential	29,575
	Market Pathways, Workforce Dev & Train	350
Advanced Energy Systems of NY, LLC	Assisted Home Performance with Energy Star, Single Family Residential	1,000
	Empower, Single Family Residential	23,735
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	2,900
Agudsa Taharas Hamishpacha of Crown Heig	Existing Facilities Program, Commercial	5,750
Albany Community Action Partnership	Empower, Single Family Residential	38,963
Albany International Corporation	Existing Facilities Program, Commercial	34,926
All Star Energy, Inc.	Empower, Single Family Residential	249,042
All-State Air Control Sales & Service	Market Pathways, Products	61,800
Allstar Energy Heating & Cooling	Assisted Home Performance with Energy Star, Single Family Residential	20,373
3, 444 3 44 3	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	93,820
	Home Performance with Energy Star, Single Family Residential	78,650
	Market Pathways, Single Family Residential	1,348
Alternative Power and Light	New York Sun Program, NY-Sun	13,200
Alumalite LED Corp	Existing Facilities Program, Commercial	56,495
American AWS Corp.	Assisted Home Performance with Energy Star, Single Family Residential	2,654
- Inc. 100 100 100 100 100 100 100 100 100 10	Empower, Single Family Residential	65,644
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	72,350
	Home Performance with Energy Star, Single Family Residential	19,596
American Energy Saving Solution	Existing Facilities Program, Commercial	61,300
American Power Solutions Inc	Existing Facilities Program, Commercial	95,045
American Power Solutions NY	Existing Facilities Program, Commercial	26,550
Analytic Energy, LLC	Assisted Home Performance with Energy Star, Single Family Residential	1,733
Amarytic Enorgy, 220	Empower, Single Family Residential	13,954
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	4,700
	Home Performance with Energy Star, Single Family Residential	9,646
Ashury United Methodist Church	Existing Facilities Program, Commercial	8,514
AspirEnergy	Existing Facilities Program, Commercial	46,430
Association for Energy Affordability, In		213,539
Association for Energy Anordability, in	Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid	11,440
		995
Astar Heating & Air Conditioning	Home Performance with Energy Star, Single Family Residential	500
Asian reading & An Conditioning	Assisted Home Performance with Energy Star, Single Family Residential	
Atlantia I ED Inc	Home Performance with Energy Star, Single Family Residential	8,821
Atlantic LED Inc	Existing Facilities Program, Commercial	10,270
Autonement Housing Corporation	Home Performance with Energy Star, RES-New Const & Adv Tech	18,000
Auburn Armature Inc.	Market Pathways, Products	7,000
Aztech Geothermal, LLC	Assisted Home Performance with Energy Star, Single Family Residential Green Jobas Green New York Revolving Loan Fund, Single Family Resid	500

Contractor	Project Description Assisted Home Performance with Energy Star, Single Family Residential	otal Expended Amount
Aztech Geothermal, LLC	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	5,400
	Home Performance with Energy Star, Single Family Residential	121
	Market Pathways, Single Family Residential	5,667
Banco Sandanter SA	Existing Facilities Program, Commercial	9,750
Barlow Pools Inc.	Market Pathways, Workforce Dev & Train	5,200
Barrett Capital Corporation	Green Jobs Green New York Revolving Loan Fund, Products	50,000
Belmont Housing Resources for WNY, Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	25,000
Belmonte Builders	Home Performance with Energy Star, RES-New Const & Adv Tech	2,100
	Market Pathways, Workforce Dev & Train	5,000
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	18,900
Bensol Tech LLC	Empower, Single Family Residential	156,612
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	5,200
	Market Pathways, Workforce Dev & Train	600
BES Group Inc	Existing Facilities Program, Commercial	24,655
Betlem Service Corporation	Assisted Home Performance with Energy Star, Single Family Residential	1,424
Bettern der vice dorporation		39,330
	Empower, Single Family Residential	17,000
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	
	Home Performance with Energy Star, Single Family Residential	4,895
DOT 0 W 110	Market Pathways, Single Family Residential	2,760
BGT Consulting LLC	New York Sun Program, NY-Sun	6,600
Bhavi Spring Valley LLC	Existing Facilities Program, Commercial	9,000
Bielmeier Builders	Home Performance with Energy Star, RES-New Const & Adv Tech	300
	Market Pathways, Workforce Dev & Train	2,360
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	2,700
BJ America LED	Existing Facilities Program, Commercial	13,850
Black Cherry Services Group, Inc.	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	2,300
	Home Performance with Energy Star, Single Family Residential	4,241
Blue Skies Solar II, LLC	New York Sun Program, NY-Sun	6,618
BlueOx Corporation	Assisted Home Performance with Energy Star, Single Family Residential	2,930
	Empower, Single Family Residential	7,860
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	15,320
	Home Performance with Energy Star, Single Family Residential	6,972
	Market Pathways, Single Family Residential	650
BPTC	Home Performance with Energy Star, RES-New Const & Adv Tech	7,720
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	10,080
Breathe Easy of CNY Inc.	Empower, Single Family Residential	33,148
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,250
	Renewable Heat NY, Single Family Residential	1,000
BrightHOME Energy Solutions, LLC	Assisted Home Performance with Energy Star, Single Family Residential	4,912
	Empower, Single Family Residential	33,500
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	48,090
	Home Performance with Energy Star, Single Family Residential	118,656
	Market Pathways, Workforce Dev & Train	150
BriteSwitch	Existing Facilities Program, Commercial	6,995
Brooklyn Green Home Solutions Inc.	Assisted Home Performance with Energy Star, Single Family Residential	1,978
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	2,440
	Home Performance with Energy Star, Single Family Residential	2,728
Bruni & Campisi Energy &	Assisted Home Performance with Energy Star, Single Family Residential	3,289
Bruni & Campisi Energy &	Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid	3,289 36,030

Contractor	Project Description Home Performance with Energy Star, Single Family Residential	Total Expended Amount
Bruni & Campisi Energy &	Market Pathways, Single Family Residential	25,000
Buffalo Energy, Inc.	Empower, Single Family Residential	327,066
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,650
	Home Performance with Energy Star, RES-New Const & Adv Tech	1,100
	Home Performance with Energy Star, Single Family Residential	700
	Market Pathways, Products	3,300
	Market Pathways, Workforce Dev & Train	600
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	900
Building Efficiency Resources	Home Performance with Energy Star, RES-New Const & Adv Tech	7,630
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	28,170
Building Performance Consulting of NY	Assisted Home Performance with Energy Star, Single Family Residential	220
	Empower, Single Family Residential	22,844
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	750
C&R Housing Inc.	Empower, Single Family Residential	27,499
Capital Energy Consultants LLC	Existing Facilities Program, Commercial	215,300
Capital Heat	Assisted Home Performance with Energy Star, Single Family Residential	1,460
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	14,600
	Home Performance with Energy Star, Single Family Residential	3,299
	Market Pathways, Single Family Residential	3,079
Carina Construction Services LLC	Home Performance with Energy Star, RES-New Const & Adv Tech	600
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	5,400
Cato-Meridian Central School	Existing Facilities Program, Commercial	5,400
Catskill Windmill	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	8,450
	Home Performance with Energy Star, Single Family Residential	2,077
Cayuga/Seneca Community Action Agency, I	Empower, Single Family Residential	140,300
CCB Associates Holdings LLC	Existing Facilities Program, Commercial	14,865
CDS Monarch Inc	Home Performance with Energy Star, RES-New Const & Adv Tech	2,500
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	22,500
Central Heating & Cooling, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	2,217
Contain reading & Cooling, Inc.	Empower, Single Family Residential	1,150
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	2,400
Central Hudson Gas and Electric Corporat	Green Jobs Green New York Revolving Loan Fund, Origin Family Resid.:	392
Solitar Huddon Sub and Elocate Solporat	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	12,368
Century Heating and Air Conditioning, In	Market Pathways, Products	16,500
Charles Settlement House, Inc.	·	950
Onalies Settlement House, inc.	Home Performance with Energy Star, RES-New Const & Adv Tech New York ENERGY STAR Homes, RES-New Const & Adv Tech	8,550
Chautauqua Opportunities, Inc.		171,260
Chautauqua Opportunities, inc.	Empower, Single Family Residential	2,750
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,500
Charicting Companyallas Alaum	Market Pathways, Workforce Dev & Train	
Christine Carnemollac Alcure	New York Sun Program, NY-Sun	6,600
Citi Lighting Inc	Existing Facilities Program, Commercial	125,050
City Electric Co. Inc.	Market Pathways, Products	7,000
Clare Rose Inc	New York Sun Program, NY-Sun	66,000
Clean Energy of New York Inc	New York Sun Program, NY-Sun	5,278
Clover Heating & Cooling	Assisted Home Performance with Energy Star, Single Family Residential	1,000
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,700
ONV. 7 10 1	Home Performance with Energy Star, Single Family Residential	6,576
CNY Home Tech Services	Assisted Home Performance with Energy Star, Single Family Residential	525
CNY Home Tech Services		

Contractor	Project Description Home Performance with Energy Star, Single Family Residential	Total Expended Amount
CNY Home Tech Services	Renewable Heat NY, Single Family Residential	1,000
Columbia Opportunities	Empower, Single Family Residential	75,519
Columbia Opportunities, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	1,000
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	4,300
	Home Performance with Energy Star, Single Family Residential	1,191
	Market Pathways, Single Family Residential	500
Comairco Equipment, Inc.	Existing Facilities Program, Commercial	6,000
Comfort Home Improvement	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	12,450
·	Home Performance with Energy Star, Single Family Residential	6,985
Comfort Home Improvement - Syracuse	Assisted Home Performance with Energy Star, Single Family Residential	1,158
	Empower, Single Family Residential	47,242
	Home Performance with Energy Star, Single Family Residential	10,909
	Market Pathways, Workforce Dev & Train	525
Comfort Home Improvement Co.	Assisted Home Performance with Energy Star, Single Family Residential	713
·	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	15,050
	Home Performance with Energy Star, Single Family Residential	5,149
Comfort Systems USA, Inc.	Market Pathways, Products	20,050
Commission on Economic Opportunity	Empower, Single Family Residential	124,943
,	Market Pathways, Workforce Dev & Train	5,049
Community Action Commission to help the	Empower, Single Family Residential	8,189
Community Action of Orleans and Genesee	Empower, Single Family Residential	14,862
Community Action of Orleans and Genesee Community Action Planning Council of Jef	Empower, Single Family Residential	104,600
	Green Jobs Green New York Revolving Loan Fund, Products	28,999
Community Capital New York, Inc. Community Development Corporation of Lon	G +	89,656
	Empower, Single Family Residential	13,397
Consolidated Edison Company Consolidated Electrical Distributers Inc	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	7,000
Construction Pros, Inc.	Market Pathways, Products	1,465
oonstruction (103, mc.	Assisted Home Performance with Energy Star, Single Family Residential	27,430
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	32,978
	Home Performance with Energy Star, Single Family Residential	32,976
Council Cooperative Futorisis of Albany	Market Pathways, Single Family Residential	
Cornell Cooperative Extension of Albany	Empower, Single Family Residential	50,217
Cornerstone Energy Services	Assisted Home Performance with Energy Star, Single Family Residential	500
	Empower, Single Family Residential	44,516
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	13,600
	Home Performance with Energy Star, Single Family Residential	4,471
Cornwall Central School District	Existing Facilities Program, Commercial	74,710
Cortland County Community Action Program	Empower, Single Family Residential	30,442
Cortland Regional Medical Center	Existing Facilities Program, Commercial	13,450
Costello Solar I LLC	New York Sun Program, NY-Sun	5,345
Cowles Company of Northern New York, Inc	Assisted Home Performance with Energy Star, Single Family Residential	3,278
	Empower, Single Family Residential	77,395
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	11,850
	Home Performance with Energy Star, Single Family Residential	5,110
	Market Pathways, Single Family Residential	500
	Renewable Heat NY, Single Family Residential	2,000
Creative Bus Sales, Inc.	Clean Transportation, Innovation - CleanTransportat	147,980
Crossfield Home Energy Solutions	Assisted Home Performance with Energy Star, Single Family Residential	7,856
	Empower, Single Family Residential	72,744
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	39,550
	Home Performance with Energy Star, Single Family Residential	30,528
	Market Pangways, Single Family Residential	

Contractor	Project Description Home Performance with Energy Star, Single Family Residential	Total Expended Amount
Crossfield Home Energy Solutions	Market Pathways, Single Family Residential	5,699
Crown Heights Jewish Community Council	Empower, Single Family Residential	10,064
Cushman & Wakefield c/o Gateway Plaza	Existing Facilities Program, Commercial	7,400
CVS Pharmacy, Inc.	Existing Facilities Program, Commercial	9,175
D.A. Goudreau, Inc	Empower, Single Family Residential	250,812
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	250
Dave Feldman Heating & Cooling, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	475
5 5	Empower, Single Family Residential	19,869
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	5,800
	Home Performance with Energy Star, Single Family Residential	981
David Homebuilders, Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	6,500
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	58,500
Degraff Bloom Custom Builders, Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	1,500
Doğran Dicem Gaeten Banacıs, mei	Market Pathways, Workforce Dev & Train	556
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	13,500
Delaware Opportunities, Inc.	Empower, Single Family Residential	24,203
Delaware Opportunities, inc.		472
Dalmar Prighton Inc	Market Pathways, Workforce Dev & Train Existing Facilities Program, Commercial	14,300
Delmar Brighton Inc	g :	21,600
Delta Sonic Car Wash Sys. Inc.	Existing Facilities Program, Commercial	8,913
Demand Response Partners Inc.	Existing Facilities Program, Commercial	· · · · · · · · · · · · · · · · · · ·
DH Berry Inc.	Assisted Home Performance with Energy Star, Single Family Residential	3,096
	Empower, Single Family Residential	28,452
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	7,300
	Home Performance with Energy Star, Single Family Residential	16,963
Diamond Heating and Cooling 11 C	Market Pathways, Single Family Residential	2,835
Diamond Heating and Cooling, LLC	Assisted Home Performance with Energy Star, Single Family Residential	1,478
	Empower, Single Family Residential	161,410
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	5,200
	Home Performance with Energy Star, Single Family Residential	5,334
Donald J Devito	Market Pathways, Products	16,950
Donald Spoth Farms and Greenhouse	Existing Facilities Program, Commercial	6,740
Drumriver Consultants, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	474
	Empower, Single Family Residential	13,501
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	3,490
	Home Performance with Energy Star, Single Family Residential	12,662
Dry Harbor Nursing Home	Existing Facilities Program, Commercial	5,750
DSL Marketing and Energy LLC	Existing Facilities Program, Commercial	264,800
DSL Marketing LLC	Existing Facilities Program, Commercial	652,600
Dundon Insulation Inc	Assisted Home Performance with Energy Star, Single Family Residential	2,447
	Empower, Single Family Residential	80,740
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	19,050
	Home Performance with Energy Star, Single Family Residential	11,581
	Market Pathways, Single Family Residential	591
Dutchess Quarry Supply Coinc	Existing Facilities Program, Commercial	10,000
DWC Mechanical, Inc.	Market Pathways, Products	103,500
Eastern Energy Solutions, Inc	Market Pathways, Products	14,630
Eastern Energy Solutions, Inc.	Existing Facilities Program, Commercial	50,460
Eastern Energy Systems Inc.	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	950
	Home Performance with Energy Star, Single Family Residential	3,212
	New York Sun Program, NY-Sun	6,610
	Home Peráprmance with Energy Star, Single Family Residential	

Eastern Energy Systems Inc. EB Design Air, Inc. Home Performance with Energy Star, Single Family Residential Market Pathways, Products Market Pathways, Single Family Residential Eco Heating & Cooling Inc Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Economic Opportunity Program Empower, Single Family Residential Ecova Inc EGG Energy Systems, Inc Assisted Home Performance with Energy Star, Single Family Residential Ecova Inc EGG Energy Systems, Inc Assisted Home Performance with Energy Star, Single Family Residential Assisted New York ENERGY STAR Homes, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Eldor Contracting Corporation New York Sun Program, NY-Sun Elmwood Warehousing Co Inc Existing Fadilities Program, Commercial Elmwood Warehousing Co Inc Existing Fadilities Program, Commercial Empower CES, LLC New York Sun Program, NY-Sun Energy Answers Empower, Single Family Residential Energy Design Service Systems Empower, Single Family Residential Energy Design Service Systems Existing Fadilities Program, Commercial Energy Design Service Systems Existing Fadilities Program, Commercial Energy Efficiency Solutions NY LLC Empower, Single Family Residential Energy Endower Single Family Residential Energy Management Solutions, LLC Assisted Home Per	Fotal Expended Amount
Market Pathways, Single Family Residential Empower, Single Family Residential	1,853
Eco Heating & Cooling Inc Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Ecova Inc Ecova Inc Ecova Inc EGG Energy Systems, Inc Assisted New York Revolving Loan Fund, Single Family Residential Assisted New York ENERGY STAR Homes, Single Family Residential Assisted New York ENERGY STAR Homes, Single Family Residential Assisted New York Energy Star, Single Family Residential Assisted New York Energy Star, Single Family Residential Assisted New York Sun Program, NY-Sun Elmwood Warehousing Co Inc Eldor Contracting Corporation New York Sun Program, NY-Sun Elmwood Warehousing Co Inc Existing Facilities Program, Commercial Empower CES, LLC Energy Answers Empower, Single Family Residential Energy Design Service Systems Energy Horizon Energy Assisted Home Performance with Energy Star, Single Family Residential Energy Design Service Systems Existing Facilities Program, NY-Sun Energy Efficiency Solutions NY LLC Empower, Single Family Residential Energy Efficiency Solutions NY LLC Empower, Single Family Residential Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Empower, Sin	3,000
Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Economic Opportunity Program Empower, Single Family Residential Ecova Inc Existing Facilities Program, Commercial EGG Energy Systems, Inc Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Sun Program, NY-Sun Elmowod Warshousing Co Inc Elidor Contracting Corporation Mew York Sun Program, NY-Sun Elmowod Warshousing Co Inc Existing Facilities Program, Commercial Empower CES, LLC New York Sun Program, NY-Sun Energy Answers Empower, Single Family Residential Energy Design Service Systems Empower, Single Family Residential Energy Design Service Systems Existing Facilities Program, Commercial Energy Efficiency Solutions NY LLC Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Market Pathways, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Empower, Single Family Residentia	1,688
Green Jobs Green New York Revolving Loan Fund, Single Family Residential Economic Opportunity Program	500
Green Jobs Green New York Revolving Loan Fund, Single Family Residential Economic Opportunity Program	45,620
Home Performance with Energy Star, Single Family Residential Ecova Inc	3,500
Economic Opportunity Program	1,404
Ecova Inc EGG Energy Systems, Inc Assisted Home Performance with Energy Star, Single Family Residential Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York ENERGY STAR Homes, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Home Performance with Energy Star, Single Family Residential Home Performance with Energy Star, Single Family Residential Eldor Contracting Corporation Eldor Contracting Corporation New York Sun Program, NY-Sun Elmwood Warehousing Co Inc Existing Facilities Program, Commercial Empower CES, LLC New York Sun Program, NY-Sun Energy Answers Empower, Single Family Residential Energy by Choice, LTD New York Sun Program, NY-Sun Energy Conservation Specialists LLC Green Jobs Green New York Revolving Loan Fund, Single Family Residential Energy Design Service Systems Existing Facilities Program, Commercial Energy Efficiency Solutions NY LLC Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Energy Management Technical Services Inc Empower, Single Family Residential Energy Savers Inc Energy Family Residential Energy Family Residential Energy Family Residential Energy Savers Inc Ene	92.737
EGG Energy Systems, Inc Assisted Home Performance with Energy Star, Single Family Residential Assisted New York ENERGY STAR Homes, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Eldor Contracting Corporation Eldor Contracting Corporation New York Sun Program, NY-Sun Elmwood Warehousing Co Inc Existing Facilities Program, Commercial Empower CES, LLC New York Sun Program, NY-Sun Energy Answers Empower, Single Family Residential Energy Design Service Systems Energy Design Service Systems Energy Design Service Systems Energy Efficiency Solutions NY LLC Energy Efficiency Solutions NY LLC Energy Efficiency Solutions NY LLC Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Energy Management Technical Services Inc Energy Management Technical Services Inc Energy Empower, Single Family Residential Energy Energy Savers Inc Assisted Home Performance with Energy Star, Single Family Residential Energy Energy Savers Inc Assisted Home Performance with Energy Star, Single Family Residential Energy Savers Inc Home Performance with Energy Star, Single Family Residential Energy Savers Inc Home Performance with Energy Star, Single Family Residential Energy Savers Inc Home Performance with Energy Star, Single Family Residential Energy Savers Inc Home Performance with Energy Star,	14,145
Assisted New York ENERGY STAR Homes, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Eldor Contracting Corporation New York Sun Program, NY-Sun Elmwood Warehousing Co Inc Existing Facilities Program, Commercial emitLED Inc Existing Facilities Program, Commercial Empower CES, LLC New York Sun Program, NY-Sun Energy Answers Empower, Single Family Residential Energy by Choice, LTD Energy Conservation Specialists LLC Green Jobs Green New York Revolving Loan Fund, Single Family Residential Energy Design Service Systems Existing Facilities Program, NY-Sun Energy Efficiency Solutions NY LLC Empower, Single Family Residential Energy Efficiency Solutions NY LLC Energy Efficiency Solutions NY LLC Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Empower,	297
Green Jobs Green New York Revolving Loan Fund, Single Family Residential Eldor Contracting Corporation New York Sun Program, NY-Sun Elmwood Warehousing Co Inc Existing Facilities Program, Commercial	312
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Eldor Contracting Corporation New York Sun Program, NY-Sun Elmwood Warehousing Co Inc Existing Facilities Program, Commercial emitLED Inc Existing Facilities Program, Commercial Empower CES, LLC New York Sun Program, NY-Sun Energy Answers Empower, Single Family Residential Energy by Choice, LTD New York Sun Program, NY-Sun Energy Conservation Specialists LLC Green Jobs Green New York Revolving Loan Fund, Single Family Residential Energy Design Service Systems Existing Facilities Program, Commercial Energy Efficiency Solutions NY LLC Empower, Single Family Residential Energy Efficiency Solutions NY LLC Empower, Single Family Residential Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Energy Management Technical Services Inc Empower, Single Family Residential <	10,767
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Energy Answers Empower, Single Family Residential Energy by Choice, LTD New York Sun Program, NY-Sun Energy Conservation Specialists LLC Green Jobs Green New York Revolving Loan Fund, Single Family Residential Energy Design Service Systems Existing Facilities Program, Commercial Energy Efficiency Solutions NY LLC Empower, Single Family Residential Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Market Pathways, Single Family Residential Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Energy Management Technical Services Inc Empower, Single Family Residential	296,585
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Energy Efficiency Solutions NY LLC Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Finergy Management Technical Services Inc Empower, Single Family Residential Energy Savers Inc Empower, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Market Pathways, Single Family Residential Market Pathways, Single Family Residential	7,162
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Home Performance with Energy Star, Single Family Residential Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Market Pathways, Single Family Residential Energy Star, Single Family Residential Market Pathways, Single Family Residential Energy Management Technical Services Inc Empower, Single Family Residential Energy Savers Inc Empower, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Market Pathways, Single Family Residential Market Pathways, Single Family Residential Market Pathways, Single Family Residential	10,850
Energy Evolution Inc Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Energy Management Technical Services Inc Empower, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Market Pathways, Single Family Residential Market Pathways, Single Family Residential	6,650
Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Energy Management Technical Services Inc Empower, Single Family Residential Energy Savers Inc Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Market Pathways, Single Family Residential	500
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Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Energy Management Technical Services Inc Empower, Single Family Residential Energy Savers Inc Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential	14,050
Energy Management Solutions, LLC Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Reside Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Energy Management Technical Services Inc Empower, Single Family Residential Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Market Pathways, Single Family Residential Market Pathways, Single Family Residential	18,773
Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Energy Management Technical Services Inc Empower, Single Family Residential Energy Savers Inc Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential	573
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Energy Management Technical Services Inc Energy Savers Inc Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential	705
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Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential	2,245
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Market Pathways, Single Family Residential	12,194
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Empower, Single Family Residential	261,580
	6,300
Green Jobs Green New York Revolving Loan Fund, Single Family Resid	
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Home Performance with Energy Star, Single Family Residential	976
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New York Sun Program, NY-Sun Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial Market Pathways, Products Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid Market Pathways, Single Family Residential Existing Facilities Program, Commercial Existing Facilities Program, Commercial Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	66,000 500 6,550 2,962 6,840 78,900 528 9,596 1,500 216 20,000 10,460 3,200 3,452 600 3,000 3,493 9,000 46,413
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Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial Market Pathways, Products Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid Market Pathways, Single Family Residential Existing Facilities Program, Commercial Existing Facilities Program, Commercial Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid Green Jobs Green New York Revolving Loan Fund, Single Family Resid	2,962 6,840 78,900 528 9,596 1,500 216 20,000 10,460 3,200 3,452 600 3,000 3,493 9,000 46,413
Existing Facilities Program, Commercial Market Pathways, Products Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid Market Pathways, Single Family Residential Existing Facilities Program, Commercial Existing Facilities Program, Commercial Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid Green Jobs Green New York Revolving Loan Fund, Single Family Resid	6,840 78,900 528 9,596 1,500 216 20,000 10,460 3,200 3,452 600 3,000 3,493 9,000 46,413
Market Pathways, Products Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid Market Pathways, Single Family Residential Existing Facilities Program, Commercial Existing Facilities Program, Commercial Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid Green Jobs Green New York Revolving Loan Fund, Single Family Resid	78,900 528 9,596 1,500 216 20,000 10,460 3,200 3,452 600 3,000 3,493 9,000 46,413
Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid Market Pathways, Single Family Residential Existing Facilities Program, Commercial Existing Facilities Program, Commercial Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	528 9,596 1,500 216 20,000 10,460 3,200 3,452 600 3,000 3,493 9,000 46,413
Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid Market Pathways, Single Family Residential Existing Facilities Program, Commercial Existing Facilities Program, Commercial Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid Green Jobs Green New York Revolving Loan Fund, Single Family Resid	9,596 1,500 216 20,000 10,460 3,200 3,452 600 3,000 3,493 9,000 46,413
Green Jobs Green New York Revolving Loan Fund, Single Family Resid Market Pathways, Single Family Residential Existing Facilities Program, Commercial Existing Facilities Program, Commercial Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,500 216 20,000 10,460 3,200 3,452 600 3,000 3,493 9,000 46,413
Market Pathways, Single Family Residential Existing Facilities Program, Commercial Existing Facilities Program, Commercial Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid Green Jobs Green New York Revolving Loan Fund, Single Family Resid	216 20,000 10,460 3,200 3,452 600 3,000 3,493 9,000 46,413
Existing Facilities Program, Commercial Existing Facilities Program, Commercial Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	20,000 10,460 3,200 3,452 600 3,000 3,493 9,000 46,413
Existing Facilities Program, Commercial Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	10,460 3,200 3,452 600 3,000 3,493 9,000 46,413
Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	3,200 3,452 600 3,000 3,493 9,000 46,413
Home Performance with Energy Star, Single Family Residential Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	3,452 600 3,000 3,493 9,000 46,413
Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	600 3,000 3,493 9,000 46,413
Market Pathways, Workforce Dev & Train Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	3,000 3,493 9,000 46,413
Green Jobs Green New York Revolving Loan Fund, Single Family Resid Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	3,493 9,000 46,413
Home Performance with Energy Star, Single Family Residential Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	9,000 46,413
Existing Facilities Program, Commercial New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	46,413
New York Sun Program, NY-Sun Green Jobs Green New York Revolving Loan Fund, Single Family Resid	46,413
Green Jobs Green New York Revolving Loan Fund, Single Family Resid	
	,
	10,198
	215
	6,509
	4,100
	4,769
	8,161
	262,896
	5,000
	500
	1,650
	4,551
	433
7 7 7	1,000
, c	
·	5,893
	7,555
	151
	3,350
	5,616
	2,671
	10,939
	12,750
	8,076
	8,400
	6,181
	1,046
	468,092
	6,550
	2,979
	Market Pathways, Single Family Residential Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Reside. Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Empower, Single Family Residential Existing Facilities Program, Commercial Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Reside. Home Performance with Energy Star, Single Family Residential Market Pathways, Single Family Residential Market Pathways, Workforce Dev & Train Existing Facilities Program, Commercial Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Residential

Contractor	Project Description Home Performance with Energy Star, Single Family Residential	Total Expended Amount
Global Dwelling	Market Pathways, Single Family Residential	500
	Renewable Heat NY, Single Family Residential	1,000
Global Energy Efficiency	Existing Facilities Program, Commercial	8,936
-	Market Pathways, Products	3,750
GMDC Atlantic Avenue LLC	Existing Facilities Program, Commercial	5,130
Gomez Comfort Systems, LLC	Empower, Single Family Residential	68,721
Granger Development Inc.	Empower, Single Family Residential	10,766
Graves Bros.	Empower, Single Family Residential	220,888
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	2,500
Greater Niagara Mechanical	Market Pathways, Products	23,050
Green Audit USA, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	12,234
	Empower, Single Family Residential	390,138
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	76,850
	Green Jobs Green New York Revolving Loan Fund, Workforce Dev & Tr	2,275
	*	81,758
Green City Force	Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential	26,579
Green Glow Energy	Existing Facilities Program, Commercial	8,000
Green Home Innovations, Inc	Assisted Home Performance with Energy Star, Single Family Residential	467
Green Home Innovations, inc		39,719
	Empower, Single Family Residential	3,500
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	,
	Home Performance with Energy Star, Single Family Residential	2,583
Cream Harris I ania Inc	Market Pathways, Single Family Residential	935
Green Home Logic, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	500
	Empower, Single Family Residential	190,066
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	18,100
	Home Performance with Energy Star, Single Family Residential	5,013
Green Light Energy Conservation	Existing Facilities Program, Commercial	754,371
Green One Energy Inc	Existing Facilities Program, Commercial	526,300
Green Solutions of WNY, Inc.	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	7,700
	Home Performance with Energy Star, Single Family Residential	797
	Market Pathways, Single Family Residential	2,399
GreenHomes Long Island	Assisted Home Performance with Energy Star, Single Family Residential	5,782
	Empower, Single Family Residential	328,279
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	17,250
	Home Performance with Energy Star, Single Family Residential	6,892
Greenlex Lighting	Existing Facilities Program, Commercial	144,390
GreenLogic, LLC	New York Sun Program, NY-Sun	129,596
GREENTECH Certified Energy Specialists,	Assisted Home Performance with Energy Star, Single Family Residential	526
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	5,900
	Home Performance with Energy Star, Single Family Residential	8,682
Group-S LLC	Existing Facilities Program, Commercial	18,800
Habitat For Humanity (Buffalo) Inc	Home Performance with Energy Star, RES-New Const & Adv Tech	600
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	5,400
Harvest Power, LLC	New York Sun Program, NY-Sun	7,341
Hawley Street Members, LLC	Existing Facilities Program, Commercial	30,000
Hawn Heating & Energy Services LLC	Assisted Home Performance with Energy Star, Single Family Residential	2,417
	Empower, Single Family Residential	23,292
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	18,750
	Home Performance with Energy Star, Single Family Residential	6,642
	Market Pathways, Single Family Residential	672
	Assisted Hampe Performance with Energy Star, Single Family Residential	

Contractor Hawn Heating & Energy Services LLC	Project Description Market Pathways, Single Family Residential	Total Expended Amount
Healthy Home Energy & Consulting, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	1,000
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	27,840
	Home Performance with Energy Star, Single Family Residential	80,737
	Market Pathways, Workforce Dev & Train	263
Highland Builders Corp.	Empower, Single Family Residential	18,950
Highridge Gardens LP	Home Performance with Energy Star, RES-New Const & Adv Tech	2,500
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	22,500
Home Energy Consultants Inc.	Assisted Home Performance with Energy Star, Single Family Residential	2,488
	Empower, Single Family Residential	179,918
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	9,650
	Home Performance with Energy Star, Single Family Residential	7,238
Home Energy Performance By Halco	Assisted Home Performance with Energy Star, Single Family Residential	20,068
	Empower, Single Family Residential	2,865,086
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	291,800
	Market Pathways, Single Family Residential	125,300
	Renewable Heat NY, Single Family Residential	1,000
Home HeadQuarters, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	5,702
Home Performance Professionals, Inc.	Empower, Single Family Residential	149,663
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,000
Home Performance Technologies	Assisted Home Performance with Energy Star, Single Family Residential	1,453
•	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	40,800
	Home Performance with Energy Star, Single Family Residential	11,113
Home Star Energy Services, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	1,422
	Empower, Single Family Residential	39,204
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	27,650
	Home Performance with Energy Star, Single Family Residential	8,990
Hudson Falls Heating and Air Conditionin	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	6,050
Table of the state	Home Performance with Energy Star, Single Family Residential	614
	Market Pathways, Single Family Residential	214
Hudson National Golf Club	Existing Facilities Program, Commercial	12,000
Hughes Environmental Engineering, Inc.	Market Pathways, Products	31,500
Ian Minerve	Empower, Single Family Residential	908,202
ID Lighting Solutions	Existing Facilities Program, Commercial	433,950
Ideal Energy Solutions LLC	Empower, Single Family Residential	354,815
Independence Square Apts., LP	Home Performance with Energy Star, RES-New Const & Adv Tech	3,700
maoponaonoo oquaro Aprol, El	New York ENERGY STAR Homes, RES-New Const & Adv Tech	33,300
Innovated Energy Solutions	New York Sun Program, NY-Sun	12,694
**	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,050
Innovation Now, LLC	Home Performance with Energy Star, Single Family Residential	4,006
Installed Building Products	Assisted Home Performance with Energy Star, Single Family Residential	2,568
installed Building Froducts		1,053,603
	Empower, Single Family Residential	35,100
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	,
	Home Performance with Energy Star, Single Family Residential	14,430
leage Heating and Air Conditioning Inc	Market Pathways, Single Family Residential	8,880
Isaac Heating and Air Conditioning, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	30,593
	Home Performance with Energy Star, Single Family Residential	91,988
	Market Pathways, Products	6,150
	Market Pathways, Single Family Residential	40,837
	Renewable Heat NY, Single Family Residential	1,000
Island Design and Contracting, LLC	Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid	38,135

Contractor	Project Description Empower, Single Family Residential	Total Expended Amount
Island Design and Contracting, LLC	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	750
	Home Performance with Energy Star, Single Family Residential	794
Ithaca College	Existing Facilities Program, Commercial	6,250
Ivy Lea Construction	Assisted Home Performance with Energy Star, Single Family Residential	3,816
	Empower, Single Family Residential	508,850
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	5,100
	Home Performance with Energy Star, Single Family Residential	5,567
	Market Pathways, Single Family Residential	4,708
J Synergy Green Inc	Assisted Home Performance with Energy Star, Single Family Residential	14,075
	Empower, Single Family Residential	39,318
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	74,960
	Home Performance with Energy Star, Single Family Residential	117,165
Jae H Yoo	Existing Facilities Program, Commercial	11,850
Jagodzinski Construction, Inc	Assisted Home Performance with Energy Star, Single Family Residential	1,426
,	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	11,600
	Home Performance with Energy Star, Single Family Residential	16,491
	Market Pathways, Single Family Residential	3,224
JCB Specialties, Inc.	Marketing, Corporate Marketing	1,506
Jerritt Gluck	Empower, Single Family Residential	98,763
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,250
	Home Performance with Energy Star, Single Family Residential	974
Joann Kruger	New York Sun Program, NY-Sun	5,746
John Betlem Heating & Cooling Inc	Assisted Home Performance with Energy Star, Single Family Residential	4,012
John Bettern Heating & Gooling Inc		120,543
	Empower, Single Family Residential	24,300
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	16,619
	Home Performance with Energy Star, Single Family Residential	3,777
	Market Pathways, Single Family Residential	1,500
John Plauch	Renewable Heat NY, Single Family Residential	
John Blouch	Assisted Home Performance with Energy Star, Single Family Residential	1,500 18,613
	Empower, Single Family Residential	
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	10,750 11,034
	Home Performance with Energy Star, Single Family Residential	, , , , , , , , , , , , , , , , , , ,
John D. Marcella Appliances, Inc	Empower, Single Family Residential	8,843
Johnson Controls Inc.	Existing Facilities Program, Commercial	13,500
Joint Council of Economic Opportunity	Empower, Single Family Residential	112,742
Jonathan Norton	Assisted Home Performance with Energy Star, Single Family Residential	1,614
	Empower, Single Family Residential	225,223
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	37,250
	Home Performance with Energy Star, Single Family Residential	19,787
	Market Pathways, Single Family Residential	9,351
Juan V Cabrera	New York Sun Program, NY-Sun	5,824
K & L Green Operations LLC	Assisted Home Performance with Energy Star, Single Family Residential	27,082
	Assisted New York ENERGY STAR Homes, Single Family Residential	2,435
	Empower, Single Family Residential	22,474
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	116,900
	Home Performance with Energy Star, Single Family Residential	389,073
Kalex Energy Company, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	9,241
	Empower, Single Family Residential	257,160
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	12,400
	Home Performance with Energy Star, Single Family Residential	3,011

Contractor	Project Description Home Performance with Energy Star, Single Family Residential	Total Expended Amount
Kalex Energy Company, Inc.	Market Pathways, Single Family Residential	784
Kehrl Construction and Energy Retro - Fi	Assisted Home Performance with Energy Star, Single Family Residential	1,000
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	4,450
	Home Performance with Energy Star, Single Family Residential	1,358
	Market Pathways, Single Family Residential	890
Kendal at Ithaca	Existing Facilities Program, Commercial	23,500
Kenron Industrial Air Conditioning, Inc.	Market Pathways, Products	24,350
Kilowatt Financial, LLC	New York Sun Program, NY-Sun	8,743
Knoth Heating & Mechanical	Assisted Home Performance with Energy Star, Single Family Residential	500
	Empower, Single Family Residential	85,823
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,500
	Home Performance with Energy Star, Single Family Residential	3,253
Kohl's	Existing Facilities Program, Commercial	20,889
Kool-Temp Heating & Cooling	Assisted Home Performance with Energy Star, Single Family Residential	1,251
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	7,750
	Home Performance with Energy Star, Single Family Residential	1,464
Leonard H Kellner	New York Sun Program, NY-Sun	5,342
Level Solar Inc.	New York Sun Program, NY-Sun	153.321
Lewis County Opportunities, Inc.	Empower, Single Family Residential	14,747
Lightwave Energy, LLC	Existing Facilities Program, Commercial	171,900
Long Island Power Authority	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	166,502
Long Island Power Solutions	New York Sun Program, NY-Sun	44,895
Loretto Apartments	Home Performance with Energy Star, RES-New Const & Adv Tech	1,200
Loretto Apartments		10,800
Lette Inculation Design Inc	New York ENERGY STAR Homes, RES-New Const & Adv Tech	938,108
Lotze Insulation Design, Inc.	Empower, Single Family Residential	11,532
Louis Solar Owner 1, LLC Malcarne Contracting, Inc.	New York Sun Program, NY-Sun	1,004
materine contracting, inc.	Assisted Home Performance with Energy Star, Single Family Residential	171,902
	Empower, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid	12.650
		14,832
	Home Performance with Energy Star, Single Family Residential	5,000
Malta Development Company Inc	Market Pathways, Single Family Residential	1,800
mata bevelopment company inc	Home Performance with Energy Star, RES-New Const & Adv Tech	16,200
Manhattanvilla Callana	New York ENERGY STAR Homes, RES-New Const & Adv Tech	5,245
Manhattanville College	Existing Facilities Program, Commercial	
Margert Community Corporation	Empower, Single Family Residential	62,326
Marketing Power Inc.	Existing Facilities Program, Commercial	263,295
Masullo Brothers Builders Inc	Home Performance with Energy Star, RES-New Const & Adv Tech	1,200
Matt Helene Courter	New York ENERGY STAR Homes, RES-New Const & Adv Tech	10,800
Matt Urban Center	Empower, Single Family Residential	37,036
	Market Pathways, Workforce Dev & Train	475
Mayer Brown	Existing Facilities Program, Commercial	30,000
McGuire Development Company	Existing Facilities Program, Commercial	6,840
Metro NY Insulation LLC	Assisted Home Performance with Energy Star, Single Family Residential	2,022
	Empower, Single Family Residential	102,823
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	16,300
	Home Performance with Energy Star, Single Family Residential	12,095
MetroNorth Railroad	Existing Facilities Program, Commercial	5,295
Metropolitan Truck Sales Inc	Clean Transportation, Innovation - CleanTransportat	72,000
Michael B Kearney	Assisted Home Performance with Energy Star, Single Family Residential	446
	Empower, Single Family Residential	18,090
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	

Contractor	Project Description Empower, Single Family Residential	Total Expended Amount
Michael B Kearney	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	250
	Home Performance with Energy Star, Single Family Residential	1,082
Michael R. Boccacino Inc.	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	4,800
	Market Pathways, Single Family Residential	1,230
Michaels Group	Home Performance with Energy Star, RES-New Const & Adv Tech	7,700
·	Market Pathways, Workforce Dev & Train	11,546
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	69,300
Milea Truck Sales Inc	Clean Transportation, Innovation - CleanTransportat	1,187,200
Miller PI Ufsd 8	New York Sun Program, NY-Sun	35,280
Milner Air Conditioning Services, Inc.	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,650
	Home Performance with Energy Star, Single Family Residential	495
	Market Pathways, Products	52,350
MJ Mechanical Services, Inc.	Market Pathways, Products	27,700
· · · · · · · · · · · · · · · · · · ·	Existing Facilities Program, Commercial	29,100
Modern Lighting Group		186,760
Mohawk Valley Community Action Agency	Empower, Single Family Residential	5,000
Monty Acquisitions LLC	Existing Facilities Program, Commercial	,
Mound Solar Owner IX, LLC	New York Sun Program, NY-Sun	9,595
Mound Solar Owner V, LLC	New York Sun Program, NY-Sun	14,088
Mound Solar Owner VII, LLC	New York Sun Program, NY-Sun	6,836
Mound Solar Owner VIII, LLC	New York Sun Program, NY-Sun	16,093
MTM Realty LLC	Existing Facilities Program, Commercial	11,896
Na Na Collections LLC	Existing Facilities Program, Commercial	26,350
Natale Builders	Home Performance with Energy Star, RES-New Const & Adv Tech	6,600
	Market Pathways, Workforce Dev & Train	4,855
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	5,400
Nebrasky Plumbing & Heating	Assisted Home Performance with Energy Star, Single Family Residential	1,499
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	9,600
	Home Performance with Energy Star, Single Family Residential	15,236
	Market Pathways, Single Family Residential	492
Neighborhood Housing Services (N.H.S) of	Empower, Single Family Residential	72,729
	Market Pathways, Workforce Dev & Train	1,425
Neighborhood Housing Services of Rochest	Assisted Home Performance with Energy Star, Single Family Residential	754
	Empower, Single Family Residential	388,479
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	5,300
	Home Performance with Energy Star, Single Family Residential	243
New Buffalo Impact, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	2,388
	Empower, Single Family Residential	583,151
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	6,900
	Home Performance with Energy Star, Single Family Residential	6,243
New York Business Development Corp	Green Jobs Green New York Revolving Loan Fund, Products	150,000
New York Homeowners Construction Co., LL	Assisted Home Performance with Energy Star, Single Family Residential	9,633
	Empower, Single Family Residential	57,358
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	78,550
	Home Performance with Energy Star, Single Family Residential	44,129
	Market Pathways, Single Family Residential	19,383
New York State Foam & Energy LLC	Assisted Home Performance with Energy Star, Single Family Residential	1,487
3, EE	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	8,850
	Home Performance with Energy Star, Single Family Residential	12,699
	Market Pathways, Single Family Residential	216
Newburgh Metals	Existing Facilities Program, Commercial	5,835
Tomas gri moturo	Green Jobs4Green New York Revolving Loan Fund, Single Family Resid	0,000

Contractor Newburgh Metals	Project Description Existing Facilities Program, Commercial	Total Expended Amount
Next Step Living, Inc.	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	136,990
	Home Performance with Energy Star, Single Family Residential	768
	Market Pathways, Single Family Residential	600
Niagara Community Action Program	Empower, Single Family Residential	35,326
	Market Pathways, Workforce Dev & Train	950
Niagara Mohawk Power Corporation	Green Jobs Green New York Revolving Loan Fund, Products	391
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	20,791
Nispen Adirondack Builders Inc	Assisted Home Performance with Energy Star, Single Family Residential	950
	Empower, Single Family Residential	146,502
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	12,600
	Home Performance with Energy Star, Single Family Residential	6,539
	Market Pathways, Workforce Dev & Train	2,800
Norpco Restaurant Inc	Existing Facilities Program, Commercial	5,775
North East Underlayments LLC	Assisted Home Performance with Energy Star, Single Family Residential	547
norm East Shashaymonto EES	Green Jobs Green New York Revolving Loan Fund, Single Family Resident	19,200
		9,518
	Home Performance with Energy Star, Single Family Residential	
N 41 15 1	Market Pathways, Single Family Residential	1,230
Northbrook Realty	Existing Facilities Program, Commercial	11,200
Northeast Home Improvement & Energy Cons	Empower, Single Family Residential	85,606
Northeast Parent & Child Society, Inc.	Empower, Single Family Residential	127,732
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	4,300
	Home Performance with Energy Star, Single Family Residential	645
	Market Pathways, Single Family Residential	400
Northeast Project Solutions	Empower, Single Family Residential	79,639
Northern Home Services LLC	Empower, Single Family Residential	10,816
NRG Residential Solar Solutions, LLC	New York Sun Program, NY-Sun	55,613
NYS Energy Audits, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	127
	Empower, Single Family Residential	949,972
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	15,450
	Home Performance with Energy Star, Single Family Residential	1,489
	Market Pathways, Workforce Dev & Train	975
NYS Environmental Facilities Corp.	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	574,102
NYS Weatherization Directors Association	Empower, Single Family Residential	6,924
NYSEG	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	19,077
O'Connor Mechanical Corporation	Market Pathways, Products	78,500
OC Wong Corporation	Existing Facilities Program, Commercial	7,070
ODA Community Development Corp.	Empower, Single Family Residential	130,173
Ogdensburgh City School District	Existing Facilities Program, Commercial	32,680
Olum's of Binghamton, Inc.	Empower, Single Family Residential	6,620
OnForce Solar	New York Sun Program, NY-Sun	47,709
Oot Bros., Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	600
,	New York ENERGY STAR Homes, RES-New Const & Adv Tech	5,400
Opportunities for Chenango, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	423
3 ,	Empower, Single Family Residential	53,127
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,250
	Home Performance with Energy Star, Single Family Residential	1,512
	21 2 1	600
Opportunities for Oteogo Inc	Market Pathways, Workforce Dev & Train	
Opportunities for Otsego, Inc.	Empower, Single Family Residential	133,561
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	200
Orange and Rockland Utilities, Inc. Orange County Rural Development Advisory	Green Jobs Green New York Revolving Loan Fund, Single Family Resid Empower Single Family Residential	9,586

Contractor Orange and Rockland Utilities, Inc.	Project Description Green Jobs Green New York Revolving Loan Fund, Single Family Resid	Total Expended Amount
Orange County Rural Development Advisory	Empower, Single Family Residential	24,121
OSI Restaurant Partners, LLC	Existing Facilities Program, Commercial	9,775
Oswald Maynard	Empower, Single Family Residential	13,682
Parkside Fuel, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	26,003
	Empower, Single Family Residential	389,189
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	63,170
	Home Performance with Energy Star, Single Family Residential	36,119
Parviz Farazhzad	Existing Facilities Program, Commercial	14,800
Pathstone Corporation	Empower, Single Family Residential	91,683
Pathstone Enterprise Center, Inc.	Products	13,273
Patriot Energy Solutions Corp	New York Sun Program, NY-Sun	9,829
Paul Mendel, Jr.	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	24,850
	Home Performance with Energy Star, Single Family Residential	930
PEG	Home Performance with Energy Star, RES-New Const & Adv Tech	1,920
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	17,280
Pennbrook Energy Inc.	Assisted Home Performance with Energy Star, Single Family Residential	950
	Empower, Single Family Residential	7,695
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	3,900
	Home Performance with Energy Star, Single Family Residential	5,191
People's Equal Action & Community Effort	Empower, Single Family Residential	342,577
Performance Systems Development, Inc.	Advanced Buildings, Innovation - Buildings	7,547
	Home Performance with Energy Star, RES-New Const & Adv Tech	2,000
	Market Pathways, Single Family Residential	4,241
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	10,800
Phoenix Mechanical	Assisted Home Performance with Energy Star, Single Family Residential	500
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	6,050
	Home Performance with Energy Star, Single Family Residential	30,909
	Market Pathways, Single Family Residential	1,651
	Renewable Heat NY, Single Family Residential	1,000
Dingroy Form 211C		6,900
Pingrey Farm 2 LLC Pioneer Spray Foam LLC	Existing Facilities Program, Commercial Assisted Home Performance with Energy Star, Single Family Residential	9,884
Fioneer Spray Foam LLO		14,839
	Empower, Single Family Residential	,
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	8,950 8,539
	Home Performance with Energy Star, Single Family Residential	
DI D	Market Pathways, Single Family Residential	1,697
Plug Power, Inc.	Combined Heat and Power, Innovation - CleanTransportat	40,600
PMC Eco Supply LLC	Existing Facilities Program, Commercial	139,825
Polsinello Fuels, Inc	Assisted Home Performance with Energy Star, Single Family Residential	530
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	6,750
	Home Performance with Energy Star, Single Family Residential	2,884
	Market Pathways, Single Family Residential	389
Price Chopper / Golub Corporation	Existing Facilities Program, Commercial	25,670
Prime Time Energy Services, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	2,676
	Empower, Single Family Residential	337,843
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	3,450
	Home Performance with Energy Star, Single Family Residential	1,889
Pro Action of Steuben & Yates, Inc.	Empower, Single Family Residential	72,380
Provident LED	Existing Facilities Program, Commercial	127,830
Pyramid Walden Co., L.P.	Existing Facilities Program, Commercial	10,240
R. McLagan, Inc.	Assisted Home Performance with Energy Star, Single Family Residential Empower Single Family Residential	2,087

Contractor	Project Description	Total Expended Amount
R. McLagan, Inc.	Assisted Home Performance with Energy Star, Single Family Residential Empower, Single Family Residential	3,950
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	7,000
		18,206
Padiant Dravell & Inculation Corn	Home Performance with Energy Star, Single Family Residential	
Radiant Drywall & Insulation Corp.	Assisted Home Performance with Energy Star, Single Family Residential	2,160
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	9,650
Deal Ocada Francis Tech Inc	Home Performance with Energy Star, Single Family Residential	23,883
Real Goods Energy Tech, Inc	New York Sun Program, NY-Sun	9,868
Regional Economic Community Action Progr	Empower, Single Family Residential	162,587
Rexel Inc	Existing Facilities Program, Commercial	7,315
RHM Inc.	Assisted Home Performance with Energy Star, Single Family Residential	3,822
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	6,250
	Home Performance with Energy Star, Single Family Residential	12,529
Rodney Lind	Empower, Single Family Residential	25,236
Roe Brothers Inc	Existing Facilities Program, Commercial	5,350
Ross Seeley-Lopez	Assisted Home Performance with Energy Star, Single Family Residential	3,000
	Assisted New York ENERGY STAR Homes, Single Family Residential	834
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	43,050
	Home Performance with Energy Star, Single Family Residential	48,770
Ryan Homes (Virginia)	Home Performance with Energy Star, RES-New Const & Adv Tech	31,700
	Market Pathways, Workforce Dev & Train	20,172
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	285,300
Ryan Plumbing Heating Air Conditioning	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	4,000
	Market Pathways, Products	26,400
	Market Pathways, Single Family Residential	1,705
Safari Energy LLC	New York Sun Program, NY-Sun	146,299
SANFILIPPO SOLUTIONS INC.	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	5,300
	Home Performance with Energy Star, Single Family Residential	2,642
	Market Pathways, Single Family Residential	3,834
	Market Pathways, Workforce Dev & Train	1,450
Saratoga County EOC	Empower, Single Family Residential	46,924
Satco Products Inc.	Statewide Residential Point of Sale, Workforce Dev & Train	12,057
Save-A-Watt Conservation LLC	Existing Facilities Program, Commercial	79,260
Schultz Ford Lincoln Inc.	Clean Transportation, Innovation - CleanTransportat	19,200
Sears Commercial	Empower, Single Family Residential	22,106
Seneca County Weatherization	Empower, Single Family Residential	94,261
•	Market Pathways, Workforce Dev & Train	350
Sethco, LLC	Assisted Home Performance with Energy Star, Single Family Residential	315
,	Empower, Single Family Residential	7,420
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,750
	Home Performance with Energy Star, Single Family Residential	765
Shari L Weissbach	New York Sun Program, NY-Sun	6,600
Sibley Redevelopment Limited Partnership	Existing Facilities Program, Commercial	5,000
Sigma Tremblay, LLC	Assisted Home Performance with Energy Star, Single Family Residential	2,948
	Empower, Single Family Residential	7,278
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	19,500
	Home Performance with Energy Star, Single Family Residential	19,721
Sisson Reserve II, LLC	5, 1, 5	3,200
Ologon Reserve II, LLO	Home Performance with Energy Star, RES-New Const & Adv Tech	
Clay Business Credit I I C	New York ENERGY STAR Homes, RES-New Const & Adv Tech	28,800
Sky Business Credit LLC	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	13,900
Smart Energy Spray Foam, Inc.	Assisted Home Performance with Energy Star, Single Family Residential Green Jobs Green New York Revolving Loan Fund, Single Family Resid	402

Contractor	Project Description Assisted Home Performance with Energy Star, Single Family Residential	Total Expended Amount
Smart Energy Spray Foam, Inc.	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	8,900
	Home Performance with Energy Star, Single Family Residential	3,788
Snug Planet, LLC	Assisted Home Performance with Energy Star, Single Family Residential	8,983
	Empower, Single Family Residential	30,668
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	24,300
	Home Performance with Energy Star, Single Family Residential	15,042
	Market Pathways, Single Family Residential	500
	Market Pathways, Workforce Dev & Train	1,350
Solar Energy Haus, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	582
	Assisted New York ENERGY STAR Homes, Single Family Residential	1,164
	Empower, Single Family Residential	6,394
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	55,660
	Green Jobs Green New York Revolving Loan Fund, Workforce Dev & Tr	150
		22,705
	Home Performance with Energy Star, Single Family Residential	600
Color Engrave World N.L. L.C	Market Pathways, Workforce Dev & Train	6,422
Solar Energy World NJ, LLC Solar House I, LLC	New York Sun Program, NY-Sun	16,518
,	New York Sun Program, NY-Sun	9,680
Solar Integrated Fund II LLC	New York Sun Program, NY-Sun	· · · · · · · · · · · · · · · · · · ·
Solar Integrated Fund III, LLC	New York Sun Program, NY-Sun	5,523
South Town Plaza Associates LLC	Existing Facilities Program, Commercial	16,525
South Towns Appliance	Empower, Single Family Residential	61,087
Southampton High School	New York Sun Program, NY-Sun	188,000
Spillane Parkside Corp	Existing Facilities Program, Commercial	6,650
St Louis Church	Existing Facilities Program, Commercial	7,530
St. Lawrence County Development Program	Empower, Single Family Residential	43,769
Standard Insulating Company	Assisted Home Performance with Energy Star, Single Family Residential	6,790
	Empower, Single Family Residential	697,251
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	14,600
	Home Performance with Energy Star, Single Family Residential	13,275
	Market Pathways, Single Family Residential	24,655
Steinberg & Pokoik Management Corp	Existing Facilities Program, Commercial	30,000
Steven Winter Associates, Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	660
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	7,940
Stoneleigh Housing, Inc	Empower, Single Family Residential	20,269
Sungevity, Inc.	New York Sun Program, NY-Sun	13,424
SunRun, Inc	New York Sun Program, NY-Sun	315,574
Sunset Park Redevelopment Comm	Empower, Single Family Residential	52,961
SUNY Institute of Technology	Existing Facilities Program, Commercial	11,000
SUNY Oneonta	Existing Facilities Program, Commercial	27,000
Superior Energy Innovations, LLC	Assisted Home Performance with Energy Star, Single Family Residential	500
	Empower, Single Family Residential	350,887
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	7,900
	Home Performance with Energy Star, Single Family Residential	9,607
	Market Pathways, Single Family Residential	308
Superior Heating Co	Market Pathways, Products	360,050
Superior Insulation Co., LLC	Empower, Single Family Residential	986,169
	Home Performance with Energy Star, Single Family Residential	2,803
	Market Pathways, Single Family Residential	500
	Market Pathways, Workforce Dev & Train	2,075
	Existing Facilities Program, Commercial	88,350

Contractor Supreme Lighting	Project Description Existing Facilities Program, Commercial	Total Expended Amount
Sure Energy, LLC	New York Sun Program, NY-Sun	8,451
Sustainable Comfort, Inc	Home Performance with Energy Star, RES-New Const & Adv Tech	500
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	4,500
Sylvania Lighting Services Corp	Existing Facilities Program, Commercial	22,780
Syracuse University	Environmental Research, Environment Research	7,000
TAG Mechanical Systems, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	1,517
	Empower, Single Family Residential	32,386
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	2,000
	Home Performance with Energy Star, Single Family Residential	225
	Market Pathways, Single Family Residential	1,025
Taylor Heating Inc.	Assisted Home Performance with Energy Star, Single Family Residential	5,110
	Empower, Single Family Residential	121,712
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	19,900
	Home Performance with Energy Star, Single Family Residential	11,691
	Market Pathways, Single Family Residential	750
Tech Park Owner	Existing Facilities Program, Commercial	19,870
Technology Credit Corporation	New York Sun Program, NY-Sun	60,466
Tek Express, Inc.	Market Pathways, Products	83,650
Tern Construction & Development, LLC	Home Performance with Energy Star, RES-New Const & Adv Tech	7,450
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	67,050
The Climate Chief LLC	Assisted Home Performance with Energy Star, Single Family Residential	2,050
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	2,950
	Home Performance with Energy Star, Single Family Residential	8,194
The Energy Doctors	Empower, Single Family Residential	46,283
The Furniture Warehouse	Existing Facilities Program, Commercial	12,450
The Goldman Sachs Group, Inc.	New York Sun Program, NY-Sun	77,540
The Hamister Hospitality Wake LLC	Existing Facilities Program, Commercial	22,376
The Kittinger Company Inc	Existing Facilities Program, Commercial	5,815
The Radiant Store	Assisted Home Performance with Energy Star, Single Family Residential	699
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	8,050
	Renewable Heat NY, Single Family Residential	1,000
The Wendys Company	Existing Facilities Program, Commercial	9,755
Thermal Energy Concepts, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	929
. ,	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	22,900
	Home Performance with Energy Star, Single Family Residential	21,863
Three Peaks Energy Corp.	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	21,150
	Home Performance with Energy Star, Single Family Residential	2,291
	Market Pathways, Single Family Residential	786
Tioga Opportunities Inc.	Empower, Single Family Residential	405,805
Tompkins Community Action	Assisted Home Performance with Energy Star, Single Family Residential	2,492
, , , , , , , , , , , , , , , , , , , ,	Empower, Single Family Residential	44,642
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	1,500
	Home Performance with Energy Star, Single Family Residential	292
Toolroom Express, Inc.	Existing Facilities Program, Commercial	10,160
Town of Babylon	Home Performance with Energy Star, Single Family Residential	40,987
Town of Bethlehem (Voorheesville)	Cleaner Greener Communities, High Performance Bldgs	5,000
Town of Big Flats	Existing Facilities Program, Commercial	9,000
Town of Otto	Cleaner Greener Communities, Communities & Local Government	5,000
Town of Williamson	Cleaner Greener Communities, Communities & Local Government	2,500
	Cleaner Greener Communities, High Performance Bldgs	2,500
	Existing Fagilities Program, Commercial	2,300

Contractor Town of Williamson	Project Description Cleaner Greener Communities, High Performance Bldgs	Total Expended Amount
Trane	Existing Facilities Program, Commercial	67,639
	Market Pathways, Products	500
Tri Main Development LLC	Existing Facilities Program, Commercial	23,000
Triple H Contracting, Inc.	Assisted Home Performance with Energy Star, Single Family Residential	7,430
	Empower, Single Family Residential	98,654
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	87,200
	Green Jobs Green New York Revolving Loan Fund, Workforce Dev & Tr	300
	Home Performance with Energy Star, Single Family Residential	83,831
Trojanski Builders, LLC	Home Performance with Energy Star, RES-New Const & Adv Tech	600
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	5,400
TRS Heating and Air Conditioning Co., In	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	8,350
	Home Performance with Energy Star, Single Family Residential	3,570
	Market Pathways, Products	2,750
True Energy Solutions	Assisted Home Performance with Energy Star, Single Family Residential	1,302
	Empower, Single Family Residential	117,018
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	11,900
	Home Performance with Energy Star, Single Family Residential	3,847
		600
Ulster Construction Co. Inc.	Market Pathways, Workforce Dev & Train	202
dister construction co. inc.	Assisted Home Performance with Energy Star, Single Family Residential	
	Empower, Single Family Residential	63,900
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	250
Ulster County Community Action, Inc.	Empower, Single Family Residential	111,216
Upstate Spray Foam Insulation, LLC	Assisted Home Performance with Energy Star, Single Family Residential	1,167
	Empower, Single Family Residential	18,004
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	9,550
	Home Performance with Energy Star, Single Family Residential	2,655
	Market Pathways, Single Family Residential	3,189
US Led Solutions Inc	Existing Facilities Program, Commercial	168,675
Van Hook Service Co., Inc.	Market Pathways, Products	115,000
Vastola Heating and Cooling	Assisted Home Performance with Energy Star, Single Family Residential	1,946
	Empower, Single Family Residential	41,023
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	2,300
	Home Performance with Energy Star, Single Family Residential	611
VISIGOTH SOLAR 1, LLC	New York Sun Program, NY-Sun	9,069
Vivint Solar	New York Sun Program, NY-Sun	1,480,883
Wallkill Central School Districts	Existing Facilities Program, Commercial	64,521
Warren/Hamilton Counties ACEO	Empower, Single Family Residential	56,159
Watertown Appliance and TV Center, Inc.	Empower, Single Family Residential	9,838
Wayne County Action Program	Empower, Single Family Residential	56,209
Westcott 4 LLC	Existing Facilities Program, Commercial	11,425
Westcott Electric LLC	Existing Facilities Program, Commercial	6,800
Whistle Junction Inc	Existing Facilities Program, Commercial	108,795
Willie Oxendine	Empower, Single Family Residential	57,427
Wisconsin Energy Conservation Corp	Assisted Home Performance with Energy Star, Single Family Residential	3,262,144
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	35,722,573
Wise Home Energy, LLC	Assisted Home Performance with Energy Star, Single Family Residential	4,642
	Empower, Single Family Residential	356,969
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	20,600
	Home Performance with Energy Star, Single Family Residential	3,579
	Market Pathways, Workforce Dev & Train	150
	Home Perammance with Energy Star, RES-New Const & Adv Tech	

Contractor Wise Home Energy, LLC	Project Description Market Pathways, Workforce Dev & Train	Total Expended Amount
Wolfe Landing, Llc	Home Performance with Energy Star, RES-New Const & Adv Tech	3,900
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	35,100
Woltner-Summit Contracting, LLC	Empower, Single Family Residential	6,772
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	8,450
	Home Performance with Energy Star, Single Family Residential	3,652
Woodbridge Construction Inc.	Assisted Home Performance with Energy Star, Single Family Residential	6,558
	Empower, Single Family Residential	148,048
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	17,350
	Home Performance with Energy Star, Single Family Residential	5,572
	Market Pathways, Single Family Residential	4,789
Woodstone Custom Homes, Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	10,200
	Market Pathways, Workforce Dev & Train	1,863
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	10,800
Yoichi Corporation	Assisted Home Performance with Energy Star, Single Family Residential	500
	Empower, Single Family Residential	42,269
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	3,600
	Home Performance with Energy Star, Single Family Residential	500
You Save Green Incorporated	Home Performance with Energy Star, Single Family Residential	5,370
	New York Sun Program, NY-Sun	10,133
Yuk Luen Lai	Existing Facilities Program, Commercial	74,200
Zenith Sales of Indiana	Clean Transportation, Innovation - CleanTransportat	94,888
Zenner and Ritter Inc.	Assisted Home Performance with Energy Star, Single Family Residential	4,431
	Empower, Single Family Residential	39,586
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	19,300
	Home Performance with Energy Star, Single Family Residential	6,548
	Market Pathways, Single Family Residential	8,101
Zerodraft of CNY - Syracuse	Assisted Home Performance with Energy Star, Single Family Residential	12,211
	Empower, Single Family Residential	1,580,757
	Home Performance with Energy Star, Single Family Residential	78,298
	Market Pathways, Single Family Residential	36,801
Zerodraft,Albany	Assisted Home Performance with Energy Star, Single Family Residential	139
	Empower, Single Family Residential	107,518
	Green Jobs Green New York Revolving Loan Fund, Single Family Resid	450
	Home Performance with Energy Star, Single Family Residential	2,508
	Market Pathways, Single Family Residential	922
Grand Total		84,053,204

NYSERDA Public Authority Law Report April 1, 2015 to September 30, 2015

Section Break

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
1 John Street LLC	7/14/2015	New Construction Program, NCP12109 - 1 John Street Brook	64,208.00
1 Stop Electronics Center, Inc.	4/30/2015	New Construction Program, NCP11983 - 1 Stop Electronics	5,945.00
1st Light Energy, Inc.	4/1/2015	New York Sun Program, NY-Sun	5,824.00
	4/2/2015	New York Sun Program, NY-Sun	5,824.00
	4/3/2015	New York Sun Program, NY-Sun	6,720.00
	4/6/2015	New York Sun Program, NY-Sun	6,800.00
	4/7/2015	New York Sun Program, NY-Sun	6,720.00
	4/8/2015	New York Sun Program, NY-Sun	5,280.00
	4/14/2015	New York Sun Program, NY-Sun	26,402.00
	4/15/2015	New York Sun Program, NY-Sun	7,762.00
	4/16/2015	New York Sun Program, NY-Sun	5,000.00
	5/5/2015	New York Sun Program, NY-Sun	6,120.00
	5/6/2015	New York Sun Program, NY-Sun	5,368.00
	5/14/2015	New York Sun Program, NY-Sun	2,196.00
	5/28/2015	New York Sun Program, NY-Sun	5,355.00
	6/1/2015	New York Sun Program, NY-Sun	5,850.00
	6/10/2015	New York Sun Program, NY-Sun	11,424.00
	6/22/2015	New York Sun Program, NY-Sun	2,928.00
	8/13/2015	New York Sun Program, NY-Sun	5,198.00
	9/2/2015	New York Sun Program, NY-Sun	5,005.00
B Brothers Petroleum Inc.	5/8/2015	Fuel NY, GSP00683 - 3 Brothers Petroleu	10,000.00
3 Times Square Associates LLC	7/2/2015	Existing Facilities Program, EFP2509 - 3 Times Square	188,177.38
BGi CNYIP, Inc.	6/16/2015	Cleaner Greener Communities, CGC26840 - 3Gi CNYIP	1,000,000.00
BM Company	4/20/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	104,610.00
NYP Ventures LLC	7/9/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	37,000.48
7x24 Exchange Metro NY Chapter, Inc.	5/1/2015	Advanced Buildings, 2015 7x24 Exchange University	5,000.00
15 William Street Condominium	9/16/2015	Multifamily Performance Program, Multifamily	208,000.00
21C4E, Inc.	4/28/2015	New York Sun Program, Solarize Spring 2015	5,000.00
23 Acad St., LLC	9/17/2015	Multifamily Performance Program, Multifamily	20,000.00
25 Methodist Hill Drive LLC	6/30/2015	New Construction Program, NCP12673 - Pictometry	30,000.00
30-30 Equities LLC	6/4/2015		83,635.00
50-50 Equities EEO	0/4/2013	NCP11345 - The Apple Building	99,289.00
22 Sivish Avenue Co. I.I.C	7/20/2045	New Construction Program, NCP11345 - The Apple Building	188,177.38
32 Sixth Avenue Co LLC	7/22/2015	Existing Facilities Program, EFP2510 - Rudin (DMP) - 32 6th	
34 South Main Housing Development Fund C	7/30/2015	Multifamily Performance Program, Multifamily	38,000.00
38 Astoria Owners Corp	8/27/2015	Multifamily Performance Program, Multifamily	10,700.00
42 West Broad Developers LLC	8/24/2015	Multifamily Performance Program, Multifamily	174,300.00
44 Jetview Drive, LLC	5/6/2015	New Construction Program, NCP12930 - 44 Jetview Drive Wa	22,101.00
46 Nevins Street Associates LLC	7/30/2015	New Construction Program, NCP12450 - EVEN Hotel Brooklyn	41,287.00
90 Huntington Associates Inc.	4/21/2015	Multifamily Performance Program, NYSERDA Administration	24,600.00
95 Evergreen Building Investors III LLC	8/24/2015	New Construction Program, NCP13055 - 95 Evergreen	25,456.00
110 William Street Property Investers II	9/28/2015	New Construction Program, NCP12513 - 110 William Street	2,910.00
117 Adams Owners LLC	6/4/2015	New Construction Program, NCP11960 - 117 Adams Street Br	81,473.00
125 Broad Condominium	9/23/2015	Flexible Technical Assistance Program, FlexTech Program - Pon 1746	12,000.00
133 Greenwich St Associates LLC	6/4/2015	NCP11289 - 133 Greenwich St	68,117.00
		New Construction Program, NCP11289 - 133 Greenwich St	114,203.00
140 BW LLC	7/27/2015	Flexible Technical Assistance Program, FlexTech Program PON 1746	42,600.00
140 W 57th Street Building LLC	4/22/2015	Flexible Technical Assistance Program, FlexTech Program - PON1746	8,087.50
158th St. & Riverside Drive Housing Co.	9/16/2015	Multifamily Performance Program, Multifamily	192,150.00
178 Bruckner Commissary LLC	5/6/2015	New Construction Program, NCP11902 - 178 Bruckner Blvd	15,436.00
84 Clarkson Realty LLC	5/26/2015	Multifamily Performance Program, Multifamily	21,300.00
96 Hillside Service Center Inc.	7/1/2015	Fuel NY, GSP00611 - 196 Hillside Servic	10,000.0
220/67 Owners Corp	9/11/2015	Multifamily Performance Program, Multifamily	34,500.0
233 West 125th Street Danforth, LLC	7/30/2015	Multifamily Performance Program, Multifamily	191,000.00
270 Empire Realty LLC	5/26/2015	Multifamily Performance Program, Multifamily	11,700.00
300 Park Avenue Inc	8/11/2015	Flexible Technical Assistance Program, FlexTech Program - Pon 1746	20,500.00
315 West 106th Street Owners, Inc.	9/18/2015	Multifamily Performance Program, Multifamily	36,400.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
341 West Jericho Turnpike Corp.	5/12/2015	Fuel NY, GSP00691 - 341 West Jericho Tu	10,000.00
345 East 73rd Owners Corp	8/27/2015	Multifamily Performance Program, Multifamily	28,400.00
355 Lexington LLC	7/2/2015	Existing Facilities Program, EFP2511- Rudin - 355 Lexing	122,072.50
370 Seventh Avenue Assoc LLC	4/22/2015	Flexible Technical Assistance Program, FlexTech Program - PON1746	16,912.50
85 Ocean Realty LLC	5/26/2015	Multifamily Performance Program, Multifamily	25,000.00
90 West End Apartments Corporation	5/7/2015	Multifamily Performance Program, Multifamily	9,750.00
14 South Crouse Avenue LLC	6/29/2015	New Construction Program, NCP12643 - 614 South Crouse Av	12,260.00
'06 North Clinton LLC	5/20/2015	New Construction Program, NCP11775 - 706 North Clinton R	13,159.00
770 Electric Corp.	6/8/2015	Renewable Thermal, NY-Sun	6,000.00
89 St. Marks Realty Corp	8/14/2015	Multifamily Performance Program, Multifamily	27,800.00
345 Third LP	7/3/2015	Existing Facilities Program, EFP2512 - 845 Third L.P - 845	251,447.50
236 Pacific LLC	7/29/2015	Multifamily Performance Program, Multifamily	42,000.00
275 John Street LLC	5/7/2015	New Construction Program, NCP13147 - 1275 John Street Bu	5,598.00
417 Realty Associates, LLC	5/27/2015	Multifamily Performance Program, Multifamily	28,575.00
000 North Corp.	7/29/2015	Fuel NY, GSP00564 - 2000 North Corp.	3,000.00
2055 Cruger LLC	9/30/2015	Multifamily Performance Program, Multifamily	76,000.00
2187 Holland Avenue Apartment Corp.	5/26/2015	Multifamily Performance Program, Multifamily	10,950.00
475 Third Avenue Owner Realty LLC	9/28/2015	Multifamily Performance Program, Multifamily	91,800.0
841 Realty Associates LLC	5/7/2015	Multifamily Performance Program, Multifamily	17,400.0
410-4414 Cayuga Avenue Owners Corp	5/13/2015	Multifamily Performance Program, Multifamily	700.00
	6/3/2015	Multifamily Performance Program, Multifamily	7,350.00
9270 Bach Rd	6/26/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	20,238.7
A.T. Kearney	7/2/2015	Energy Analysis, Reforming the Energy Vision De	1,600,000.00
,	9/21/2015	Energy Analysis, Reforming the Energy Vision De	627,500.0
bt Associates Inc.	9/3/2015	Energy Analysis, Environmental Res. Outreach	100,000.0
	0.0.2010	Environmental Research, Environmental Res. Outreach	150,000.00
ccord Power, Inc.	7/23/2015	New York Sun Program, NY-Sun	126,400.00
1 0 W 51, 1110.	8/26/2015	New York Sun Program, NY-Sun	5,197.00
CEEE	4/21/2015	-	30,000.00
ctive Solar Development, LLC		Existing Facilities Program, ACEEE 2015 research projects	54,927.00
ictive Solar Development, LLG	4/7/2015	Renewable Thermal, NY-Sun	
	4/8/2015	Renewable Thermal, RES-New Const & Adv Tech	50,000.00
	4/14/2015	Renewable Thermal, RES-New Const & Adv Tech	14,744.00
	4/16/2015	Renewable Thermal, NY-Sun	67,395.00
	4/24/2015	Workforce Development, PON2033-3	9,880.00
	5/5/2015	Renewable Thermal, RES-New Const & Adv Tech	25,000.00
	5/7/2015	Renewable Thermal, NY-Sun	21,551.00
		Renewable Thermal, RES-New Const & Adv Tech	48,219.00
	5/8/2015	Renewable Thermal, NY-Sun	31,000.00
	5/28/2015	Renewable Thermal, RES-New Const & Adv Tech	25,000.0
	6/7/2015	Renewable Thermal, NY-Sun	5,886.0
	6/16/2015	Renewable Thermal, NY-Sun	6,000.00
	7/1/2015	Workforce Development, PON2033-3	8,960.00
	7/6/2015	New York Sun Program, NY-Sun	16,958.0
	7/15/2015	New York Sun Program, NY-Sun	7,182.00
	7/27/2015	Renewable Thermal, NY-Sun	25,364.00
	8/6/2015	Workforce Development, PON2033-3	10,000.00
	8/10/2015	New York Sun Program, NY-Sun	6,840.00
	8/13/2015	Workforce Development, PON2033-3	8,320.00
	8/14/2015	New York Sun Program, NY-Sun	5,130.00
	8/17/2015	PV Incentive Program	31,416.00
		Renewable Thermal, NY-Sun	5,965.00
	8/26/2015	Renewable Thermal, NY-Sun	6,000.00
	9/8/2015	Renewable Thermal, NY-Sun	34,119.00
	9/24/2015	Renewable Thermal, NY-Sun	5,795.00
Adam C. Boese	4/16/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	20,300.00
		-5 - 5 - 7	

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Adam C. Boese	9/23/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	13,600.00
Adelphi University	6/2/2015	Combined Heat and Power, CHPPerformance Program-PON2701	2,400,000.00
Adirondack Area Network	5/26/2015	Administration OH, 2015 Video Recording Services	14,000.00
Adirondack North Country Association	4/17/2015	New York Sun Program, Solarize Spring 2015	15,000.00
Advanced Climate Technologies, LLC	7/14/2015	Renewable Heat NY, Automated Manufacturing System	350,000.00
Advantage Title Agency, Inc.	7/27/2015	Green Jobs Green New York Revolving Loan Fund, Title Company in S	133,333.00
AECOM	6/4/2015	Smart Grid Systems, Town of Hempstead NY Prize	100,000.00
Aegis Energy Services Inc.	4/6/2015	Combined Heat and Power, CHPA - Dorado Apartments	135,000.00
		Combined Heat and Power, CHPA - Gramercy House	148,500.00
	7/28/2015	Combined Heat and Power, Bay Club #2 East Tower CHPA	243,750.00
	8/4/2015	Combined Heat and Power, CHPA - Hayden on the Hudson	180,000.00
Aeonsolar	6/19/2015	New York Sun Program, NY-Sun	20,928.00
	9/8/2015	New York Sun Program, NY-Sun	45,084.00
	9/10/2015	New York Sun Program, NY-Sun	115,000.00
Affordable Housing Partnership	8/18/2015	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	78,580.00
Ahearn Holtzman Inc.	6/29/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	944,871.04
	7/28/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	123,629.76
Air Compressor Engineering Co., Inc.	4/20/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	78,505.20
Air Liquide	9/23/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	37,304.64
Akasaka Enterprises	9/16/2015	Consultant	48,758.00
AKF-engineers	5/21/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	37,707.50
	5/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	100,327.50
	6/4/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	24,915.00
	9/4/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	29,617.50
Alan J Paul	7/16/2015	Renewable Thermal, NY-Sun	9,986.00
Albany Convention Center Authority	8/7/2015	New Construction Program, NCP10695 - NYS Convention Cntr	125,116.00
Albany Management	8/14/2015	Home Performance with Energy Star, Codes & New Construction	9,700.00
rabany managonione	0/11/2010	New York ENERGY STAR Homes, Codes & New Construction	87,300.00
Albany Medical Center	5/11/2015		53,478.00
Albany Medical Center		New Construction Program, NCP12177 - Park South	20,567.50
A line and A to confirm a red. Constru	9/9/2015	New Construction Program, NCP12591 - Albany Medical Offi	136,500.00
Albert Apartment Corp	5/6/2015	Multifamily Performance Program, Multifamily	
Albert V. Nurse	4/22/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	9,999.26
All October October 1997	4/21/2015	Multifamily Performance Program, Multifamily	6,000.00
All Systems Cogeneration, Inc.	9/3/2015	Combined Heat and Power, CHPA - Roosevelt Terrace II	198,000.00
	9/28/2015	Combined Heat and Power, CHPA - Morrisania	180,000.00
All-State Air Control Sales & Service	7/1/2015	Workforce Development, PON 2033-3	9,600.00
Allen Power, Inc.	7/28/2015	Smart Grid Systems, City of Albany Univ. Heights	100,000.00
Alliance Cooperative Energy LLC	4/15/2015	New York Sun Program, NY-Sun	7,392.00
	6/4/2015	New York Sun Program, NY-Sun	3,527.00
	9/1/2015	New York Sun Program, NY-Sun	1,660.00
	9/11/2015	New York Sun Program, NY-Sun	5,096.00
Alliance for Green Heat	7/29/2015	Renewable Heat NY, Energy and Environmental Perfo	198,600.00
Alliance for Housing Inc.	9/29/2015	Multifamily Performance Program, Multifamily	36,400.00
Alliance to Save Energy	4/8/2015	Administration OH, 2015 Associate Membership Dues	25,000.00
Alta East	6/9/2015	Fuel NY, GSP00788 - Alta East, Inc.	10,000.00
Alternative Power Solutions of NY, LLC	4/3/2015	New York Sun Program, NY-Sun	35,180.00
	4/23/2015	New York Sun Program, NY-Sun	10,192.00
	5/5/2015	New York Sun Program, NY-Sun	5,880.00
	5/11/2015	New York Sun Program, NY-Sun	28,672.00
	5/15/2015	New York Sun Program, NY-Sun	20,832.00
	5/26/2015	New York Sun Program, NY-Sun	105.00
	5/27/2015	New York Sun Program, NY-Sun	6,510.00
			5,292.00
	6/2/2015	New Tork Sull Flogram, NT-Sull	
	6/2/2015	New York Sun Program, NY-Sun New York Sun Program, NY-Sun	7,378.00
		New York Sun Program, NY-Sun New York Sun Program, NY-Sun	

Contractor	Contract Executed Date	Project Description	Total Contrac Amour
Alternative Power Solutions of NY, LLC	6/23/2015	New York Sun Program, NY-Sun	10,850.0
	7/6/2015	New York Sun Program, PV Incentive Program	7,378.0
	7/7/2015	New York Sun Program, NY-Sun	7,056.0
	7/21/2015	New York Sun Program, NY-Sun	12,152.0
	8/4/2015	New York Sun Program, NY-Sun	5,208.0
	8/6/2015	New York Sun Program, NY-Sun	6,912.0
	8/7/2015	New York Sun Program, NY-Sun	5,580.0
	8/13/2015	New York Sun Program, NY-Sun	18,048.0
	8/21/2015	New York Sun Program, NY-Sun	7,524.0
	9/2/2015	New York Sun Program, NY-Sun	6,144.0
	9/3/2015	New York Sun Program, NY-Sun	6,912.0
	9/8/2015	New York Sun Program, NY-Sun	13,056.0
	9/9/2015	New York Sun Program, NY-Sun	8,448.0
	9/24/2015	New York Sun Program, NY-Sun	13,656.0
Ambrosino, DePinto & Schmieder	5/5/2015	New Construction Program, Technical Assistance Services	15,517.5
		Technical Assistance Services	10,517.5
	9/4/2015	New Construction Program, Technical Assistance Services	14,114.5
		Technical Assistance Services	9,114.5
American Council for an Energy Efficient	6/18/2015	Industrial Process Efficiency Program, 2015 ACEEE Ally Membership	10,000.0
American Energy Care, Inc.	5/15/2015	New York Sun Program, NY-Sun	38,224.0
	5/26/2015	New York Sun Program, NY-Sun	6,783.0
	5/27/2015	New York Sun Program, NY-Sun	12,495.0
	8/4/2015	New York Sun Program, NY-Sun	8,904.0
	8/27/2015	New York Sun Program, NY-Sun	179.0
	9/15/2015	New York Sun Program, NY-Sun	6,201.
American Express Company	4/10/2015	Existing Facilities Program, EFP2552 - AMEX - 200 Vesey Str	681,561.9
American Fuel Cell	9/4/2015	Clean Transportation, NY-BEST Bench-to-Prototype	250,000.0
American Solar Partners, LLC	4/8/2015	New York Sun Program, NY-Sun	7,068.0
	4/14/2015	New York Sun Program, NY-Sun	14,472.0
	4/16/2015	New York Sun Program, NY-Sun	1,832.0
	4/23/2015	New York Sun Program, NY-Sun	6,840.
	5/1/2015	New York Sun Program, NY-Sun	10,944.
	5/5/2015	New York Sun Program, NY-Sun	10,175.
	5/8/2015	New York Sun Program, NY-Sun	5,040.
	5/11/2015	New York Sun Program, NY-Sun	11,970.
		New York Sun Program, NY-Sun	6,584.
	5/14/2015		9,604.
	5/27/2015	New York Sun Program, NY-Sun	
	6/4/2015	New York Sun Program, NY-Sun	5,813.0 42,808.0
	6/10/2015	New York Sun Program, NY-Sun	
	7/6/2015	New York Sun Program, NY-Sun	26,135. 6,584.
	7/7/2015	New York Sun Program, NY-Sun	
	7/8/2015	New York Sun Program, NY-Sun	14,564.
	7/22/2015	New York Sun Program, NY-Sun	70,253.
	7/23/2015	New York Sun Program, NY-Sun	9,975.
	7/30/2015	New York Sun Program, NY-Sun	6,783.
	8/11/2015	New York Sun Program, NY-Sun	15,162.
	8/14/2015	New York Sun Program, NY-Sun	9,576.
	8/19/2015	New York Sun Program, NY-Sun	7,524.
	9/1/2015	New York Sun Program, NY-Sun	16,359.
	9/8/2015	New York Sun Program, NY-Sun	7,695.
	9/24/2015	New York Sun Program, NY-Sun	5,786.
N Martin Systems	5/6/2015	New Construction Program, NCP12997 - AN Martin Systems W	10,490.
nimal Haven	9/30/2015	New Construction Program, NCP13062 - Animal Haven	7,580.0
Anodyne Solutions	9/25/2015	Smart Grid Systems, City of Schenectady NY Prize	100,000.0
Antares Group, Inc.	4/7/2015	Industrial Process Efficiency Program, Technical Review and Program S	7,252.7
	4/13/2015	Industrial Process Efficiency Program, Technical Review and Program S	11,713.9

Period 4/1/2015 through 9/30/2015			
Contractor	Contract Executed Date	Project Description	Total Contract Amount
Antares Group, Inc.	4/29/2015	Industrial Process Efficiency Program, Technical Review and Program S	30,787.34
	5/12/2015	Industrial Process Efficiency Program, Technical Review and Program S	8,825.78
	5/26/2015	Industrial Process Efficiency Program, Technical Review and Program S	4,364.60
	6/25/2015	Agriculture Energy Efficiency Program, FlexTech Consultant Selection	24,614.24
	6/26/2015	Industrial Process Efficiency Program, Technical Review and Program S	8,485.52
	6/30/2015	Industrial Process Efficiency Program, Technical Review and Program S	15,123.84
	7/3/2015	Industrial Process Efficiency Program, Technical Review and Program S	6,195.09
	7/8/2015	Industrial Process Efficiency Program, Technical Review and Program S	8,950.80
	8/11/2015	Industrial Process Efficiency Program, Technical Review and Program S	9,152.36
	8/14/2015	Industrial Process Efficiency Program, Technical Review and Program S	2,999.81
Anthony Tubolino	5/13/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	1,289.25
AOW Associates, Inc.	8/14/2015	Home Performance with Energy Star, Codes & New Construction	15,450.00
		New York ENERGY STAR Homes, Codes & New Construction	139,050.00
APC Paper of New York, Inc.	4/20/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	64,279.92
Apex Solar Power LLC	4/3/2015	New York Sun Program, NY-Sun	12,600.00
	4/8/2015	New York Sun Program, NY-Sun	7,875.00
	4/9/2015	New York Sun Program, NY-Sun	3,150.00
	4/10/2015	New York Sun Program, NY-Sun	67,725.00
	4/14/2015	New York Sun Program, NY-Sun	22,050.00
	4/15/2015	,	23,450.00
	4/23/2015	New York Sun Program, NY-Sun	14,000.00
		New York Sun Program, NY-Sun	14,875.00
	4/27/2015	New York Sun Program, NY-Sun	
	4/28/2015	New York Sun Program, NY-Sun	4,641.00
	4/29/2015	New York Sun Program, NY-Sun	10,500.00
	5/1/2015	New York Sun Program, NY-Sun	32,725.00
	5/5/2015	New York Sun Program, NY-Sun	29,400.00
	5/12/2015	New York Sun Program, NY-Sun	5,040.00
	5/15/2015	New York Sun Program, NY-Sun	14,525.00
	5/18/2015	New York Sun Program, NY-Sun	1,309.00
	5/22/2015	New York Sun Program, NY-Sun	8,050.00
	5/26/2015	New York Sun Program, NY-Sun	14,000.00
	5/27/2015	New York Sun Program, NY-Sun	12,600.00
	6/1/2015	New York Sun Program, NY-Sun	7,700.00
	6/2/2015	New York Sun Program, NY-Sun	2,975.00
	6/3/2015	New York Sun Program, NY-Sun	5,425.00
	6/8/2015	New York Sun Program, NY-Sun	5,250.00
	6/10/2015	New York Sun Program, NY-Sun	24,325.00
	6/23/2015	New York Sun Program, NY-Sun	87,658.00
	7/7/2015	New York Sun Program, NY-Sun	21,665.00
	7/17/2015	New York Sun Program, NY-Sun	17,500.00
	7/21/2015	New York Sun Program, NY-Sun	29,792.00
	7/23/2015	Renewable Thermal, NY-Sun	6,000.00
	7/24/2015	New York Sun Program, NY-Sun	5,390.00
	7/27/2015	New York Sun Program, NY-Sun	14,500.00
	8/6/2015	New York Sun Program, NY-Sun	15,000.00
	8/7/2015	New York Sun Program, NY-Sun	14,400.00
	8/11/2015	New York Sun Program, NY-Sun	5,400.00
	8/14/2015	New York Sun Program, NY-Sun	5,643.00
	8/17/2015	New York Sun Program, NY-Sun	6,000.00
	8/20/2015	New York Sun Program, NY-Sun	13,950.00
	0/20/2010		
	0/04/0045	Renewable Thermal, NY-Sun	17,040.00
	8/31/2015	New York Sun Program, NY-Sun	12,600.00
	9/1/2015	Renewable Thermal, NY-Sun	6,000.00
	9/9/2015	New York Sun Program, NY-Sun	12,000.00
	9/10/2015	New York Sun Program, NY-Sun	8,700.00
	9/17/2015	Renewable Thermal, NY-Sun	23,355.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Apex Solar Power LLC	9/22/2015	PV Incentive Program	12,000.0
		Renewable Thermal, NY-Sun	6,000.00
	9/23/2015	New York Sun Program, NY-Sun	9,600.0
		PV Incentive Program	6,000.0
		Renewable Thermal, NY-Sun	6,000.00
	9/24/2015	New York Sun Program, NY-Sun	7,488.00
		PV Incentives Program	6,000.0
Aramark Management Srvc Ltd Prtnshp	4/8/2015	Existing Facilities Program, Technical Review and Program S	21,871.1
Arcadis U.S., Inc.	4/13/2015	Industrial Process Efficiency Program, Technical Review and Program S	4,000.00
	4/16/2015	Existing Facilities Program, Technical Review and Program S	28,275.2
	4/29/2015	Existing Facilities Program, Technical Review and Program S	81,214.8
	5/13/2015	Existing Facilities Program, Technical Review and Program S	22,548.0
	6/4/2015	Agriculture Energy Efficiency Program, Technical Review and Program S	75,000.0
	6/29/2015	Existing Facilities Program, Technical Review and Program S	110,594.8
	7/1/2015	Emerging Technology / Accelerated Commercializatio, Technical Revie	14,540.0
		Existing Facilities Program, Technical Review and Program S	41,558.72
	7/3/2015	Flexible Technical Assistance Program, Technical Review and Program.	20,000.0
	7/9/2015	Industrial Process Efficiency Program, Technical Review and Program S	11,905.0
	8/11/2015	Existing Facilities Program, Technical Review and Program S	39,600.0
		Technical Review and Program S	259,940.0
	9/29/2015	Technical Review and Program S	6,451.3
	9/30/2015	Technical Review and Program S	8,908.30
Arch Street Communications, Inc.	5/4/2015	Energy Analysis, Corporate Marketing	40,000.0
Arctic Air Mechanical Corp	4/27/2015	Administration OH, HVAC NYC	5,600.00
Argos Solar, LLC	4/6/2015	NY Sun- Competitive PV, PV System @ Cornell - Geneva	1,314,701.00
Armson Farms, Inc	9/10/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	36,763.7
Amison i amis, mo	9/25/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	5,809.9
Ashlee Kleinhammer	6/26/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	13,700.2
Ashice Richmannine			1,483.1
Association for Energy Affordability, In	8/20/2015 9/11/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	25,000.0
Association for Energy Anordability, in	3/11/2013	2015 AEA Multifamily Buildings	25,000.00
Activism Solor Inc	4/7/0045	Multifamily Performance Program, 2015 AEA Multifamily Buildings	6,105.0
Astrum Solar, Inc.	4/7/2015	New York Sun Program, NY-Sun	
	4/8/2015	New York Sun Program, NY-Sun	12,922.0
	4/9/2015	New York Sun Program, NY-Sun	7,280.00
	4/10/2015	New York Sun Program, NY-Sun	13,104.00
	4/14/2015	New York Sun Program, NY-Sun	15,470.00
	4/15/2015	New York Sun Program, NY-Sun	26,207.00
	4/17/2015	New York Sun Program, NY-Sun	18,018.00
	4/20/2015	New York Sun Program, NY-Sun	7,768.0
	4/21/2015	New York Sun Program, NY-Sun	6,069.0
	4/27/2015	New York Sun Program, NY-Sun	13,468.0
	5/5/2015	New York Sun Program, NY-Sun	13,923.0
	5/6/2015	New York Sun Program, NY-Sun	13,468.0
	5/7/2015	New York Sun Program, NY-Sun	15,400.0
	5/8/2015	New York Sun Program, NY-Sun	6,552.0
	5/11/2015	New York Sun Program, NY-Sun	7,280.0
	5/14/2015	New York Sun Program, NY-Sun	7,280.0
	5/18/2015	New York Sun Program, NY-Sun	7,571.0
	5/19/2015	New York Sun Program, NY-Sun	15,218.0
	5/20/2015	New York Sun Program, NY-Sun	30,769.0
	5/22/2015	New York Sun Program, NY-Sun	20,906.0
	5/26/2015	New York Sun Program, PV Incentive Program	5,642.0
	5/28/2015	New York Sun Program, NY-Sun	8,800.00
	5/29/2015	New York Sun Program, NY-Sun	13,516.00
	6/2/2015	New York Sun Program, NY-Sun	8,736.00
	6/3/2015	New York Sun Program, NY-Sun	11,220.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Astrum Solar, Inc.	6/4/2015	New York Sun Program, NY-Sun	27,904.00
	6/8/2015	New York Sun Program, NY-Sun	8,736.00
	6/10/2015	New York Sun Program, NY-Sun	21,854.00
	6/12/2015	New York Sun Program, NY-Sun	7,098.00
	6/16/2015	New York Sun Program, NY-Sun	11,284.00
	6/17/2015	New York Sun Program, NY-Sun	15,834.00
	6/19/2015	New York Sun Program, NY-Sun	22,295.00
	6/22/2015	New York Sun Program, NY-Sun	11,232.00
	6/25/2015	New York Sun Program, NY-Sun	5,278.00
	6/29/2015	New York Sun Program, NY-Sun	1,696.00
	7/1/2015	New York Sun Program, NY-Sun	15,106.00
	7/6/2015	New York Sun Program, NY-Sun	10,764.00
	7/7/2015	New York Sun Program, NY-Sun	17,472.00
	7/10/2015	New York Sun Program, NY-Sun	16,818.00
	7/14/2015	New York Sun Program, NY-Sun	5,382.00
	7/15/2015	New York Sun Program, NY-Sun	8,892.00
	7/16/2015	New York Sun Program, NY-Sun	26,242.00
	7/10/2015	New York Sun Program, NY-Sun	10,998.00
	7/24/2015	New York Sun Program, NY-Sun	6,864.00
	7/27/2015	New York Sun Program, NY-Sun	7,488.00
	7/29/2015	New York Sun Program, NY-Sun	20,055.00
	7/30/2015		5,616.00
	7/31/2015	New York Sun Program, NY-Sun	5,928.00
		New York Sun Program, NY-Sun	6,084.00
	8/3/2015	New York Sun Program, NY-Sun	
	8/4/2015	New York Sun Program, NY-Sun	6,240.00
	8/6/2015	New York Sun Program, NY-Sun	13,572.00
	8/10/2015	New York Sun Program, NY-Sun	7,956.00
	8/12/2015	New York Sun Program, NY-Sun	14,292.00
	8/14/2015	New York Sun Program, NY-Sun	6,396.00
	8/26/2015	New York Sun Program, NY-Sun	23,114.00
	8/27/2015	New York Sun Program, NY-Sun	7,488.00
	8/31/2015	New York Sun Program, NY-Sun	3,819.00
	9/1/2015	New York Sun Program, NY-Sun	4,502.00
	9/10/2015	New York Sun Program, NY-Sun	5,088.00
	9/11/2015	New York Sun Program, NY-Sun	9,063.00
	9/22/2015	New York Sun Program, NY-Sun	6,552.00
AT&T Services Inc.	4/8/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	77,287.60
	9/8/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	967,244.64
Atelier Ten	5/11/2015	New Construction Program, Technical Assistance Services	23,859.00
		Technical Assistance Services	875.00
	6/22/2015	New Construction Program, Technical Assistance Services	29,536.00
		Technical Assistance Services	5,076.00
	7/2/2015	New Construction Program, Technical Assistance Services	12,377.00
		Technical Assistance Services	7,377.00
	7/3/2015	New Construction Program, Technical Assistance Services	14,948.00
		Technical Assistance Services	9,948.00
Atlantis Management Group II LLC	6/17/2015	Fuel NY, GSP00786 - Atlantis Management	10,000.00
		Fuel NY, GSP00793 - Atlantis Management	10,000.00
		Fuel NY, GSP00795 - Atlantis Management	10,000.00
	7/9/2015	Fuel NY, GSP00638 - Atlantis Management	10,000.00
Auburn City of	6/30/2015	Existing Facilities Program, EFP2073 - City of Auburn	43,611.24
Audubon Properties LLC	9/29/2015	Multifamily Performance Program, Multifamily	48,000.00
Aurora Ridge Dairy LLC	4/3/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	20,848.89
Autronic Plastics, Inc.	7/9/2015	Clean Transportation, Metro Platform Light	248,750.00
AvalonBay Communities, Inc.	4/13/2015	Home Performance with Energy Star, RES-New Const & Adv Tech	17,500.00
			157,500.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Aztech Geothermal, LLC	7/15/2015	Workforce Development, PON 2033 OJT Hire Gross	8,840.00
Ballston Spa Central School	6/26/2015	Smart Grid Systems, Village of Ballston Spa Sch. D	99,873.0
Balsam View Dairy	6/26/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	46,549.20
Bank of New York	5/22/2015	New Construction Program, NCP13164 - 225 Liberty Headqua	30,000.00
	8/11/2015	Green Jobs Green NY Revolving Loan Fund	5,000.00
	8/19/2015	Green Jobs Green NY Revolving Loan Fund	57,000.00
Banks II Quan Associates, Inc.	4/1/2015	Existing Facilities Program, Technical Review and Program S	15,120.00
Barrier Free Living Inc	6/30/2015	Multifamily Performance Program, Multifamily	40,000.00
	9/28/2015	Multifamily Performance Program, Multifamily	130,776.00
Batavia, City of	9/30/2015	Cleaner Greener Communities, CGC42749 - City of Batavia	75,000.00
Beck Farms LLC	6/16/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	19,437.14
Beech Hill Farms	6/16/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	8,469.13
Behavioral Ideas Lab, Inc.	7/20/2015	Advanced Buildings, Behavior Overview & Design	550,000.00
Belair Corp.	6/3/2015	Multifamily Performance Program, Multifamily	851.00
Benchemark Printing, Inc.	4/29/2015	Empower, Printing Services	3,378.85
Bentham Foundation	7/30/2015	Multifamily Performance Program, Multifamily	40,000.00
Bergmann Associates	4/7/2015	Industrial Process Efficiency Program, Technical Review and Program S	4,000.00
	4/13/2015	Industrial Process Efficiency Program, Technical Review and Program S	5,550.00
	4/16/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	66,000.00
	4/21/2015	Renewable Heat NY, Technical Review and Program S	4,650.00
	4/29/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	10,233.00
	6/25/2015	Agriculture Energy Efficiency Program, Technical Review and Program S	6,400.00
		Flexible Technical Assistance Program, FlexTech Consultant Selection	24,600.00
	6/29/2015	Industrial Process Efficiency Program, Technical Review and Program S	4,105.00
	6/30/2015	Industrial Process Efficiency Program, Technical Review and Program S	5,000.00
	8/6/2015	Renewable Heat NY, Technical Review and Program S	3,730.00
	8/21/2015	Industrial Process Efficiency Program, Technical Review and Program S	31,635.00
	9/8/2015	Renewable Heat NY, Technical Review and Program S	7,300.00
	9/16/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	8,550.00
	9/23/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	14,850.00
Berkeley Cooperative Towers Sec. II Corp	5/14/2015	Multifamily Performance Program, Multifamily	111,000.00
Best Energy Power	4/28/2015	New York Sun Program, NY-Sun	14,688.00
<i>5</i> ,	4/29/2015	New York Sun Program, NY-Sun	84,490.00
	5/14/2015	New York Sun Program, NY-Sun	82,296.00
	7/2/2015	New York Sun Program, NY-Sun	28.356.00
	7/7/2015	New York Sun Program, NY-Sun	14,484.00
	7/8/2015	New York Sun Program, NY-Sun	52,660.00
	7/21/2015	New York Sun Program, NY-Sun	17,748.00
	8/7/2015	New York Sun Program, NY-Sun	36,960.00
			11,856.00
Pottowny Corneration	8/14/2015	New York Sun Program, NY-Sun	249,852.00
Bettergy Corporation	4/16/2015	Clean Transportation, Prototype Development	15,073.75
BG Robinson Stop II LLC	5/11/2015	New Construction Program, NCP11890 - The LaSalle Center	654,357.00
BGW Solar 1, LLC	7/6/2015	NY Sun- Competitive PV, PV System @ Oneida County Sher	· · · · · · · · · · · · · · · · · · ·
Bigwood Systems	8/28/2015	Smart Grid Systems, EPTD Smart Grid Program	223,362.00
Bill's Friendly Auto Service	5/12/2015	Fuel NY, GSP00686 - Bill's Friendly Aut	10,000.00
Binghamton City School District	5/15/2015	New Construction Program, NCP11437 - MacArthur School	242,178.00
Binghamton University	5/27/2015	New Construction Program, NCP12485 - Lecture Hall Studen	50,072.00
	7/16/2015	New Construction Program, NCP12349 - Binghamton Universi	15,540.00
Bison Bag	5/15/2015	New Construction Program, NCP12718 - Bison Bag Company	66,702.00
Black River Plumbing, Heating & AC, Inc	4/14/2015	New York Sun Program, NY-Sun	6,664.00
BlocPower Public Benefits Corporation	9/17/2015	Smart Grid Systems, City of NY, Brownsville	100,000.00
Bloomberg, L.P.	4/7/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	41,000.00
Blue Cube Properties, LLC	9/4/2015	Home Performance with Energy Star, Mkt Trn (no longer in use)	33,000.00
Blueland LLC	5/14/2015	New York Sun Program, NY-Sun	101,708.00
Bluestone Creek Development LLC	5/29/2015	New Construction Program, NCP12069 - 7870 Lehigh Crossin	5,190.00
Board of Managers of Cipriani Club Resid	8/4/2015	Flexible Technical Assistance Program, FlexTech Program	19,962.50

Contractor	Contract Executed Date	Project Description	Total Contract Amount
BOCES of Rockland	4/21/2015	New Construction Program, NCP12950 - Jesse Kaplan Buildi	7,675.00
Booz Allen Hamilton, Inc.	5/6/2015	Smart Grid Systems, NY Prize	99,933.00
	5/11/2015	Smart Grid Systems, Village of Florida NY Prize	99,933.00
	5/14/2015	Smart Grid Systems, City of New Rochelle	99,911.00
	5/20/2015	Smart Grid Systems, Town of Moreau NY Prize	99,933.00
	7/6/2015	Smart Grid Systems, City of Watervliet NY Prize	99,933.00
	7/14/2015	Smart Grid Systems, City of Elmira NY Prize	99,933.00
		Smart Grid Systems, City of NY Sunnyside Yard	99,959.00
		Smart Grid Systems, Town of Cortlandt NY Prize	99,911.00
		Smart Grid Systems, Town of Mamaroneck NY Prize	99,933.00
		Smart Grid Systems, Town of Mt. Kisco NY Prize	99,875.00
		Smart Grid Systems, Village of Liberty NY Prize	99,856.00
		Smart Grid Systems, Village of Monticello NY Prize	99,832.00
	7/15/2015	Smart Grid Systems, Town of Clarkstown NY Prize	99,707.00
	7/17/2015	Smart Grid Systems, City of Kingston NY Prize	99,832.00
	7/20/2015	Smart Grid Systems, Village of Carthage NY Prize	99,720.00
	7/28/2015	Smart Grid Systems, Town of Somers NY Prize	99,993.00
	7/29/2015	Smart Grid Systems, Village of Chateaugay NY Prize	99,872.00
Boro Park Village - Phase II	5/26/2015	Multifamily Performance Program, Multifamily	3,900.00
Borrego Solar Systems, Inc.	7/30/2015	NY Sun- Competitive PV, PV System @ Ithaca College	1,620,369.00
borrego colar dystems, me.	9/10/2015	Commercial/Industrial	865,138.64
	9/14/2015	Commercial/Industrial	1,143,634.88
Povlar Point Forms			
Boxler Dairy Farms	4/20/2015	Anaerobic Digester Program, Boxler Dairy Farms Scrubber	168,250.00
DDO One of Builder Inc	6/15/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	91,130.18
BPC Green Builder, Inc.	4/10/2015	Home Performance with Energy Star, RES-New Const & Adv Tech	9,000.00
Brand/Cool Marketing	5/27/2015	Empower, RFQL and RFP 1224	291,592.00
	0/00/0045	Home Performance with Energy Star, RFQL and RFP 1224	300,000.00
	6/29/2015	Multifamily Performance Program, RFQL and RFP 1224	85,887.81
		RFQL and RFP 1224	263,754.19
	8/6/2015	Empower, RFQL and RFP 1224	91,788.47
		Home Performance with Energy Star, RFQL and RFP 1224	295,538.99
		RFQL and RFP 1224	24,204.00
Brattle Group Inc.	6/16/2015	Energy Analysis, Utility Business Model for REV	650,000.00
Bridge Land West LLC	6/4/2015	NCP11129 - Washington Street	73,850.00
		New Construction Program, NCP11129 - Washington Street	88,450.00
Bright Power, Inc.	9/23/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	8,000.00
Broadway 52nd LP	6/30/2015	Existing Facilities Program, EFP2513 - Broadway 52nd LP - 1	415,322.50
Bronx Pro Real Estate Management	9/1/2015	Multifamily Performance Program, Multifamily	39,150.00
	9/4/2015	Multifamily Performance Program, Multifamily	31,050.00
Brookfield Properties Development LLC	9/8/2015	Existing Facilities Program, EFP1847 - Brookfield Propertie	25,958.72
Brookhaven National Lab	7/10/2015	Renewable Heat NY, Energy and Environmental Perfo	593,000.00
	8/14/2015	Advanced Buildings, Advanced Buildings Technology	180,000.00
	9/28/2015	Renewable Heat NY, Next-Gen Test Method Devel	500,000.00
Brooklyn LW Hotel Associates, L.P.	8/3/2015	NCP12285 - Hampton Inn Brookly	67,391.00
		New Construction Program, NCP12285 - Hampton Inn Brookly	62,384.00
Brooklyn Navy Yard Development Corp.	5/7/2015	New Construction Program, NCP11765 - Building 77	104,390.00
Broome County	8/24/2015	Industrial Process Efficiency Program, Industrial and Process Efficie	68,270.76
Bruce White	8/4/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	2,815.04
BTC Block 1/21, Inc.	7/22/2015	New Construction Program, NCP10815 - Uniland Development	167,491.00
Buck Hill Farm	8/4/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	871.50
Buena Vista Associates	8/11/2015	Multifamily Performance Program, Multifamily	158,900.00
			100,000.00
Buffalo Niagara Medical Campus, Inc.	8/12/2015	Smart Grid Systems, Buffalo Niagara Medical Campus Advanced Energy Codes, NVS Energy Code Conference	
Building Media, Inc.	9/10/2015	Advanced Energy Codes, NYS Energy Code Conference	100,000.00
Burr Energy LLC	6/22/2015	Smart Grid Systems, Town of New Paltz NY Prize	100,000.00
Duralli Diverbia e 0 Haatin	F/00/00/15	Smart Grid Systems, Town of Warwick NY Prize	100,000.00
Buselli Plumbing & Heating	5/29/2015	New York Sun Program, NY-Sun	8,568.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
C Speed, LLC	4/24/2015	Clean Transportation, NextGen 3D Antenna	495,000.00
C.J. Brown Energy, P.C.	5/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	6,825.00
	9/16/2015	Combined Heat and Power, FlexTech Consultant Selection	19,500.00
C.T. Male Associates Engineering,	7/15/2015	Saratoga Technology + Energy Park, ALTA Survey for STEP as Requir	20,150.00
	7/24/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	22,240.00
	9/16/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	12,615.00
	9/23/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	39,500.00
C&S Oil Corporation	6/29/2015	Fuel NY, GSP00676 - C&S Oil Corporation	10,000.00
California Associates, LP	6/11/2015	Multifamily Performance Program, Multifamily	26,200.00
Cambray Housing Corporation	7/1/2015	Home Performance with Energy Star, Codes & New Construction	285,000.00
Canal Road Enterprises LLC	7/2/2015	Multifamily Performance Program, Multifamily	61,750.00
Canastota Central School District	4/6/2015	Clean Transportation, Clean Air School Bus Program,	6,786.00
Capreit Woodcrest Villa L.P.	9/16/2015	Multifamily Performance Program, Multifamily	135,000.00
Captive Plastics LLC	4/10/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	244,653.12
Carahsoft Technology Corporation	4/7/2015	Administration OH, Salesforce Licensing - Year 2	117,269.13
	7/21/2015	Administration OH, Upgrade Salesforce Licenses	9,710.88
	7/31/2015	Administration OH, Salesforce Licensing - Year 2	415.78
Carsada Dairy	6/15/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	52,517.87
	7/22/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	47,176.74
Cascades Energy Initiatives Inc	7/6/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	15,825.00
Castle Hill Electrical Supply Co.	4/9/2015	Existing Facilities Program, EFP2492 - Castle Hill Electric	103,456.00
Catskill Mountainkeeper, Inc	8/26/2015	Cleaner Greener Communities, CGC39425 - Renewable NY	1,857,275.00
Cayuga Milk Ingredients	9/2/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	331,531.56
CB Information Services, Inc.	5/22/2015	Innovation Capacity & Business Development, CB Insights Subscription	14,388.00
CDH Energy Corporation	4/1/2015	Existing Facilities Program, Technical Review and Program S	13,480.00
	4/13/2015	Industrial Process Efficiency Program, Technical Review and Program S	27,245.00
	4/16/2015	Industrial Process Efficiency Program, Technical Review and Program S	9,740.00
	6/8/2015	Existing Facilities Program, Technical Review and Program S	30,000.00
	8/4/2015	Industrial Process Efficiency Program, Technical Review and Program S	14,250.00
	8/24/2015	Combined Heat and Power, Technical and Logistic Support	300,000.00
CDWG, Incorporated	4/7/2015	Administration OH, SNOW software licensing - 3 yr	19,850.99
CE Renwick LLC	4/1/2015	New Construction Program, NCP12795 - Tommie Hudson Squar	5,780.00
CE Towers LLC	4/20/2015	Existing Facilities Program, EFP2367 - CE Towers Co Inc	105,938.32
CEC Stuyvesant Cove, Inc.	7/8/2015	Cleaner Greener Communities, EDGE Territory 3	563,512.00
Cedar Electrical Contractors, Inc.	5/1/2015		8,050.00
Central New York ASC		New York Sun Program, NY-Sun	14,159.00
	7/21/2015	New Construction Program, NCP12515 - Omni Ouptatient Sur	
Central New York Regional Planning and D	7/28/2015	Smart Grid Systems, City of Syracuse NY Prize	100,000.00
Outtoon In 1104 I I O	8/20/2015	New York Sun Program, Central New York Solar	100,000.00
Centroplan USA LLC	4/27/2015	New York Sun Program, NY-Sun	49,220.00
CHA Consulting Inc.	4/7/2015	Industrial Process Efficiency Program, Technical Review and Program S	19,200.00
	4/8/2015	Existing Facilities Program, Technical Review and Program S	237,000.00
		Industrial Process Efficiency Program, Technical Review and Program S	27,900.00
	4/27/2015	Industrial Process Efficiency Program, Technical Review and Program S	9,500.00
	5/12/2015	Industrial Process Efficiency Program, Technical Review and Program S	9,700.00
	5/26/2015	Industrial Process Efficiency Program, Technical Review and Program S	11,550.00
	6/7/2015	Flexible Technical Assistance Program, Technical Review and Program	128,820.00
		Industrial Process Efficiency Program, Technical Review and Program S	193,230.00
	6/25/2015	Flexible Technical Assistance Program, Technical Review and Program	90,000.00
	6/26/2015	Agriculture Energy Efficiency Program, Technical Review and Program S	45,000.01
		Industrial Process Efficiency Program, Technical Review and Program S	64,999.99
	6/30/2015	Industrial Process Efficiency Program, Technical Review and Program S	18,000.00
	7/1/2015	Existing Facilities Program, Technical Review and Program S	132,000.00
	7/8/2015	Industrial Process Efficiency Program, Technical Review and Program S	13,200.00
	7/20/2015	Existing Facilities Program, Technical Review and Program S	10,000.00
	8/4/2015	Industrial Process Efficiency Program, Technical Review and Program S	762.57
	8/6/2015	Existing Facilities Program, Technical Review and Program S	2,900.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
CHA Consulting Inc.	8/14/2015	Industrial Process Efficiency Program, Technical Review and Program S	130,800.0
	8/24/2015	Agriculture Energy Efficiency Program, Technical Review and Program S	39,999.9
		Industrial Process Efficiency Program, Technical Review and Program S	65,000.0
	9/2/2015	Existing Facilities Program, Technical Review and Program S	1,400.0
		Industrial Process Efficiency Program, Technical Review and Program S	15,238.1
	9/16/2015	Industrial Process Efficiency Program, Technical Review and Program S	3,100.0
	9/23/2015	Industrial Process Efficiency Program, Technical Review and Program S	2,270.0
Chambers Senior Housing LP	4/21/2015	Multifamily Performance Program, Multifamily	72,000.0
Charles Mras	8/27/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	50,889.5
Charles Settlement House, Inc.	7/6/2015	Home Performance with Energy Star, Codes & New Construction	11,350.0
		New York ENERGY STAR Homes, Codes & New Construction	102,150.0
Chick-fil-A, Inc.	6/2/2015	New Construction Program, NCP13050 - Chick-fil-A 6th Ave	8,120.0
Chittenango CSD	5/15/2015	New Construction Program, NCP11955 - Chittenango Schools	11,981.0
hris Steinmann	5/20/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	12,621.9
CIR ELECTRICAL CONSTRUCTION CORP.	4/3/2015	New York Sun Program, NY-Sun	6,300.0
	4/14/2015	New York Sun Program, NY-Sun	6,160.0
	5/1/2015	New York Sun Program, NY-Sun	16,947.0
	5/8/2015	New York Sun Program, NY-Sun	5,187.0
	6/2/2015	New York Sun Program, NY-Sun	5,390.0
	6/17/2015	New York Sun Program, NY-Sun	11,340.0
	6/18/2015	New York Sun Program, NY-Sun	7,473.0
	6/23/2015	New York Sun Program, NY-Sun	13,658.0
	7/2/2015	New York Sun Program, NY-Sun	6,192.0
	7/7/2015	New York Sun Program, NY-Sun	7,182.0
	7/17/2015	New York Sun Program, NY-Sun	9,821.0
	7/21/2015	New York Sun Program, NY-Sun	12,908.0
	7/28/2015	New York Sun Program, NY-Sun	5,460.0
	8/14/2015	New York Sun Program, NY-Sun	5,250.0
	8/20/2015	New York Sun Program, NY-Sun	5,445.0
	8/21/2015	New York Sun Program, NY-Sun	6,048.0
	8/26/2015	New York Sun Program, NY-Sun	5,445.0
Citi Realty Services	4/24/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	726,289.1
Citistaffing, LLC	6/9/2015	New York Green Bank, Green Bank	16,312.8
oniotaning, 223	9/21/2015	New York Green Bank, Green Bank New York Green Bank, Green Bank	14,156.2
City of Buffalo	6/29/2015		125,000.0
•		Cleaner Greener Communities, CGC30922 - City of Buffalo	89,013.6
City of Buffalo Board of Education	7/2/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	
City of Buffalo, Department of Public W	9/23/2015	Smart Grid Systems, City of Buffalo NY Prize	100,000.0
City of Glens Falls	9/10/2015	Smart Grid Systems, City of Glens Falls, NY Prize	100,000.0
City of Hudson	5/7/2015	New Construction Program, NCP12651 - The Hudson City and	12,310.0
City of Ithaca	8/20/2015	Smart Grid Systems, City of Ithaca NY Prize	100,000.0
City of Jamestown	6/24/2015	Smart Grid Systems, City of Jamestown NY Prize	85,000.0
City Of New York	7/20/2015	Innovation, Newtown Creek WWTP food waste	22,906.0
City of New York, Dept. of Citywide	9/15/2015	PV System @ NYC School K224	125,894.0
		PV System @ NYC School K278	131,838.0
		PV System @ NYC School K380	130,838.0
		PV System @ NYC School K515	134,729.0
		PV System @ NYC School Q072	105,532.0
		PV System @ NYC School Q204	101,889.0
		PV System @ NYC School Q226	152,329.0
		PV System @ NYC School Q237	98,415.0
		PV System @ NYC School Q445	152,812.0
		PV System @ NYC School R069	139,223.0
		PV System @ NYC School R075	112,339.0
		PV System @ NYC School R445	142,081.0
		PV System @ NYC School R455	167,652.0
		PV System @ NYC School X131	122,267.0

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
City of New York, Dept. of Citywide	9/15/2015	PV System @ NYC School X144	125,896.00
		PV System @ NYC School X184	94,612.00
		PV System @ NYC School X192	105,153.00
		PV System @ NYC School X425	156,502.00
	9/16/2015	PV System @ NYC School K302	161,831.00
		PV System @ NYC School K324	200,506.00
		PV System @ NYC School K455	339,919.00
		PV System @ NYC School K505	226,411.00
		PV System @ NYC School M070	170,196.00
		PV System @ NYC School Q505	149,876.00
City of Oswego	9/17/2015	Smart Grid Systems, City of Oswego, NY Prize	99,800.00
City of Poughkeepsie	9/8/2015	Existing Facilities Program, EFP2429-City of Poughkeepsie -	272,358.12
City of Rensselaer	8/18/2015	Cleaner Greener Communities, CGC41631 - City of Rensselaer	187,500.00
City of Saratoga Springs, NY	4/30/2015	New York Sun Program, Solarize Spring 2015	5,000.00
City of Utica	6/10/2015	Smart Grid Systems, City of Utica NY Prize	100,000.00
City of White Plains	5/15/2015	CGC30408-City of White Plains	1,000,000.00
City Parks Foundation	4/22/2015	Greening the Bronx, Greening The Bronx	2,244,267.00
City Point Residential LLC	4/21/2015	New Construction Program, NCP12101 - City Point Building	22,120.00
CitySpire Inc.	9/11/2015	Flexible Technical Assistance Program, FlexTech Program - Pon 1746	20,000.00
CLA WNY LLC	5/6/2015	New Construction Program, NCP12340 - Gateway Apartments	13,930.00
Clarkson Univ., Research Div.	4/13/2015	Environmental Research, Energy Related Air Quality	252,191.00
	5/19/2015	Environmental Research, Energy Related Air Quality	347,360.00
	6/16/2015	Environmental Research, Energy Related Air Quality	349,698.00
Clarkson University	7/16/2015	Renewable Heat NY, CO off-gassing pellet storage	250,000.00
,		Renewable Heat NY, Community Exposure to WS Roch	349,999.00
	8/27/2015	Renewable Heat NY, Guidance for Thermal Storage	364,998.00
Clean Energy States Alliance	5/19/2015	Innovation, CESA Year 12 Membership	68,500.00
Clean Power Research	5/6/2015	NY Sun, NY-Sun	30,000.00
Cleantech Group, Inc.	7/2/2015	Innovation Capacity & Business Development, I3 Database Subscriptio	5,000.00
CLEAResult Consulting, Inc.	8/4/2015	Assisted Home Performance with Energy Star, Program Implementatio	842,931.85
		Home Performance with Energy Star, Program Implementation Service	2,167,539.05
	8/24/2015	Home Performance with Energy Star, Implementation and Support con	135,828.00
	0.2 20 10	New York ENERGY STAR Homes, Implementation and Support con	769,692.33
ClearStak LLC	7/20/2015	Renewable Heat NY, Round-Robin Testing Program	143,520.00
olearotax EEO	9/22/2015	Renewable Heat NY, Modifications to ThermoControl	49,190.00
Climate Action Associates LLC		Cleaner Greener Communities, Climate Smart Communities Regi	209,029.00
	4/28/2015		50,000.00
Clause Harbaur & Associates LLB	6/30/2015	NY Sun, Support for Financial Analysis	
Clough, Harbour & Associates, LLP	5/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	18,700.00
	6/4/2015	Administration OH, FlexTech Consultant Selection	23,300.00
	6/22/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	14,350.00
	7/1/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	8,500.00
	7/2/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	15,000.00
	7/8/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	12,500.00
	8/3/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	30,250.0
	8/6/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	15,750.0
	8/24/2015	Combined Heat and Power, FlexTech Consultant Selection	98,414.5
CNY Solar, Inc.	4/14/2015	New York Sun Program, NY-Sun	9,408.00
	4/15/2015	New York Sun Program, NY-Sun	6,783.00
	4/20/2015	New York Sun Program, NY-Sun	5,355.00
	4/23/2015	NY-Sun	25,000.00
	4/28/2015	New York Sun Program, NY-Sun	12,495.0
	5/1/2015	New York Sun Program, NY-Sun	6,160.0
	5/5/2015	New York Sun Program, NY-Sun	6,069.00
	5/26/2015	New York Sun Program, NY-Sun	23,520.00
	5/27/2015	New York Sun Program, NY-Sun	5,712.00
	6/2/2015	New York Sun Program, NY-Sun	116,392.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
CNY Solar, Inc.	6/8/2015	New York Sun Program, NY-Sun	29,760.00
	6/10/2015	New York Sun Program, NY-Sun	71,198.0
	6/11/2015	New York Sun Program, NY-Sun	89,980.0
	6/23/2015	New York Sun Program, NY Sun	65,005.0
		New York Sun Program, NY-Sun	61,750.0
	7/2/2015	New York Sun Program, NY-Sun	5,891.0
	7/6/2015	New York Sun Program, NY-Sun	7,056.0
	7/8/2015	New York Sun Program, NY Sun	69,128.0
		New York Sun Program, NY-Sun	139,901.0
	7/17/2015	New York Sun Program, NY-Sun	128,722.0
	7/21/2015	New York Sun Program, NY-Sun	157,662.0
	8/5/2015	New York Sun Program, NY Sun	104,513.0
		New York Sun Program, NY-Sun	130,000.0
	8/13/2015	New York Sun Program, NY-Sun	10,168.0
	9/1/2015	New York Sun Program, NY-Sun	20,673.00
	9/15/2015	New York Sun Program, NY Sun	52,419.00
		New York Sun Program, NY-Sun	5,886.00
	9/18/2015	New York Sun Program, NY-Sun	8,052.0
	9/23/2015	New York Sun Program, NY-Sun	11,475.0
COA Solar 1, LLC	4/20/2015	NY Sun- Competitive PV, PV System @ City of Amsterdam	296,374.0
COA Solar 2, LLC	7/6/2015	NY Sun- Competitive PV, PV System @ City of Amsterdam	449,828.00
Code Green Solutions, Inc.	5/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	34,250.0
,	7/2/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	26,580.0
	7/23/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	55,922.5
	9/25/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	23,115.0
Cogen Power Technologies LLC	7/22/2015	Smart Grid Systems, Empire State Plaza NY Prize	99,500.00
	8/3/2015	Smart Grid Systems, City of Auburn NY Prize	99,500.0
	8/20/2015	Smart Grid Systems, City of Troy RPI/Samaritan	99,500.0
Cogeneration Contractors, Inc.	7/9/2015	Combined Heat and Power, CHPA - Riu Hotel Times Square	232,050.00
	8/3/2015	Combined Heat and Power, CHPA - 133 Greenwich Marriot	232,050.0
	9/8/2015	Combined Heat and Power, CHPA - Compass Residences	232,050.0
Cohen Ventures Inc	7/1/2015	Emerging Technology / Accelerated Commercializatio, CATALYST Scal	1,171,735.0
College Town Rochester LLC	7/9/2015	New Construction Program, NCP11271 - College Town	104,997.0
Collegiate Builders	4/22/2015	New York Sun Program, NY-Sun	5,824.0
Sollegiate Bullders	4/29/2015		6,384.0
	5/22/2015	New York Sun Program, NY-Sun	7,382.0
		New York Sun Program, NY-Sun	5,586.00
	7/22/2015 7/29/2015	New York Sun Program, NY-Sun	5,985.0
	8/11/2015	New York Sun Program, NY-Sun	9,800.0
Calling Knoll Farms III C	4/14/2015	New York Sun Program, NY-Sun	35,663.5
Collins Knoll Farm, LLC		Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	28,000.0
Columbia Deli & Catering	7/29/2015	Multifamily Performance Program, Multifamily	149,731.0
Columbia University	5/7/2015	New Construction Program, NCP11572 - Lenfest Center for	,
Calumbia Hairanaita Madiaal Cantan	5/22/2015	Combined Heat and Power, CHP Performance Program	2,400,000.00
Columbia University Medical Center	4/10/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	634,783.6
	9/29/2015	New Construction Program, NCP12434 - Columbia School of	93,500.0
Combined Energies LLC	4/9/2015	Clean Transportation, Power/energy module dev & demo	249,995.0
Commercial Investigations LLC	8/19/2015	Administration OH, Background Checks	10,000.0
Communications Specialists, Inc.	5/1/2015	New York Sun Program, NY-Sun	7,056.0
	5/13/2015	New York Sun Program, NY-Sun	19,685.0
	6/10/2015	New York Sun Program, NY-Sun	14,784.0
	8/17/2015	New York Sun Program, NY-Sun	6,671.0
	9/3/2015	New York Sun Program, NY-Sun	5,382.0
Compressed Air Challenge, Inc.	4/14/2015	Industrial Process Efficiency Program, Compressed Air Challenge 2015	5,000.00
CON EDISON SOLUTIONS, INC.	7/27/2015	Commercial/Industrial	650,214.64
Concord Hospitality Enterprises Company	4/1/2015	New Construction Program, NCP12228 - Cambria Suites on 2	5,355.00
Concur Technologies, Inc.	8/10/2015	Administration OH, Finance	15,783.24

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Coney Island Commons, LLC	9/21/2015	Multifamily Performance Program, Multifamily	12,244.00
Congregation Beit Simchat Torah	5/11/2015	New Construction Program, NCP12713 - CBST Synagogue	30,137.00
Congregation Ohav Sholom HDFC	4/21/2015	Multifamily Performance Program, Multifamily	63,300.00
Conifer Lechase Construction	7/9/2015	Home Performance with Energy Star, Codes & New Construction	12,000.00
		New York ENERGY STAR Homes, Codes & New Construction	108,000.00
Connecticut Solar Power LLC	4/16/2015	New York Sun Program, NY-Sun	10,560.00
Conscious Energy Inc.	5/21/2015	New York Sun Program, NY-Sun	7,000.00
Conservation Services Group, Inc.	4/21/2015	Home Performance with Energy Star, Implementation & Support Servi	192,988.20
		New York ENERGY STAR Homes, Implementation & Support Servi	1,093,599.80
	5/19/2015	Assisted Home Performance with Energy Star, Program Implementatio	1,250,118.03
		Home Performance with Energy Star, Program Implementation Service	3,219,377.97
Consortium for Energy Efficiency, Inc.	4/8/2015	Market Pathways, 2015 CEE Consumer Electronics	20,000.00
	6/24/2015	Market Pathways, CEE 2015 Sponsorship	103,000.00
Continental Automated Buildings Associat	4/6/2015	New Construction Program, CABA NZEB Controls Study	10,000.00
Control Solutions Group	7/6/2015	Administration OH, Facilities Management	9,500.00
Corgan Associates Architects PC	4/20/2015	Administration OH, Design Services for NYC Office	6,500.00
Cornell Cooperative Extension - Tompkins	4/29/2015	Cleaner Greener Communities, CGC30635 - Southern Tier Bulk	1,304,538.00
	8/27/2015	Environmental Research, Residential Biomass Heating	13,375.00
Cornell Cooperative Extension of Schuyle	4/20/2015	New York Sun Program, Solarize Spring 2015	5,000.00
Cornell University	6/30/2015	New Construction Program, NCP12380 - Gannett Health Cent	61,684.00
•	7/9/2015	New Construction Program, NCP12382 - College of Veterina	161,623.00
	9/28/2015	Environmental Research, Energy Related Air Quality	310,240.00
Cornell University-Office of Sponsored P	9/3/2015	Renewable Heat NY, Biomass-Fired Emission Sources	275,000.00
Corning Community College	6/24/2015	New Construction Program, NCP11625 - Corning Community C	6,550.00
Corning Inc	4/14/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	34,913.76
Corning Inc.	4/14/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	437,057.40
	6/29/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	322,328.52
	9/16/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	30,446.88
Corporate Resolutions Inc	9/29/2015	Administration OH, KYC Services	50,000.00
COU Solar 1, LLC	4/20/2015	NY Sun- Competitive PV, PV System @ City of Utica - Co	402,961.00
County of Suffolk	6/30/2015	Cleaner Greener Communities, CGC28998 - Suffolk County	1,500,000.00
	5/4/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	1,000,000.00
Covanta Energy Creative Food Ingredients Inc.		5 0 1	24,037.00
	6/23/2015	New Construction Program, NCP12819 - CFI Main Plant	43,323.20
Credit Agricole CIB Credit Suisse USA	4/7/2015 7/30/2015	Industrial Process Efficiency Program, Industrial and Process Efficie	129.200.00
credit duisse oda	773072013	NCP12010 - Eleven Madison Aven New Construction Program, NCP12010 - Eleven Madison Aven	188,236.00
	9/29/2015		
	9/29/2015	NCP12339 - Eleven Madison Aven	109,640.00
Creat Calarill C	4/4.4/0045	New Construction Program, NCP12339 - Eleven Madison Aven	175,276.00
Crest Solar LLC	4/14/2015	New York Sun Program, NY-Sun	7,200.00
One of the Manage ALD	7/22/2015	New York Sun Program, NY-Sun	11,340.00
Crestview Manor ALP	9/16/2015	Multifamily Performance Program, Multifamily	36,100.00
Crestwood Lake Heights Section 1 Corp.	9/16/2015	Multifamily Performance Program, Multifamily	50,850.00
CRH Realty VIII LLC	6/30/2015	New Construction Program, NCP12305 - Crystal Run Medical	57,418.00
Cross County Petroluem Inc.	8/3/2015	Fuel NY, GSP00306 - Cross County Petro	3,000.00
Croton Energy Group, Inc.	6/19/2015	New York Sun Program, NY-Sun	8,967.00
	7/6/2015	New York Sun Program, NY-Sun	9,181.00
CT 2525 Beverly LLC	7/29/2015	Multifamily Performance Program, Multifamily	27,000.00
Cutone & Company Consultants, LLC	4/6/2015	Existing Facilities Program, EFP2544 - Cutone - 75 Varick S	350,000.00
	4/7/2015	Existing Facilities Program, EFP1931-Cutone & Co Consultant	177,879.52
	4/10/2015	Existing Facilities Program, EFP2268 - Cutone Company Co.	116,347.36
D & D Artisans, LLC dba Northern Solar	9/22/2015	New York Sun Program, NY-Sun	5,940.0
D.A. Goudreau, Inc	7/23/2015	New York Sun Program, NY-Sun	5,985.00
D'Youville College	5/11/2015	New Construction Program, NCP12098 - School of Arts and	44,750.00
D&B Engineers and Architects, PC	6/29/2015	Smart Grid Systems, Village of Port Jefferson	100,000.00
Dairyland USA Corporation	7/30/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	30,340.48
	8/24/2015	New Construction Program, NCP11123 - 240 Food Center Dri	80,971.0

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Daniel J. Tagliamonte	7/6/2015	Home Performance with Energy Star, Codes & New Construction	1,000.00
		New York ENERGY STAR Homes, Codes & New Construction	9,000.00
David Beecher	6/26/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	23,067.69
David Moller	5/1/2015	New York Sun Program, NY-Sun	5,600.00
David Wood	7/28/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	7,402.50
DCG Development Co.	5/7/2015	New Construction Program, NCP12366 - Homewood Suites Cli	139,400.00
Dennis Willebrandt	9/11/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	2,925.00
DePaul Properties, Inc.	7/9/2015	Home Performance with Energy Star, Codes & New Construction	12,600.00
		New York ENERGY STAR Homes, Codes & New Construction	113,400.00
DET NORSKE VERITAS (U.S.A.) INC.	8/27/2015	Clean Transportation, DNV GL to perform a forensics	49,120.00
Development Authority of the North Count	7/6/2015	Smart Grid Systems, Village of Croghan NY Prize	94,000.00
Dewberry Consultants LLC	8/27/2015	Energy Analysis, East Hampton resiliency	220,910.89
	9/21/2015	Energy Analysis, Future Floodplain Analysis	30,446.78
	9/28/2015	Energy Analysis, Future Floodplain Analysis	48,721.80
Dewberry Engineers Inc	9/22/2015	Energy Analysis, Transportation Climate ADP	288,843.00
Diamond Builders Corp	9/4/2015	Clean Transportation, NYS Compressed Natural Gas	300,000.00
Dick's Sporting Goods c/o Coleman Hines	5/21/2015	New Construction Program, NCP13000 - Dick's Sporting Goo	23,307.00
	8/12/2015	New Construction Program, NCP13194 - Dick's Sporting Goo	23,528.00
Direct Energy Business LLC	7/1/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	281,516.60
Direct Packet Inc.	8/24/2015	Administration OH, Upgrade Video System - Albany	57,981.42
District Sun	6/4/2015	New York Sun Program, NY-Sun	53,848.00
	6/10/2015	New York Sun Program, NY-Sun	23,468.00
	6/19/2015	New York Sun Program, NY-Sun	34,070.00
	7/2/2015	New York Sun Program, NY Sun	26,357.00
		New York Sun Program, NY-Sun	77,068.00
ONT Express Realty LLC	7/22/2015	New Construction Program, NCP12914 - DNT Express	8,692.00
DNV GL Energy Services USA Inc.	8/26/2015	Outside Technical Eng. Srv.	38,720.00
Occumentation Strategies, Inc.	7/1/2015	Administration OH, Multifamily IT Support	18,000.00
Ooherty Electric, LLC	4/15/2015	New York Sun Program, NY-Sun	18,816.00
	6/10/2015	New York Sun Program, NY-Sun	9,576.00
OOLP 205 Properties II LLC	7/30/2015	New Construction Program, NCP11853 - 205 East 42nd St Ph	53.693.00
Oorado Preservation Associates LLC	9/21/2015	Multifamily Performance Program, Multifamily	47,250.00
			5,570.00
Dormitory Authority of the State of New	7/8/2015	New Construction Program, NCP11692 - Crawford Library	30,000.00
Dow Jones & Company Inc Dowd-Witbeck Printing Corp.	8/3/2015 4/29/2015	Flexible Technical Assistance Program, PON1746 - FlexTech Program	1,020.00
Jowa-Witbeck Fillting Corp.		Administration OH, Printing Services-MWBE	177.00
	7/7/2015	Empower, Printing Services	2,087.00
	7/31/2015	Administration OH, Printing Services-MWBE	
	8/14/2015	Administration OH, Printing Services-MWBE	662.00
	9/1/2015	Administration OH, Printing Services-MWBE	115.00
	9/10/2015	Administration OH, Printing Services-MWBE	665.00
Oown Town Association	5/11/2015	New Construction Program, NCP12542 - Down Town Associati	39,725.00
DP42LLC	5/13/2015	Multifamily Performance Program, Multifamily	17,100.00
Or. Chris Caldwell	4/15/2015	Home Performance with Energy Star, Codes & New Construction	9,000.00
Dynamic Energy Solutions, LLC	8/26/2015	NY Sun- Competitive PV, PV System @ Lansing Central Sc	273,450.4
East Coast Properties	9/16/2015	Multifamily Performance Program, Multifamily	80,600.00
East End Marketing Corp.	6/4/2015	Clean Transportation, PON2290: Patchogue Valero E85	35,000.00
East House Corporation	8/14/2015	Home Performance with Energy Star, Codes & New Construction	15,100.00
		New York ENERGY STAR Homes, Codes & New Construction	135,900.00
ast River Dairy	5/14/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	3,403.23
astchester Service Station Inc	6/2/2015	Fuel NY, GSP00782 - Eastchester Service	13,000.00
Eastern Energy Systems Inc.	4/7/2015	New York Sun Program, NY-Sun	26,877.00
Eastern Research Group, Inc.	7/29/2015	Energy Analysis, Environmental Outreach	100,000.00
		Environmental Research, Environmental Outreach	150,000.00
EBSCO Industries, Inc.	7/3/2015	Environmental Research, PlumX altmetrics 2015-2016	15,000.00
EALD/ EL	4/14/2015	New York Sun Program, NY-Sun	24,156.00
ECNY Electric Inc.	4/14/2015	New Tork Sull Flogram, NT-Sull	24,130.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
ECNY Electric Inc.	9/17/2015	New York Sun Program, NY-Sun	6,860.00
Ecology and Environment Engineering, PC	5/11/2015	Cleaner Greener Communities, CGC Implementation Contractor	1,144,471.15
Ecovative Design LLC	4/6/2015	Clean Transportation, Biomaterial Sound Attenuation	110,338.00
Ecovis, Inc.	4/16/2015	New York Sun Program, NY-Sun	11,603.00
	4/27/2015	New York Sun Program, NY-Sun	7,140.00
	5/1/2015	New York Sun Program, NY-Sun	4,131.00
	6/10/2015	New York Sun Program, NY-Sun	5,096.00
	6/17/2015	New York Sun Program, NY-Sun	7,280.00
	7/8/2015	New York Sun Program, NY-Sun	5,534.00
	7/15/2015	New York Sun Program, NY-Sun	13,764.00
	9/21/2015	New York Sun Program, NY-Sun	12,276.00
Edge Design and Consulting, Inc.	5/27/2015	New York Sun Program, NY-Sun	9,800.00
	5/28/2015	New York Sun Program, NY-Sun	17,472.00
	7/29/2015	New York Sun Program, NY-Sun	14,976.00
	7/30/2015	New York Sun Program, NY-Sun	9,984.00
	8/10/2015	New York Sun Program, NY-Sun	4,992.00
EDR Syracuse Campus West, LLC	6/2/2015	Multifamily Performance Program, Multifamily	251,647.50
Edward Gallagher	4/6/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	7,743.45
Electric Power Research Institute	6/16/2015	Innovation, EPRI IOAP Gap Analysis	117,000.00
Electrical Power WorX Corporation	6/4/2015	Clean Transportation, ADVANCED TRANSPORTATION TECHNO	110,000.00
ELH Construction Company, LLC	8/14/2015	Home Performance with Energy Star, Codes & New Construction	6,050.00
		New York ENERGY STAR Homes, Codes & New Construction	54,450.00
Ellanef MFG Corp.	4/24/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	123,925.00
Elmwood Associates	5/27/2015	Multifamily Performance Program, Multifamily	38,400.00
Emblem Health Inc	9/23/2015	Flexible Technical Assistance Program, Flex Tech - PON1746	14,957.50
EMCOR Services Betlem	4/16/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	11,059.55
	9/4/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	7,381.90
	9/16/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	7,574.15
EME Consulting Engineering Group, LLC	4/8/2015	Existing Facilities Program, Technical Review and Program S	125,502.00
	4/13/2015	Existing Facilities Program, Technical Review and Program S	4,100.00
	4/16/2015	Existing Facilities Program, Technical Review and Program S	10,925.00
	5/12/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	50,000.00
	5/21/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	13,900.00
	6/22/2015	New Construction Program, Technical Assistance Services	30,500.00
		Technical Assistance Services	25,500.00
	7/2/2015	New Construction Program, Technical Assistance Services	47,500.00
	7/3/2015	New Construction Program, Technical Assistance Services	16,460.00
		Technical Assistance Services	11,460.00
	7/20/2015	New Construction Program, Technical Assistance Services	30,000.00
	7/24/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	14,500.00
	7/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	27,549.00
	8/4/2015	New Construction Program, Technical Assistance Services	33,320.00
		Technical Assistance Services	7,520.00
	8/6/2015	Existing Facilities Program, Technical Review and Program S	2,400.00
	9/4/2015	New Construction Program, Technical Assistance Services	28,300.00
		Technical Assistance Services	23,300.00
Emerald Cities Collaborative	5/26/2015	New York Sun Program, Solarize Spring 2015	5,000.00
Empire Housing and Development Corporati	6/3/2015	Multifamily Performance Program, Multifamily	11,100.00
Empower CES, LLC	4/6/2015	New York Sun Program, NY-Sun	53,460.00
	4/15/2015	New York Sun Program, NY-Sun	8,296.00
	5/1/2015	New York Sun Program, NY-Sun	9,156.00
	5/6/2015	New York Sun Program, NY-Sun	6,944.00
	5/22/2015	New York Sun Program, NY-Sun	47,777.00
	7/27/2015	New York Sun Program, NY-Sun	5,072.00
	7/30/2015	New York Sun Program, NY-Sun	25,525.00
	8/5/2015	New York Sun Program, NY-Sun	6,867.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amour
Empower CES, LLC	9/15/2015	New York Sun Program, NY-Sun	26,156.0
	9/17/2015	New York Sun Program, NY-Sun	15,304.0
	9/21/2015	New York Sun Program, NY-Sun	5,000.0
Eneractive Solutions	5/1/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	20,655.0
	7/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	33,562.3
	9/23/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	41,575.5
	9/30/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	14,775.0
Energetics, Incorporated	5/20/2015	Clean Transportation, Battery LCA for Lev 3 EVSE	75,000.0
Energy & Resource Solutions, Inc.	4/7/2015	Existing Facilities Program, Technical Review and Program S	8,340.0
		Industrial Process Efficiency Program, Technical Review and Program S	6,390.0
	4/8/2015	Existing Facilities Program, Technical Review and Program S	36,578.0
	4/16/2015	Existing Facilities Program, Technical Review and Program S	11,155.0
	4/21/2015	Renewable Heat NY, Technical Review and Program S	3,500.0
	5/12/2015	Industrial Process Efficiency Program, Technical Review and Program S	13,885.0
	5/26/2015	Industrial Process Efficiency Program, Technical Review and Program S	36,135.0
	6/9/2015	Combined Heat and Power, Technical and Logistic Support	3,500,000.0
	6/23/2015	Existing Facilities Program, Technical Review and Program S	5,800.
	6/25/2015	Industrial Process Efficiency Program, Technical Review and Program S	64,735.0
	6/26/2015	Smart Grid Systems, Town of Brookhaven NY Prize	99,952.0
	7/1/2015	Existing Facilities Program, Technical Review and Program S	9,140.
	7/2/2015	Existing Facilities Program, Technical Review and Program S	9,350.
		Industrial Process Efficiency Program, Technical Review and Program S	6,880.
	7/6/2015	Existing Facilities Program, Technical Review and Program S	62,970.
		Smart Grid Systems, City of NY, Manhattan	75,000.
	7/9/2015	Existing Facilities Program, Technical Review and Program S	3,000.
	7/15/2015	Existing Facilities Program, Technical Review and Program S	18,805.
	7/20/2015	Existing Facilities Program, Technical Review and Program S	23,020.0
	8/4/2015	Existing Facilities Program, Technical Review and Program S	7,340.0
	8/6/2015	Existing Facilities Program, Technical Review and Program S	28,990.0
	8/11/2015	Existing Facilities Program, Technical Review and Program S	29,792.0
	8/21/2015	Existing Facilities Program, Technical Review and Program S	2,880.0
	9/1/2015		19,221.0
	9/2/2015	Existing Facilities Program, Technical Review and Program S	53,620.0
		Existing Facilities Program, Technical Review and Program S	6,410.0
The rest and Environmental Economics Inc	9/8/2015	Existing Facilities Program, Technical Review and Program S	10.000.0
Energy and Environmental Economics Inc.	4/1/2015 5/8/2015	Innovation Capacity & Business Development, Modeling and Analytics	0.0
	5/8/2015	Energy Analysis, REV Economic Framework	
	F/40/004F	Innovation, REV Economic Framework	274,999.9
	5/13/2015	NY Sun, Flex Energy Tech Analysis 2	200,000.0
	7/3/2015	NY Sun, Solar Adoption Forecast	30,000.0
Energy by Choice, LTD	7/15/2015	New York Sun Program, NY-Sun	81,429.0
Energy Conservation & Supply, Inc.	9/3/2015	Existing Facilities Program, EFP2348 - Energy Conservation	49,566.5
Energy Design Service Systems	4/23/2015	New Construction Program, NCP12986 - Nike	5,300.0
Energy Improvement Corporation	8/10/2015	Market Pathways, Enabling CPACE in NYS	107,494.4
	9/16/2015	Cleaner Greener Communities, CGC39896 - EIC	3,000,000.0
Energy Saving Solutions, LLC	9/23/2015	Work Force Develpoment	8,000.0
nergy Spectrum Inc.	4/7/2015	Existing Facilities Program, EFP2590- Energy Spectrum;USTA	190,483.3
nergy Spectrum, Inc.	6/30/2015	New Construction Program, NCP12369 - USTA National Tenni	71,994.
		New Construction Program, NCP12469 - Billie Jean King Na	29,180.0
	7/9/2015	New Construction Program, NCP12146 - Neptune Realty	60,649.0
	7/22/2015	Existing Facilities Program, EFP1928 - Energy Spectrum	42,174.4
nergy Week Holdings, LLC	6/30/2015	Administration OH, 2015 NYEW Sponsorship	5,000.
EnergySavvy Inc	4/7/2015	Assisted Home Performance with Energy Star, HPWES Program Mgmt	203,828.
		Home Performance with Energy Star, HPWES Program Mgmt Portal	379,371.6
Enermat Technologies, Inc.	8/27/2015	Clean Transportation, Scalable Graphene Anodes	249,859.0
Enerwise Global Technologies	6/22/2015	Existing Facilities Program, Innovation - Buildings	6,000.0
Enlighten Power Solutions, LLC	4/8/2015	New York Sun Program, NY-Sun	6,272.0

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Enlighten Power Solutions, LLC	4/16/2015	New York Sun Program, NY-Sun	6,678.0
	5/5/2015	New York Sun Program, NY-Sun	14,476.0
	5/13/2015	New York Sun Program, NY-Sun	102,500.0
	7/29/2015	New York Sun Program, NY-Sun	15,470.0
	8/19/2015	New York Sun Program, NY-Sun	6,240.0
	9/1/2015	New York Sun Program, NY-Sun	6,048.0
EnterSolar LLC	4/20/2015	Residential PV, PV System @ Fairway Market	742,160.0
	7/22/2015	Commercial/Industrial	534,942.2
Enven Energy Services	9/3/2015	Existing Facilities Program, EFP2501 - Enven Energy Service	47,224.0
Eonix LLC	9/28/2015	Clean Transportation, Next Generation Electrolytes	249,995.1
Epergy, LLC	5/14/2015	New York Sun Program, NY-Sun	1,260.0
	5/27/2015	New York Sun Program, NY-Sun	7,718.0
	6/10/2015	New York Sun Program, NY-Sun	5,985.0
	7/21/2015	New York Sun Program, NY-Sun	5,985.0
	9/1/2015	New York Sun Program, NY-Sun	5,670.0
Plus inc	8/7/2015	Administration OH, Bulk Service consulting servic	5,000.0
EPRI Solutions, Inc.	7/10/2015	Environmental Research, Energy Related Air Quality	334,522.0
EQR-Acquisitions, LP	5/27/2015	Multifamily Performance Program, Multifamily	343,000.0
QR-Flatlands, LLC	4/21/2015	Multifamily Performance Program, Multifamily	189,000.0
QR-Fresca 2009 Limited Partnership	4/21/2015	Multifamily Performance Program, Multifamily	144,900.0
Erba, Inc.	4/20/2015	Fuel NY, GSP00768 - Erba Inc.	13,000.0
Erdman Anthony & Associates, Inc.	4/13/2015	Industrial Process Efficiency Program, Technical Review and Program S	16,290.0
	4/27/2015	Industrial Process Efficiency Program, Technical Review and Program S	3,548.0
	6/2/2015	New Construction Program, Technical Assistance Services	81,264.0
	6/11/2015	New Construction Program, Technical Assistance Services	10,371.5
	0/11/2010	Technical Assistance Services	5,371.5
	6/22/2015		14,261.5
	0/22/2013	New Construction Program, Technical Assistance Services	9,261.5
Eric Mower and Associates	E/22/201E	Technical Assistance Services	264,439.0
eric Mower and Associates	5/22/2015	Existing Facilities Program, RFQL and RFP 1224	
		Industrial Process Efficiency Program, RFQL and RFP 1224	240,489.4
	0/4/0045	New Construction Program, RFQL and RFP 1224	242,936.4
	6/1/2015	Assisted Home Performance with Energy Star, RFQL and RFP 1224	5,293.1
		Assisted New York ENERGY STAR Homes, RFQL and RFP 1224	85,773.0
		Home Performance with Energy Star, RFQL and RFP 1224	83,756.5
		New York ENERGY STAR Homes, RFQL and RFP 1224	104,299.2
	7/2/2015	New York ENERGY STAR Homes, RFQL and RFP 1224	200,000.0
	9/4/2015	Innovation Capacity & Business Development, RFQL and RFP 1224	250,000.0
RP Operating Limited Partnership	5/14/2015	Multifamily Performance Program, Multifamily	146,500.0
	5/15/2015	Multifamily Performance Program, Multifamily	266,000.0
	8/7/2015	Multifamily Performance Program, Multifamily	396,000.0
	9/14/2015	Multifamily Performance Program, Multifamily	122,500.0
	9/21/2015	Multifamily Performance Program, Multifamily	216,450.0
SCO Energy Savings Company	4/21/2015	Existing Facilities Program, EFP2011-ESCO Energy	249,912.8
	9/8/2015	Existing Facilities Program, EFP2011-ESCO Energy	44,689.9
SRI, Incorporated	9/14/2015	Administration OH, ESRI Licenses - Renewal	10,860.1
Eugene Poirier	7/23/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	1,867.5
V2g, LLC	8/12/2015	Clean Transportation, Building-and Grid-Interactive	368,266.0
extraterrestrial Materials Inc.	4/22/2015	New York Sun Program, NY-Sun	43,685.0
	4/28/2015	New York Sun Program, NY-Sun	6,426.0
	5/5/2015	New York Sun Program, NY-Sun	5,355.0
	5/14/2015	New York Sun Program, NY-Sun	14,770.0
	5/22/2015	New York Sun Program, NY-Sun	15,092.0
		•	
	5/26/2015	New York Sun Program, NY-Sun	13,037.0
		New York Sun Program, NY-Sun New York Sun Program, NY-Sun	13,037.0 7,140.0
	5/26/2015	New York Sun Program, NY-Sun New York Sun Program, NY-Sun New York Sun Program, NY-Sun	

Contractor	Contract Executed Date	Project Description	Total Contrac Amour
Extraterrestrial Materials Inc.	6/23/2015	New York Sun Program, NY-Sun	6,426.0
	7/7/2015	New York Sun Program, NY-Sun	5,355.0
	7/8/2015	New York Sun Program, NY-Sun	8,568.0
	7/21/2015	New York Sun Program, NY-Sun	23,401.0
	7/22/2015	New York Sun Program, NY-Sun	7,497.0
	7/23/2015	New York Sun Program, NY-Sun	9,072.0
	7/24/2015	New York Sun Program, NY-Sun	9,639.0
	7/29/2015	New York Sun Program, NY-Sun	6,916.0
EYP Architecture & Engineering, PC	4/8/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	116,740.0
	4/20/2015	New Construction Program, Technical Assistance Services	23,475.0
		Technical Assistance Services	8,500.0
FAC Sunset Park, LP	8/7/2015	Multifamily Performance Program, Multifamily	50,000.0
airway Bakery LLC	9/29/2015	NCP11689 - Fairway Production	170,613.0
		New Construction Program, NCP11689 - Fairway Production	166,131.0
Fastrac Markets, LLC	9/1/2015	Existing Facilities Program, EFP2476-Fastrac Markets - Mult	10,702.8
Ficazzola Consulting, LLC	4/10/2015	New York Sun Program, NY-Sun	42,632.0
	4/14/2015	New York Sun Program, NY-Sun	15,768.0
	5/4/2015	New York Sun Program, NY-Sun	7,076.0
	5/27/2015	New York Sun Program, NY-Sun	7,076.0
	8/27/2015	New York Sun Program, NY-Sun	11,200.0
	9/8/2015	New York Sun Program, NY-Sun	5,124.0
ieldbridge Associates LLC	6/8/2015	Multifamily Performance Program, Multifamily	197,700.0
Fifth Partners LLC	4/29/2015	Flexible Technical Assistance Program, FlexTech Program - PON1746	8,867.0
inch Paper, LLC	6/29/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	1,000,000.0
	9/25/2015	Flexible Technical Assistance Program, PON 1747 - FlexTech Program	22,428.2
inger Lakes Community Development Corpo	7/9/2015	Home Performance with Energy Star, Codes & New Construction	66,550.0
,		New York ENERGY STAR Homes, Codes & New Construction	54,450.0
inger Lakes Library System	5/6/2015	New Construction Program, NCP11904 - Finger Lakes Librar	5,574.0
ingerlakes Renewables	4/27/2015	New York Sun Program, NY-Sun	10,920.0
migorianos nonomasios	6/10/2015	New York Sun Program, NY-Sun	8,736.0
		-	5,824.
inkolatoin Timborgor Bool Estato	7/29/2015	New York Sun Program, NY-Sun	41,000.
inkelstein Timberger Real Estate	9/11/2015	Multifamily Performance Program, Multifamily	8,568.
Finndale Farms	5/1/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	
First Columbia Property Services, LLC	4/15/2015	Administration OH, Property Management Services	206,293.0
FirstService Holdings, Inc.	9/9/2015	Flexible Technical Assistance Program, FlexTech Program - PON1746	6,450.0
Fiveboro Solar, LLC	6/4/2015	New York Sun Program, NY-Sun	32,886.0
	7/21/2015	New York Sun Program, NY-Sun	11,503.0
Florenton River LLC	4/14/2015	New York Sun Program, NY-Sun	6,100.0
	4/20/2015	New York Sun Program, NY-Sun	12,136.0
	5/5/2015	New York Sun Program, NY-Sun	10,248.0
	5/22/2015	New York Sun Program, NY-Sun	5,712.0
	6/17/2015	New York Sun Program, NY-Sun	5,712.
	8/13/2015	New York Sun Program, NY-Sun	7,900.
	8/14/2015	New York Sun Program, NY-Sun	21,960.0
	8/31/2015	New York Sun Program, NY-Sun	6,537.
	9/16/2015	New York Sun Program, NY-Sun	8,967.
lushing Commons LLC	8/14/2015	New Construction Program, NCP11462 - Flushing Commons	225,181.0
ordham Fulton Realty Corp.	9/14/2015	Multifamily Performance Program, Multifamily	76,050.
	9/16/2015	Multifamily Performance Program, Multifamily	144,450.0
ort Drum Mountain Community Homes	8/26/2015	Home Performance with Energy Star, Fort Drum Low-Rise Project	2,072,918.0
ort Schuyler Management Corporation	6/16/2015	New Construction Program, NCP12677 - Syracuse Film HUB	7,205.
Fortuna Brothers Petroleum Inc.	7/9/2015	Fuel NY, GSP00770 - Fortuna Brothers Pe	10,000.0
Found Object LLC	6/10/2015	Administration OH, Communications Services for Re	150,000.0
Fourth Coast, Inc.	4/14/2015	New York Sun Program, NY-Sun	15,680.0
	5/5/2015	New York Sun Program, NY-Sun	13,811.0
	5/11/2015	New York Sun Program, NY-Sun	5,387.0

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Fourth Coast, Inc.	6/4/2015	New York Sun Program, NY-Sun	5,670.00
	6/7/2015	New York Sun Program, NY-Sun	8,778.00
	6/8/2015	New York Sun Program, NY-Sun	5,198.0
	6/26/2015	New York Sun Program, NY-Sun	5,880.00
	7/23/2015	New York Sun Program, NY-Sun	5,346.0
	7/31/2015	New York Sun Program, NY-Sun	10,584.0
	8/6/2015	New York Sun Program, NY-Sun	6,480.0
	8/13/2015	New York Sun Program, NY-Sun	15,048.0
	8/17/2015	New York Sun Program, NY-Sun	14,904.0
	8/31/2015	New York Sun Program, NY-Sun	8,268.0
	9/1/2015	New York Sun Program, NY-Sun	26,942.0
	9/16/2015	New York Sun Program, NY-Sun	324.00
FRANCES FORBES	6/10/2015	New Construction Program, NCP98601 - White Plains Hospit	7,267.0
Franzoso Energy Solutions, Inc.	8/19/2015	New York Sun Program, NY-Sun	8,327.0
	9/8/2015	New York Sun Program, NY-Sun	5,978.0
Frederick A Proven	6/16/2015	New York Sun Program, NY-Sun	7,840.0
Freedom Mechanical, LLC	4/16/2015	RHNY cordwood boiler incentive	8,000.0
	9/9/2015	RHNY Incentive Award- Taylor	10,000.0
reedom Solar Inc.	5/14/2015	New York Sun Program, NY-Sun	5,985.0
	5/27/2015	New York Sun Program, NY-Sun	6,944.0
	5/28/2015	New York Sun Program, NY-Sun	13,566.0
	5/29/2015	New York Sun Program, NY-Sun	6,510.0
	6/3/2015	New York Sun Program, NY-Sun	7,182.0
	6/10/2015	New York Sun Program, NY-Sun	6,468.0
	6/19/2015	New York Sun Program, NY-Sun	7,980.0
	6/23/2015	New York Sun Program, NY-Sun	31,451.0
	7/7/2015	New York Sun Program, NY-Sun	23,433.0
	7/24/2015		6,510.0
	7/27/2015	New York Sun Program, NY-Sun	14,364.0
		New York Sun Program, NY-Sun	19,184.0
	7/29/2015	New York Sun Program, NY-Sun	
	7/31/2015	New York Sun Program, NY-Sun	11,200.0
	8/4/2015	New York Sun Program, NY-Sun	11,284.0
	8/6/2015	New York Sun Program, NY-Sun	33,782.0
Frey Electric Contruction Co., Inc.	6/17/2015	New York Sun Program, NY-Sun	77,500.0
	7/22/2015	New York Sun Program, NY-Sun	6,090.0
Friends of Brooklyn Community Board 6	6/24/2015	Smart Grid Systems, City of NY Red Hook Brooklyn	100,000.0
rontier Abstract and Research Services	7/22/2015	Green Jobs Green New York Revolving Loan Fund, Title Company in S	133,333.0
TI Consulting Technology LLC	8/7/2015	Administration OH, ITG-0083: Legal-Ringtail	19,173.0
ull and By Farm	5/1/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	6,293.2
uller Road Management Corp	4/20/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	186,709.6
	7/8/2015	Industrial Process Efficiency Program, Pre-Enc	13,089.2
uller Road Management Corporation	4/14/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	98,039.0
ulton South Development	5/15/2015	New Construction Program, NCP11533 - Fulton South	61,351.0
Fund for Public Health in New York, Inc.	7/10/2015	Energy Analysis, Climate ADPHealth and Energy	294,326.0
FXFOWLE Architects, LLP	4/24/2015	Advanced Buildings, Implement Pass. House Standard	100,000.0
Gas Technology Institute	9/14/2015	Advanced Buildings, Market evaluation of VRV GHP	99,922.0
Gateway ShopRite Associates LLC	6/4/2015	NCP11593 - Gateway ShopRite	152,329.0
		New Construction Program, NCP11593 - Gateway ShopRite	256,499.0
GATS Administrator	8/24/2015	Large Scale Renewables, GATS Fee Payments	71,048.1
Sehring	9/23/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	202,301.1
Seneral Electric Company	8/7/2015	New Construction Program, NCP12770 - Building 33	65,715.0
General Motors of NY Inc.	4/29/2015	Fuel NY, GSP00502 – General Motors of N	10,000.0
Genesys Engineering, P.C.	5/1/2015	Combined Heat and Power, FlexTech Consultant Selection	9,950.0
	7/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	64,128.7
Geo of Camden, LLC	4/8/2015	New York Sun Program, NY Sun	6,936.0
	5/1/2015	New York Sun Program, NY-Sun	13,104.0

Contractor	Contract Executed Date	Project Description	Total Contract
Geo of Camden, LLC	5/21/2015	New York Sun Program, NY Sun	89,112.00
	5/27/2015	New York Sun Program, NY-Sun	6,069.00
	6/4/2015	New York Sun Program, NY-Sun	7,644.00
	6/17/2015	New York Sun Program, NY-Sun	23,850.00
	6/23/2015	New York Sun Program, NY-Sun	6,188.00
	7/9/2015	New York Sun Program, NY-Sun	238.00
	8/11/2015	New York Sun Program, NY-Sun	7,235.00
	8/13/2015	New York Sun Program, NY-Sun	13,728.00
	8/31/2015	New York Sun Program, NY-Sun	5,304.00
	9/1/2015	New York Sun Program, NY-Sun	6,188.00
	9/3/2015	New York Sun Program, NY-Sun	6,201.00
	9/24/2015	New York Sun Program, NY-Sun	6,201.00
George E Denmark II	4/22/2015	New York Sun Program, NY-Sun	5,565.00
	5/5/2015	New York Sun Program, NY-Sun	6,804.00
	6/10/2015	New York Sun Program, NY-Sun	6,993.00
	7/15/2015	New York Sun Program, NY-Sun	12,544.00
	8/20/2015	New York Sun Program, NY-Sun	6,216.00
George Washington Bridge Bus Station Dev	6/4/2015	NCP11748 - GWB Bus Station	224,179.00
Geoscape Solar LLC	6/23/2015	New York Sun Program, NY-Sun	6,867.00
Geotherm Inc.	4/8/2015	New York Sun Program, NY-Sun	6,272.00
	5/5/2015	New York Sun Program, NY-Sun	19,152.00
	6/10/2015	New York Sun Program, NY-Sun	5,586.00
	6/15/2015	New York Sun Program, NY-Sun	9,975.00
	6/16/2015	New York Sun Program, NY-Sun	16,758.00
	6/17/2015	New York Sun Program, NY-Sun	5,775.00
	7/6/2015	New York Sun Program, NY-Sun	11,970.00
	7/7/2015	New York Sun Program, NY-Sun	15,960.00
	7/22/2015	New York Sun Program, NY-Sun	25,137.00
	7/29/2015	New York Sun Program, NY-Sun	5,130.00
	8/14/2015	New York Sun Program, NY-Sun	13,167.00
	9/9/2015	New York Sun Program, NY-Sun	12,456.00
Gerster Sales & Service, Inc.	8/12/2015	Existing Facilities Program, EFP2597 - Gerster Sales Servic	6,240.00
GHP Strang LLC	4/10/2015	Existing Facilities Program, EFP2439-GHP Strang LLC - Tacon	78,830.28
Ginsburg Development LLC	7/9/2015	Home Performance with Energy Star, Codes & New Construction	13,600.00
		New York ENERGY STAR Homes, Codes & New Construction	122,400.00
Giroux's Poultry Farm	4/24/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	132,453.34
Glens Falls Industrial Development Agenc	9/11/2015	New Construction Program, NCP13197 - Park Street Parking	20,124.00
GlensFalls CSD	7/7/2015	New Construction Program, NCP12875 - Glens Falls CSD Sci	8,289.00
Global Common, LLC	6/22/2015	Smart Grid Systems, Village of Greenport NY Prize	100,000.00
Global Energy Efficiency	4/10/2015		313,809.92
Siobal Ellergy Elliciency	4/10/2013	Existing Facilities Program, EFP2494 - Global Energy Efficient	370,092.96
Global Foundries U.S. Inc.	E/12/2015	Existing Facilities Program, EFP2556-Global Energy Efficien	78,504.72
Siobal Foundries 0.5. Inc.	5/12/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	
Co Colon/Cucon NV III C	5/21/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	51,250.68
Go Solar/Green NY, LLC	4/8/2015	New York Sun Program, NY-Sun	9,418.00
	5/11/2015	New York Sun Program, NY-Sun	18,311.00
	5/13/2015	New York Sun Program, NY-Sun	6,802.00
	5/27/2015	New York Sun Program, RES-New Const & Adv Tech	11,772.00
	7/21/2015	New York Sun Program, NY-Sun	5,723.00
	7/22/2015	New York Sun Program, RES-New Const & Adv Tech	6,867.00
Goldman Copeland Associates, P.C.	7/8/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	12,508.50
	8/14/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	4,042.50
	9/11/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	11,000.50
	9/25/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	26,024.50
Golub Corporation	7/13/2015	New Construction Program, NCP12955 - Price Chopper Wilto	118,926.00
	7/30/2015	New Construction Program, NCP12954 - Price Chopper Clift	119,398.00
Goodfellow Construction Management, Ltd.	4/10/2015	Home Performance with Energy Star, RES-New Const & Adv Tech	9,000.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Goodwill of the Finger Lakes, Inc.	4/21/2015	New Construction Program, NCP12695 - Goodwill Cicero	6,380.00
Gotham 360 LLC	7/14/2015	Smart Grid Systems, City of New York - East Bronx	66,000.00
Grand Manor Nursing and Rehabilitation C	5/1/2015	Flexible Technical Assistance Program, FlexTech Program - Pon 1746	10,462.50
Grant Park II, LP	6/29/2015	Green Affordable Housing, Multifamily	38,937.70
Great Brook Solar NRG, LLC	5/5/2015	New York Sun Program, NY-Sun	7,098.00
	5/27/2015	New York Sun Program, NY-Sun	13,104.00
	7/6/2015	New York Sun Program, NY-Sun	17,500.00
	9/25/2015	New York Sun Program, NY-Sun	8,235.00
Green Energy Corp.	8/20/2015	Smart Grid Systems, Village of Ossining, NY Prize	79,488.00
Green Hybrid Energy Solutions Inc.	4/6/2015	New York Sun Program, NY-Sun	7,552.00
	4/8/2015	New York Sun Program, NY-Sun	6,840.00
	4/10/2015	New York Sun Program, NY-Sun	6,136.00
	4/29/2015	New York Sun Program, NY-Sun	17,044.0
	5/4/2015	New York Sun Program, NY Sun	13,272.00
	5/15/2015	New York Sun Program, NY-Sun	20,000.00
	6/17/2015	New York Sun Program, NY-Sun	5,244.00
	7/2/2015	New York Sun Program, NY-Sun	7,448.00
	8/10/2015	New York Sun Program, NY-Sun	7,046.00
	8/19/2015	New York Sun Program, NY-Sun	8,418.0
	8/26/2015	New York Sun Program, NY-Sun	17,180.0
	9/17/2015	New York Sun Program, NY-Sun	7,259.00
Green Light Energy Conservation	7/20/2015	Existing Facilities Program, EFP2559 - Green Light Energy C	120,000.0
Green Light New York, Inc.	8/14/2015	Multifamily Performance Program, 2015-16 BEEx Watt Sponsorship	50,000.0
	8/27/2015	Mktg Consultant for MEPP	50,000.0
Green Power Solutions, Inc.	5/4/2015	New York Sun Program, NY-Sun	9,600.0
	5/6/2015	New York Sun Program, NY-Sun	6,000.0
	5/12/2015	New York Sun Program, NY-Sun	18,960.0
	5/14/2015	New York Sun Program, NY-Sun	19,440.0
	6/1/2015	New York Sun Program, NY-Sun	8,160.0
	6/17/2015	New York Sun Program, NY-Sun	7,680.0
Green Street Power Partners LLC	6/10/2015	New York Sun Program, NY-Sun	6,867.0
5.001.01.001.01.01.01.01.01.01.01.01.01.0	8/19/2015		11,592.0
Proposalo Management Inc	9/8/2015	New York Sun Program, NY-Sun	152,060.4
Greencycle Management Inc. GreenLogic, LLC		Existing Facilities Program, EFP2471 - Greencycle Managemen	6,180.0
neenLogic, LLo	4/13/2015	New York Sun Program, NY-Sun	43,745.00
	4/17/2015	New York Sun Program, NY-Sun	11,372.0
	4/29/2015	New York Sun Program, NY-Sun	
	5/6/2015	New York Sun Program, NY-Sun	12,730.0
	7/7/2015	New York Sun Program, NY-Sun	28,841.0
	8/5/2015	New York Sun Program, NY-Sun	2,329.0
	8/19/2015	New York Sun Program, NY-Sun	53,869.0
	9/10/2015	New York Sun Program, NY-Sun	15,434.0
Greentech Media Inc.	8/14/2015	Administration OH, 2015 Energy to Lead REV4NY GTM	65,000.0
Brid City Electric Corp	5/20/2015	New York Sun Program, NY-Sun	5,301.0
	8/6/2015	New York Sun Program, NY-Sun	5,096.0
Group-S LLC	4/3/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	12,262.5
	4/9/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	12,825.0
	4/16/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	47,325.0
	4/29/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	5,237.5
	5/1/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	55,912.5
	5/22/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	38,250.0
	5/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	24,350.0
	6/4/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	30,562.5
	6/18/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	9,612.50
	6/25/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	16,725.00
	7/2/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	22,512.50
	7/23/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	21,304.33

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Group-S LLC	7/24/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	7,950.00
	8/3/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	20,862.5
	8/6/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	17,650.0
	8/18/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	6,325.0
GTM Enterprises LLC	9/8/2015	Renewable Thermal, NY-Sun	6,000.00
Guth Deconzo Consulting Engineers	5/21/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	16,000.00
GZA GeoEnvironmental of New York	8/3/2015	West Valley Development Program, Trench 14 Investigation	30,000.0
H & V Gas Inc	7/20/2015	Fuel NY, GSP-00805 H&V Gas Inc (Mega Ga	10,000.0
Halcyon, Inc.	4/8/2015	New York Sun Program, NY-Sun	9,856.0
	4/22/2015	New York Sun Program, NY-Sun	12,992.0
	5/14/2015	New York Sun Program, NY-Sun	5,187.0
	6/1/2015	New York Sun Program, NY-Sun	6,384.0
	6/19/2015	New York Sun Program, NY-Sun	8,978.0
	6/23/2015	New York Sun Program, NY-Sun	6,983.0
	7/7/2015	New York Sun Program, NY-Sun	11,708.0
	7/22/2015	New York Sun Program, NY-Sun	9,156.00
	7/28/2015	New York Sun Program, NY-Sun	8,978.00
	8/4/2015	New York Sun Program, NY-Sun	7,182.0
	9/1/2015	New York Sun Program, NY-Sun	6,156.0
Hanna Properties LLC	9/28/2015	Multifamily Performance Program, Multifamily	44,000.00
Harbec Inc	5/8/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	35,202.4
Harco Construction, LLC	6/2/2015	New Construction Program, NCP12125 - 223 West 34th Stree	30,000.0
Harris Beach PLLC	5/11/2015	Saratoga Technology + Energy Park, Outside Counsel	35,000.0
Harvest Power, LLC	5/13/2015	New York Sun Program, NY-Sun	5,003.0
Harwich Partners, LLC	4/28/2015	Smart Grid Systems, NY Prize	75,000.0
ia won i a anoto, 220	7/9/2015	Smart Grid Systems, REV Demo Implementation	37,500.0
Haus Enterprises, LLC	5/26/2015	Multifamily Performance Program, Multifamily	10,251.0
Haver Inc.	4/21/2015	Fuel NY, GSP00779 - Haver Inc.	13,000.00
	5/15/2015		15,120.0
Hayes Electric Health Research, Inc.		New York Sun Program, NY-Sun	303,210.0
	9/4/2015	Renewable Heat NY, Ultrafine Particle Emissions	47,000.0
HELP Buffalo, LLC	8/7/2015	Multifamily Performance Program, Multifamily	48,000.0
HELP Woodycrest LLC	7/3/2015	Multifamily Performance Program, Multifamily	
Henry Phipps Plaza East, Inc.	7/27/2015	Multifamily Performance Program, Multifamily	83,200.0
Heritage Village Apartments, LLC	6/2/2015	Multifamily Performance Program, Multifamily	98,000.0
HFZ 344 West 72nd Street Owner LLC	7/27/2015	Multifamily Performance Program, Multifamily	58,700.00
HGS Solar 1, LLC	4/20/2015	NY Sun- Competitive PV, PV System - ORDA Gore Mountain	213,168.00
	8/28/2015	NY Sun- Competitive PV, PV System - ORDA Gore Mountain	321,546.0
Hi-Hope Farms LLC	9/1/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	23,761.5
High Falls Operating Co, LLC	6/15/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	95,458.5
High Peaks Solar	5/1/2015	New York Sun Program, PV Incentive Program	9,212.0
	5/18/2015	New York Sun Program, NY-Sun	31,192.0
	5/28/2015	New York Sun Program, NY-Sun	8,232.0
	6/4/2015	New York Sun Program, NY-Sun	14,112.0
	6/10/2015	New York Sun Program, NY-Sun	174,611.0
	7/27/2015	Commercial/Industrial Program	225,775.5
	8/17/2015	New York Sun Program, NY-Sun	10,944.0
	9/1/2015	New York Sun Program, NY-Sun	5,472.0
Highbridge Community Housing Development	6/2/2015	Multifamily Performance Program, Multifamily	82,210.5
Hillside Associates of Albany LLC	9/4/2015	Multifamily Performance Program, Multifamily	38,200.0
	9/11/2015	Multifamily Performance Program, Multifamily	31,500.0
Hines 1045 Avenue of the Americas Joint	5/19/2015	New Construction Program, NCP10584 - 1045 Ave of America	180,692.0
HLT NY Hilton, LLC	7/29/2015	Administration OH, 2015 Energy to Lead REV4NY	85,000.0
Hobart and William Smith Colleges	5/4/2015	Environmental Research, Mercury Dynamics in Finger Lak	167,894.0
Hobbs & Towne, Inc.	9/24/2015	Administration OH, recruitment services	50,000.0
Holland & Knight LLP	9/4/2015	Green Bank Outside Legal Serv.	61,587.19

Period 4/1/2015 through 9/30/2015			
Contractor	Contract Executed Date	Project Description	Total Contract Amount
Home Depot USA., Inc.	4/14/2015	Flexible Technical Assistance Program, FlexTech Program - PON1746	49,583.50
Home Innovation Research Labs, Inc.	6/10/2015	Advanced Buildings, Extended Plate & Beam Wall Sys	100,000.00
Home Leasing Services, LLC	7/13/2015	Home Performance with Energy Star, Codes & New Construction	5,100.00
		New York ENERGY STAR Homes, Codes & New Construction	45,900.00
Honeywell International Inc.	4/21/2015	Empower, Program Implementation Service	3,986,379.31
Houston Essex Realty Corp	9/29/2015	Multifamily Performance Program, Multifamily	26,600.00
Hudson City School District	6/4/2015	Flexible Technical Assistance Program, FlexTech Program - PON1746	42,586.00
Hudson River HealthCare Inc	5/15/2015	New Construction Program, NCP12757 - Peekskill Health Ce	16,628.00
Hudson Solar	4/7/2015	New York Sun Program, NY-Sun	15,232.00
	4/8/2015	New York Sun Program, NY-Sun	51,898.00
	4/15/2015	New York Sun Program, NY-Sun	14,560.00
	4/17/2015	New York Sun Program, NY-Sun	25,074.00
	4/21/2015	New York Sun Program, NY-Sun	6,521.00
	4/22/2015	New York Sun Program, NY-Sun	7,035.00
	4/27/2015	New York Sun Program, NY-Sun	17,160.00
	4/28/2015	New York Sun Program, NY-Sun	19,712.00
	5/1/2015	New York Sun Program, NY-Sun	34,082.00
	5/6/2015	New York Sun Program, NY-Sun	11,884.00
	5/12/2015	New York Sun Program, NY-Sun	5,292.00
	5/15/2015	New York Sun Program, NY Sun	6,090.00
	5/20/2015		7,970.00
		New York Sun Program, NY-Sun	80,224.00
	5/21/2015	New York Sun Program, NY-Sun	
	5/26/2015	New York Sun Program, NY-Sun	16,380.00
	6/1/2015	New York Sun Program, NY-Sun	22,941.00
	6/3/2015	New York Sun Program, NY-Sun	7,371.00
	6/7/2015	New York Sun Program, NY-Sun	8,280.00
	6/10/2015	New York Sun Program, NY-Sun	5,880.00
	6/15/2015	New York Sun Program, NY-Sun	5,880.00
	6/16/2015	New York Sun Program, NY-Sun	31,162.00
	6/17/2015	New York Sun Program, NY-Sun	18,228.00
	6/19/2015	New York Sun Program, NY-Sun	16,926.00
	6/25/2015	New York Sun Program, NY-Sun	17,416.00
	6/26/2015	New York Sun Program, NY-Sun	7,140.00
	6/29/2015	New York Sun Program, NY-Sun	11,178.00
	7/2/2015	New York Sun Program, NY-Sun	8,327.00
	7/7/2015	New York Sun Program, NY-Sun	18,398.00
	7/8/2015	New York Sun Program, NY-Sun	5,628.00
	7/9/2015	New York Sun Program, NY-Sun	5,765.00
	7/10/2015	New York Sun Program, NY-Sun	11,802.00
	7/13/2015	New York Sun Program, NY-Sun	33,306.00
	7/16/2015	New York Sun Program, NY-Sun	12,992.00
	7/17/2015	New York Sun Program, NY-Sun	4,709.00
	7/28/2015	New York Sun Program, NY-Sun	5,712.00
	7/29/2015	New York Sun Program, NY-Sun	5,488.00
	7/30/2015	New York Sun Program, NY-Sun	6,588.00
	8/5/2015	New York Sun Program, NY-Sun	6,510.00
	8/7/2015	New York Sun Program, NY-Sun	9,996.00
	8/13/2015		5,376.00
	8/26/2015	New York Sun Program, NY-Sun	5,376.00
		New York Sun Program, NY-Sun	
	8/27/2015	New York Sun Program, NY-Sun	22,866.00
	8/31/2015	New York Sun Program, NY-Sun	5,856.00
	9/1/2015	New York Sun Program, NY-Sun	5,040.00
	9/8/2015	New York Sun Program, NY-Sun	5,821.00
	9/10/2015	New York Sun Program, NY-Sun	5,460.00
	9/11/2015	New York Sun Program, NY-Sun	13,776.00
	9/15/2015	New York Sun Program, NY-Sun	7,245.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Hudson Solar	9/17/2015	New York Sun Program, NY-Sun	5,544.00
	9/22/2015	New York Sun Program, NY-Sun	15,738.00
	9/23/2015	New York Sun Program, NY-Sun	21,606.00
Hudson Valley Federal Credit Union	4/1/2015	New Construction Program, NCP12852 - HVFCU Poughkeepsie	7,200.00
lunter Machine, Inc.	8/17/2015	New Construction Program, NCP13020 - Hunter Machine	5,174.00
luttner Strategies	5/6/2015	Innovation, Digester Investment Summit	49,500.00
IVB Leasing Corp.	6/10/2015	Green Jobs Green New York Revolving Loan Fund, Multifamily	250,000.00
ly-Light Farms	5/20/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	38,750.59
Hydronic Specialty Supply	9/29/2015	RHNY cordwood incentive	10,000.00
BC Engineering PC	6/12/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	427,294.50
	7/8/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	7,564.80
BM - East Fishkill Site	5/22/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	1,737,051.92
BM Corporation	5/12/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	35,250.86
	6/8/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	525,294.96
CC 4 West Main LLC	9/11/2015	New Construction Program, NCP12809 - Cambridge Hotel Ren	6,000.00
CF Resources, LLC	6/2/2015	Market Pathways, Impl of Lighting Mid Partners	500,000.00
	6/7/2015	Existing Facilities Program, Technical Review and Program S	8,095.5
	6/15/2015	Market Pathways, Implementation contractor for	254,431.00
	8/11/2015	Market Pathways, Impl of Lighting Mid Partners	280,829.00
deal Diary Farms, Inc.	8/7/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	39,215.10
ESI NY Corporation	7/2/2015	Administration OH, Trash Pick-up for NYC	9,646.56
ndian River Central School District	5/27/2015	New Construction Program, NCP12603 - Indian River CSD Im	52,412.00
ndustrial Exhibit Authority	7/1/2015	ADMIN, 2015 NYS Fair Exhibit	8,199.7
•		Renewable Heat NY, 2015 NYS Fair Exhibit	213.25
nfinity Solar Systems, LLC	4/8/2015	New York Sun Program, NY-Sun	7,325.0
, ,	5/8/2015	New York Sun Program, NY-Sun	5,072.00
	7/29/2015	New York Sun Program, NY-Sun	14,126.00
	8/11/2015	New York Sun Program, NY-Sun	7,783.00
nfoSense, LLC	4/15/2015	Administration OH, Information Technology	225,000.00
nnovated Energy Solutions	4/6/2015	New York Sun Program, NY-Sun	5,088.00
nnoVisionary Consulting, LLC	4/24/2015	Administration OH, Salesforce SME	25,000.00
nstitute for Building Technology and Sa	4/6/2015	Advanced Energy Codes, SBC IV Energy Code Training	897,133.00
entant for Banding reciniology and oa	9/16/2015	Green Jobs Green New York Revolving Loan Fund, Training, Field Exa	8,218.7
ntelligent Green Solutions	4/28/2015	Renewable Thermal, NY-Sun	5,682.00
nongon Orden Goldhona	5/4/2015	Renewable Thermal, NY-Sun Renewable Thermal, NY-Sun	11,144.00
	5/7/2015	Renewable Thermal, NY-Sun	5,576.00
	5/11/2015	Renewable Thermal, RES-New Const & Adv Tech	21,275.00
	5/15/2015	Renewable Thermal, NY-Sun	8,036.00
	5/18/2015	Renewable Thermal, NY-Sun	81,603.0
	5/28/2015	Renewable Thermal, NY-Sun	60,589.00
	5/29/2015	Renewable Thermal, NY-Sun	77,521.0
	6/4/2015	Renewable Thermal, NY-Sun	91,450.00
	6/7/2015	Renewable Thermal, NY-Sun	23,142.0
	6/10/2015	Renewable Thermal, NY-Sun	221,879.00
	6/17/2015	Renewable Thermal, NY-Sun	19,438.0
	6/18/2015	Renewable Thermal, NY-Sun	192,001.00
	7/2/2015	Renewable Thermal, NY-Sun	142,381.00
	7/6/2015	Renewable Thermal, NY-Sun	21,553.0
	7/9/2015	Renewable Thermal, NY-Sun	23,463.00
	7/10/2015	Renewable Thermal, NY-Sun	188,783.00
	7/16/2015	Renewable Thermal, NY-Sun	264,549.00
	7/17/2015	Renewable Thermal, NY-Sun	119,849.00
	7/21/2015	Renewable Thermal, NY-Sun	357,663.00
	7/23/2015	Renewable Thermal, NY-Sun	402,398.00
	7/27/2015	Renewable Thermal, NY-Sun	128,711.00
	7/28/2015	Renewable Thermal, NY-Sun	127,593.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Intelligent Green Solutions	7/29/2015	Renewable Thermal, NY-Sun	78,030.00
	7/30/2015	Renewable Thermal, NY-Sun	38,050.00
	7/31/2015	Renewable Thermal, NY-Sun	120,142.00
	8/4/2015	Renewable Thermal, NY-Sun	96,165.00
	8/6/2015	Renewable Thermal, NY-Sun	152,970.00
	8/11/2015	Renewable Thermal, NY-Sun	113,171.00
	8/14/2015	Renewable Thermal, NY-Sun	47,458.00
	8/17/2015	Renewable Thermal, NY-Sun	15,990.00
	8/18/2015	Renewable Thermal, NY-Sun	74,052.00
	8/20/2015	Renewable Thermal, NY-Sun	58,997.00
	8/21/2015	Renewable Thermal, NY-Sun	65,135.00
	8/26/2015	Renewable Thermal, NY-Sun	483,095.00
	8/27/2015	Renewable Thermal, NY-Sun	123,678.00
	9/1/2015	Renewable Thermal, NY-Sun	516,513.00
	9/8/2015	Renewable Thermal, NY-Sun	301,221.00
	9/15/2015	PV Incentive Program	393,017.00
		Renewable Thermal, NY-Sun	55,248.00
	9/17/2015	Renewable Thermal, NY-Sun	118,331.00
	9/18/2015	PV Incentive Program	35,521.00
	9/22/2015	Renewable Thermal, NY-Sun	27,573.00
	9/24/2015	PV Incentive Program	23,733.00
		PV Incentvie Program	35,757.00
ntergrow Greenhouses	6/15/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	250,000.00
nternational Business Machines,	4/24/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	695,879.7
nternational Electronic Machines Corp.,	8/28/2015	Clean Transportation, Noncontact Elect. Wheel Gauge	250,000.0
nverters Unlimited, Inc.	4/28/2015	New York Sun Program, NY-Sun	6,300.0
Trottoro Ciminicoa, mo.	5/1/2015	New York Sun Program, NY-Sun	6,825.0
	7/30/2015	New York Sun Program, NY-Sun	130,000.00
nvictus Electrical III C			40,000.00
Invictus Electrical, LLC	7/9/2015	New York Sun Program, NY-Sun	99,966.72
oxus, Inc.	5/21/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	252,447.00
RE Solar 1, LLC	4/20/2015	NY Sun- Competitive PV, PV System @ City of Utica 2	
RW Solar 1, LLC	4/20/2015	NY Sun- Competitive PV, PV System @ City of Utica 1	505,925.0
Ithaca B and T Associates LLC	5/18/2015	New Construction Program, NCP12895 - BinOptics	16,287.50
thaca Carshare, Inc.	4/15/2015	Clean Transportation, Low-Carbon Travel Choices	136,515.0
ITT Industries	4/10/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	37,002.24
J P Morgan Chase Bank	4/24/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	53,962.5
J. Feil and M. Bernstein Et Al	5/27/2015	Multifamily Performance Program, Multifamily	101,000.0
James Street Apartments, LLC	4/27/2015	Multifamily Performance Program, Multifamily	1,680.00
Jane Street Capital	7/2/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	140,271.5
JCB Specialties, Inc.	9/21/2015	Marketing, PSC NYS Fair supplies	29,603.6
lefferson Community College	5/11/2015	New Construction Program, NCP12178 - SUNY Jefferson CC L	73,396.0
lefferson County Local Development Corp	6/10/2015	Smart Grid Systems, Town of Watertown NY Prize	100,000.0
leffrey L Kinzler	9/14/2015	Clean Transportation, Urban Intermodal Freight Sys	125,000.0
leffrey Park LTD., III, LLC	4/21/2015	Multifamily Performance Program, Multifamily	69,600.0
letro Holdings LLC	8/12/2015	New Construction Program, NCP12164 - Restaurant Depot Ro	6,150.0
lewish Board of Family & Children's Serv	9/3/2015	Existing Facilities Program, EFP2145-Jewish Board of Family	75,567.0
iten	6/10/2015	New Construction Program, NCP13196 - Comfort Inn Bronx	11,751.0
ohn E. Batey	4/6/2015	Environmental Research, science advisor support env	20,000.0
ohn M. Verba	5/13/2015	New York Sun Program, NY-Sun	6,664.0
	5/27/2015	New York Sun Program, NY-Sun	5,040.00
ohn W.Danforth Co, Inc.	6/30/2015	New Construction Program, NCP13038 - Meadows Business Pa	15,424.0
Johnson Controls Inc.	5/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	44,356.6
	6/19/2015	Existing Facilities Program, EFP1824 - Johnson Controls	183,803.8
Johnson Controls, Inc. (Syracuse)	4/20/2015	Existing Facilities Program, EFP2199 - Johnson Controls Inc	113,490.00
	9/25/2015	Existing Facilities Program, EFP2448 - Johnson Controls	58,280.64
JP Morgan Chase	4/24/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	405,669.85

Contractor	Contract Executed Date	Project Description	Total Contrac Amour
Kaleida Health	5/11/2015	New Construction Program, NCP11344 - Women & Children's	158,795.0
Karpman Consulting, LLC	9/17/2015	Advanced Energy Codes, Energy Code Support Services	74,816.0
Kasselman Solar LLC	4/14/2015	New York Sun Program, NY-Sun	23,226.0
	4/22/2015	New York Sun Program, NY-Sun	14,438.0
	4/28/2015	New York Sun Program, NY-Sun	7,700.0
	5/4/2015	New York Sun Program, NY-Sun	13,090.0
	5/5/2015	New York Sun Program, NY-Sun	5,775.0
	5/11/2015	New York Sun Program, NY-Sun	17,325.0
	5/13/2015	New York Sun Program, NY-Sun	92,654.0
	5/21/2015	New York Sun Program, NY-Sun	96,634.0
	5/27/2015	New York Sun Program, NY-Sun	7,508.0
	6/3/2015	New York Sun Program, NY-Sun	385.0
	6/4/2015	New York Sun Program, NY-Sun	5,775.0
	6/15/2015	New York Sun Program, NY-Sun	5,775.0
	6/19/2015	New York Sun Program, NY-Sun	13,090.0
	6/23/2015	New York Sun Program, NY-Sun	5,775.0
	7/7/2015	New York Sun Program, NY-Sun	6,930.0
	7/8/2015	New York Sun Program, NY-Sun	5,775.0
	7/9/2015	New York Sun Program, NY-Sun	6,930.0
	7/23/2015	New York Sun Program, NY-Sun	152,460.0
	7/30/2015	New York Sun Program, NY-Sun	11,712.0
	8/12/2015	New York Sun Program, NY-Sun	6,136.0
	8/19/2015	New York Sun Program, NY-Sun	5,445.0
	8/26/2015	New York Sun Program, NY-Sun	11,743.0
	8/27/2015	New York Sun Program, NY-Sun	5,280.0
	9/2/2015	New York Sun Program, NY-Sun	5,280.0
	9/8/2015	New York Sun Program, NY-Sun	5,673.0
	9/23/2015	New York Sun Program, NY-Sun	18,975.0
Kaydeross Village, LLC	7/6/2015	Home Performance with Energy Star, Codes & New Construction	7,800.0
,		New York ENERGY STAR Homes, Codes & New Construction	70,200.0
KEMA Services, Inc.	6/29/2015	Market Pathways, Implementation Contractors for	200,000.0
TEMPA GOLVIGGO, IIIO.	8/12/2015	Market Pathways, Implementation Contractors for	246,577.0
Conmove Mayor Hoonitel			7,078.0
Kenmore Mercy Hospital	8/12/2015	New Construction Program, NCP11713 - Kenmore Mercy Hospi	1,613.4
Kenneth DeBlock Jr.	7/27/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	10,080.0
Kevin Quinn	4/3/2015	New York Sun Program, NY-Sun	6,615.0
	5/5/2015	New York Sun Program, NY-Sun	
	5/27/2015	New York Sun Program, NY-Sun	6,615.0
Zilassa M. Essala a adam Jua	8/13/2015	New York Sun Program, NY-Sun	6,237.0
Kilowatt Engineering, Inc.	4/8/2015	Existing Facilities Program, Technical Review and Program S	14,954.0
	4/16/2015	Existing Facilities Program, Technical Review and Program S	28,641.0
	6/29/2015	Industrial Process Efficiency Program, Technical Review and Program S	18,846.0
	7/2/2015	Industrial Process Efficiency Program, Technical Review and Program S	20,958.0
	9/1/2015	Existing Facilities Program, Technical Review and Program S	16,231.0
	9/4/2015	Existing Facilities Program, Technical Review and Program S	20,140.0
Kilowatt Financial, LLC	4/1/2015	New York Sun Program, NY-Sun	19,158.0
	4/6/2015	New York Sun Program, NY-Sun	5,219.0
	4/9/2015	New York Sun Program, NY-Sun	20,562.0
	4/14/2015	New York Sun Program, NY-Sun	29,133.0
	4/15/2015	New York Sun Program, NY-Sun	6,069.0
	5/1/2015	New York Sun Program, NY-Sun	8,736.0
	5/4/2015	New York Sun Program, NY-Sun	5,400.0
	5/27/2015	New York Sun Program, NY-Sun	5,075.0
	6/29/2015	New York Sun Program, NY-Sun	400.0
	6/30/2015	New York Sun Program, NY-Sun	9,765.0
	9/8/2015	New York Sun Program, NY-Sun	1,050.0
	9/17/2015	New York Sun Program, NY Sun	5,508.0

Contractor	Contract Executed Date	Project Description	Total Contract
Kilowatt Financial, LLC	9/17/2015	New York Sun Program, NY-Sun	11,628.00
Kingston Limited Partnership	8/27/2015	Multifamily Performance Program, Multifamily	115,900.00
Kingsview Homes, Inc.	6/16/2015	Multifamily Performance Program, Multifamily	116,250.00
Kiss Electric	5/29/2015	New York Sun Program, NY-Sun	11,550.00
KLD Engineering, P.C.	5/22/2015	Clean Transportation, Transportation Resiliency	149,495.00
Knickerbocker Plaza LLC	7/3/2015	Multifamily Performance Program, Multifamily	374,400.00
KPMG LLP	9/30/2015	Administration OH, Audit services	69,500.00
		New York Green Bank, Audit services	16,500.00
Kreher's Farm Fresh Eggs, LLC	6/16/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	24,579.30
Kreher's Sunrise Farm, LLC	9/17/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	20,016.00
Krolak Technology Management, LLC	8/12/2015	Administration OH, Training: Office 365 Migration	18,016.08
Kroll Bond Rating Agency, Inc.	9/1/2015	Green Jobs Green New York Revolving Loan Fund, \$75000 fee plus \$1	165,000.00
L.I. Gas Station Management Inc.	4/29/2015	Fuel NY, GSP00393 - LI Gas Station Mana	10,000.00
L&D Acquisition LLC	8/24/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	80,737.14
L&S Energy Services, Inc.	4/7/2015	Industrial Process Efficiency Program, Technical Review and Program S	24,380.00
	4/10/2015	New Construction Program, Technical Assistance Services.	7,725.00
	4/15/2015	New Construction Program, Technical Assistance Services.	4,817.00
	4/16/2015	Industrial Process Efficiency Program, Technical Review and Program S	10,400.00
	4/20/2015	New Construction Program, Technical Assistance Services.	39,863.00
		Technical Assistance Services.	29,863.00
	4/21/2015	Renewable Heat NY, Technical Review and Program S	2,658.00
	4/24/2015	Industrial Process Efficiency Program, Technical Review and Program S	8,524.00
	4/29/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	6,973.00
	5/21/2015	Combined Heat and Power, FlexTech Consultant Selection	11,139.00
		Flexible Technical Assistance Program, FlexTech Consultant Selection	18,677.50
	6/11/2015	Industrial Process Efficiency Program, Technical Review and Program S	14,100.00
	6/25/2015	Industrial Process Efficiency Program, Technical Review and Program S	4,085.00
	6/26/2015	Industrial Process Efficiency Program, Technical Review and Program S	20,975.00
	7/20/2015	Emerging Technology / Accelerated Commercializatio, Technical Revie	22,051.66
	1720/2010	Industrial Process Efficiency Program, Technical Review and Program S	5,090.00
	8/4/2015	Existing Facilities Program, Technical Review and Program S	463.86
	8/11/2015	Industrial Process Efficiency Program, Technical Review and Program S	1,436.64
	8/14/2015		8,956.85
		Industrial Process Efficiency Program, Technical Review and Program S	10,086.73
	9/1/2015	Existing Facilities Program, Technical Review and Program S	10,190.50
	9/3/2013	New Construction Program, Technical Assistance Services.	5,190.50
	0/4/2045	Technical Assistance Services.	
	9/4/2015	Existing Facilities Program, Technical Review and Program S	6,842.24
	9/8/2015	Existing Facilities Program, Technical Review and Program S	19,546.20
	9/9/2015	Industrial Process Efficiency Program, Technical Review and Program S	4,820.42
LaBalla Associator B.O.	9/11/2015	Existing Facilities Program, Technical Review and Program S	8,848.72
LaBella Associates, P.C.	4/1/2015	Existing Facilities Program, Technical Review and Program S	10,283.00
	4/6/2015	Industrial Process Efficiency Program, Technical Review and Program S	25,640.00
	9/4/2015	Existing Facilities Program, Technical Review and Program S	20,705.00
	9/8/2015	Existing Facilities Program, Technical Review and Program S	7,834.00
Laertes Solar, LLC	4/6/2015	NY Sun- Competitive PV, PV System @ Cornell - Ellis	4,090,832.00
Lake Beverage Corporation	9/10/2015	Commercial/Industrial	214,183.25
Lake Breeze Fruit Farms Inc	5/15/2015	New Construction Program, NCP12363 - Lake Breeze Phase 2	80,301.00
Lakeside Manor Home For Adults Inc	4/7/2015	Existing Facilities Program, EFP2382 - Lakeside Manor Home	124,800.00
Lakeview Mental Health Services, Inc.	7/14/2015	Home Performance with Energy Star, Codes & New Construction	15,100.00
		New York ENERGY STAR Homes, Codes & New Construction	135,900.00
Lamb Farms Inc.	5/22/2015	Anaerobic Digester Program, Lamb Farms Inc. Scrubber	168,250.00
Lampros Solar, LLC	4/2/2015	New York Sun Program, NY-Sun	8,232.00
	5/21/2015	New York Sun Program, NY-Sun	294.00
Lawview Farm	8/11/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	12,586.19
	E 100 100 1 E	Innovation Congeity & Business Davolanment Wind Turbine Congreter	200,000.00
LC DRives	5/26/2015	Innovation Capacity & Business Development, Wind Turbine Generator	200,000.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Lecesse Construction Services	9/16/2015	Home Performance with Energy Star, NYSERDA Administration	4,000.00
		New York ENERGY STAR Homes, NYSERDA Administration	36,000.00
Leon Button	4/15/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	21,927.70
	7/22/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	6,079.17
Level 3 Communications	4/10/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	115,770.00
Level Agency for Infrastructure, LLC	6/10/2015	Smart Grid Systems, City of NY Hunts Point	100,000.00
LexisNexis	4/28/2015	Administration OH, Green Bank	49,260.00
Lightwave Energy, LLC	7/2/2015	Existing Facilities Program, EFP2444 - Lightwave Energy LLC	95,536.00
	7/28/2015	Existing Facilities Program, EFP2444 - Lightwave Energy LLC	5,262.51
Lionano Inc.	9/14/2015	Clean Transportation, Advanced Transportation Tech	149,931.00
Lockport Ice Arena & Sports Center, Inc.	5/11/2015	New Construction Program, NCP11635 - Lockport Ice Arena	235,910.0
ockwood's Greenhouse & Farm LLC	7/27/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	47,944.9
oeb & Loeb LLP	6/4/2015	New York Green Bank, Green Bank Outside Legal Couns	12,634.4
	7/21/2015	New York Green Bank, Green Bank Outside Legal Couns	17,028.1
ong Island Power Authority	6/16/2015	New York Sun Program, Statewide Solar Energy	24,600,000.00
Long Pond Garden Apartments LLC	7/1/2015	Multifamily Performance Program, Multifamily	21,000.00
ongwood Residences	4/21/2015	Multifamily Performance Program, Multifamily	129,825.00
oretto Independent Living Services, Inc	7/16/2015	New Construction Program, NCP12926 - PACE CNY 115 Creek	22,492.0
ori Morrison	4/30/2015	Home Performance with Energy Star, Codes & New Construction	9,000.0
otus Energy, Inc.	4/1/2015	New York Sun Program, NY-Sun	10,987.0
	4/10/2015	New York Sun Program, NY-Sun	35,180.0
	4/29/2015	New York Sun Program, NY-Sun	6,867.0
	6/4/2015	New York Sun Program, NY-Sun	5,494.0
	6/12/2015	New York Sun Program, NY-Sun	21,880.0
	6/16/2015	New York Sun Program, NY-Sun	9,614.0
	7/21/2015	New York Sun Program, NY-Sun	6,278.0
	8/7/2015	New York Sun Program, NY-Sun	11,510.0
	8/12/2015	New York Sun Program, NY-Sun	14,904.0
	9/1/2015	New York Sun Program, NY-Sun	6,633.0
ouis Feil	6/11/2015	Multifamily Performance Program, Multifamily	254,800.0
ouis T. Wright HDFC	7/9/2015	Home Performance with Energy Star, Codes & New Construction	2,350.0
		New York ENERGY STAR Homes, Codes & New Construction	21,150.0
// & A Holding of CNY LLC	7/30/2015	New Construction Program, NCP12879 - The Gardens Assiste	22,165.0
//E Engineering, P.C.	4/20/2015	New Construction Program, Technical Assistance Services	29,440.0
	5/12/2015	Industrial Process Efficiency Program, Technical Review and Program S	7,705.0
	5/27/2015	Environmental Research, Air Dispersion Modeling	27,425.0
	6/22/2015	New Construction Program, Technical Assistance Services	96,530.0
	7/1/2015	Existing Facilities Program, Technical Review and Program S	8,680.0
		Flexible Technical Assistance Program, FlexTech Consultant Selection	26,215.0
	7/2/2015	New Construction Program, Technical Assistance Services	17,932.5
		Table is all Assistance Occident	12,932.5
		Technical Assistance Services	
	7/3/2015		
	7/3/2015 7/9/2015	New Construction Program, Technical Assistance Services	17,960.0
			17,960.0 162,165.0
		New Construction Program, Technical Assistance Services Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Technical Review and Program S	17,960.0 162,165.0 7,745.0
	7/9/2015	New Construction Program, Technical Assistance Services Flexible Technical Assistance Program, FlexTech Consultant Selection	17,960.0 162,165.0 7,745.0 6,345.0
	7/9/2015 7/20/2015	New Construction Program, Technical Assistance Services Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Technical Review and Program S Industrial Process Efficiency Program, Technical Review and Program S	17,960.0 162,165.0 7,745.0 6,345.0 36,545.0
	7/9/2015 7/20/2015 8/3/2015	New Construction Program, Technical Assistance Services Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Technical Review and Program S Industrial Process Efficiency Program, Technical Review and Program S New Construction Program, Technical Assistance Services Technical Assistance Services	17,960.0 162,165.0 7,745.0 6,345.0 36,545.0 31,545.0
	7/9/2015 7/20/2015	New Construction Program, Technical Assistance Services Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Technical Review and Program S Industrial Process Efficiency Program, Technical Review and Program S New Construction Program, Technical Assistance Services Technical Assistance Services New Construction Program, Technical Assistance Services	17,960.0 162,165.0 7,745.0 6,345.0 36,545.0 31,545.0
	7/9/2015 7/20/2015 8/3/2015	New Construction Program, Technical Assistance Services Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Technical Review and Program S Industrial Process Efficiency Program, Technical Review and Program S New Construction Program, Technical Assistance Services Technical Assistance Services New Construction Program, Technical Assistance Services New Construction Program, Technical Assistance Services	17,960.0 162,165.0 7,745.0 6,345.0 36,545.0 31,545.0 17,730.0 7,937.5
facv's	7/9/2015 7/20/2015 8/3/2015 8/5/2015 9/4/2015	New Construction Program, Technical Assistance Services Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Technical Review and Program S Industrial Process Efficiency Program, Technical Review and Program S New Construction Program, Technical Assistance Services Technical Assistance Services New Construction Program, Technical Assistance Services New Construction Program, Technical Assistance Services Technical Assistance Services	17,960.0 162,165.0 7,745.0 6,345.0 36,545.0 31,545.0 17,730.0 7,937.5
•	7/9/2015 7/20/2015 8/3/2015 8/5/2015 9/4/2015 7/30/2015	New Construction Program, Technical Assistance Services Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Technical Review and Program S Industrial Process Efficiency Program, Technical Review and Program S New Construction Program, Technical Assistance Services Technical Assistance Services New Construction Program, Technical Assistance Services New Construction Program, Technical Assistance Services Technical Assistance Services New Construction Program, Nepathology 11 - Penn Plaza 6th Floo	17,960.0 162,165.0 7,745.0 6,345.0 36,545.0 31,545.0 17,730.0 7,937.5 2,937.5
Malcolm Pirnie, Inc.	7/9/2015 7/20/2015 8/3/2015 8/5/2015 9/4/2015 7/30/2015 5/1/2015	New Construction Program, Technical Assistance Services Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Technical Review and Program S Industrial Process Efficiency Program, Technical Review and Program S New Construction Program, Technical Assistance Services Technical Assistance Services New Construction Program, Technical Assistance Services New Construction Program, Technical Assistance Services Technical Assistance Services New Construction Program, NCP13111 - Penn Plaza 6th Floo Flexible Technical Assistance Program, FlexTech Consultant Selection	17,960.00 162,165.00 7,745.00 6,345.00 31,545.00 17,730.00 7,937.50 2,937.50 7,430.00
Malcolm Pirnie, Inc.	7/9/2015 7/20/2015 8/3/2015 8/5/2015 9/4/2015 7/30/2015	New Construction Program, Technical Assistance Services Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Technical Review and Program S Industrial Process Efficiency Program, Technical Review and Program S New Construction Program, Technical Assistance Services Technical Assistance Services New Construction Program, Technical Assistance Services New Construction Program, Technical Assistance Services Technical Assistance Services New Construction Program, Nephasial Policy Services New Construction Program Policy Serv	17,960.00 162,165.00 7,745.00 6,345.00 36,545.00 17,730.00 7,937.50 2,937.50 7,430.00 7,000.00
Macy's Malcolm Pirnie, Inc. Malta Development Company Inc Mamaroneck Self Storage LLC	7/9/2015 7/20/2015 8/3/2015 8/5/2015 9/4/2015 7/30/2015 5/1/2015	New Construction Program, Technical Assistance Services Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Technical Review and Program S Industrial Process Efficiency Program, Technical Review and Program S New Construction Program, Technical Assistance Services Technical Assistance Services New Construction Program, Technical Assistance Services New Construction Program, Technical Assistance Services Technical Assistance Services New Construction Program, NCP13111 - Penn Plaza 6th Floo Flexible Technical Assistance Program, FlexTech Consultant Selection	17,960.00 162,165.00 7,745.00 6,345.00 31,545.00 17,730.00 7,937.50 2,937.50 7,430.00 17,452.00 7,000.00 63,000.00

Contractor	Contract Executed Date	Project Description	Total Contract Amount
Maple Green L.P.	5/26/2015	Multifamily Performance Program, Multifamily	23,000.00
Maple West 25th Owner LLC	5/12/2015	New Construction Program, NCP11975 - 119 West 25th Stree	109,499.00
Marchetti Consulting Engineers	8/4/2015	New York Sun Program, NY-Sun	17,500.00
Marcus Garvey Preservation LLC	6/30/2015	Multifamily Performance Program, Multifamily	500,000.00
Marine Equities Maple LLC	9/28/2015	Multifamily Performance Program, Multifamily	30,000.00
Marlo Towers Owners, Inc.	6/11/2015	Multifamily Performance Program, Multifamily	49,700.00
Marriott International Inc.	9/28/2015	New Construction Program, NCP11334 - Edition NY	69,392.00
Marshall & Sterling, Inc.	4/15/2015	Administration OH, Liability and Other Insurance	1,976.00
	7/2/2015	Administration OH, Property Liability and Other	197,184.00
Massachusetts Institute of Technology	7/22/2015	Research and Development, 2015-2016Annual MIT Membership	5,000.00
Mastercard International	9/11/2015	New Construction Program, NCP13139 - MasterCard HQ 3W &	16,408.00
Masters Petroleum Inc.	5/5/2015	Fuel NY, GSP00789 - Masters Petroleum I	10,000.00
Matthew Brennan	9/15/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	12,664.50
McAlpin Industries Inc	9/1/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	12,512.40
McDonalds Corp	9/8/2015	Existing Facilities Program, EFP2419 - McDonalds; multi	58,304.64
McMahon and Mann Consulting Engineers	5/20/2015	West Valley Development Program, Engineering/Surveying Cont	50,000.00
McWane, Inc	7/30/2015	Industrial Process Efficiency Program, Indusrial Process Efficiency	135,000.00
Mercy College	7/9/2015	New Construction Program, NCP12143 - Mercy College Resid	42,288.00
Mesa Bioenergy Supply, LLC	8/3/2015	Renewable Heat NY, Biomass Drying Demo	223,600.00
Michael Leuze	7/7/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	4,356.00
Michael Pitcavage	8/7/2015	New York Sun Program, NY-Sun	5,202.00
MicroGen Systems, Inc.	4/6/2015	Clean Transportation, Self powered TPMS	454,700.00
Mill Rock Owners Corp	6/16/2015	Multifamily Performance Program, Multifamily	201,500.00
Miller's Organic Dairy	8/21/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	457.12
Milliman, Inc.	6/18/2015	Administration OH, GASB 45 03.31.15 Full Valuatio	11,500.00
mindSHIFT Technologies, Inc.	4/22/2015	Administration OH, Corporate Marketing	226,486.00
MJJ Builders Corp	7/23/2015	Home Performance with Energy Star, Codes & New Construction	20,500.00
		New York ENERGY STAR Homes, Codes & New Construction	184,500.00
	7/30/2015	Home Performance with Energy Star, Codes & New Construction	22,750.00
	1700/2010	New York ENERGY STAR Homes, Codes & New Construction	204,750.00
MJW Technical Services, Inc.	6/2/2015	Radiation Protection Support	80,000.00
1001111001100010000, 1110.	GIZIZO IO	West Valley Development Program, Radiation Protection Support	147,211.00
Modern Grid Solutions	7/29/2015	Energy Analysis, Support MDPT working group	40,000.00
Mohawk Adirondack & Northern RR Corp.	6/3/2015		25,000.00
monawk Adirondack & Northern KK Corp.	0/3/2013	Clean Transportation, Locomotive Idle Reduction Prog Locomotive Idle Reduction Prog	25,000.00
Mahauda Danas Milla Jan	4/4.4/2045	Ü	
Mohawk Paper Mills, Inc.	4/14/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	46,286.11
Mohonasen Central School District	8/19/2015	New Construction Program, NCP12899 - Mohonasen Middle Sc	7,545.00
Moise Safra Community Center Inc	8/14/2015	New Construction Program, NCP12117 - Moise Safra Communi	36,123.00
Moishe Taub	8/24/2015	Multifamily Performance Program, Multifamily	77,000.00
Molloy College	9/22/2015	Cleaner Greener Communities, CGC42044 - Molloy College	2,395,248.00
Monolith Solar Associates, LLC	4/6/2015	New York Sun Program, NY-Sun	6,832.00
	4/7/2015	New York Sun Program, NY-Sun	87,462.00
	4/15/2015	New York Sun Program, NY-Sun	507,190.00
	4/21/2015	New York Sun Program, NY-Sun	2,805.00
	4/27/2015	New York Sun Program, NY-Sun	304,314.00
	4/28/2015	New York Sun Program, NY-Sun	357,303.00
	5/1/2015	New York Sun Program, NY-Sun	10,738.00
	5/5/2015	New York Sun Program, NY-Sun	37,072.00
	5/11/2015	New York Sun Program, NY-Sun	5,336.00
	5/14/2015	New York Sun Program, NY-Sun	178,112.00
	5/15/2015	New York Sun Program, NY-Sun	11,550.00
	5/21/2015	New York Sun Program, NY-Sun	202,876.00
	5/22/2015	New York Sun Program, NY-Sun	101,438.00
	5/27/2015	New York Sun Program, NY-Sun	12,705.00
	5/28/2015	New York Sun Program, NY-Sun	35,420.00
	5/29/2015	New York Sun Program, NY-Sun	534,336.00

Contractor	Contract Executed Date	Project Description	Total Contract Amount
Monolith Solar Associates, LLC	6/1/2015	New York Sun Program, NY-Sun	445,280.00
	6/2/2015	New York Sun Program, NY-Sun	6,465.00
	6/3/2015	New York Sun Program, NY-Sun	6,178.00
	6/4/2015	New York Sun Program, NY-Sun	15,593.00
	6/8/2015	New York Sun Program, NY-Sun	6,160.00
	6/9/2015	New York Sun Program, NY-Sun	40,674.00
	6/10/2015	New York Sun Program, NY-Sun	1,218,202.00
	6/11/2015	New York Sun Program, NY-Sun	267,168.00
	6/16/2015	New York Sun Program, RES-New Const & Adv Tech	16,200.00
	6/17/2015	New York Sun Program, NY-Sun	89,056.00
	6/18/2015	New York Sun Program, NY-Sun	2,722,132.00
	6/19/2015	New York Sun Program, NY-Sun	89,056.00
	6/22/2015	New York Sun Program, NY-Sun	42,354.00
	6/23/2015	New York Sun Program, NY-Sun	2,235,928.00
	7/1/2015	New York Sun Program, NY Sun	11,165.00
		New York Sun Program, NY-Sun	14,245.00
	7/8/2015	New York Sun Program, NY-Sun	44,994.00
	7/9/2015	New York Sun Program, NY-Sun	276,421.00
	7/13/2015	New York Sun Program, NY-Sun	789,020.00
	7/14/2015	New York Sun Program, NY-Sun	153,348.00
	7/15/2015	New York Sun Program, NY-Sun	166,053.00
	7/16/2015	New York Sun Program, PV Incentive Program	6,738.00
	7/17/2015	New York Sun Program, NY-Sun	616,804.00
	7/21/2015	New York Sun Program, NY-Sun	1,110,582.00
	7/22/2015	New York Sun Program, NY-Sun	18,865.00
	7/23/2015	New York Sun Program, NY-Sun	242,404.00
	7/27/2015	New York Sun Program, NY-Sun	21,175.00
	7/28/2015	New York Sun Program, NY-Sun	1,150,110.00
	7/29/2015	New York Sun Program, NY-Sun	76,674.00
	7/30/2015	New York Sun Program, NY-Sun	6,076.00
	7/31/2015	New York Sun Program, NY-Sun	1,793,030.00
	8/6/2015	New York Sun Program, NY-Sun	153,348.00
	8/10/2015	New York Sun Program, NY-Sun	1,776,356.00
	8/11/2015	New York Sun Program, NY-Sun	12,513.00
	8/12/2015	New York Sun Program, NY-Sun	279,550.00
	8/13/2015	New York Sun Program, NY-Sun	541,232.00
	8/18/2015	New York Sun Program, NY-Sun	153,348.00
	8/19/2015	New York Sun Program, NY-Sun	16,302.00
	8/20/2015	New York Sun Program, NY-Sun	328,774.00
	8/26/2015	New York Sun Program, NY-Sun	258,914.00
	9/2/2015	New York Sun Program, NY-Sun	5,040.00
	9/8/2015	New York Sun Program, NY-Sun	11,826.00
	9/10/2015	New York Sun Program, NY-Sun	6,642.00
	9/15/2015	New York Sun Program, NY-Sun	64,292.00
	9/23/2015	New York Sun Program, NY-Sun	5,208.00
	9/25/2015	New York Sun Program, NY-Sun	153,348.00
Montague Pierrepont Apartments LLC	8/7/2015	Multifamily Performance Program, Multifamily	86,000.00
Montefiore Medical Center	4/6/2015	Combined Heat and Power, CHP Performance Program	4,800,000.00
Morgan Brookwood LLC	5/26/2015	Multifamily Performance Program, Multifamily	16,000.00
Morgan Grecian Gardens Apts, LLC	9/4/2015	Multifamily Performance Program, Multifamily	120,150.00
Mount Sinci Medical Center	7/7/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	11,177.94
Mount Sinai Medical Center	4/7/2015	Existing Facilities Program, EFP2210 - Mt. Sinai Medical Ce	344,682.00
Mount Sinai Queens	9/4/2015	New Construction Program, NCP11594 - New Building and Cl	63,031.00
Move Systems, Inc.	9/28/2015	Clean Transportation, food truck charging pedestal	200,000.00
MPL Incorporated	6/16/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	14,336.88
MSLP II LLC	4/8/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	174,544.56

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Mundo Latino Market Inc.	5/1/2015	New Construction Program, NCP12722 - Mundo Latino Market	15,850.00
Nalge Nunc International Corp.	5/12/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	12,655.37
NanoAnalytics Inc.	8/24/2015	Renewable Heat NY, Wood combustion nanoparticles	159,700.00
NASEO	7/7/2015	Administration OH, NASEO Membership & Dues 2016	13,991.12
Nassau County, Dept. of Public Works	7/22/2015	Smart Grid Systems, Village of East Rockaway	100,000.00
Natale Builders	5/27/2015	Home Performance with Energy Star, Codes & New Construction	8,000.00
	7/8/2015	Home Performance with Energy Star, Codes & New Construction	9,000.00
Nathaniel General Contractors	4/13/2015	Home Performance with Energy Star, RES-New Const & Adv Tech	15,100.00
		New York ENERGY STAR Homes, RES-New Const & Adv Tech	135,900.00
NationalGrid Energy Management, LLC	4/6/2015	New York Sun Program, NY-Sun	43,570.00
	4/16/2015	New York Sun Program, NY-Sun	87,000.00
	4/21/2015	New York Sun Program, NY-Sun	360.00
	6/4/2015	New York Sun Program, NY-Sun	19,440.00
	6/22/2015	New York Sun Program, NY-Sun	87,000.00
	7/22/2015	New York Sun Program, NY-Sun	92,165.00
	9/8/2015	New York Sun Program, NY-Sun	3,795.00
Natural Capitalism Solutions, Inc.	5/14/2015	Smart Grid Systems, NY Prize Town of East Hampton	100,000.00
Natural History Museum of the Adirondack	8/24/2015	Advanced Buildings, Retrofit Hi-Eff Wood Heat Sys	39,480.00
NaviSite, Inc.	5/13/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	12,710.85
	8/24/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	690.75
NBC Universal LLC	4/24/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	244,429.05
NECEC Institute	5/6/2015	Innovation Capacity & Business Development, Cleantech Navigate Nort	250,000.00
NESCAUM	4/13/2015	Environmental Research, Analysis of Res Wood Heating	49,925.00
	8/7/2015	Renewable Heat NY, Next Gen Test Methods Research	499,500.00
	9/11/2015	Renewable Heat NY, Wood Pellet Standard	349,405.00
NESEA	8/20/2015	Multifamily Performance Program, NESEA BuildingEnergy NYC Conf	12,500.00
Network Experts of New York, Inc.	5/18/2015	Administration OH, Off-Site Backup Replication	12,000.00
,	8/10/2015	Administration OH, Contract Project Manager	196,650.00
	9/16/2015	Administration OH, Helpdesk Technician	103,950.00
New 56th and Park NY Owner LLC	5/15/2015	New Construction Program, NCP10655 - 432 Park Avenue	759,398.00
New Buildings Institute, Inc.	6/22/2015	Advanced Energy Codes, Energy Code Support Services	199,926.00
New Energy Equity LLC	7/27/2015	Commercial/Industrial	548,944.73
Now Ellot gy Equity EES	772772010	Commercial/Industrial -	853,066.79
New Hope View Farm	5/14/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	75,232.02
New Hope view Faith	8/20/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	82,781.25
New Moon Farms	4/3/2015		21,656.91
New York City DOT	4/29/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Cleaner Greener Communities, CGC29967 - NYCDOT - Category 3	2,137,500.00
New York City Energy Efficiency Corp	7/9/2015	,	96,000.00
New Tork Oily Energy Emiciency Corp		Green Jobs Green New York Revolving Loan Fund, Multifamily	31,980.00
New York Container Terminal LLC	7/27/2015	Green Jobs Green New York Revolving Loan Fund, Multifamily	
New York Container Terminal, LLC	5/8/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	286,036.60
New York Marriott Marquis	8/6/2015	Existing Facilities Program, EFP1918-Marriott Hotel Srvs. I	18,467.26
New York Power Authority	6/18/2015	Flexible Technical Assistance Program, FlexTech MOU NYSERDA-NY	337,202.50
	6/23/2015	Flexible Technical Assistance Program, FlexTech MOU NYSERDA-NY	76,041.50
	7/3/2015	Flexible Technical Assistance Program, FlexTech MOU NYSERDA-NY	115,693.00
	7/6/2015	Flexible Technical Assistance Program, FlexTech MOU NYSERDA-NY	57,500.00
	7/28/2015	Flexible Technical Assistance Program, FlexTech MOU NYSERDA-NY	143,500.00
	8/5/2015	Flexible Technical Assistance Program, FlexTech MOU NYSERDA-NY	375,940.74
		FlexTech MOU NYSERDA-NYPA	76,380.00
	8/21/2015	Flexible Technical Assistance Program, FlexTech MOU NYSERDA-NY	62,513.00
	8/24/2015	Flexible Technical Assistance Program, FlexTech MOU NYSERDA-NY	279,087.50
		FlexTech MOU NYSERDA-NYPA	45,855.50
	9/17/2015	Flexible Technical Assistance Program, FlexTech MOU NYSERDA-NY	39,281.00
New York Presbyterian Hospital	5/19/2015	New Construction Program, NCP12440 - NYP CHONY Bundle	57,636.00
New York Restoration Project	4/8/2015	Greening the Bronx, Greening The Bronx	2,249,823.00
New York State Solar Farm Inc.	4/15/2015	New York Sun Program, NY-Sun	5,723.00
	4/16/2015	New York Sun Program, NY-Sun	5,494.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amour
New York State Solar Farm Inc.	5/1/2015	New York Sun Program, NY-Sun	5,036.0
	5/5/2015	New York Sun Program, NY-Sun	7,035.0
	5/14/2015	New York Sun Program, NY-Sun	8,240.0
	5/15/2015	New York Sun Program, NY-Sun	9,030.0
	5/21/2015	New York Sun Program, NY-Sun	88,100.0
	5/28/2015	New York Sun Program, NY-Sun	5,265.0
	6/10/2015	New York Sun Program, NY-Sun	6,867.0
	6/23/2015	New York Sun Program, NY-Sun	7,325.0
	7/7/2015	New York Sun Program, NY-Sun	16,226.0
	7/21/2015	New York Sun Program, NY-Sun	7,325.0
	8/17/2015	New York Sun Program, NY-Sun	5,494.0
	9/9/2015	New York Sun Program, NY-Sun	11,772.0
ew York University	4/8/2015	Innovation Capacity & Business Development, Clean Tech Transition 4	400,000.0
	5/21/2015	New Construction Program, NCP11464 - Center for Urban Sc	984,583.0
lexant, Incorporated	4/1/2015	Industrial Process Efficiency Program, Technical Review and Program S	1,189.0
	4/8/2015	Existing Facilities Program, Technical Review and Program S	49,458.0
	4/29/2015	Existing Facilities Program, Technical Review and Program S	1,419.0
	5/12/2015	Industrial Process Efficiency Program, Technical Review and Program S	13,067.0
	5/26/2015	Industrial Process Efficiency Program, Technical Review and Program S	26,485.6
	7/7/2015	Existing Facilities Program, Technical Review and Program S	7,467.0
	7/15/2015	Existing Facilities Program, Technical Review and Program S	51,841.0
	8/6/2015	Existing Facilities Program, Technical Review and Program S	504.0
	8/14/2015	Industrial Process Efficiency Program, Technical Review and Program S	4,012.0
	9/4/2015	Existing Facilities Program, Technical Review and Program S	38,093.0
	9/8/2015	Existing Facilities Program, Technical Review and Program S	6,444.0
extera Energy Capital Holdings Inc	4/1/2015	NY Sun- Competitive PV, PV System @ Liverpool Central	1,080,402.0
oxtora Energy Supriar Holdings inc	5/7/2015	NY Sun- Competitive PV, PV System @ Oneida County Sutl	2,166,250.0
	5/14/2015	NY Sun- Competitive PV, PV System - Oneida County Sutl	1,653,538.0
			430,914.0
	5/18/2015 5/19/2015	NY Sun- Competitive PV, PV System @ Macy's Nanuet	142,114.0
	5/19/2015	Residential PV, PV System @ Macy's Cross Count	
	E/26/201E	Residential PV, PV System @ Macy's White Plain	188,239.0
	5/26/2015	NY Sun- Competitive PV, PV System @ Conmed Corporation	2,384,730.0
		NY Sun- Competitive PV, PV System @ Mohawk Paper Mills	1,101,113.0
		NY Sun- Competitive PV, PV System @ Union College	838,122.0
		NY Sun- Competitive PV, PV System @ Vulcraft of NY - T	1,453,956.0
	6/19/2015	NY Sun- Competitive PV, New York Sun Competitive PV Pr	2,179,663.0
	7/30/2015	NY Sun- Competitive PV, NY Sun	2,710,125.0
frastructure	7/29/2015	Administration OH, DL380 Gen 9 - VDI Server	88,254.4
	9/16/2015	Administration OH, VDI Switches	21,752.2
liagara Falls Bridge Comm.	5/15/2015	New Construction Program, NCP12433 - Duty Free Shop	17,293.0
liagara Frontier Transportation Authorit	4/24/2015	Integrated Corridor Management	299,955.0
liagara Wind & Solar Inc.	5/22/2015	Small Wind, Wind Turbine Incentive	233,300.0
	7/28/2015	Small Wind, Wind Turbine Incentive	221,499.0
	7/30/2015	Small Wind, Wind Turbine Incentive	50,000.0
IIC Holding Corp	6/15/2015	Data and Markets, NYS Strategic Gasoline Reserve	475,000.0
ichols Farm	5/11/2015	New Construction Program, NCP12742 - Milking Parlor	9,487.0
lite Homes HDFC	5/26/2015	Multifamily Performance Program, Multifamily	1,300.0
lixon Peabody LLP	9/4/2015	New York Green Bank, Green Bank Outside Legal Serv.	4,545.9
omura Holding America Inc	7/22/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	123,759.5
oresco LLC	6/26/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	81,192.0
	7/1/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	10,186.0
	7/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	16,610.0
	8/3/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	48,513.3
	8/6/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	7,150.0
	9/16/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	13,473.0
North 751 Realty Corp	5/26/2015	Multifamily Performance Program, Multifamily	9,400.0

Contract Executed Date	Project Description	Total Contrac Amoun
8/6/2015	Anaerobic Digester Program, North Harbor Dairy LLC	2,000,000.00
8/18/2015	Cleaner Greener Communities, CGC39588 - Riverdale	100,000.00
5/11/2015	Administration OH, Warranty & Supplies for Copier	5,095.00
6/24/2015	Advanced Energy Codes, NEEP's 2015 Sponsorship	7,500.00
	Energy Analysis, NEEP's 2015 Sponsorship	9,500.00
	Market Pathways, NEEP's 2015 Sponsorship	78,500.00
	Multifamily Performance Program, NEEP's 2015 Sponsorship	4,500.00
7/9/2015	Market Pathways, NEEP Sponsorship for Controls	33,300.00
8/12/2015	Existing Facilities Program, NEEP Sponsorship for DLC	50,000.00
9/22/2015	Evaluation, Evaluation, Measurement and Ve	193,662.00
4/15/2015	New York Sun Program, NY-Sun	14,000.00
4/14/2015	Environmental Research, Energy Related Air Quality	212,678.00
6/30/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	100,000.00
5/4/2015	New York Sun Program, NY-Sun	7,980.00
6/8/2015	New York Sun Program, NY-Sun	5,110.00
8/5/2015	New York Sun Program, NY-Sun	11,778.00
9/22/2015	New York Sun Program, NY-Sun	14,064.00
4/9/2015	Innovation Capacity & Business Development, Advanced Clean Power	493,110.00
5/4/2015	New Construction Program, NCP TA Services	3,274.62
6/4/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	12,211.24
7/22/2015	Smart Grid Systems, City of Long Beach, NY Prize	100,000.00
	Smart Grid Systems, City of Yonkers, NY Prize	100,000.00
	Smart Grid Systems, Town of New Windsor NY Prize	100,000.00
4/6/2015	New York Sun Program, NY-Sun	16,779.00
4/8/2015	New York Sun Program, NY-Sun	11,781.00
4/9/2015	New York Sun Program, NY-Sun	11,463.00
4/10/2015	New York Sun Program, NY-Sun	21,434.00
4/14/2015	New York Sun Program, NY-Sun	65,695.00
4/15/2015	New York Sun Program, NY-Sun	39,880.00
4/16/2015		10,888.00
4/17/2015	New York Sun Program, NY-Sun	22,019.00
4/21/2015	New York Sun Program, NY-Sun	33,951.00
		5,661.00
4/22/2015		16,748.00
4/23/2015	New York Sun Program, NY-Sun	32,350.00
4/27/2015	New York Sun Program, NY-Sun	31,644.00
4/28/2015		10,353.00
4/29/2015		18,149.00
		5,038.00
5/1/2015		24,140.00
5/4/2015		19,669.00
		6,605.00
5/5/2015		7,140.00
	5 .	38,315.00
	-	5,534.00
		12,395.00
	<u> </u>	13,576.00
		17,850.00
		17,367.00
	-	21,577.00
		56,267.00
	5	8,372.00
5/20/2015	-	7,658.00
5/24/204 <i>E</i>		5,051.00
		8,372.00
5/28/2015	New FOR Sun Program, NY-Sun	45,996.00
	Executed Date 8/6/2015 8/18/2015 5/11/2015 6/24/2015 7/9/2015 8/12/2015 4/15/2015 4/14/2015 6/8/2015 8/5/2015 8/5/2015 8/5/2015 8/6/2015 5/4/2015 6/8/2015 4/9/2015 5/4/2015 4/9/2015 4/10/2015 4/10/2015 4/10/2015 4/10/2015 4/10/2015 4/10/2015 4/10/2015 4/10/2015 4/10/2015 4/10/2015 4/10/2015 4/12015 4/12015 4/12015 4/12015 4/12015 4/12015 4/12015 4/12015 4/12015 4/12015 4/21/2015 4/22/2015 4/22/2015 4/22/2015 4/29/2015 4/29/2015	Biscuted Data Anaerobic Digester Program, North Harbor Dairy LLC 8/18/2015

Contractor	Contract Executed Date	Project Description	Total Contract Amount
NRG Residential Solar Solutions, LLC	5/29/2015	New York Sun Program, NY-Sun	38,303.00
	6/1/2015	New York Sun Program, NY-Sun	38,557.00
	6/2/2015	New York Sun Program, NY-Sun	14,651.00
	6/3/2015	New York Sun Program, NY-Sun	18,477.00
	6/4/2015	New York Sun Program, NY-Sun	29,142.00
	6/8/2015	New York Sun Program, NY-Sun	62,672.00
	6/10/2015	New York Sun Program, NY-Sun	36,386.00
	6/11/2015	New York Sun Program, NY-Sun	11,595.00
	6/12/2015	New York Sun Program, NY-Sun	12,041.00
	6/16/2015	New York Sun Program, NY-Sun	6,426.00
	6/17/2015	New York Sun Program, NY-Sun	17,100.00
	6/19/2015	New York Sun Program, NY-Sun	12,049.00
	6/23/2015	New York Sun Program, NY-Sun	7,497.00
	6/24/2015	New York Sun Program, NY-Sun	6,906.00
	6/25/2015	New York Sun Program, NY-Sun	20,535.00
	6/26/2015	New York Sun Program, NY-Sun	10,098.00
	6/29/2015	New York Sun Program, NY-Sun	16,788.00
	7/2/2015	New York Sun Program, NY-Sun	5,332.00
	7/9/2015	New York Sun Program, NY-Sun	21,792.00
	7/10/2015	New York Sun Program, NY-Sun	15,864.00
	7/15/2015	New York Sun Program, NY-Sun	17,858.00
	7/20/2015	New York Sun Program, NY-Sun	12,339.00
	7/21/2015	· ·	15,321.00
		New York Sun Program, NY-Sun	
	7/23/2015	New York Sun Program, NY-Sun	96,676.00
	7/24/2015	New York Sun Program, NY-Sun	34,666.00
	7/27/2015	New York Sun Program, NY-Sun	16,568.00
	7/29/2015	New York Sun Program, NY-Sun	6,435.00
	8/3/2015	New York Sun Program, NY-Sun	7,095.00
	8/4/2015	New York Sun Program, NY-Sun	19,081.00
	8/6/2015	New York Sun Program, NY-Sun	34,150.00
	8/7/2015	New York Sun Program, NY-Sun	20,989.00
	8/12/2015	New York Sun Program, NY-Sun	20,790.00
	8/14/2015	New York Sun Program, NY-Sun	34,831.00
	8/19/2015	New York Sun Program, NY-Sun	25,190.00
	8/24/2015	New York Sun Program, NY-Sun	31,284.00
	8/27/2015	New York Sun Program, NY-Sun	25,422.00
	9/17/2015	New York Sun Program, NY-Sun	18,535.00
NRP Contractors LLC	4/13/2015	Home Performance with Energy Star, RES-New Const & Adv Tech	11,850.00
		New York ENERGY STAR Homes, RES-New Const & Adv Tech	106,650.00
NY SunEdison Residential Services LLC	8/26/2015	New York Sun Program, NY-Sun	5,508.00
	9/24/2015	New York Sun Program, NY-Sun	6,926.00
NY Susquehanna & Western Railway	7/3/2015	Clean Transportation, PON 2982: Locomotive Idle Redu	25,000.00
		PON 2982: Locomotive Idle Redu	25,000.00
	8/20/2015	Clean Transportation, PON 2982: Locomotive Idle Redu	30,998.14
		PON 2982: Locomotive Idle Redu	9,001.86
NYC Partnership Housing Dev. Fund Co.	6/30/2015	Multifamily Performance Program, Multifamily	29,786.00
	7/22/2015	Multifamily Performance Program, Multifamily	50,000.00
	8/7/2015	Multifamily Performance Program, Multifamily	74,000.00
	8/31/2015	Multifamily Performance Program, Multifamily	211,285.50
	9/29/2015	Multifamily Performance Program, Multifamily	92,700.00
NYCO Minerals Incorporated	4/7/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	56,363.64
NYS Department of Education	6/16/2015	New Construction Program, NCP11903 - Ellicottville CSD G	15,413.00
NYS Economic Development Council	4/28/2015	Cleaner Greener Communities, EDGE Program Support Services	174,946.00
	5/4/2015	Cleaner Greener Communities, EDGE Territory 1	456,375.00
		Cleaner Greener Communities, EDGE Territory 2	343,125.00
NYS Forum for IRM	9/16/2015	Administration OH, NYS Forum Membership - renewal	5,500.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amour
NYS Office of General Services	6/16/2015	Saratoga Technology + Energy Park, Permitting Services, GE, 107 H	11,500.0
		Saratoga Technology + Energy Park, STEP	20,449.0
NYS OGS Utilities Management	5/27/2015	Environmental Research, Support for finalizing SGEIS	1,100,732.0
		Innovation, Support for finalizing SGEIS	78,653.0
NYU Hospital Center	9/3/2015	Combined Heat and Power, CHP Performance Program	2,400,000.0
O'Brien & Gere Engineers, Inc.	5/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	90,283.4
O'Connell Electric Company	4/27/2015	New York Sun Program, NY-Sun	2,318.0
	5/22/2015	New York Sun Program, NY-Sun	7,056.0
	5/27/2015	New York Sun Program, NY-Sun	17,500.0
	6/10/2015	New York Sun Program, NY-Sun	19,800.0
	6/11/2015	New York Sun Program, NY-Sun	5,880.0
	6/23/2015	New York Sun Program, NY-Sun	8,579.0
	7/7/2015	New York Sun Program, NY-Sun	6,300.0
	7/8/2015	New York Sun Program, NY-Sun	7,581.0
	8/13/2015	New York Sun Program, NY-Sun	18,000.0
	8/14/2015	New York Sun Program, NY-Sun	5,700.0
	8/17/2015	New York Sun Program, NY-Sun	8,550.0
	8/18/2015	New York Sun Program, NY-Sun	15,000.0
	8/21/2015	New York Sun Program, NY-Sun	5,472.0
	9/9/2015	New York Sun Program, NY-Sun	5,130.0
Dak Hill Terrace Apartments LLC	7/9/2015	Multifamily Performance Program, Multifamily	19,250.0
OGS State Office Building Campus	6/12/2015	Saratoga Technology + Energy Park, STEP	12,364.0
DLA Consulting Engineers, P.C.	5/1/2015	Combined Heat and Power, FlexTech Consultant Selection	11,600.0
		Flexible Technical Assistance Program, FlexTech Consultant Selection	14,912.5
	6/2/2015	NCP TA Services - OLA 20136	30,050.0
		New Construction Program, NCP TA Services - OLA 20136	35,050.0
	6/11/2015	New Construction Program, NCP TA Services - OLA 20136	15,120.0
	9/4/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	39,830.0
Old Dalton Farm, LLC	7/20/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	14,289.6
Olin Corporation	7/1/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	10,882,590.0
Omni Housing Development LLC	9/16/2015	Home Performance with Energy Star, Codes & New Construction	18,600.0
		New York ENERGY STAR Homes, Codes & New Construction	167,400.0
Omniafiltra	4/20/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	140,039.7
Once Again Nut Butter	4/7/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	43,823.2
once Again Nut Butter	8/20/2015	New Construction Program, NCP11925 - Once Again Nut Butt	10,450.0
OnForce Solar		New York Sun Program, NY-Sun	7,783.0
one solal	4/14/2015		9,212.0
	4/15/2015	New York Sun Program, NY-Sun	
	4/27/2015	New York Sun Program, NY-Sun	17,480.0
	4/29/2015	New York Sun Program, NY Sun	5,232.0
	5/1/2015	New York Sun Program, NY-Sun	76,900.0
	5/18/2015	New York Sun Program, NY-Sun	78,080.0
	5/27/2015	New York Sun Program, NY-Sun	5,460.0
	6/3/2015	New York Sun Program, NY-Sun	5,494.0
	6/4/2015	New York Sun Program, NY-Sun	5,036.0
	6/8/2015	New York Sun Program, NY-Sun	5,723.0
	7/2/2015	New York Sun Program, NY Sun	5,250.0
Ontario County	5/27/2015	New Construction Program, NCP12865 - FLCC Geneva Campus	29,488.0
Operation Brain Freeze Cicero LLC	6/10/2015	New Construction Program, NCP13066 - Dairy Queen Cicero	5,475.0
Opinion Dynamics Corporation	5/26/2015	Evaluation, Commercial Statewide Baseline	5,741,667.0
Optimal Energy Inc.	8/6/2015	Emerging Technology / Accelerated Commercializatio, Energy Savings	4,234.0
Optimized Thermal Systems Inc.	7/20/2015	Advanced Buildings, Energy Storage for Cooling	76,420.9
Oracle America, Inc.	4/15/2015	Administration OH, Oracle Licenses User Productiv	8,707.1
Orange Regional Medical Center	9/29/2015	New Construction Program, NCP12977 - ORMC Physicians Off	149,548.0
Orchard Park Central School District	4/15/2015	Clean Transportation, Clean Air School Bus Program.	13,600.0
Ortho Clinical Diagnostics, Inc.	4/22/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	19,172.4

Contractor	Contract Executed Date	Project Description	Total Contract Amount
P & A Reckess	9/16/2015	Multifamily Performance Program, Multifamily	43,700.00
P&T Murphy Service Inc.	5/26/2015	Fuel NY, GSP00707 - P&T Murphy Services	13,000.00
Pace University	5/15/2015	New Construction Program, NCP12269 - Pace Residence Hall	328,968.00
		New Construction Program, NCP12799 - Field House	27,156.00
Pace University Energy & Climate Center	4/6/2015	Combined Heat and Power, Logistic Support for CHP	600,000.00
Paradise Energy Solutions, LLC	4/23/2015	New York Sun Program, NY-Sun	19,992.00
	4/29/2015	New York Sun Program, NY-Sun	10,416.00
	5/4/2015	New York Sun Program, NY-Sun	6,944.00
	5/5/2015	New York Sun Program, NY-Sun	39,634.00
	5/22/2015	New York Sun Program, NY-Sun	6,272.00
	6/4/2015	New York Sun Program, NY-Sun	26,880.00
	6/19/2015	New York Sun Program, NY-Sun	7,812.00
	7/7/2015	New York Sun Program, NY-Sun	6,468.00
	9/2/2015	New York Sun Program, NY-Sun	30,482.00
Park South Tenants Corp.	5/14/2015	Multifamily Performance Program, Multifamily	77,250.00
Parkview Apartments of Buffalo, LLC	9/3/2015	Multifamily Performance Program, Multifamily	26,000.00
Pathfinder Engineers & Architects, LLP	4/20/2015	New Construction Program, Technical Assistance Services	13,279.00
		Technical Assistance Services	8,279.00
	6/2/2015	New Construction Program, Technical Assistance Services	10,440.50
		Technical Assistance Services	5,440.50
	7/3/2015	New Construction Program, Technical Assistance Services	23,734.00
PathStone Development Corporation	7/14/2015	Home Performance with Energy Star, Codes & New Construction	13,500.00
		New York ENERGY STAR Homes, Codes & New Construction	121,500.00
Patriot Energy Solutions Corp	4/14/2015	New York Sun Program, NY-Sun	14,170.00
	4/22/2015	New York Sun Program, NY-Sun	9,936.00
PCMH Gates Housing Development Fund Corp	4/21/2015	Multifamily Performance Program, Multifamily	20,400.00
Pepsi-Cola of the Hudson Valley	7/28/2015	Commercial/Industrial	200,710.57
Petrogas Group	4/7/2015	Fuel NY, GSP00784 - Petrogas Group	10,000.00
Pominvilles Farm	4/6/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	10,374.17
PosiGen LLC	4/8/2015	New York Sun Program, NY-Sun	5,670.00
	5/22/2015	New York Sun Program, NY Sun	5,670.00
	6/8/2015	New York Sun Program, NY-Sun	12,663.00
	6/10/2015	New York Sun Program, NY-Sun	14,000.00
	6/16/2015	New York Sun Program, NY-Sun	8,400.00
	7/7/2015	New York Sun Program, NY-Sun	7,000.00
	7/22/2015	New York Sun Program, NY-Sun	11,200.00
	7/30/2015	New York Sun Program, NY-Sun	7,200.00
	8/21/2015	New York Sun Program, NY-Sun	7,200.00
	9/1/2015	New York Sun Program, NY-Sun	6,000.00
	9/3/2015	New York Sun Program, NY-Sun	6,600.00
	9/9/2015	New York Sun Program, NY-Sun	12,000.00
	9/11/2015	New York Sun Program, NY-Sun	7,260.00
Positive Energy NY, LLC	4/1/2015	New York Sun Program, NY-Sun	6,720.00
	5/4/2015	New York Sun Program, NY-Sun	5,950.00
	5/5/2015	New York Sun Program, NY-Sun	8,400.00
	5/6/2015	New York Sun Program, NY-Sun	6,720.00
	5/12/2015	New York Sun Program, NY-Sun	6,825.00
	5/15/2015	New York Sun Program, NY-Sun	11,772.00
	6/10/2015	New York Sun Program, NY-Sun	9,856.00
	6/18/2015	New York Sun Program, NY-Sun	11,648.00
	6/23/2015	New York Sun Program, NY-Sun	6,825.00
	7/6/2015	New York Sun Program, NY-Sun	5,096.00
	7/7/2015	New York Sun Program, NY-Sun	6,160.00
	7/21/2015	New York Sun Program, NY-Sun	5,600.00
	8/14/2015	New York Sun Program, NY-Sun	23,144.00
Power Guru, LLC	4/27/2015	New York Sun Program, NY-Sun	10,920.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amour
PowerHub Systems	8/6/2015	Clean Transportation, High Density SiC Power Convert	249,925.0
Premier Solar Solutions LLC	6/18/2015	New York Sun Program, NY-Sun	5,628.0
	8/26/2015	New York Sun Program, NY-Sun	5,952.0
PrimaFilm LLC	6/29/2015	Advanced Buildings, Nano insulating window coating	336,000.0
Promenade Global LLC	6/11/2015	Multifamily Performance Program, Multifamily	95,400.0
Pure Point Energy	5/15/2015	New York Sun Program, NY-Sun	15,015.0
Pyramid Energy Engineering Services PLLC	4/6/2015	Environmental Research, M&V Guidance Doc Development	49,664.0
Pyrus Energy, Inc.	6/18/2015	New York Sun Program, NY-Sun	5,985.0
Quad Graphics, Incorporated	8/19/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	479,163.2
Queensview, Inc.	6/11/2015	Multifamily Performance Program, Multifamily	180,800.0
Quixotic Systems, Inc.	4/28/2015	Renewable Thermal, NY-Sun	114,422.0
	5/20/2015	New York Sun Program, NY-Sun	20,813.0
	7/13/2015	Renewable Thermal, NY-Sun	138,895.0
	7/16/2015	Renewable Thermal, NY-Sun	352,020.0
QwikSolar, LLC	4/7/2015	New York Sun Program, NY-Sun	10,080.0
	4/10/2015	New York Sun Program, NY-Sun	27,090.0
	4/14/2015	New York Sun Program, NY-Sun	10,710.0
	4/16/2015	New York Sun Program, NY-Sun	9,625.0
	4/27/2015	New York Sun Program, NY-Sun	16,800.0
	4/28/2015	New York Sun Program, NY-Sun	10,080.0
	5/1/2015	New York Sun Program, NY-Sun	18,928.0
	5/5/2015	New York Sun Program, NY-Sun	19,656.0
	5/6/2015	New York Sun Program, NY Sun	77,084.0
		New York Sun Program, NY-Sun	6,475.0
	5/8/2015	New York Sun Program, NY-Sun	9,100.0
	5/29/2015	New York Sun Program, NY-Sun	19,680.0
	6/15/2015	New York Sun Program, NY-Sun	23,360.0
	6/16/2015	New York Sun Program, NY-Sun	10,080.0
	7/2/2015	New York Sun Program, NY-Sun	23,842.0
	7/6/2015	New York Sun Program, NY-Sun	7,280.0
	7/7/2015	New York Sun Program, NY-Sun	19,656.0
	7/21/2015	-	17,472.0
		New York Sun Program, NY-Sun	14,560.0
	7/22/2015 7/23/2015	New York Sun Program, NY-Sun	7,280.0
		New York Sun Program, NY-Sun	
	8/10/2015	New York Sun Program, NY-Sun	11,200.0
	8/13/2015	New York Sun Program, NY-Sun	8,736.0
	8/14/2015	New York Sun Program, NY-Sun	7,280.0
	9/1/2015	New York Sun Program, NY-Sun	5,460.0
	9/9/2015	New York Sun Program, NY-Sun	8,400.0
	9/11/2015	New York Sun Program, NY-Sun	24,024.0
	9/17/2015	New York Sun Program, NY-Sun	20,020.0
	9/23/2015	New York Sun Program, NY-Sun	11,232.0
R & B Qualtiy Electric, Inc.	5/26/2015	New York Sun Program, NY-Sun	12,150.0
RadTech International North America Inc.	8/25/2015	Innovation Capacity & Business Development, UV-EB Conference	25,000.0
Rafferty Enterprises, Inc.	4/1/2015	Administration OH, Temp Employee Services	32,954.0
		New York Sun Program, RES-New Const & Adv Tech	18,954.0
	4/17/2015	ADMIN, Multifamily	14,625.0
		Administration OH, Facilities Management	8,250.0
	5/4/2015	ADMIN, Temp Employee	13,650.0
		ADMIN, Temp Employee for NCP	18,954.0
	6/4/2015	Administration OH, Temp Employee Services	27,000.0
	6/8/2015	ADMIN, Temp Services	17,062.5
		Combined Heat and Power, Temp Services	6,825.0
		New York Sun Program, Temp Services	3,412.5
	6/9/2015	Administration OH, Temp Services	21,515.0
	6/11/2015	ADMIN, Temp Employee	6,075.0

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Rafferty Enterprises, Inc.	6/11/2015	ADMIN, Temp Services	21,735.00
		Existing Facilities Program, Temp Employee	2,025.00
	6/22/2015	ADMIN, Temp Employee Services	18,349.50
	7/10/2015	Administration OH, Temp Employee Services	41,000.00
	7/15/2015	Administration OH, Contract Management	18,837.00
	8/4/2015	Administration OH, Temp Employee Services	3,834.94
	8/6/2015	ADMIN, Temp Employee Services	24,738.50
		Existing Facilities Program, Temp Employee Services	14,215.50
	8/17/2015	ADMIN, Temp Services NYC Office	14,127.75
		Existing Facilities Program, Temp Services NYC Office	4,709.25
	9/3/2015	ADMIN, Temp Sercices NYC	15,214.87
		ADMIN, Temp Services NYC Office	20,384.40
		Existing Facilities Program, Temp Sercices NYC	5,071.63
	9/16/2015	ADMIN, Multifamily	265.00
		ADMIN, Temp Employee	20,000.00
		ADMIN, Temp Employee Services	22,000.00
	9/30/2015	ADMIN, Temp Employment Services	5,382.00
		Administration OH, Temp Employee Services	18,954.00
		Combined Heat and Power, Temp Employment Services	10,764.00
		NY Sun, Temp Employment Services	5,382.00
Rainbow Associates LLC	7/9/2015	Multifamily Performance Program, Multifamily	17,700.00
Randy Depew	7/6/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	42,109.31
Rasky Baerlein Strategic Communications	5/19/2015	Administration OH, Communications Services for Re	150,000.00
RE McNamara Enterprise Inc	5/6/2015	New York Sun Program, NY-Sun	6,930.00
Reading Electric Renewable, LLC	7/27/2015	Commercial Industrial	166,011.43
totaling Elocato Rollowable, 220	8/5/2015		27,113.00
	8/26/2015	New York Sun Program, NY-Sun	65,000.00
Real Goods Energy Tech, Inc		New York Sun Program, NY-Sun	13,568.00
Real Goods Ellergy Tech, Ilic	4/14/2015	New York Sun Program, NY Sun	560.00
	4/21/2015	New York Sun Program, NY-Sun	
	5/8/2015	New York Sun Program, NY-Sun	5,292.00
Debuilding Homes LLC	9/8/2015	New York Sun Program, NY-Sun	6,048.00
Rebuilding Homes, LLC	7/20/2015	Home Performance with Energy Star, Codes & New Construction	1,450.00
		New York ENERGY STAR Homes, Codes & New Construction	13,050.00
Red Racer Auto Finishers, Inc.	7/28/2015	Innovation Capacity & Business Development, Ultraviolet and Electron	71,800.00
RED Rochester	6/2/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	43,256.04
Redburn Development Companies, LLC	4/7/2015	Home Performance with Energy Star, RES-New Const & Adv Tech	273,000.00
Regeneron Pharmaceuticals Inc.	9/25/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	35,433.88
Regents of the University of Michigan	5/11/2015	Environmental Research, Cloudwater Chemistry	40,000.00
Regional Economic Models, Inc	7/20/2015	Energy Analysis, REMI Fee and License 8/15-7/16	6,000.00
RenewFund Finance, LLC	9/28/2015	New York Green Bank, Asset Loan & Investment	20,000,000.00
Renovus Energy, Inc.	4/1/2015	New York Sun Program, NY-Sun	10,738.00
	4/3/2015	New York Sun Program, NY-Sun	5,250.00
	4/8/2015	New York Sun Program, NY-Sun	10,800.00
	4/14/2015	New York Sun Program, NY-Sun	131,712.00
	4/22/2015	New York Sun Program, NY-Sun	13,125.00
	5/1/2015	New York Sun Program, NY-Sun	12,740.00
	5/5/2015	New York Sun Program, NY-Sun	11,564.00
	5/6/2015	New York Sun Program, NY-Sun	17,220.00
	5/7/2015	New York Sun Program, NY-Sun	12,152.00
	5/8/2015	New York Sun Program, NY-Sun	71,000.00
	5/13/2015	New York Sun Program, NY-Sun	7,840.00
	5/14/2015	New York Sun Program, NY-Sun	102,500.00
	5/21/2015	New York Sun Program, NY-Sun	102,500.00
	5/26/2015	New York Sun Program, NY-Sun	6,409.00
	5/28/2015	New York Sun Program, NY-Sun	5,460.00
	6/10/2015	New York Sun Program, NY-Sun	27,930.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Renovus Energy, Inc.	6/11/2015	New York Sun Program, NY-Sun	7,644.00
	6/12/2015	New York Sun Program, NY-Sun	12,306.00
	6/15/2015	New York Sun Program, NY-Sun	17,237.00
	6/16/2015	New York Sun Program, NY-Sun	29,245.00
	6/19/2015	New York Sun Program, NY-Sun	17,200.00
	6/24/2015	New York Sun Program, NY-Sun	33,552.00
	6/25/2015	New York Sun Program, NY-Sun	14,976.00
	7/9/2015	New York Sun Program, NY-Sun	11,232.00
	7/13/2015	New York Sun Program, NY-Sun	7,308.00
	7/16/2015	New York Sun Program, NY-Sun	5,148.00
	7/31/2015	New York Sun Program, NY-Sun	13,572.00
	8/7/2015	New York Sun Program, NY-Sun	25,116.00
	8/12/2015	New York Sun Program, NY-Sun	6,552.00
	8/27/2015	New York Sun Program, NY-Sun	31,512.00
	9/17/2015	New York Sun Program, NY-Sun	24,765.00
	9/23/2015	New York Sun Program, NY-Sun	13,572.00
Rensselaer Polytechnic Institute	7/22/2015	Innovation Capacity & Business Development, Ultraviolet and Electron	170,435.00
	8/4/2015	Innovation Capacity & Business Development, Advanced Clean Power	200,000.00
	9/4/2015	Clean Transportation, Modular Aerial Robots	75,000.00
Rensselaer Polytechnic Institute-LRC	8/4/2015	Advanced Buildings, LRC Partners Program	60,000.00
		LRC Partners Program	60,000.00
Research Foundation of CUNY	6/15/2015	Clean Transportation, HPTM Waterborne Transport	112,656.00
		Clean Transportation, Implementing Ecodriving in NYS	29,999.00
		Social media as incident mgmt	111,756.00
esearch Foundation of SUNY	6/2/2015	Advanced Buildings, Behavior Research & Energy Dec	99,936.00
	6/23/2015	Innovation, Roof Integrated Light Weight P	407,741.00
		Workforce Development, Roof Integrated Light Weight P	407,741.00
	8/10/2015	Innovation Capacity & Business Development, Ultraviolet and Electron	99,988.00
	9/28/2015	Renewable Heat NY, College Woodstove design team	74,899.00
Richard E. Gibbs, Ph.D., P.E.	4/1/2015	Environmental Research, env program science advisor	20,000.00
tichardson Center Corporation	5/7/2015	New Construction Program, NCP11581 - Richardson Olmsted	46,000.00
Richfield Springs Central School	4/7/2015	Clean Transportation, Richfield Springs CSD: PON1896	12,858.00
		Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	8,909.25
Richvalley Farms Partnership Ridgewood Bushwick Sr. Citizens Council,	4/6/2015		18,000.00
lagewood Bushwick St. Citizens Council,	6/3/2015	Multifamily Performance Program, Multifamily	58,000.00
Dita Aid Com	6/16/2015	Multifamily Performance Program, Multifamily	318,719.86
Rite Aid Corp	6/19/2015	Existing Facilities Program, EFP1841 - Rite Aid of NY	
River Road Farm & Greenhouses	7/27/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	35,475.00
iverside Center Parcel 2 BIT Associates	5/21/2015	New Construction Program, NCP11157 - Riverside Center	88,392.00
Riverside Dairy, LLC	8/14/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	27,459.18
iverwalk 7 LLC	9/29/2015	NCP11145 - Roosevelt Island 7	116,865.00
		New Construction Program, NCP11145 - Roosevelt Island 7	63,208.00
Robert A. Kanauer Jr.	4/14/2015	New York Sun Program, NY-Sun	28,835.00
obert C. Hassman Jr.	5/5/2015	New York Sun Program, NY-Sun	8,624.00
	5/27/2015	New York Sun Program, NY-Sun	11,760.00
	7/7/2015	New York Sun Program, NY-Sun	20,748.00
	7/30/2015	New York Sun Program, NY-Sun	17,472.00
obert Derector Associates	6/4/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	25,795.00
	7/2/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	21,825.00
obert Nape	9/15/2015	PV Incentive Program	5,579.00
Robert S. Hostetter Jr.	6/10/2015	New York Sun Program, NY-Sun	6,048.00
	6/15/2015	New York Sun Program, NY-Sun	189.00
Robinson 1601 Realty Corp	5/27/2015	Multifamily Performance Program, Multifamily	29,400.00
Roccon Inc	6/2/2015	New Construction Program, NCP12859 - Constantinos Market	17,171.00
Rochester District Heating Cooperative	6/10/2015	Smart Grid Systems, Rochester Community NY Prize	96,933.00
Rochester Institute of Technology	4/10/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	452,146.20
	4/13/2015	Innovation Capacity & Business Development, photocatalytic CO2 redu	50,000.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amour
Rockland Housing Action Coalition, Inc.	7/9/2015	Home Performance with Energy Star, Codes & New Construction	8,350.0
		New York ENERGY STAR Homes, Codes & New Construction	75,150.0
Rocky Mountain Institute	7/27/2015	Energy Analysis, RMI support for REV proceeding	525,000.0
ROCSPOT	4/20/2015	New York Sun Program, Solarize Spring 2015	5,000.0
Roedel Partners Saranac Lake LLC	7/3/2015	New Construction Program, NCP12013 - Hotel Saranac	28,459.0
Roger TenPas	5/14/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	
Rolling Meadows Farm LLC	6/3/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	44,946.5
Rosebud Associates LLC	5/27/2015	Multifamily Performance Program, Multifamily	72,000.0
Rosen Group Properties	4/7/2015	Existing Facilities Program, EFP2481-Rosen Group Properties	65,600.0
Rosenblum Rubin Property Services, LLC	5/22/2015	Saratoga Technology + Energy Park, STEP Property Management Servi	16,267.0
	6/16/2015	Saratoga Technology + Energy Park, STEP Property Management Servi	217,050.0
	8/27/2015	Saratoga Technology + Energy Park, STEP Property Management Servi	11,900.0
Ross Solar Group, LLC	4/14/2015	New York Sun Program, NY-Sun	12,768.0
	5/5/2015	New York Sun Program, NY-Sun	5,494.0
	5/21/2015	New York Sun Program, NY-Sun	13,734.0
	6/3/2015	New York Sun Program, NY-Sun	8,694.0
	6/10/2015	New York Sun Program, NY-Sun	5,494.0
	7/7/2015	New York Sun Program, NY-Sun	12,550.0
	7/27/2015	New York Sun Program, NY-Sun	5,439.0
	7/30/2015	New York Sun Program, NY-Sun	8,015.0
	8/17/2015	New York Sun Program, NY-Sun	6,076.0
	8/20/2015	New York Sun Program, NY-Sun	6,720.0
	9/2/2015	New York Sun Program, NY-Sun	15,400.0
	9/3/2015	New York Sun Program, NY-Sun	6,300.0
Roswell Park Cancer Institute	5/18/2015	New Construction Program, NCP10757 - Clinical Sciences C	105,328.0
Roza 14W LLC	6/16/2015	Flexible Technical Assistance Program, FlexTech Program	42,192.0
RSV, LLC	5/12/2015	New Construction Program, NCP10585 - Rudin West Village	428,932.0
Rudin Management Co. Inc.	6/30/2015	Existing Facilities Program, EFP2334 - Rudin Mgmt - 2 loca	419,750.0
Rural Generation & Wind (Rodney Weaver)	4/10/2015	Small Wind, Wind Turbine Incentive	6,503.0
talai conoration a trina (trouncy trouter,	4/16/2015	New York Sun Program, NY-Sun	6,426.0
	6/7/2015	New York Sun Program, NY-Sun	8,352.0
	7/30/2015	New York Sun Program, NY-Sun	8,352.0
Rural Ulster Preservation Company	8/12/2015	Green Jobs Green New York Revolving Loan Fund, Green Jobs Green	164,019.0
Rush Around Acres	4/6/2015	-	67,282.4
Russell Farms Inc	5/15/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency New Construction Program, NCP12243 - Russell Farms Stora	98,240.0
	6/29/2015	New York Sun Program, Solarize Spring 2015	5,000.0
S2AY Rural Health Network Safari Energy LLC		NY Sun- Competitive PV, PV System @ SE.DMND.333 PH 2.S	224,138.0
Samaritan Hospital of Troy Inc	6/16/2015		5,640.0
Samartan Hospital of Troy Inc	4/8/2015	New Construction Program, NCP12717 - St. Mary's Oncology	29,409.0
Same Cur of Varmont Inc	5/15/2015	New Construction Program, NCP12336 - Samaritan Hospital	
Same Sun of Vermont, Inc	7/8/2015	New York Sun Program, NY-Sun	5,292.0
San-Dar Associates Co.	4/21/2015	Multifamily Performance Program, Multifamily	62,170.0
Sandy 350, LLC	6/11/2015	Multifamily Performance Program, Multifamily	119,000.0
	7/22/2015	Multifamily Performance Program, Multifamily	54,600.0
Saranac Lake Central School	4/24/2015	Environmental Research, Exhaust Stack Upgrade	25,000.0
Save-A-Watt Conservation LLC	9/3/2015	Existing Facilities Program, EFP2486-Save-A-Watt	79,620.3
Scott Shipley	4/14/2015	New York Sun Program, NY-Sun	6,783.0
	5/11/2015	New York Sun Program, NY-Sun	5,488.0
	5/14/2015	New York Sun Program, NY-Sun	5,985.0
	5/27/2015	New York Sun Program, NY-Sun	7,056.0
	6/4/2015	New York Sun Program, NY-Sun	11,970.0
	9/1/2015	New York Sun Program, NY-Sun	5,130.0
SDTC - The Center for Discovery	5/21/2015	New Construction Program, NCP13159 - Maker's Lab/Learnin	6,429.0
Sea Bright Solar, LLC	4/14/2015	New York Sun Program, NY-Sun	9,941.0
	4/29/2015	New York Sun Program, NY-Sun	6,867.0
	5/11/2015	New York Sun Program, NY-Sun	12,296.0
	6/10/2015	New York Sun Program, NY-Sun	42,917.0

Contractor	Contract Executed Date	Project Description	Total Contract Amount
Sea Bright Solar, LLC	7/7/2015	New York Sun Program, NY-Sun	6,867.00
	8/26/2015	New York Sun Program, NY-Sun	5,036.00
	9/1/2015	New York Sun Program, NY-Sun	5,494.00
	9/17/2015	New York Sun Program, NY-Sun	7,004.00
Seal & Design, Inc.	6/24/2015	New Construction Program, NCP12110 - Seal and Design Inc	7,930.00
Seed Renewables Inc.	4/27/2015	New York Sun Program, NY-Sun	5,376.00
	4/29/2015	New York Sun Program, NY-Sun	13,965.00
	7/2/2015	New York Sun Program, NY-Sun	7,980.00
	8/6/2015	New York Sun Program, NY-Sun	5,488.00
	8/26/2015	New York Sun Program, NY-Sun	5,544.00
Selfhelp Community Services, Inc.	4/27/2015	Multifamily Performance Program, Multifamily	77,400.00
,	8/11/2015	Multifamily Performance Program, Multifamily	20,765.00
Selux Corporation	4/7/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	14,939.88
Seneca Nation	7/29/2015	Smart Grid Systems, Cityof Salamanca Seneca Nation	100,000.00
Sentry Group Inc.	8/19/2015		2,101.08
• •		Industrial Process Efficiency Program, Industrial Process Efficiency	
Services for the UnderServed - Mental He	7/29/2015	Multifamily Performance Program, Multifamily	160,800.00
Settlement Housing Fund, Inc.	9/28/2015	Multifamily Performance Program, Multifamily	282,600.00
Seven Springs West LLC	9/14/2015	West Valley Development Program, Operations and Maintenance Sup	715,000.00
Sheland Farms	5/1/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	13,266.74
Shelter Rock Builders, LLC	8/17/2015	Home Performance with Energy Star, Codes & New Construction	5,350.00
		New York ENERGY STAR Homes, Codes & New Construction	48,150.00
Sherwood 370 Lexington LLC	8/11/2015	Flexible Technical Assistance Program, FlexTech Program - Pon 1746	12,750.00
Shurgard Storage Centers LLC	8/7/2015	NCP13152 - Shurgard Storage	46,680.00
		New Construction Program, NCP13152 - Shurgard Storage	67,221.0
Siemens Industry, Inc.	6/16/2015	PV System @ Blue Mountain Midd	112,439.00
		PV System @ Buchanan Verplanck	135,713.00
		PV System @ Furnace Woods Midd	147,317.30
	6/30/2015	PV System @ Frank L. Lindsey E	124,070.00
		PV System @ Henrick Hudson Hig	85,263.00
Sierra Infosys Inc.	8/27/2015	Administration OH, Peoplesoft Support Services	200,000.00
Siteimprove, Inc.	5/6/2015	Administration OH, Siteimprove - Renewal	5,972.00
Sixth Avenue West Associates LLC	4/29/2015	Flexible Technical Assistance Program, FlexTech Program - PON1746	10,025.00
Skipso Limited	5/26/2015	Innovation Capacity & Business Development, Cleantech social network	20,000.00
Skyline Solar Inc.	4/15/2015	New York Sun Program, NY-Sun	9,240.0
	5/14/2015	New York Sun Program, NY-Sun	17,136.00
	6/2/2015	New York Sun Program, NY-Sun	11,424.00
	6/4/2015	New York Sun Program, NY-Sun	10,710.00
	6/8/2015	New York Sun Program, NY-Sun	7,700.00
	7/30/2015	New York Sun Program, NY-Sun	11,628.00
	8/20/2015	New York Sun Program, NY-Sun	9,150.00
	8/26/2015	New York Sun Program, NY-Sun	8,721.00
	9/1/2015	New York Sun Program, NY-Sun	14,445.00
SL Green Management	4/10/2015	Existing Facilities Program, EFP2284 - SL Green Realty Corp	32,546.24
SLGreen	4/21/2015	New Construction Program, NCP13124 - Legal Aid Society o	6,775.00
	5/20/2015	New Construction Program, NCP13123 - Clarfeld Wealth Str	8,060.00
SLR Contracting & Service Company, Inc.	9/14/2015	West Valley Development Program, Operations and Maintenance	1,093,395.45
SmartCloud Inc.	8/6/2015	Advanced Buildings, FastDR from Comm Bldgs	257,600.00
			50,000.00
SmartPower, Inc.	4/15/2015	New York Sun Program, SmartPower Spring '15	17,248.00
Smucker's Energy, LLC	5/18/2015	New York Groon Bank, Market Becoarch for NYCB team	
SNL Financial	8/24/2015	New York Green Bank, Market Research for NYGB team	18,000.00
Snow Belt Housing Company, Inc.	5/26/2015	Multifamily Performance Program, Multifamily	25,472.00
	7/13/2015	Multifamily Performance Program, Multifamily	9,473.00
Solaire Generation Inc.	4/2/2015	New York Sun Program, NY-Sun	91,556.00
	6/17/2015	New York Sun Program, NY-Sun	369,680.00
	0.10.10.0.1.0	N	7 250 00
Solar Alchemy, Inc.	6/2/2015	New York Sun Program, NY-Sun	7,350.00 5,670.00

Solar Alchemy, Inc. 70.01015 New York Sun Program, NY-Sun Solar and Wind FX, Inc. (Chris Schaefer) 64.2015 New York Sun Program, NY-Sun Solar Development Group LLC 41.402015 New York Sun Program, NY-Sun Solar Generation, Inc. 682015 New York Sun Program, NY-Sun 602016 New York Sun Program, NY-Sun 7072016 New York Sun Program, NY-Sun 602016 New York Sun Program, NY-Sun <th>Total Contra Amou</th> <th></th> <th>Project Description</th> <th>Contract Executed Date</th> <th>Contractor</th>	Total Contra Amou		Project Description	Contract Executed Date	Contractor
Solar Development Group LLC	10,080.0	NY-Sun	New York Sun Program, NY-	7/21/2015	Solar Alchemy, Inc.
Solar Development Group LLC	29,760.0	NY-Sun	New York Sun Program, NY-	9/8/2015	
Solar Development Group LLC 414,2015 New York Sun Program, NY-Sun	6,832.0	NY-Sun	New York Sun Program, NY-	6/4/2015	Solar and Wind FX, Inc. (Chris Schaefer)
	9,072.0	NY-Sun	New York Sun Program, NY-	9/3/2015	
6882015 New York Sun Program, NY-Sun 6172015 New York Sun Program, NY-Sun 6172016 New York Sun Program, NY-Sun 772016 New York Sun Program, NY-Sun 772017 New York Sun Program, NY-Sun 772018 New York Sun Program, NY-Sun 772019 New York Sun Program, NY-Sun 772010 New York Sun Program, NY-Sun 772011 New York Sun Program, NY-Sun 772012 New York Sun Program, NY-Sun 772013 New York Sun Program, NY-Sun 772014 New York Sun Program, NY-Sun 772015 New York Sun Program, NY-Sun 772016 New York Sun Program, NY-Sun 772016 New York Sun Program, NY-Sun 772017 New York Sun Program, NY-Sun 772018 New York Sun Program, NY-Sun 772019 New York Sun Program, NY-Sun 772010 New York Sun Program, NY-Sun 772019 New York Sun Program, NY-Sun 772010 New York Sun Program, NY-Sun 772011 New York Sun Program, NY-Sun 772011 New York Sun Program, NY-Sun 772012 New York Sun Program, NY-Sun 772015 New York Sun Program, NY-Sun 772016 New York Sun Program, NY-Sun 772017 New York Sun Program, NY-Sun 772018 New York Sun Program, NY-Sun 772019 New York Sun Program, NY-Sun 772011 New York Sun Program, NY-Sun 772012 New York Sun Program, NY-Sun 772015 New York Sun Program, NY-Sun 772016 New York Sun Program, NY-Sun 772017 New York Sun Program, NY-Sun 772018 New York Sun Program, NY-Sun 772019 New York Sun Program, NY-Sun 772011 New York Sun Program, NY-Sun 772012 New York Sun Program, NY-Sun 772015 New York Sun Program, NY-Sun 772016 New York Sun Program, NY-Sun 772017 New York Sun Program, NY-Sun 772018 New York Sun Program, NY-Sun 772019 New York Sun Program, NY-Sun 772011 New York Sun Program, NY-Sun 772012 New York Sun Program, NY-Sun 772015 New York Sun Program, NY-Sun 772016 New York Sun Program, NY-Sun 772017 New York Sun Program, NY-Sun 772018 New York Sun Pro	61,100.0	NY-Sun	New York Sun Program, NY-	4/14/2015	Solar Development Group LLC
6/10/2015 New York Sun Program, NY-Sun 6/17/2015 New York Sun Program, NY-Sun 7/7/2015 New York Sun Program, NY-Sun 7/7/2015 New York Sun Program, NY-Sun 6/6/2015 New York Sun Program, NY-Sun 6/6/2016 New York Sun Pr	7,503.0	NY-Sun	New York Sun Program, NY-	5/28/2015	Solar Generation, Inc.
6/17/2015 New York Sun Program, NY-Sun	21,777.0	NY-Sun	New York Sun Program, NY-	6/8/2015	
777/2015 New York Sun Program, NY-Sun	6,867.0	NY-Sun	New York Sun Program, NY-	6/10/2015	
7/8/2015 New York Sun Program, NY-Sun	6,405.0	NY-Sun	New York Sun Program, NY-	6/17/2015	
Bi6/2015 New York Sun Program, NY-Sun	6,405.0	NY-Sun	New York Sun Program, NY-	7/7/2015	
877/2015 New York Sun Program, NY-Sun 8/27/2015 New York Sun Program, NY-Sun 8/27/2015 New York Sun Program, NY-Sun 9/8/2015 New York Sun Program, NY-Sun 9/8/2015 New York Sun Program, NY-Sun 6/5/2015 New York Sun Pr	5,124.0	NY-Sun	New York Sun Program, NY-	7/9/2015	
S20/2015 New York Sun Program, NY-Sun	7,320.0	NY-Sun	New York Sun Program, NY-	8/6/2015	
8/27/2015 New York Sun Program, NY-Sun 9/8/2015 New York Sun Program, NY-Sun 9/8/2015 New York Sun Program, NY-Sun 5/5/2015 New York Sun Program, NY-Sun 6/5/2015 New York Sun Pro	5,307.0	NY-Sun	New York Sun Program, NY-	8/7/2015	
98/82015 New York Sun Program, NY-Sun	7,869.0	NY-Sun	New York Sun Program, NY-	8/20/2015	
Af6/2015 New York Sun Program, NY-Sun	11,340.0	NY-Sun	New York Sun Program, NY-	8/27/2015	
SFS/2015 New York Sun Program, NY-Sun	6,405.0	NY-Sun	New York Sun Program, NY-	9/8/2015	
5/8/2015 New York Sun Program, NY-Sun	5,428.0	NY-Sun	New York Sun Program, NY-	4/6/2015	olar Home NJ
5/11/2015 New York Sun Program, NY-Sun	11,021.	NY-Sun	New York Sun Program, NY-	5/5/2015	
5/13/2015 New York Sun Program, NY-Sun	10,032.0	NY-Sun	New York Sun Program, NY-	5/8/2015	
5/18/2015 New York Sun Program, NY-Sun	8,880.	NY-Sun	New York Sun Program, NY-	5/11/2015	
8/5/2015 New York Sun Program, NY-Sun 8/14/2015 New York Sun Program, NY-Sun 4/7/2015 New York Sun Program, NY-Sun 4/7/2015 New York Sun Program, NY-Sun 4/2/2015 New York Sun Program, NY-Sun 5/1/2015 New York Sun Program, NY-Sun 6/1/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun	9,600.	NY-Sun	New York Sun Program, NY-	5/13/2015	
8/14/2015 New York Sun Program, NY-Sun	4,147.	NY-Sun	New York Sun Program, NY-	5/18/2015	
AI7/2015 New York Sun Program, NY-Sun	6,993.	NY-Sun	New York Sun Program, NY-	8/5/2015	
4/22/2015 New York Sun Program, NY-Sun 4/23/2015 New York Sun Program, NY-Sun 5/1/2015 New York Sun Program, NY-Sun 5/1/2015 New York Sun Program, NY-Sun 5/1/2015 New York Sun Program, NY-Sun NY-Sun Incentive Program NY-Sun Incentive Program, NY-Sun 5/11/2015 New York Sun Program, NY-Sun 5/11/2015 New York Sun Program, NY-Sun 5/17/2015 New York Sun Program, NY-Sun 6/1/2015 New York Sun Program, NY-Sun 7/2/2016 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/1/2015 New York Sun Program, NY-Sun 7/1/2015 New York Sun Program, NY-Sun 7/1/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun	5,824.	NY-Sun	New York Sun Program, NY-	8/14/2015	
4/23/2015 New York Sun Program, NY-Sun 4/29/2015 New York Sun Program, NY-Sun 5/1/2015 New York Sun Program, NY-Sun 5/5/2015 New York Sun Program, NY-Sun NY-Sun Incentive Program NY-Sun Incentive Program NY-Sun Program, NY-Sun 5/8/2015 New York Sun Program, NY-Sun 5/8/2015 New York Sun Program, NY-Sun 5/11/2015 New York Sun Program, NY-Sun 5/15/2015 New York Sun Program, NY-Sun 6/15/2015 New York Sun Program, NY-Sun 6/12/2015 New York Sun Program, NY-Sun 6/16/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/23/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/1/2015 New York Sun Program, NY-Sun 7/1/2015 New York Sun Program, NY-Sun 7/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun	9,760.	NY-Sun	New York Sun Program, NY-	4/7/2015	olar Liberty Energy Systems, Inc
4/29/2015 New York Sun Program, NY-Sun 5/1/2015 New York Sun Program, NY-Sun 5/5/2015 New York Sun Program, NY-Sun NY-Sun Incentive Program 5/8/2015 New York Sun Program, NY-Sun 5/11/2015 New York Sun Program, NY-Sun 5/15/2015 New York Sun Program, NY-Sun 5/27/2015 New York Sun Program, NY-Sun 6/14/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/7/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/2/2015 New York	6,832.	NY-Sun	New York Sun Program, NY-	4/22/2015	
5/1/2015 New York Sun Program, NY-Sun 5/5/2015 New York Sun Program, NY-Sun NY-Sun Incentive Program 5/8/2015 New York Sun Program, NY-Sun 5/8/2015 New York Sun Program, NY-Sun 5/11/2015 New York Sun Program, NY-Sun 6/15/2016 New York Sun Program, NY-Sun 6/12/2015 New York Sun Program, NY-Sun 6/12/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/12/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/1/2015 New York Sun Program, NY-Sun 7/1/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Progra	8,967.	NY-Sun	New York Sun Program, NY-	4/23/2015	
5/5/2015 New York Sun Program, NY-Sun NY-Sun Incentive Program 5/8/2015 New York Sun Program, NY-Sun 5/11/2015 New York Sun Program, NY-Sun 5/15/2015 New York Sun Program, NY-Sun 5/27/2015 New York Sun Program, NY-Sun 6/4/2015 New York Sun Program, NY-Sun 6/10/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/23/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun New York Sun Program, NY-Sun	13,909.	NY-Sun	New York Sun Program, NY-	4/29/2015	
NY-Sun Incentive Program 5/8/2015 New York Sun Program, NY-Sun 5/11/2015 New York Sun Program, NY-Sun 5/15/2015 New York Sun Program, NY-Sun 5/27/2015 New York Sun Program, NY-Sun 6/4/2015 New York Sun Program, NY-Sun 6/10/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/23/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/18/2016 New York Sun Program, NY-Sun 7/11/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun	9,760.	NY-Sun	New York Sun Program, NY-	5/1/2015	
5/8/2015 New York Sun Program, NY-Sun 5/11/2015 New York Sun Program, NY-Sun 5/15/2015 New York Sun Program, NY-Sun 5/27/2015 New York Sun Program, NY-Sun 6/4/2015 New York Sun Program, NY-Sun 6/10/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/23/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	10,600.	NY-Sun	New York Sun Program, NY-	5/5/2015	
5/11/2015 New York Sun Program, NY-Sun 5/15/2015 New York Sun Program, NY-Sun 5/27/2015 New York Sun Program, NY-Sun 6/4/2015 New York Sun Program, NY-Sun 6/10/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/23/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	14,640.	ım	NY-Sun Incentive Program		
5/15/2015 New York Sun Program, NY-Sun 5/27/2015 New York Sun Program, NY-Sun 6/4/2015 New York Sun Program, NY-Sun 6/10/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/23/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/18/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	10,462.	NY-Sun	New York Sun Program, NY-	5/8/2015	
5/27/2015 New York Sun Program, NY-Sun 6/4/2015 New York Sun Program, NY-Sun 6/10/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/7/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	7,686.	NY-Sun	New York Sun Program, NY-	5/11/2015	
5/27/2015 New York Sun Program, NY-Sun 6/4/2015 New York Sun Program, NY-Sun 6/10/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/23/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/7/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	6,825.			5/15/2015	
6/10/2015 New York Sun Program, NY-Sun 6/18/2015 New York Sun Program, NY-Sun 6/23/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/7/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	12,170.			5/27/2015	
6/18/2015 New York Sun Program, NY-Sun 6/23/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/7/2015 New York Sun Program, NY-Sun 7/7/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	6,192.	NY-Sun	New York Sun Program, NY-	6/4/2015	
6/23/2015 New York Sun Program, NY-Sun 7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/7/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	6,125.	NY-Sun	New York Sun Program, NY-	6/10/2015	
7/2/2015 New York Sun Program, NY-Sun 7/6/2015 New York Sun Program, NY-Sun 7/7/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	7,875.	NY-Sun	New York Sun Program, NY-	6/18/2015	
7/6/2015 New York Sun Program, NY-Sun 7/7/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	14,518.	NY-Sun	New York Sun Program, NY-	6/23/2015	
7/7/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	17,570.			7/2/2015	
7/7/2015 New York Sun Program, NY-Sun 7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	20,080		<u> </u>		
7/8/2015 New York Sun Program, NY-Sun 7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	28,340.				
7/17/2015 New York Sun Program, NY-Sun 7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	18,148.				
7/21/2015 New York Sun Program, NY-Sun 7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	7,686.		-		
7/22/2015 New York Sun Program, NY-Sun 7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	34,245.				
7/23/2015 New York Sun Program, NY-Sun 7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	8,400.				
7/24/2015 New York Sun Program, NY-Sun 7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	5,600.				
7/27/2015 New York Sun Program, NY-Sun 7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	13,367.				
7/29/2015 New York Sun Program, NY-Sun 8/4/2015 New York Sun Program, NY-Sun	6,300.				
8/4/2015 New York Sun Program, NY-Sun	12,383.				
	8,540.				
Now York Sup Brogram MV Sup					
8/6/2015 New York Sun Program, NY-Sun	6,300.				
8/11/2015 New York Sun Program, NY-Sun	11,988.0				
8/14/2015 New York Sun Program, NY-Sun	7,137.0				
8/17/2015 New York Sun Program, NY-Sun 8/20/2015 New York Sun Program, NY-Sun	5,400.0 36,590.0				

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Solar Liberty Energy Systems, Inc	8/21/2015	New York Sun Program, NY-Sun	19,947.0
	8/26/2015	New York Sun Program, NY-Sun	16,275.0
	8/27/2015	New York Sun Program, NY-Sun	292,316.0
	8/31/2015	New York Sun Program, NY-Sun	36,411.0
	9/9/2015	New York Sun Program, NY-Sun	30,803.0
	9/10/2015	New York Sun Program, NY-Sun	44,157.0
	9/17/2015	New York Sun Program, NY-Sun	203,856.0
	9/23/2015	New York Sun Program, NY-Sun	14,762.0
	9/24/2015	New York Sun Program, NY-Sun	8,784.0
Solar Maximum LLC	5/6/2015	New York Sun Program, NY-Sun	19,635.0
	6/10/2015	New York Sun Program, NY-Sun	5,642.0
	8/5/2015	New York Sun Program, NY-Sun	5,036.0
	8/14/2015	New York Sun Program, NY-Sun	7,038.0
	8/27/2015	New York Sun Program, NY-Sun	7,063.0
Solar One, Inc.	5/6/2015	New York Sun Program, NY-Sun	10,000.0
Solar Power Company, LLC	7/30/2015	Residential PV, Assignment agreement-3 NTPs	438,762.0
		Residential PV, PV System @ PearlGreen	296,825.0
Solar Project Solutions Inc	5/26/2015	New York Sun Program, NY-Sun	7,488.0
	6/7/2015	New York Sun Program, NY-Sun	20,592.0
	6/16/2015	New York Sun Program, NY Sun	69,520.0
		New York Sun Program, NY-Sun	69,520.0
	6/17/2015	New York Sun Program, NY-Sun	6,916.0
	8/4/2015	New York Sun Program, NY-Sun	312.0
olar Promotion International GmbH	4/28/2015	New York Sun Program, 2015 Intersolar Summit USA Eas	15,000.0
Solar Revolution, LLC	5/19/2015	New York Sun Program, NY-Sun	9,975.0
	8/31/2015	New York Sun Program, NY-Sun	8,550.0
olarCity Corporation	4/1/2015	New York Sun Program, NY-Sun	36,035.0
	4/6/2015	New York Sun Program, NY-Sun	50,163.0
	4/7/2015	New York Sun Program, NY-Sun	10,584.0
	4/8/2015	New York Sun Program, NY-Sun	18,299.0
	4/9/2015	New York Sun Program, NY-Sun	11,539.0
	4/10/2015	New York Sun Program, NY-Sun	14,733.0
			2,142.0
	4/13/2015	New York Sun Program, NY-Sun	37,795.0
	4/14/2015	New York Sun Program, NY-Sun	19,355.0
	4/15/2015	New York Sun Program, NY-Sun	7,935.0
	4/16/2015	New York Sun Program, NY-Sun	
	4/17/2015	New York Sun Program, NY-Sun	5,408.0
	4/21/2015	New York Sun Program, NY-Sun	19,793.0
	4/22/2015	New York Sun Program, NY-Sun	22,620.0
	4/23/2015	New York Sun Program, NY-Sun	16,552.0
	4/27/2015	New York Sun Program, NY-Sun	23,617.0
	4/28/2015	New York Sun Program, NY-Sun	19,404.0
	4/29/2015	New York Sun Program, NY-Sun	53,261.0
	5/1/2015	New York Sun Program, NY-Sun	72,677.0
	5/4/2015	New York Sun Program, NY-Sun	5,799.0
	5/5/2015	New York Sun Program, NY-Sun	24,906.0
	5/6/2015	New York Sun Program, NY-Sun	33,492.0
	5/7/2015	New York Sun Program, NY-Sun	25,296.0
	5/8/2015	New York Sun Program, NY-Sun	64,023.0
	5/12/2015	New York Sun Program, NY-Sun	38,418.0
	5/13/2015	New York Sun Program, NY-Sun	54,305.0
	5/14/2015	New York Sun Program, NY-Sun	43,101.0
	5/15/2015	New York Sun Program, NY-Sun	30,460.0
	5/18/2015	New York Sun Program, NY-Sun	13,250.0
	5/19/2015	New York Sun Program, NY-Sun	15,992.0
	5/20/2015	New York Sun Program, NY-Sun	10,920.0

Contractor	Contract Executed Date	Project Description	Total Contract Amount
SolarCity Corporation	5/21/2015	New York Sun Program, NY-Sun	32,458.00
	5/26/2015	New York Sun Program, NY-Sun	28,308.00
	5/27/2015	New York Sun Program, NY-Sun	13,162.00
	5/28/2015	New York Sun Program, NY-Sun	53,104.00
	5/29/2015	New York Sun Program, NY-Sun	19,583.00
	6/1/2015	New York Sun Program, NY-Sun	11,011.00
	6/2/2015	New York Sun Program, NY-Sun	6,006.00
	6/3/2015	New York Sun Program, NY-Sun	21,111.00
	6/4/2015	New York Sun Program, NY-Sun	22,998.00
	6/8/2015	New York Sun Program, NY-Sun	5,250.00
	6/10/2015	New York Sun Program, NY-Sun	53,767.00
	6/11/2015	New York Sun Program, NY-Sun	5,824.00
	6/12/2015	New York Sun Program, NY-Sun	29,866.00
	6/15/2015	New York Sun Program, NY-Sun	30,824.00
	6/16/2015	New York Sun Program, NY-Sun	10,862.00
	6/17/2015	New York Sun Program, NY-Sun	11,856.00
	6/19/2015	New York Sun Program, NY-Sun	5,772.00
	6/23/2015	New York Sun Program, NY-Sun	12,552.00
	6/24/2015	New York Sun Program, NY-Sun	15,575.00
	6/25/2015	New York Sun Program, NY-Sun	6,639.00
	6/26/2015	New York Sun Program, NY-Sun	30,030.00
	6/29/2015	New York Sun Program, NY-Sun	4,119.00
	7/1/2015	U	20,113.00
	7/1/2015	New York Sun Program, NY-Sun	22,145.00
	7/6/2015	New York Sun Program, NY-Sun	26,108.00
	770/2015	New York Sun Program, NY-Sun	
	7/0/0045	New York Sun Program, PV Incentive Program	7,300.00
	7/8/2015	New York Sun Program, NY-Sun	7,056.00
	7/9/2015	New York Sun Program, NY-Sun	12,405.00
	7/10/2015	New York Sun Program, NY-Sun	6,689.00
	7/13/2015	New York Sun Program, NY-Sun	25,926.00
	7/14/2015	New York Sun Program, NY-Sun	29,047.00
	7/15/2015	New York Sun Program, NY-Sun	8,400.00
	7/17/2015	New York Sun Program, NY-Sun	6,126.00
	7/20/2015	New York Sun Program, NY-Sun	6,837.00
	7/21/2015	New York Sun Program, NY-Sun	16,938.00
	7/23/2015	New York Sun Program, NY-Sun	13,572.00
	7/24/2015	New York Sun Program, NY-Sun	10,571.00
	7/27/2015	Commercial/Industrial	202,048.87
		New York Sun Program, NY-Sun	38,238.00
	7/28/2015	New York Sun Program, NY-Sun	12,787.00
	7/29/2015	New York Sun Program, NY-Sun	58,049.00
	7/31/2015	New York Sun Program, NY-Sun	31,614.00
	8/3/2015	New York Sun Program, NY-Sun	23,034.00
	8/4/2015	New York Sun Program, NY-Sun	5,242.00
	8/6/2015	New York Sun Program, NY-Sun	10,404.00
	8/7/2015	New York Sun Program, NY-Sun	65,227.00
	8/10/2015	New York Sun Program, NY-Sun	18,439.00
	8/11/2015	Commercial/Industrial	1,058,289.00
		New York Sun Program, NY-Sun	6,916.00
	8/12/2015	Advanced Buildings, Battery Demo w/ Commercial PV	690,450.00
		New York Sun Program, NY-Sun	18,876.00
	8/14/2015	New York Sun Program, NY-Sun	13,082.00
	8/19/2015	New York Sun Program, NY-Sun	52,236.00
	8/27/2015	New York Sun Program, NY-Sun	26,720.00
	8/31/2015	New York Sun Program, NY-Sun	117,499.00
	9/3/2015	New York Sun Program, NY-Sun	30,592.00
		45	

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
SolarCity Corporation	9/8/2015	New York Sun Program, NY-Sun	105,493.0
	9/16/2015	New York Sun Program, NY-Sun	72,753.0
	9/17/2015	New York Sun Program, NY-Sun	45,436.0
	9/18/2015	New York Sun Program, NY-Sun	8,800.0
	9/21/2015	Commercial/Industrial PV Progr	888,223.0
	9/23/2015	New York Sun Program, NY-Sun	37,877.0
	9/24/2015	New York Sun Program, NY-Sun	23,635.0
Solarize Albany Inc.	4/27/2015	New York Sun Program, Solarize Spring 2015	5,000.0
Sonbyrne Sales, Inc.	8/7/2015	New Construction Program, NCP13145 - Byrne Dairy Phoenix	11,642.0
Sound Solar LLC	9/3/2015	New York Sun Program, NY-Sun	81,063.0
	9/8/2015	New York Sun Program, NY-Sun	43,975.0
Source One	9/4/2015	Technical Review and Program S	31,720.0
	9/8/2015	Technical Review and Program S	9,920.0
Southern Cayuga Central School	9/14/2015	New Construction Program, NCP13193 - Southern Cayuga CSD	35,485.0
Southern Tier Central Regional Planning	8/19/2015	Cleaner Greener Communities, CGC40255 - Cooperative Compreh	75,000.0
Specialized Packaging Radisson, LLC	7/2/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	108,534.6
Specialty Silicone Products Inc	4/1/2015	New Construction Program, NCP12726 - Clean Room Building	6,450.0
Sperry Energy	8/27/2015	Research and Development, Innovation Advisory Services	250,000.0
St Marys Healthcare	5/11/2015	New Construction Program, NCP12288 - St. Mary's Outpatie	37,665.0
St Regis Mohawk Tribe	7/9/2015	New Construction Program, NCP11807 - Tribal Administrati	105,745.0
St. Augustine Apartments LLC	6/11/2015	Multifamily Performance Program, Multifamily	112,000.0
St. Joseph's Hospital Health Center	6/4/2015	Flexible Technical Assistance Program, FlexTech Program-PON 1746	24,000.0
St. Lawrence University	6/4/2015	Smart Grid Systems, St. Lawrence Univ - Canton	90,200.0
St. Luke's Cornwall Hospital	6/30/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	15,526.3
stantec Consulting Services, Inc.	4/13/2015	Industrial Process Efficiency Program, Technical Review and Program S	5,229.0
	4/28/2015	New Construction Program, Technical Assistance Services	7,532.0
	5/5/2015	New Construction Program, Technical Assistance Services	9,460.0
	5/26/2015	Industrial Process Efficiency Program, Technical Review and Program S	3,748.0
	7/2/2015		7,586.0
	11212013	New Construction Program, Technical Assistance Services	2,586.0
	7/00/0045	Technical Assistance Services	
	7/23/2015	Industrial Process Efficiency Program, Technical Review and Program S	14,309.0
	8/4/2015	Industrial Process Efficiency Program, Technical Review and Program S	8,576.0
	9/4/2015	Existing Facilities Program, Technical Review and Program S	40,050.0
State University of New York College	8/20/2015	Smart Grid Systems, Village of Geneseo NY Prize	100,000.0
State University of NY @ New Platz	5/29/2015	New Construction Program, NCP12609 - Sojourner Truth Lib	16,755.0
Staten Island Renewable Energy Corp.	8/10/2015	New York Sun Program, NY-Sun	5,250.0
	8/18/2015	New York Sun Program, NY-Sun	6,510.0
Steed Energy LLC	5/8/2015	New York Sun Program, NY-Sun	5,586.0
	5/27/2015	New York Sun Program, NY-Sun	5,586.0
	5/28/2015	New York Sun Program, NY-Sun	17,472.0
	6/10/2015	New York Sun Program, NY-Sun	7,182.0
	8/6/2015	New York Sun Program, NY-Sun	9,072.0
iteel Sun 2 LLC	9/25/2015	NY Sun- Competitive PV, SteelSun 2 Canisius College 3	1,460,163.0
tephen Collins	9/15/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	10,177.5
Steven Bluestone	9/1/2015	Home Performance with Energy Star, Low-rise Residential	9,000.0
teven Winter Associates, Inc.	4/20/2015	New Construction Program, Technical Assistance Services	29,840.0
	5/4/2015	Advanced Buildings, Linkage-Less Burner Retrofit	201,424.0
	5/27/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	6,180.0
	6/2/2015	New Construction Program, Technical Assistance Services	2,322.0
		Technical Assistance Services	2,322.0
	6/12/2015	New Construction Program, Technical Assistance Services	1,718.0
		Technical Assistance Services	1,718.0
	6/30/2015	Smart Grid Systems, Village of Mamaroneck NY Prize	96,920.0
	7/2/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	10,500.0
	7/17/2015	Existing Facilities Program, Technical Review and Program S	88,062.0
	8/4/2015	New Construction Program, Technical Assistance Services	20,536.5

Contractor	Contract Executed Date	Project Description	Total Contra Amou
Steven Winter Associates, Inc.	8/4/2015	Technical Assistance Services	15,536.5
	8/6/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	9,250.0
	9/3/2015	New Construction Program, Technical Assistance Services	62,766.0
		Technical Assistance Services	47,766.0
	9/4/2015	Existing Facilities Program, Technical Review and Program S	32,369.0
		Technical Review and Program S	8,300.0
Stewart Title Insurance Company	8/7/2015	Green Jobs Green New York Revolving Loan Fund, Title Company in S	133,333.0
Sumintra	4/3/2015	New York Sun Program, NY-Sun	9,996.0
Summit Research Labs Inc	4/10/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	129,641.5
	9/22/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	46,920.0
Sun Energy Inc.	5/21/2015	New York Sun Program, NY-Sun	1,617.0
Sun Source Technologies	4/10/2015	New York Sun Program, NY-Sun	35,112.0
	6/10/2015	New York Sun Program, NY-Sun	24,676.0
	6/12/2015	New York Sun Program, NY-Sun	5,460.0
	6/15/2015	New York Sun Program, NY-Sun	7,308.0
	6/16/2015	New York Sun Program, NY-Sun	6,090.0
	6/30/2015	New York Sun Program, NY-Sun	9,394.0
	7/2/2015	New York Sun Program, NY-Sun	12,810.0
	7/14/2015	New York Sun Program, NY-Sun	12,322.0
	7/15/2015	New York Sun Program, NY-Sun	8,190.
	8/7/2015	New York Sun Program, NY-Sun	6,237.
	8/12/2015	New York Sun Program, NY-Sun	7,560.
	8/14/2015	New York Sun Program, NY-Sun	11,385.
	8/26/2015	New York Sun Program, NY-Sun	7,105.
	9/2/2015	New York Sun Program, NY-Sun	7,056.
	9/17/2015	New York Sun Program, NY-Sun	10,800.
	9/23/2015	New York Sun Program, NY-Sun	6,426.
SuNation Solar Systems, Inc.	4/13/2015	New York Sun Program, NY-Sun	5,199.
	5/14/2015	New York Sun Program, NY-Sun	11,160.
	5/15/2015	New York Sun Program, NY-Sun	14,912.
	7/14/2015	New York Sun Program, NY-Sun	87,000
	7/16/2015	New York Sun Program, NY-Sun	13,608
	7/10/2015	New York Sun Program, NY-Sun	10,019
	8/18/2015	_	23,390
	8/20/2015	New York Sun Program, NY-Sun	9,860
underland Forms		New York Sun Program, NY-Sun	49,077.
underland Farms	7/20/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	5,488.
undog Solar, Inc.	5/29/2015	New York Sun Program, NY-Sun	
	6/30/2015	Workforce Development, PON2033-3	14,560.
	8/5/2015	Renewable Thermal, NY-Sun	14,473.
unE Solar XVI Lessor, LLC	8/27/2015	NY Sun- Competitive PV, Competitive PV Program - RIT	1,989,665.
unEdison Origination1, LLC	4/29/2015	Residential PV, PV System @ North Shore LIJ St	1,735,337.
ungevity Development, LLC	4/9/2015	New York Sun Program, NY-Sun	6,300.
	4/14/2015	New York Sun Program, NY-Sun	9,800.
	4/20/2015	New York Sun Program, NY-Sun	7,000.
	4/22/2015	New York Sun Program, NY-Sun	9,800.
	4/27/2015	New York Sun Program, NY-Sun	5,121
	5/1/2015	New York Sun Program, NY-Sun	9,800
	5/11/2015	New York Sun Program, NY-Sun	7,875
	5/19/2015	New York Sun Program, NY-Sun	6,650
	5/26/2015	New York Sun Program, NY-Sun	5,145
	5/28/2015	New York Sun Program, NY-Sun	5,425
	6/10/2015	New York Sun Program, NY-Sun	6,300
	6/17/2015	New York Sun Program, NY-Sun	6,174.
	6/19/2015	New York Sun Program, NY-Sun	5,400.
	6/26/2015	New York Sun Program, NY-Sun	5,250.0
	7/2/2015	New York Sun Program, NY-Sun	5,400.0

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Sungevity Development, LLC	7/23/2015	New York Sun Program, NY-Sun	24,000.0
	8/3/2015	New York Sun Program, NY-Sun	5,550.0
	8/31/2015	New York Sun Program, NY-Sun	8,400.0
	9/3/2015	New York Sun Program, NY-Sun	6,615.0
Sungevity, Inc.	4/1/2015	New York Sun Program, NY-Sun	5,950.0
	4/15/2015	New York Sun Program, NY-Sun	11,550.0
	4/20/2015	New York Sun Program, NY-Sun	3,600.0
	4/21/2015	New York Sun Program, NY-Sun	525.0
	4/27/2015	New York Sun Program, NY-Sun	5,600.0
	5/1/2015	New York Sun Program, NY-Sun	10,500.0
	5/27/2015	New York Sun Program, NY-Sun	12,852.0
	6/1/2015	New York Sun Program, NY-Sun	5,775.0
	6/2/2015	New York Sun Program, NY-Sun	5,950.0
	6/17/2015	New York Sun Program, NY-Sun	3,978.0
	7/15/2015	New York Sun Program, NY-Sun	5,832.0
	7/28/2015	New York Sun Program, NY-Sun	6,125.0
	9/3/2015	New York Sun Program, NY-Sun	6,728.0
	9/21/2015	New York Sun Program, NY-Sun	6,150.0
	9/23/2015	New York Sun Program, NY-Sun	3,318.0
Sunnova Energy Corp	4/8/2015	New York Sun Program, NY-Sun	12,480.0
	4/10/2015	New York Sun Program, NY-Sun	6,240.0
	4/14/2015	New York Sun Program, NY-Sun	12,960.0
	5/1/2015	New York Sun Program, NY-Sun	10,304.0
	5/5/2015	New York Sun Program, NY-Sun	13,488.0
	5/8/2015	New York Sun Program, NY-Sun	12,272.0
	5/11/2015	New York Sun Program, NY-Sun	26,804.0
	5/12/2015	New York Sun Program, NY-Sun	5,856.0
	5/14/2015	New York Sun Program, NY-Sun	5,856.0
	5/22/2015	New York Sun Program, NY-Sun	9,240.0
	5/26/2015	New York Sun Program, NY-Sun	6,048.0
	5/27/2015	New York Sun Program, NY-Sun	9,177.0
	5/29/2015	New York Sun Program, NY-Sun	5,096.0
	6/23/2015		6,405.0
		New York Sun Program, NY-Sun	6,300.0
SunPower Capital, LLC	7/29/2015	New York Sun Program, NY-Sun	18,835.0
Suil-Ower Capital, LLO	4/2/2015	New York Sun Program, NY-Sun	32,147.0
		New York Sun Program, NY-Sun	
	4/6/2015	New York Sun Program, NY-Sun	11,546.0
	4/7/2015	New York Sun Program, NY-Sun	28,101.0
	4/8/2015	New York Sun Program, NY-Sun	17,333.0
	4/10/2015	New York Sun Program, NY-Sun	53,803.0
	4/14/2015	New York Sun Program, NY Sun	5,951.0
		New York Sun Program, NY-Sun	101,925.0
	4/15/2015	New York Sun Program, NY-Sun	5,755.0
	4/16/2015	New York Sun Program, NY-Sun	20,049.0
	4/17/2015	New York Sun Program, NY-Sun	27,988.0
	4/20/2015	New York Sun Program, NY-Sun	7,063.0
	4/21/2015	New York Sun Program, NY-Sun	20,698.0
	4/22/2015	New York Sun Program, NY-Sun	23,449.0
	4/23/2015	New York Sun Program, NY-Sun	101,031.0
	4/27/2015	New York Sun Program, NY-Sun	32,121.0
	4/28/2015	New York Sun Program, NY-Sun	27,239.0
	4/29/2015	New York Sun Program, NY-Sun	89,780.0
	5/1/2015	New York Sun Program, NY-Sun	6,867.0
	5/5/2015	New York Sun Program, NY-Sun	14,082.0
	5/6/2015	New York Sun Program, NY-Sun	11,477.0
	5/8/2015	New York Sun Program, NY-Sun	15,566.0

Contractor	Contract Executed Date	Project Description	Total Contract Amount
SunPower Capital, LLC	5/12/2015	New York Sun Program, NY-Sun	17,006.00
	5/13/2015	New York Sun Program, NY-Sun	19,915.00
	5/14/2015	New York Sun Program, NY-Sun	28,612.00
	5/15/2015	New York Sun Program, NY-Sun	8,698.00
	5/18/2015	New York Sun Program, NY-Sun	11,445.00
	5/19/2015	New York Sun Program, NY-Sun	45,781.00
	5/20/2015	New York Sun Program, NY-Sun	5,494.00
	5/21/2015	New York Sun Program, NY-Sun	32,724.00
	5/26/2015	New York Sun Program, NY-Sun	18,426.00
	5/27/2015	New York Sun Program, NY-Sun	11,216.00
	5/28/2015	New York Sun Program, NY-Sun	68,236.00
	5/29/2015	New York Sun Program, NY-Sun	12,361.00
	6/1/2015	New York Sun Program, NY-Sun	17,397.00
	6/2/2015	New York Sun Program, NY-Sun	6,638.00
	6/4/2015	New York Sun Program, NY-Sun	68,442.00
	6/8/2015	New York Sun Program, NY-Sun	21,517.00
	6/10/2015	New York Sun Program, NY-Sun	85,070.00
	6/11/2015	New York Sun Program, NY-Sun	59,547.00
	6/12/2015	New York Sun Program, NY-Sun	51,960.00
	6/15/2015	New York Sun Program, NY-Sun	58,148.00
	6/16/2015	New York Sun Program, NY-Sun	5,494.00
	6/17/2015	New York Sun Program, NY-Sun	6,180.00
	6/19/2015	New York Sun Program, NY-Sun	26,422.00
	6/22/2015	New York Sun Program, NY-Sun	15,456.00
	6/23/2015	New York Sun Program, NY-Sun	6,345.00
	6/24/2015	New York Sun Program, NY-Sun	6,409.00
	6/25/2015	New York Sun Program, NY-Sun	8,012.00
	6/26/2015	New York Sun Program, NY-Sun	24,264.00
	6/29/2015	New York Sun Program, NY-Sun	42,575.00
	7/1/2015	New York Sun Program, NY-Sun	19,452.00
	7/2/2015	New York Sun Program, NY-Sun	20,470.00
	7/6/2015	New York Sun Program, NY-Sun	24,129.00
	7/8/2015	New York Sun Program, NY-Sun	26,128.00
	7/9/2015	New York Sun Program, NY-Sun	60,602.00
	7/10/2015	New York Sun Program, NY Sun	6,210.00
		New York Sun Program, NY-Sun	16,801.00
	7/13/2015	New York Sun Program, NY-Sun	22,203.00
	7/14/2015	New York Sun Program, NY-Sun	22,662.00
	7/15/2015	New York Sun Program, NY-Sun	11,380.00
	7/16/2015	New York Sun Program, NY-Sun	23,068.00
	7/17/2015	New York Sun Program, NY-Sun	46,859.00
	7/20/2015	New York Sun Program, NY-Sun	26,201.00
	7/21/2015	New York Sun Program, NY-Sun	28,372.00
	7/23/2015	New York Sun Program, NY-Sun	31,817.00
	7/24/2015	New York Sun Program, NY-Sun	5,494.00
	7/27/2015	New York Sun Program, NY-Sun	14,650.00
	7/29/2015	New York Sun Program, NY-Sun	33,812.00
	8/3/2015	New York Sun Program, NY-Sun	21,068.00
	8/4/2015	New York Sun Program, NY-Sun	19,914.00
	8/7/2015	New York Sun Program, NY-Sun	11,739.00
	8/10/2015	New York Sun Program, NY-Sun	22,170.00
	8/12/2015	New York Sun Program, NY-Sun	40,712.00
	8/14/2015	New York Sun Program, NY-Sun	61,735.00
	8/19/2015	New York Sun Program, NY-Sun	39,591.00
	8/24/2015	New York Sun Program, NY-Sun	19,663.00
	8/31/2015	New York Sun Program, NY-Sun	28,645.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
SunPower Capital, LLC	9/2/2015	New York Sun Program, NY-Sun	70,187.00
	9/3/2015	New York Sun Program, NY-Sun	7,096.00
	9/8/2015	New York Sun Program, NY-Sun	54,222.00
	9/16/2015	New York Sun Program, NY-Sun	9,820.00
	9/21/2015	New York Sun Program, NY-Sun	5,886.00
	9/22/2015	New York Sun Program, NY-Sun	7,096.00
	9/23/2015	New York Sun Program, NY-Sun	16,873.0
	9/25/2015	New York Sun Program, NY-Sun	5,494.00
Sunrise 888 Inc.	5/7/2015	Fuel NY, GSP00787 - Sunrise 888 Inc.	13,000.00
SUNRISE ELECTRICAL SERVICES	9/11/2015	New York Sun Program, NY-Sun	148,000.0
Sunrise Solar Solutions, LLC	4/3/2015	New York Sun Program, NY-Sun	11,956.0
	4/17/2015	New York Sun Program, NY-Sun	9,910.0
	4/21/2015	New York Sun Program, NY-Sun	13,888.0
	4/22/2015	New York Sun Program, NY-Sun	5,856.0
	4/27/2015	New York Sun Program, NY-Sun	10,548.00
	5/1/2015	New York Sun Program, NY-Sun	14,047.00
	5/4/2015	New York Sun Program, NY-Sun	9,600.0
	5/5/2015	New York Sun Program, NY-Sun	9,408.0
	5/6/2015	New York Sun Program, NY-Sun	5,376.0
	5/18/2015	New York Sun Program, NY-Sun	12,096.0
	5/19/2015	New York Sun Program, NY-Sun	5,124.00
	5/20/2015	New York Sun Program, NY-Sun	20,888.0
	5/29/2015	New York Sun Program, NY-Sun	49,477.0
	6/1/2015	New York Sun Program, NY-Sun	155,000.0
	6/2/2015	-	179,531.0
		New York Sun Program, NY-Sun	5,280.0
	6/23/2015	New York Sun Program, NY-Sun	19,320.0
	7/2/2015	New York Sun Program, NY-Sun	
	7/9/2015	New York Sun Program, NY-Sun	13,727.0
	7/10/2015	New York Sun Program, NY-Sun	5,040.0
	7/13/2015	New York Sun Program, NY-Sun	13,328.0
	7/16/2015	New York Sun Program, NY-Sun	25,193.0
	7/21/2015	New York Sun Program, NY-Sun	11,522.0
	7/24/2015	New York Sun Program, NY-Sun	11,396.0
	7/27/2015	New York Sun Program, NY-Sun	30,182.0
	7/28/2015	New York Sun Program, NY-Sun	5,292.0
	8/6/2015	New York Sun Program, NY-Sun	24,213.0
	8/10/2015	New York Sun Program, NY-Sun	18,620.0
	9/1/2015	New York Sun Program, NY-Sun	10,920.0
	9/3/2015	New York Sun Program, NY-Sun	7,056.0
	9/16/2015	New York Sun Program, NY-Sun	24,853.0
	9/17/2015	New York Sun Program, NY-Sun	5,684.00
	9/18/2015	New York Sun Program, NY-Sun	21,012.0
	9/21/2015	New York Sun Program, NY-Sun	7,448.0
	9/22/2015	New York Sun Program, NY-Sun	11,790.0
	9/23/2015	New York Sun Program, NY-Sun	5,978.0
Sunrun Installation Services, Inc	4/23/2015	New York Sun Program, NY-Sun	8,528.0
	4/28/2015	New York Sun Program, NY-Sun	6,656.0
	5/1/2015	New York Sun Program, NY-Sun	6,003.0
	5/6/2015	New York Sun Program, NY-Sun	6,619.0
	6/24/2015	New York Sun Program, NY-Sun	5,460.0
	8/14/2015	New York Sun Program, NY-Sun	6,552.0
	8/24/2015	New York Sun Program, NY-Sun	5,304.0
SunRun, Inc	4/1/2015	New York Sun Program, NY-Sun	6,648.0
•	4/7/2015	New York Sun Program, NY-Sun	10,878.00
	4/9/2015	New York Sun Program, NY-Sun	6,517.00
	4/16/2015	New York Sun Program, NY-Sun	25,196.00

Contractor	Contract Executed Date	Project Description	Total Contract Amount
SunRun, Inc	4/20/2015	New York Sun Program, NY-Sun	5,870.00
	4/21/2015	New York Sun Program, NY-Sun	6,000.00
	4/22/2015	New York Sun Program, NY-Sun	6,244.00
	4/23/2015	New York Sun Program, NY-Sun	6,377.00
	4/27/2015	New York Sun Program, NY-Sun	5,704.00
	5/13/2015	New York Sun Program, NY-Sun	5,526.00
	5/14/2015	New York Sun Program, NY-Sun	1,508.00
	5/20/2015	New York Sun Program, NY-Sun	12,978.00
	5/21/2015	New York Sun Program, NY-Sun	11,816.00
	5/27/2015	New York Sun Program, NY-Sun	5,278.00
	5/28/2015	New York Sun Program, NY-Sun	10,554.00
	5/29/2015	New York Sun Program, NY-Sun	6,734.00
	6/1/2015	New York Sun Program, NY-Sun	6,426.00
	6/4/2015	New York Sun Program, NY-Sun	7,350.00
	6/8/2015	New York Sun Program, NY-Sun	6,188.00
	6/10/2015	New York Sun Program, NY-Sun	11,676.00
	6/11/2015	New York Sun Program, NY-Sun	14,255.00
	6/12/2015	New York Sun Program, NY-Sun	6,475.00
	6/15/2015	New York Sun Program, NY-Sun	5,791.00
	6/16/2015	New York Sun Program, NY-Sun	10,738.00
	6/17/2015	New York Sun Program, NY-Sun	11,038.00
	6/19/2015	New York Sun Program, NY-Sun	18,122.00
	6/22/2015	New York Sun Program, NY-Sun	7,462.00
	6/23/2015	New York Sun Program, NY-Sun	5,550.00
	6/25/2015	New York Sun Program, NY-Sun	6,660.00
	6/29/2015	New York Sun Program, NY-Sun	5,821.00
	7/1/2015	New York Sun Program, NY-Sun	6,188.00
	7/2/2015	New York Sun Program, NY-Sun	13,026.00
	7/6/2015	New York Sun Program, NY-Sun	8,979.00
	7/8/2015	New York Sun Program, NY-Sun	10,840.00
	7/9/2015	New York Sun Program, NY-Sun	6,370.00
	7/10/2015	New York Sun Program, NY-Sun	16,529.00
	7/14/2015	New York Sun Program, NY-Sun	9,282.00
	7/15/2015	New York Sun Program, NY-Sun	6,655.00
	7/16/2015	New York Sun Program, NY-Sun	7,518.00
	7/20/2015	New York Sun Program, NY-Sun	12,383.00
	7/21/2015	New York Sun Program, NY-Sun	7,938.00
	7/23/2015	New York Sun Program, NY-Sun	6,120.00
	7/24/2015	New York Sun Program, NY-Sun	6,930.00
	7/31/2015	New York Sun Program, NY-Sun	12,344.00
	8/3/2015	New York Sun Program, NY-Sun	5,390.00
	8/6/2015	New York Sun Program, NY-Sun	6,363.00
			12,420.00
	8/12/2015	New York Sun Program, NY-Sun	
	8/14/2015	New York Sun Program, NY-Sun	15,414.00
	8/19/2015	New York Sun Program, NY-Sun	20,280.00
	8/31/2015	New York Sun Program, NY-Sun	62,635.00
	9/8/2015	New York Sun Program, NY-Sun	17,705.00
	9/9/2015	New York Sun Program, NY-Sun	123.00
	9/16/2015	New York Sun Program, NY-Sun	11,358.00
	9/23/2015	New York Sun Program, NY-Sun	5,355.00
	9/25/2015	New York Sun Program, NY-Sun	6,395.00
Sunvestment Group LLC	6/16/2015	Innovation, Survestment Community PPA II	70,000.00
		Workforce Development, Sunvestment Community PPA II	70,000.00
SUNY Buffalo	7/15/2015	Advanced Buildings, Climate Impacts on Buildings	100,000.00
		Energy Analysis, Climate Impacts on Buildings	100,000.00
SUNY Cobleskill	7/14/2015	New Construction Program, NCP13042 - Curtis Mott	5,725.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amour
SUNY College of Technology @ Alfred	5/6/2015	New Construction Program, NCP11845 - Sustainable Advance	7,917.5
	5/27/2015	Existing Facilities Program, Commercial	14,778.0
SUNY Oswego	9/1/2015	New Construction Program, NCP12907 - Waterbury Residence	6,070.0
SUNY Plattsburgh	6/29/2015	Smart Grid Systems, City of Plattsburgh NY Prize	98,677.0
SUNY Research Foundation	7/9/2015	Environmental Research, Technical Services for BERDC	50,000.0
SUNY Upstate Medical University	7/22/2015	New Construction Program, NCP12003 - SUNY Upstate Cord B	18,492.0
Sure Energy, LLC	4/8/2015	New York Sun Program, NY-Sun	9,100.0
Sustainable CUNY CUNY/RF	4/15/2015	New York Sun Program, 2015 New York Solar Summit	12,000.0
Sustainable Energy Advantage, LLC	6/15/2015	NY Sun, Renewable Portfolio Standard T	80,000.0
Sustainable Energy Developments Inc.	5/26/2015	New York Sun Program, NY-Sun	9,464.0
	7/7/2015	New York Sun Program, NY-Sun	10,920.0
	7/8/2015	New York Sun Program, NY-Sun	52,520.0
	8/5/2015	New York Sun Program, NY-Sun	5,460.0
	9/1/2015	New York Sun Program, NY-Sun	11,073.0
	9/8/2015	New York Sun Program, NY-Sun	12,402.0
	9/23/2015	Small Wind, Wind Turbine Incentive	1,000,000.0
Swiss Valley Farms, Inc.	7/13/2015	Anaerobic Digester Program, Swiss Valley Farms Scrubber	138,833.0
Syracuse Chapter of the Construction	5/7/2015	Advanced Energy Codes, 2015 CSI Innovation	5,000.0
Syracuse University	5/18/2015	Environmental Research, Nutrient Dynamics in the ADKs	40,000.0
	6/3/2015	Smart Grid Systems, City of Syracuse Near Westside	100,000.0
	8/7/2015	Advanced Buildings, Flame-Assisted Fuel Cell	100,000.0
	9/8/2015	Environmental Research, Environment Research	4,000.0
Systems Management Planning, Inc.	5/18/2015	Administration OH, SMARTnet - Maintenance Agreeme	72,498.6
, ,	9/4/2015	Administration OH, VMWare Software - Renewal	25,691.1
Y. Lin International	7/1/2015	Advanced Energy Codes, Energy Code Support Services	1,905,876.0
abors Caramanis Rudkevich Inc.	6/23/2015	Energy Analysis, Competitive Electricity Market	576,200.0
aconic Hills CSD	6/24/2015	New Construction Program, NCP12978 - Taconic Hills K12 S	7,262.0
AG Mechanical Systems, Inc.	4/8/2015	New York Sun Program, NY-Sun	5,670.0
, to moonumour of otomo, mor	5/6/2015	New York Sun Program, NY-Sun	6,804.0
	5/29/2015	New York Sun Program, NY-Sun	9,261.0
	6/10/2015		6,426.0
		New York Sun Program, NY-Sun	7,560.0
	6/15/2015	New York Sun Program, NY-Sun	5,292.0
	6/17/2015	New York Sun Program, NY-Sun	
	7/27/2015	New York Sun Program, NY-Sun	5,670.0
	8/26/2015	New York Sun Program, NY-Sun	23,247.0
	8/27/2015	New York Sun Program, NY-Sun	5,184.0
	9/3/2015	New York Sun Program, NY-Sun	5,832.0
aitem Engineering, P.C.	4/8/2015	New York Sun Program, NY-Sun	10,400.0
	4/21/2015	Existing Facilities Program, Technical Review and Program S	54,264.2
	4/27/2015	Industrial Process Efficiency Program, Technical Review and Program S	15,339.4
		New York Sun Program, NY-Sun	9,568.0
	5/8/2015	New York Sun Program, NY-Sun	5,494.0
	5/28/2015	New York Sun Program, NY-Sun	13,505.0
	6/1/2015	New York Sun Program, NY-Sun	6,409.0
	6/4/2015	New York Sun Program, NY-Sun	9,843.0
	6/8/2015	New York Sun Program, NY-Sun	8,694.0
	6/10/2015	New York Sun Program, NY-Sun	5,494.0
	6/12/2015	New York Sun Program, NY-Sun	14,649.0
	6/15/2015	New York Sun Program, NY-Sun	28,938.0
	6/16/2015	New York Sun Program, NY-Sun	10,072.0
	6/25/2015	New York Sun Program, NY-Sun	10,556.0
	7/27/2015	New York Sun Program, NY-Sun	9,672.0
	8/14/2015	New York Sun Program, NY-Sun	7,454.0
	8/17/2015	New York Sun Program, NY-Sun	5,886.0
	8/19/2015	New York Sun Program, NY-Sun	5,724.0
	8/31/2015	New York Sun Program, NY-Sun	16,684.0

Contractor	Contract Executed Date	Project Description	Total Contrac Amoun
Taitem Engineering, P.C.	9/2/2015	New York Sun Program, NY-Sun	7,848.00
Teach For America, Inc	4/7/2015	New Construction Program, NCP12466 - 25 Broadway	30,000.0
Tech Valley Talent, LLC	5/4/2015	Administration OH, Metrics Database Buildings Por	200,000.0
	5/6/2015	Administration OH, Data Warehouse Analyst	200,000.0
		Administration OH, Project Manager for ITG-0058 D	200,000.0
	5/27/2015	Empower, RES QACSS Development	100,000.00
	7/16/2015	Administration OH, Salesforce	1,040.00
	7/27/2015	Administration OH, Buiness Intelligence Dev.	200,000.00
	8/3/2015	Administration OH, SecureAuth Implementation Serv	5,600.00
		Administration OH, Server Operations - Supplement	185,250.00
	8/24/2015	Administration OH, Server Admin-#2	195,000.00
Гесодеп	7/6/2015	Combined Heat and Power, CHPA - St Tropez Condominium	451,000.00
	8/14/2015	Combined Heat and Power, CHPA - Fulton South	232,650.00
	9/3/2015	Combined Heat and Power, CHPA - Hotel Bellclaire	198,000.00
Temple Israel	7/8/2015	New Construction Program, NCP12676 - Temple Israel	19,669.00
Teresa K Schwartz	4/24/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	2,005.45
Terremark Federal Group, LLC	4/16/2015	Administration OH, GSA Cloud Services - Renewal	22,844.88
	9/17/2015	Administration OH, Enterprise eCloud Renewal	65,494.02
Гetra Tech, Inc.	6/1/2015	Outside Technical and Eng. Srv	60,700.00
	7/8/2015	Outside Technical and Eng. Srv	23,800.00
Texas A&M	8/3/2015	Advanced Buildings, Behavior Research & Energy Dec	97,246.00
TF Cubed Inc.	5/8/2015	Fuel NY, GSP00615 - TF Cubed Inc.	10,000.00
The Cadmus Group, Inc.	9/9/2015	Quality Assurance Services for	1,229,614.00
The City College of New York	8/3/2015	Environmental Research, Optical Assessment of CMAQ	40,000.00
The Columbia Condominium	5/4/2015	Multifamily Performance Program, Multifamily	210,700.00
The Community Builders, Inc.	7/22/2015	Multifamily Performance Program, Multifamily	67,000.00
The Continental Condominium	5/26/2015	Multifamily Performance Program, Multifamily	18,900.00
The Danza Leser Group	4/29/2015	Flexible Technical Assistance Program, FlexTech Program PON1746	70,960.26
The Doe Fund Inc	5/15/2015	New Construction Program, NCP12659 - Muller Transitional	66,469.00
The Dow Chemical Company	4/10/2015	New York Sun Program, NY-Sun	5,530.00
	9/8/2015	New York Sun Program, NY-Sun	6,487.00
The Gunlocke Company	6/8/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	131,608.32
The Hearst Corporation	4/10/2015	Existing Facilities Program, EFP2381 - Hearst Communication	18,812.64
The Krog Corporation	7/9/2015	Home Performance with Energy Star, Codes & New Construction	7,700.00
		New York ENERGY STAR Homes, Codes & New Construction	69,300.00
The Logue Group	9/29/2015	West Valley Development Program, Facilitation Services	77,595.00
The Macchia Group Inc.	7/15/2015	Fuel NY, GSP00798 - The Macchia Group I	10,000.00
		Fuel NY, GSP00801 - The Macchia Group I	10,000.00
		Fuel NY, GSP00803 - The Macchia Group I	10,000.00
		Fuel NY, GSP00804 - The Macchia Group I	10,000.00
	7/29/2015	Fuel NY, GSP00797 - The Macchia Group I	10,000.00
THE MORGAN GROUP	8/27/2015	Multifamily Performance Program, Multifamily	7,350.00
The New York Internet Company Inc	4/22/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	13,041.76
The Radiant Store	4/6/2015	Renewable Thermal, RES-New Const & Adv Tech	25,000.00
	4/14/2015	Renewable Thermal, NY-Sun	85,143.00
	4/23/2015	Renewable Thermal, NY-Sun	5,834.00
	4/28/2015	Renewable Thermal, NY-Sun	15,321.00
	4/30/2015	RHNY PON 3010 incentives	8,000.00
	5/5/2015	Renewable Thermal, NY-Sun	42,342.00
	5/12/2015	Renewable Thermal, NY-Sun	5,574.00
	5/15/2015	Renewable Thermal, NY-Sun	6,000.0
	5/29/2015	Renewable Thermal, NY-Sun	64,199.00
	6/3/2015	Renewable Thermal, NY-Sun	40,618.00
	6/16/2015	Renewable Thermal, NY-Sun	34,451.00
	6/17/2015	Renewable Thermal, NY-Sun	5,315.00
	7/8/2015	Renewable Thermal, NY-Sun	46,573.00

Contractor	Contract Executed Date	Project Description	Total Contrac Amour
The Radiant Store	7/9/2015	Workforce Development, Workforce Dev & Train	25,080.0
	7/21/2015	Renewable Thermal, NY-Sun	5,973.0
	7/24/2015	Renewable Thermal, NY-Sun	5,709.0
	7/27/2015	Renewable Thermal, NY-Sun	100,500.0
	8/6/2015	Renewable Thermal, NY-Sun	6,000.0
	8/10/2015	Renewable Thermal, NY-Sun	57,210.0
	8/19/2015	Renewable Thermal, NY-Sun	13,207.0
	8/20/2015	Renewable Thermal, NY-Sun	13,939.0
	8/26/2015	Renewable Thermal, NY-Sun	5,729.0
	9/1/2015	PV Incentive Progam	15,655.0
		Renewable Thermal, NY-Sun	21,064.0
	9/8/2015	Renewable Thermal, NY-Sun	27,479.0
	9/9/2015	RHNY cordwood incentive	7,500.0
		RHNY incentive- Shin-Lovett	10,000.0
	9/22/2015	Renewable Thermal, NY-Sun	6,000.0
The Research Foundation for the State	5/11/2015	Clean Transportation, Real-time subway information	75,000.0
he Research Foundation of SUNY at Bing	8/6/2015	Innovation Capacity & Business Development, Ultraviolet and Electron	100,000.0
	9/10/2015	Innovation Capacity & Business Development, EFRC co-funding	199,250.0
The Ruppert Yorkville Towers Condominium	8/24/2015	Multifamily Performance Program, Multifamily	191,800.0
The Sanborn Map Company, Inc.	9/22/2015	West Valley Development Program, High Resolution LIDAR	292,862.0
The SKM Marketing Group, LLC	5/13/2015	Clean Transportation, Corporate Marketing	4,500.0
Γhe TJX Companies, Inc.	6/24/2015	New Construction Program, NCP13129 - TJ Maxx East Aurora	5,350.0
		New Construction Program, NCP13130 - TJ Maxx Ithaca #079	5,345.0
		New Construction Program, NCP13131 - TJ Maxx Staten Isla	5,400.0
The Trustees of Columbia University	9/3/2015	Energy Analysis, Buildings Climate Adaptation	287,737.0
	9/11/2015	Environmental Research, Response of Ozone to NOx	20,000.0
he Witkoff Group	9/29/2015	New Construction Program, NCP10793 - 150 Charles	203,368.0
Theodore Theodoropoulos	9/22/2015	New York Sun Program, NY-Sun	5,880.0
Thermal Solution Resources, LLC	7/27/2015	Advanced Buildings, Advanced Buildings Technology	223,293.0
Third Power LLC	5/6/2015	Innovation Capacity & Business Development, Advanced Clean Power	199,578.0
Thomas E. Clatterbuck	7/2/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	4,485.0
Thomas Roach	7/15/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	102,229.4
Fime Warner Cable	9/11/2015	Administration OH, NYC WAN and Internet Circuits	233,566.0
Fime Warner Cable Enterprises, LLC	5/5/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	1,667,794.8
TM Montante Solar Developments, LLC	4/17/2015	New York Sun Program, NY-Sun	139,156.0
in montante dotal bevelopments, 220	4/20/2015	New York Sun Program, NY-Sun	18,788.0
	4/28/2015	New York Sun Program, NY-Sun	33,264.0
		New York Sun Program, NY-Sun	8,400.0
	5/26/2015	0 ,	
Famulaina Caumhu af	6/4/2015	New York Sun Program, NY-Sun	90,000.0
Fompkins, County of	6/22/2015	Smart Grid Systems, Village of Lansing NY Prize	95,314.0
Fonawanda Pirson LLC	7/9/2015	New Construction Program, NCP11909 - Tonawanda Pirson, L	125,882.0
Tops Markets, Inc.	5/11/2015	New Construction Program, NCP12744 - Tops Walworth #428	26,346.0
TOS Solar 3, LLC	4/20/2015	NY Sun- Competitive PV, PV System @ Target - Clermont	194,878.0
OS Solar 5, LLC	4/6/2015	NY Sun- Competitive PV, PV System @ Target - Wurtsboro	218,040.0
own of Brookhaven	8/20/2015	New York Sun Program, Solarize Spring 2015	5,000.0
own of Crawford	8/14/2015	New Construction Program, NCP12867 - Senior Community Ce	10,229.0
own of East Hampton	6/23/2015	Smart Grid Systems, Town of E. Hampton NY Prize	100,000.0
own of Highlands Board of Education	5/13/2015	Flexible Technical Assistance Program, FlexTech Program - PON1746	28,729.
own of Huntington	7/20/2015	Smart Grid Systems, Town of Huntington NY Prize	100,000.0
own of Marcy	9/30/2015	Cleaner Greener Communities, CGC41854 - Town of Marcy	150,000.0
Town of North Hempstead	6/8/2015	Cleaner Greener Communities, CGC29510 - North Hempstead	1,000,000.0
	7/9/2015	Smart Grid Systems, Town of North Hempstead	100,000.0
Town of Southampton	7/15/2015	Smart Grid Systems, Town of Southampton NY Prize	99,900.0
	9/21/2015	New York Sun Program, Solarize Spring 2015	5,000.0
Town of Ulysses	6/4/2015	Cleaner Greener Communities, CGC39053 - Town of Ulysses	40,000.0

Contractor	Contract Executed Date	Project Description	Total Contrac Amour
Trainer Farm LLC	9/23/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	17,135.9
TransCore ITS LLC	4/24/2015	Green Traffic Control Cabinet	349,942.0
Transportation Power, Inc.	9/17/2015	Advanced Clean Power Tech	684,497.0
TRC Energy Services	4/7/2015	Industrial Process Efficiency Program, Technical Review and Program S	2,120.2
	4/8/2015	Existing Facilities Program, Technical Review and Program S	9,155.3
	4/13/2015	Industrial Process Efficiency Program, Technical Review and Program S	16,986.5
	4/16/2015	Existing Facilities Program, Technical Review and Program S	33,183.1
	5/26/2015	Industrial Process Efficiency Program, Technical Review and Program S	2,937.0
	6/11/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	159,120.0
	6/24/2015	Smart Grid Systems, Village of Endicott NY Prize	99,979.0
	7/2/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	51,453.0
	7/20/2015	Existing Facilities Program, Technical Review and Program S	9,693.7
	8/13/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	340,880.0
	8/14/2015	Industrial Process Efficiency Program, Technical Review and Program S	614.3
Freasure Asset Storage LLC	7/9/2015	NCP12473 - 122 W 146th St	281,059.0
		New Construction Program, NCP12473 - 122 W 146th St	183,467.0
Free Crisp Orchards LLC	8/20/2015	New Construction Program, NCP13039 - Tree Crisp Orchards	23,680.0
Friad Technology Partners LLC	4/15/2015	Administration OH, TRIAD Licenses and maintenance	42,217.5
Friangle Electrical Systems, Inc.	4/8/2015	New York Sun Program, NY-Sun	9,072.0
	4/14/2015	New York Sun Program, NY-Sun	7,056.0
	6/15/2015	New York Sun Program, NY-Sun	7,056.0
	8/10/2015	New York Sun Program, NY-Sun	5,400.0
	8/31/2015	New York Sun Program, NY-Sun	6,156.0
	9/18/2015	New York Sun Program, NY-Sun	6,156.0
	9/21/2015	New York Sun Program, NY-Sun	216.0
	9/24/2015	New York Sun Program, NY-Sun	6,156.0
Fribeca Management, LLC	6/30/2015	NCP10660 - Baccarat Hotel & R	225,379.0
Tibood Managomoni, 220	0,00,2010	New Construction Program, NCP10660 - Baccarat Hotel & R	273,403.0
Friborough Preservation LLC	E/A/201E		208,000.0
Tibolough Fleservation LLO	5/4/2015	Multifamily Performance Program, Multifamily	25,000.0
	5/26/2015	Multifamily Performance Program, Multifamily	331,000.0
Falalla Washington Inc.	5/27/2015	Multifamily Performance Program, Multifamily	
Figlia Technologies, Inc.	7/16/2015	Renewable Heat NY, Energy and Environmental Perfo	250,000.0
rinity Heating & Air, Inc.	4/9/2015	New York Sun Program, NY-Sun	5,304.0
	4/23/2015	New York Sun Program, NY-Sun	7,606.0
	4/29/2015	New York Sun Program, NY-Sun	14,509.0
	5/5/2015	New York Sun Program, NY-Sun	36,458.0
	5/27/2015	New York Sun Program, NY-Sun	12,821.0
	7/6/2015	New York Sun Program, NY-Sun	5,824.0
	7/27/2015	New York Sun Program, NY-Sun	11,826.0
	8/13/2015	New York Sun Program, NY-Sun	7,039.0
rinity West Harlem Phase Two Limited Pa	9/29/2015	Multifamily Performance Program, Multifamily	115,000.0
Triple T Electric Inc	4/27/2015	New York Sun Program, NY-Sun	5,616.0
roy Web Consulting, LLC	5/26/2015	Energy Analysis, SEP Comment Website	20,000.0
True Energy Solutions	5/4/2015	Home Performance with Energy Star, Meadow Brook North Apartment	99,650.0
	5/18/2015	Home Performance with Energy Star, Viking Sweden Apartments	82,418.0
rust for Conservation Innovation	7/14/2015	Advanced Energy Codes, Energy Code Support Services	250,637.0
Fungsten Sources, LLC	8/12/2015	Innovation Capacity & Business Development, Transformative Technol	400,000.0
W Telecom	8/27/2015	Administration OH, Information Technology	51,147.2
Two Bridges Neighborhood Council, Inc.	7/14/2015	Smart Grid Systems, City of NY Two Bridges	100,000.0
Jnique Comp Inc.	7/16/2015	Administration OH, Server Contractor	167,700.0
Jnique Technical Services, LLC	6/4/2015	Clean Transportation, Unique Technical Services LLC	49,362.0
Jnited Hebrew of New Rochelle	4/1/2015	New Construction Program, NCP12511 - Willow Gardens/Mead	15,058.7
United Semiconductors, LLC	4/24/2015	Advanced Buildings, Advanced Buildings Technology	100,000.0
Jnited Talmudical Academy	8/7/2015	NCP9257 - Bais Ruchel High Sch	55,116.0
-		New Construction Program, NCP9257 - Bais Ruchel High Sch	77,860.0
	8/21/2015	Flexible Technical Assistance Program, FlexTech Program	5,000.0

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United Wind Project I, LLC	9/11/2015	Small Wind, Wind Turbine Incentive	117,113.0
	9/16/2015	Small Wind, Wind Turbine Incentive	434,214.0
	9/17/2015	Small Wind, Wind Turbine Incentive	201,564.0
	9/21/2015	Small Wind, Wind Turbine Incentive	75,060.0
	9/29/2015	Small Wind, Wind Turbine Incentive	38,141.0
Jnited Wind, Inc.	4/7/2015	Small Wind, Wind Turbine Incentive	79,224.0
	5/22/2015	Small Wind, Wind Turbine Incentive	125,731.0
	6/2/2015	Small Wind, Wind Turbine Incentive	38,677.0
	6/29/2015	Small Wind, Wind Turbine Incentive	36,107.0
	7/9/2015	Small Wind, Wind Turbine Incentive	40,923.0
Jniversity at Albany	6/2/2015	New Construction Program, NCP12868 - UAlbany Onondaga Re	20,963.0
Iniversity of Rochester	4/1/2015	New Construction Program, NCP12656 - UR College Town Bld	15,345.0
	5/18/2015	New Construction Program, NCP12528 - UofR Strong West On	5,850.0
	5/27/2015	Environmental Research, Energy Related Air Quality	349,944.0
	6/16/2015	Annual Support for Laboratory	750,000.0
	9/11/2015	Existing Facilities Program, EFP2387-University of Rocheste	35,556.6
		New Construction Program, NCP12144 - UofR Outpatient Ima	41,610.0
	9/24/2015	New Construction Program, NCP12410 - Institute for Data	16,933.0
Jpper Mohawk Valley Mem. Audit Authority	5/7/2015	New Construction Program, NCP12472 - Utica Memorial Audi	14,238.0
Upstate Alternative Energy	4/3/2015	New York Sun Program, NY-Sun	9,680.0
	4/16/2015	New York Sun Program, NY-Sun	6,160.0
	6/7/2015	New York Sun Program, NY-Sun	8,379.0
Ipstate Energy Solutions	5/27/2015	New York Sun Program, NY-Sun	20,655.0
JS Energy Concierge Inc	8/7/2015	New York Sun Program, NY-Sun	5,814.0
3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	8/10/2015	New York Sun Program, NY-Sun	6,783.0
IS Green Building Council	6/4/2015	Smart Grid Systems, PEER Fundamentals Training	12,500.0
/an Ernst Refrigeration Sauders Store In	7/16/2015	New Construction Program, NCP12453 - Sauders Store Inc	26,395.0
arun Sivaram	8/7/2015	Energy Analysis, Consulting Services	32,175.0
/eeder Hospitality Management, LLC	6/2/2015	Multifamily Performance Program, 2015 LIFE Regional Saratoga	220.0
/enture Farms LLC	6/16/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	51,470.8
			5,392.0
/erengo, Inc.	4/10/2015	New York Sun Program, NY-Sun	217,784.3
/erizon Corporate Services Group	6/30/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	860,074.8
/erizon NY Inc.	6/10/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	
/iacom International, Inc.	7/9/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	48,253.7
/idaris, Inc.	4/27/2015	New Construction Program, Technical Assistant Services	34,993.0
	4/28/2015	New Construction Program, Technical Assistant Services	6,000.0
	5/11/2015	New Construction Program, Technical Assistant Services	11,454.5
		Technical Assistant Services	6,454.5
	5/12/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	17,103.0
	6/2/2015	New Construction Program, Technical Assistant Services	20,500.0
		Technical Assistant Services	15,500.0
	6/4/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	41,714.0
	6/23/2015	New Construction Program, Technical Assistant Services	4,531.
		Technical Assistant Services	4,531.5
	7/2/2015	New Construction Program, Technical Assistant Services	3,000.0
		Technical Assistant Services	3,000.0
	7/3/2015	New Construction Program, Technical Assistant Services	44,500.0
		Technical Assistant Services	39,500.0
	8/3/2015	New Construction Program, Technical Assistant Services	28,422.0
		Technical Assistant Services	18,422.0
	8/4/2015	New Construction Program, Technical Assistant Services	3,250.0
		Technical Assistant Services	3,250.0
	9/3/2015	New Construction Program, Technical Assistant Services	5,064.5
		Technical Assistant Services	5,064.5
/iking Solar, Inc.	4/7/2015	Renewable Thermal, NY-Sun	5,075.0
	6/3/2015	Renewable Thermal, NY-Sun	5,088.0

Contractor	Contract Executed Date	Project Description	Total Contract Amount
Village of Arcade	6/3/2015	Smart Grid Systems, Village of Arcade NY Prize	96,934.00
Village of Bath Electric Gas &	6/16/2015	Smart Grid Systems, Bath Electric Gas & Water	98,677.00
Village of Cold Spring	8/19/2015	Cleaner Greener Communities, CGC30400 - Village of Cold Sp	62,625.00
Village of Croton-on-Hudson	6/29/2015	Smart Grid Systems, Village of Croton-On-Hudson	79,488.00
Village of Frankfort Electric Departmen	9/21/2015	Smart Grid Systems, Village of Frankfort NY Prize	100,000.00
Village of Freeport	6/26/2015	Smart Grid Systems, Village of Freeport NY Prize	100,000.00
Village of Irvington	8/3/2015	Smart Grid Systems, Village of Irvington NY Prize	79,488.00
Village of Malone	6/16/2015	Smart Grid Systems, Village of Malone NY Prize	100,000.00
Village of Newark Valley	4/20/2015	New York Sun Program, Solaize Spring 2015	5,000.00
Village of Rockville Centre	7/29/2015	Smart Grid Systems, Village of Rockville Centre	100,000.00
Village of Wappinger Falls	6/22/2015	Smart Grid Systems, Village of Wappingers Falls	100,000.00
Village of Westfield Electric Dept	5/27/2015	Smart Grid Systems, NY Prize Village of Westfield	96,933.00
Vincents Heating and Fuel Service, LLC	4/7/2015	Cleaner Greener Communities, CGC37964 - Pellet Hub	1,337,625.00
	4/16/2015	Renewable Heat NY, RHNY Residential Pellet Boiler	5,375.00
	9/9/2015	Renewable Heat NY, RHNY incentive- Pasco	9,500.00
Viola Homes Inc.	4/10/2015	Home Performance with Energy Star, RES-New Const & Adv Tech	900.00
		New York ENERGY STAR Homes, RES-New Const & Adv Tech	8,100.00
	4/16/2015	New York Sun Program, NY-Sun	5,494.00
	4/17/2015	New York Sun Program, NY-Sun	5,951.00
	5/1/2015	New York Sun Program, NY-Sun	10,529.00
	5/5/2015	New York Sun Program, NY-Sun	8,442.00
	5/6/2015	New York Sun Program, NY-Sun	5,494.00
	5/11/2015	New York Sun Program, NY-Sun	7,554.00
	5/15/2015	New York Sun Program, NY-Sun	6,867.00
	5/18/2015	New York Sun Program, NY-Sun	26,473.00
	6/4/2015	New York Sun Program, NY-Sun	5,951.00
	7/7/2015	New York Sun Program, NY-Sun	5,036.00
	7/21/2015	New York Sun Program, NY-Sun	10,301.00
	8/5/2015	New York Sun Program, NY-Sun	5,297.00
	8/6/2015	New York Sun Program, NY-Sun	12,361.00
	8/13/2015	New York Sun Program, NY-Sun	11,576.00
	8/31/2015	New York Sun Program, NY-Sun	7,325.00
	9/10/2015	New York Sun Program, NY-Sun	6,762.00
	9/18/2015		12,600.00
	9/24/2015	New York Sun Program, NY-Sun New York Sun Program, NY-Sun	6,671.00
			17,658.00
Viewel Ante December and December	9/29/2015	New York Sun Program, NY-Sun	
Visual Arts Research and Resouce Center	5/22/2015	New Construction Program, NCP98420 - East 125th St Fireh	27,601.00
Voltaic Solaire LLC	5/27/2015	New York Sun Program, NY-Sun	6,930.00
V-t- 0-1	7/30/2015	New York Sun Program, NY-Sun	5,873.00
Vote Solar	5/14/2015	Innovation, Innovation - CleanTransportat	109,207.34
		Workforce Development, Innovation - CleanTransportat	109,207.33
vXchnge	4/21/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	118,778.34
W.L. Kline, Inc.	4/7/2015	Home Performance with Energy Star, RES-New Const & Adv Tech	9,350.00
		New York ENERGY STAR Homes, RES-New Const & Adv Tech	84,150.00
Waldron Engineering of New York, P.C.	6/23/2015	Combined Heat and Power, FlexTech Consultant Selection	29,000.00
Walgreen's	6/23/2015	Existing Facilities Program, EFP2317 - Walgreen Multiple	14,018.87
Warren Pinnacle Consulting, Inc.	6/2/2015	Energy Analysis, SLAMM adaptation	266,400.11
Washington Gas Energy Systems Inc.	8/21/2015	NY Sun- Competitive PV, Competitive PV Program - Macy	767,617.00
		NY Sun- Competitive PV, Competitive PV Program - Macy'	672,094.00
		NY Sun- Competitive PV, NY Sun Competitive PV Program	285,004.00
	9/10/2015	NY Sun- Competitive PV, New York Sun Competitive PV Pr	1,473,387.00
Watchtower Bible &	5/15/2015	New Construction Program, NCP98811 - Services Building	48,820.00
	6/30/2015	New Construction Program, NCP10426 - Maintenance and Fit	195,254.50
	8/7/2015	New Construction Program, NCP98808 - Recreation Building	9,701.00
Water Environment Research Foundation	4/17/2015	Environmental Research, Cofunding energy R&D projects.	500,000.00
Waterfront New York	7/14/2015	New Construction Program, NCP11877 - WFNY Terminal Store	30,000.00

Contractor	Contract Executed Date	Project Description	Total Contract Amount
Waterfront NY Realty Corp	9/10/2015	Existing Facilities Program, EFP2401 - Waterfront New York	246,585.76
Waterside Plaza Ground Lessee LLC	5/11/2015	Multifamily Performance Program, Multifamily	955,500.00
Weaver Wind Energy, LLC	7/15/2015	Innovation Capacity & Business Development, Weaver Wind 15kW Win	839,057.00
Weitsman Shredding	5/27/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	35,201.64
Wendel Energy Services, LLC	5/22/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	150,632.00
	9/23/2015	Flexible Technical Assistance Program, FlexTech Consultant Selection	19,459.00
West Ridge Rd 2300 LLC	5/11/2015	New Construction Program, NCP12960 - 2300 West Ridge Roa	6,610.00
Westchester Auto Repair Service Inc.	5/18/2015	Fuel NY, GSP00244 - Westchester Auto Re	13,000.00
Western NY & PA Railroad	7/22/2015	Clean Transportation, Western NY & PA RR: locomotive	50,000.00
		Western NY & PA RR: locomotive	50,000.00
Whispering Pines Associates LLC	8/14/2015	Multifamily Performance Program, Multifamily	28,650.00
White Birch Enterprise LLC	5/26/2015	Multifamily Performance Program, Multifamily	11,250.00
White Brothers Enterprise Inc.	4/20/2015	Fuel NY, GSP00726 - White Brothers Ente	13,000.00
Whole Foods Market Group, Inc.	5/15/2015	New Construction Program, NCP11499 - Whole Foods Upper E	83,622.00
Wil-Roc Farms	7/6/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	210,977.33
	9/10/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	39,022.67
Wildcat Solar, LLC	8/18/2015	New York Sun Program, NY-Sun	5,124.00
Willdan Energy Solutions	4/7/2015	Industrial Process Efficiency Program, Technical Review and Program S	14,686.34
	6/10/2015	Smart Grid Systems, Tarrytown Community NY Prize	96,867.00
	6/29/2015	Smart Grid Systems, Village of Sleepy Hollow	96,867.00
	7/8/2015	Industrial Process Efficiency Program, Technical Review and Program S	8,909.66
	7/27/2015	Industrial Process Efficiency Program, Technical Review and Program S	105,000.00
	8/3/2015	Industrial Process Efficiency Program, Technical Review and Program S	6,972.33
	8/14/2015	Industrial Process Efficiency Program, Technical Review and Program S	33,111.66
	8/18/2015	Combined Heat and Power, C&I Outreach	15,611.78
	8/21/2015	Emerging Technology / Accelerated Commercializatio, Technical Revie	65,636.77
	9/2/2015	Existing Facilities Program, Technical Review and Program S	15,352.12
	9/9/2015	Existing Facilities Program, Technical Review and Program S	25,218.12
	9/10/2015	Existing Facilities Program, Technical Review and Program S	156,648.00
	9/17/2015	Existing Facilities Program, Technical Review and Program S	9,619.64
Willet Dairy, LLC	4/9/2015	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	40,322.25
	4/9/2015	Environmental Research, Environment Research	12,441.00
William F.Fitzgerald			26,264.00
Williams Honda	8/24/2015	New Construction Program, NCP12748 - Williams Honda Show	20,204.00
William Atauma Villama III C	0/44/2045		227 600 00
Williamstowne Village LLC	9/14/2015	Multifamily Performance Program, Multifamily	,
Williamsville Central School District	6/24/2015	New Construction Program, NCP11868 - North High School	7,740.00
Williamsville Central School District Willows PFA LLC	6/24/2015 7/2/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily	7,740.00 123,500.00
Williamsville Central School District Willows PFA LLC Windex Farm	6/24/2015 7/2/2015 5/14/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	7,740.00 123,500.00 7,200.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC	6/24/2015 7/2/2015 5/14/2015 9/16/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection	7,740.00 123,500.00 7,200.00 15,210.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc.	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc.	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Flexible Technical Assistance Program, FlexTech Program - Pon 1746	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Flexible Technical Assistance Program, FlexTech Program - Pon 1746 New Construction Program, Technical Assistance NCP	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00 16,290.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015 5/5/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Flexible Technical Assistance Program, FlexTech Program - Pon 1746 New Construction Program, Technical Assistance NCP Technical Assistance NCP	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.60 44,990.00 11,290.00 9,345.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015 5/5/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Flexible Technical Assistance Program, FlexTech Program - Pon 1746 New Construction Program, Technical Assistance NCP Technical Assistance NCP New Construction Program, Technical Assistance NCP	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00 16,290.00 11,290.00 9,345.00 4,345.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC WSP USA Corp.	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015 5/5/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Flexible Technical Assistance Program, FlexTech Program - Pon 1746 New Construction Program, Technical Assistance NCP Technical Assistance NCP New Construction Program, Technical Assistance NCP Technical Assistance NCP	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00 16,290.00 11,290.00 9,345.00 4,345.00 6,465.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC WSP USA Corp.	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015 5/5/2015 6/2/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Flexible Technical Assistance Program, FlexTech Program - Pon 1746 New Construction Program, Technical Assistance NCP Technical Assistance NCP New Construction Program, Technical Assistance NCP Technical Assistance NCP Flexible Technical Assistance Program, FlexTech Consultant Selection	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00 16,290.00 11,290.00 9,345.00 4,345.00 6,465.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC WSP USA Corp.	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015 5/5/2015 6/2/2015 7/24/2015 4/10/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Flexible Technical Assistance Program, FlexTech Program - Pon 1746 New Construction Program, Technical Assistance NCP Technical Assistance NCP New Construction Program, Technical Assistance NCP Technical Assistance NCP Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Industrial Process Efficiency	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00 16,290.00 11,290.00 9,345.00 4,345.00 6,465.00 66,161.12 24,330.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC WSP USA Corp.	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015 5/5/2015 6/2/2015 7/24/2015 4/10/2015 4/14/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Flexible Technical Assistance Program, FlexTech Program - Pon 1746 New Construction Program, Technical Assistance NCP Technical Assistance NCP New Construction Program, Technical Assistance NCP Technical Assistance NCP Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Industrial Process Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00 16,290.00 11,290.00 4,345.00 6,465.00 66,161.12 24,330.00 148,138.56
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015 5/5/2015 7/24/2015 4/10/2015 4/14/2015 5/27/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Flexible Technical Assistance Program, FlexTech Program - Pon 1746 New Construction Program, Technical Assistance NCP Technical Assistance NCP New Construction Program, Technical Assistance NCP Technical Assistance NCP Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Industrial Process Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00 16,290.00 11,290.00 9,345.00 4,345.00 6,465.00 66,161.12 24,330.00 148,138.56
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC WSP USA Corp.	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015 5/5/2015 6/2/2015 7/24/2015 4/10/2015 4/14/2015 5/27/2015 6/17/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Flexible Technical Assistance Program, FlexTech Program - Pon 1746 New Construction Program, Technical Assistance NCP Technical Assistance NCP New Construction Program, Technical Assistance NCP Technical Assistance NCP Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Industrial Process Efficiency Copier Purchase	237,600.00 7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00 16,290.00 11,290.00 4,345.00 6,465.00 66,161.12 24,330.00 148,138.56 15,674.00 675.00
Williamsville Central School District Willows PFA LLC Windex Farm WM Group Services, LLC Woodlawn Dairy Farm LLC Woodrow Housing Development Fund Woody Hill Farm Inc. World Kitchen, LLC WSP USA Corp.	6/24/2015 7/2/2015 5/14/2015 9/16/2015 6/15/2015 6/11/2015 9/23/2015 4/24/2015 6/30/2015 5/5/2015 7/24/2015 4/10/2015 4/14/2015 5/27/2015 6/17/2015 6/25/2015	New Construction Program, NCP11868 - North High School Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Combined Heat and Power, FlexTech Consultant Selection Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Multifamily Performance Program, Multifamily Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Flexible Technical Assistance Program, FlexTech Program - Pon 1746 New Construction Program, Technical Assistance NCP Technical Assistance NCP New Construction Program, Technical Assistance NCP Technical Assistance NCP Flexible Technical Assistance Program, FlexTech Consultant Selection Industrial Process Efficiency Program, Industrial Process Efficiency Industrial Process Efficiency Program, Industrial Process Efficiency Copier Purchase Industrial Process Efficiency Program, Industrial Process Efficiency	7,740.00 123,500.00 7,200.00 15,210.00 32,800.50 30,000.00 193,233.64 114,989.64 44,990.00 16,290.00 4,345.00 6,465.00 66,161.12 24,330.00 148,138.56 15,674.00 675.00

Contractor	Contract Executed Date	Project Description	Total Contract Amount
Xerox Corp	7/22/2015	Industrial Process Efficiency Program, Industrial & Agriculture	19,511.00
	8/10/2015	Innovation Capacity & Business Development, Roll2Roll Mfg of Teflon	63,933.00
	8/18/2015	Industrial Process Efficiency Program, Industrial Process Efficiency	18,955.92
	8/27/2015	Administration OH, Facilities Management	6,714.48
Yale Robbins Publications, LLC	7/22/2015	Combined Heat and Power, 2016 Cooperator Co-op & Condo	15,000.00
Yonkers LW Hotel Associates, L.P.	5/15/2015	New Construction Program, NCP10849 - Hyatt Place	51,844.00
You Save Green Incorporated	4/2/2015	New York Sun Program, NY-Sun	5,376.00
	4/9/2015	New York Sun Program, NY-Sun	5,796.00
	5/4/2015	New York Sun Program, NY-Sun	7,315.00
	5/27/2015	New York Sun Program, NY-Sun	12,348.00
	6/15/2015	New York Sun Program, NY-Sun	6,272.00
	8/7/2015	New York Sun Program, NY-Sun	6,720.00
	8/10/2015	New York Sun Program, NY-Sun	11,414.00
	8/20/2015	New York Sun Program, NY-Sun	5,115.00
	9/23/2015	New York Sun Program, NY-Sun	7,277.00
Zero Energy Homes, LLC	4/17/2015	New York Sun Program, NY-Sun	5,760.00
Zone 5, Inc.	4/15/2015	Administration OH, RFQL and RFP 1224	50,000.00
	9/21/2015	Administration OH, RFQL and RFP 1224	120,000.00
Grand Total			360,050,142.36

NYSERDA Public Authority Law Report April 1, 2015 to September 30, 2015

Section Break

Contractor	Project Description	Total Contrac Amoun
1st Light Energy, Inc.	New York Sun Program, NY-Sun	124,464.00
	New York Sun Program, PV Incentive Program	103,576.00
	Residential PV, NYSERDA Administration	160,760.00
	Residential PV, PV Incentive Program	97,112.00
	Residential PV, RES-New Const & Adv Tech	509,041.00
3M Company	Industrial Process Efficiency Program, Industrial Process Efficiency	413,910.00
4 NYP Ventures LLC	Industrial Process Efficiency Program, Industrial Process Efficiency	37,000.48
7x24 Exchange Metro NY Chapter, Inc.	Advanced Buildings, 2015 7x24 Exchange University	5,000.00
11 Madison Avenue LLC	Flexible Technical Assistance Program, FlexTech - PON1746	17,424.75
21 Judge Street, LLC	Multifamily	33,696.00
21C4E, Inc.	New York Sun Program, Solarize Spring 2015	5,000.00
24 West 57 APF LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	6,650.00
33 Greenwich Owners Corp	Green Jobs Green New York Revolving Loan Fund, Multifamily	5,510.00
	Multifamily Performance Program, Multifamily	90,600.00
44th Street Development LLC	New Construction Program, NCP10039 - Gotham West (44th S	244,023.00
45-18 LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	5,000.00
90 Huntington Associates Inc.	Multifamily Performance Program, Multifamily	79,570.00
92 Equities, LLC	Multifamily Performance Program, Multifamily	20,299.74
125 Maiden Lane Condominium	Existing Facilities Program, Existing Facilities Program	151,537.28
130 West 42nd Street Development Owner,	Flexible Technical Assistance Program, FlexTech Program - PON1746	11,500.00
132 West 31st Building Investors II LLC	Existing Facilities Program, Existing Facilities Program -	14,420.00
133 Equities, LLC	Multifamily Performance Program, Multifamily	60,000.0
170 Broadway NYC LP	New Construction Program, NCP10818 - 170 Broadway	104,770.00
230 Park Hold Co LLC	Flexible Technical Assistance Program, FlexTech Program	25,000.0
400 Central Park West Condominium	Green Jobs Green New York Revolving Loan Fund, Multifamily	8,140.00
	Multifamily Performance Program, Multifamily	248,400.00
421 Degraw LLC	Multifamily Performance Program, Multifamily Program	2,250.0
425 Lexington Realty Company LLC	Flexible Technical Assistance Program, FlexTech Program - Pon 1746	38,300.0
451 Lexington Realty, LLC	New Construction Program, NCP10766 - Project H (451 Lexi	56,923.0
521 Fifth Fee Owner LLC	Existing Facilities Program, EFP2089-SL Green - 521 5th Ave	13,523.6
529 Fifth Co. Holdings	Flexible Technical Assistance Program, Flex Tech - PON1746	17,570.0
548 4th LLC	Multifamily Performance Program, Multifamily	49,942.50
	·	17,242.50
598 Madison Leasing Corporation 600 Lexington Owner LLC	Flexible Technical Assistance Program, Flex Tech - PON1746 Existing Facilities Program, EFP2091-600 Lexington Owner	9,170.2
out Lexington Owner LLO		18,211.50
605-609 Realty, LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	2,205.0
605-609 Realty, LLC	Green Jobs Green New York Revolving Loan Fund, Multifamily	
770 Flactuit O	Multifamily Performance Program, Multifamily	27,195.00
770 Electric Corp.	New York Sun Program, RES-New Const & Adv Tech	43,500.00
787 Holdings, LLC	Existing Facilities Program, Existing Facilities Program PO	920,350.7
850 Corona Enterprise Inc.	Fuel NY, GSP00534 - 850 Corona Enterpri	10,000.0
1070 Washington Land Owner, LLC	Multifamily Performance Program, Multifamily	106,495.6
1150 Realty LLC	Multifamily Performance Program, Multifamily	14,401.0
1185 Straight Path Corp.	Fuel NY, GSP00397-001 - 1185 Straight P	9,963.8
	Fuel NY, GSP00397-002 - 1185 Straight P	9,963.8
1211 6th Avenue Property Owner, LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	8,500.0
1275 John Street LLC	New Construction Program, NCP12541 - John Street Buildin	12,405.0
	New Construction Program, NCP13147 - 1275 John Street Bu	5,598.00
1350 LLC	Flexible Technical Assistance Program, FT10372-SL Green - 1350 Ave	37,375.00
1533 Supermarket Inc	Existing Facilities Program, Existing Facilities Program PO	35,338.24
2000 North Corp.	Fuel NY, GSP00564 - 2000 North Corp.	13,000.00

Contractor	Project Description	Total Contract Amount
2025 Seward Partners, LLC	Multifamily Performance Program, Encumber - GEPP	150,225.00
2404 BCH OWNERS LLC	Multifamily Performance Program, Multifamily	74,000.00
2468 Group Inc	New Construction Program, NCP12732 - Rite Aid Brockport	6,900.00
2530 Foster Partners LLC	Multifamily Performance Program, Multifamily	24,000.00
4761 Broadway Assoc LLC	Multifamily Performance Program, Multifamily	18,004.00
A&M Tabolt Farms	Agriculture Energy Efficiency Program, Existing Facilities Program -	3,826.95
AB Petro Inc.	Fuel NY, GSP00567 - AB Petro Inc.	8,656.80
Accord Power, Inc.	New York Sun Program, PV Incentive Program	56,720.00
	New York Sun Program, RES-New Const & Adv Tech	7,875.00
Accredited Solar	New York Sun Program, NY-Sun	5,376.00
Ace Energy Company, Inc.	Existing Facilities Program, Existing Facilities Program PO	888,951.49
Active Solar Development, LLC	New York Sun Program, NY-Sun	21,896.00
	New York Sun Program, RES-New Const & Adv Tech	11,200.00
	Renewable Thermal, NY-Sun	6,000.00
	Renewable Thermal, RES-New Const & Adv Tech	171,977.00
Adam C. Boese	Flexible Technical Assistance Program, FlexTech Consultant Selection	50,050.00
Adam Hainer	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	41,936.67
Adam Pushlar Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	11,595.34
Adirondack Area Network	Administration OH, 2012 Video Recording Services	36,000.00
Adirondack North Country Association	New York Sun Program, Solarize Spring 2015	15,000.00
Aegis Energy Services Inc.	Combined Heat and Power, Bay Club #1 West Tower CHPA	135,000.00
riogioo.g, corriocoo.	Combined Heat and Power, Bay Club #2 East Tower CHPA	510,000.00
	Combined Heat and Power, The Kyoto Building CHP	148,500.00
Aegis Wind LLC	Small Wind, Wind Turbine Incentive	155,932.00
Aegis Willd LLC Aeonsolar	New York Sun Program, RES-New Const & Adv Tech	13,110.00
		21,024.00
Aero Conditioner Company, LLC	Clean Transportation, Innovation - Buildings	149,434.00
AGA 15th Street, LLC	Multifamily Performance Program, Multifamily	178,186.00
Agrana Fruit US, Inc.	New Construction Program, NCP11506 - Dennis Group (Agran	
Agro Farma, Inc	Industrial Process Efficiency Program, Existing Facilities IPE 3	2,569,426.88 45,000.00
Air Innovations, Inc.	Clean Transportation, Commercialization Option Progr	
Air Liquide	Industrial Process Efficiency Program, Industrial Process Efficiency	163,695.36 12,416.84
AKF-engineers	Existing Facilities Program, Flexible Technical Assistance	,
	Flexible Technical Assistance Program, Flexible Technical Assistance	179,184.62
	Flexible Technical Assistance Program, FlexTech Consultant Selection	87,251.40
Alan B. Foster D.B.A.	Multifamily Performance Program, Multifamily	130,200.00
Albany Housing Authority	Home Performance with Energy Star, RES-New Const & Adv Tech	800.00
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	7,200.00
Albany Medical Center Hospital	Existing Facilities Program, PON1219EE3	2,000,000.00
Alexanders Rego Shopping Center	Existing Facilities Program, EFP2227 - Alexander's Rego Sho	163,789.55
Alice Hyde Medical Center	New Construction Program, NCP12172 - Alice Hyde Nursing	30,000.00
All HVAC Service Co.	Existing Facilities Program, EFP2332 - 58-38 Page PI	2,934.51
Alliance Cooperative Energy LLC	New York Sun Program, NY-Sun	10,371.00
Alliance for Housing Inc.	Combined Heat and Power, CHP Demo at Seaside Plaza	287,500.00
	Multifamily Performance Program, Multifamily	466,302.00
Alliance Homes	Home Performance with Energy Star, RES-New Const & Adv Tech	3,350.00
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	30,150.00
Alliance to Save Energy	Administration OH, 2015 Associate Membership Dues	25,000.00
Allied Frozen Storage	Existing Facilities Program, EFP2323- Allied Mount Morris	17,502.48
Alta East	Fuel NY, GSP00788 - Alta East, Inc.	7,756.39
Alteris Renewables	New York Sun Program, NY-Sun	6,188.00

Contractor	Project Description	Total Contract Amount
Alteris Renewables	New York Sun Program, RES-New Const & Adv Tech	96,632.00
Alternative Fuel Boilers LLC	Advanced Buildings, EconoBurn Bus. Growth & Develo	120,000.00
Alternative Power Solutions of NY, LLC	New York Sun Program, NY-Sun	5,985.00
	New York Sun Program, PV Incentive Program	6,727.00
	New York Sun Program, RES-New Const & Adv Tech	142,410.00
Ambrosino, DePinto & Schmieder	New Construction Program, Technical Assistance Services	121,798.80
	Technical Assistance Services	61,660.00
AMERESCO, Inc.	Existing Facilities Program, EFP2241-Ameresco - Spackenkill	156,975.72
	Existing Facilities Program, Existing Facilities Program -	87,554.16
Amerex Brokers LLC	Sale of CAIR Allowances	29,369.00
American Biogas Conditioning LLC	Clean Transportation, Commercialization Option Progr	99,316.00
American Council for an Energy Efficient	Advanced Buildings, Game-Based EE Programs	15,000.00
-	Evaluation, Understand Net & Gross Savings	7,500.00
	Industrial Process Efficiency Program, 2015 ACEEE Ally Membership	10,000.00
	Industrial Process Efficiency Program, 2015 Summer Study on Industry	37,500.00
	Innovation Capacity & Business Development, 2015 Summer Study on	37,500.00
American Energy Care, Inc.	New York Sun Program, NY-Sun	16,320.00
	New York Sun Program, PV Incentive Program	10,162.00
	New York Sun Program, RES-New Const & Adv Tech	49,725.00
American Renewable Energy, Inc.	New York Sun Program, PV Incentive Program	5,297.00
This is a second	Residential PV, RES-New Const & Adv Tech	44,833.00
American Solar Partners, LLC	Green Jobs Green New York Revolving Loan Fund, PON 2033 OJT	20,383.80
American Joiai i artiers, ELO	New York Sun Program, NY-Sun	7,736.00
		40,150.00
	New York Sun Program, PV Incentive Program	81,100.00
	New York Sun Program, RES-New Const & Adv Tech	93,163.20
Angren Inc	Workforce Development, PON 2033 OJT	23,415.24
Anaren, Inc. Antares Group, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	
Antares Group, Inc.	Existing Facilities Program, Technical Review and Program S	10,193.27
	Flexible Technical Assistance Program, FlexTech Consultant Selection	30,821.60
	Industrial Process Efficiency Program, Industrial Process Efficiency	94,361.50
Autala la a	Industrial Process Efficiency Program, Technical Review and Program S	35,019.39
Antek, Inc.	Renewables & DER Interation, Hetero-junction PV Solar Cells	112,500.00
Anthony Tubolino	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	18,457.24
Appex Office Design Corp	Administration OH, NYC Office Moving Services	11,200.00
Apex Solar and Wind	Renewable Thermal, RES-New Const & Adv Tech	50,000.00
	Renewable Thermal, ST Incentive Program	19,113.00
	Workforce Development, PON 2033 OJT	49,354.23
Apex Solar Power LLC	New York Sun Program, NY-Sun	164,690.00
	Renewable Thermal, RES-New Const & Adv Tech	22,398.00
Applied Energy Group, Inc.	Emerging Technology / Accelerated Commercializatio, Technical Revie	8,604.90
	Existing Facilities Program, Technical Review and Program S	2,206.00
Aramark Management Srvc Ltd Prtnshp	Flexible Technical Assistance Program, FlexTech Consultant Selection	2,760.00
Arcadis of New York, Inc.	Innovation, Village of Endicott Biogas FS	22,496.76
Arcadis U.S., Inc.	Existing Facilities Program, Technical Review and Program S	392,388.75
	Industrial Process Efficiency Program, Technical Review and Program S	10,484.26
Arista Power Inc.	New York Sun Program, RES-New Const & Adv Tech	40,200.00
ARJ Gas Co. Inc.	Fuel NY, GSP00404 - ARJ Gas Co., Inc.	9,183.58
ARJ Gas N Mart Inc.	Fuel NY, GSP00407 - ARJ Gas N Mart Inc.	8,522.71
Arosa Solar Energy Systems Inc.	Residential PV, RES-New Const & Adv Tech	111,350.00
Arzu Petroleum Corporation	Fuel NY, GSP00469-001 - Arzu Petroleum	9,862.07

Arzu Petroleum Corporation Ashokan Foundation, Inc.	Fuel NY, GSP00469-002 - Arzu Petroleum Fuel NY, GSP00469-003 - Arzu Petroleum	9,862.07
Ashokan Foundation, Inc.	Fuel NY, GSP00469-003 - Arzu Petroleum	0.000.07
Ashokan Foundation, Inc.		9,862.07
Ashokan Foundation, Inc.	Fuel NY, GSP00469-005 - Arzu Petroleum	9,862.07
Ashokan Foundation, Inc.	Fuel NY, GSP00469-007 - Arzu Petroleum	9,862.07
	New Construction Program, NCP98515 - Main Esopus Lodge (6,794.00
	New Construction Program, NCP98516 - Beaverkill Village	3,762.00
Aspire of Western New York, Inc	New Construction Program, NCP11422 - Aspire of WNY (Aspi	24,705.00
Association for Energy Affordability, In	2015 AEA Multifamily Buildings	25,000.00
	Multifamily Performance Program, 2015 AEA Multifamily Buildings	25,000.00
Astoria Blvd Gas Inc.	Fuel NY, GSP00438 - Astoria Blvd. Gas I	10,000.00
Astrum Solar, Inc.	New York Sun Program, NY-Sun	318,350.00
	New York Sun Program, PV Incentive Program	20,282.00
	New York Sun Program, RES-New Const & Adv Tech	278,953.00
Atelier Ten	New Construction Program, Technical Assistance Services	44,955.59
	Technical Assistance Services	31,597.00
Atlantic Center Fort Green Associates LP	Existing Facilities Program, EFP2254 - First New York - Atl	22,500.00
Atlantic Towers Apt Corp	Green Jobs Green New York Revolving Loan Fund, Multifamily	12,680.00
	Multifamily Performance Program, Multifamily	295,800.00
Automated Building Control Inc	Existing Facilities Program, Existing Facilities Program -	132,663.68
Autonomous Energies LLC	New York Sun Program, NY-Sun	19,908.00
Baker Brook Dairy LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	81,004.10
Bank of China	Flexible Technical Assistance Program, FlexTech - PON1746	15,000.00
Bank of New York	Green Jobs Green New York Revolving Loan Fund, Office of the Treas	5,000.00
Banner Auto Inc.	Fuel NY, GSP00125 - Banner Auto Inc.	9,862.07
Barber Brothers Dairy	Agriculture Energy Efficiency Program, AEEP -Pre-Encumbered	63,113.89
Barnes Greenhouses	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	62,233.50
Barrier Free Living Inc	Multifamily Performance Program, Multifamily	40,000.00
Barton & Loguidice, D. P.C.	Flexible Technical Assistance Program, FlexTech Consultant Selection	24,426.00
BASF	Industrial Process Efficiency Program, Existing Facilities - IPE 2	117,533.50
Bath Avenue Car Care Inc.	Fuel NY, GSP00595 - Bath Avenue Car Car	8,300.00
Battery Energy Storage System	Clean Transportation, Graphene-Based Anodes	218,000.00
Battery Park City Authority	New Construction Program, NCP98016 - Pier A (Battery Par	144,561.00
Beam Charging LLC	Clean Transportation, Electric Vehicle Supply Equipm	8,153.68
Beatty's Services, Inc.	ADMIN, Tempory Employee for NYC Offic	22,308.00
	Administration OH, Tempory Employee for NYC Offic	62,577.71
Bella Energy, Inc.	New York Sun Program, NY-Sun	137,130.00
Bella Vista S/S Corp.	Fuel NY, GSP00427 - Bella Vista S/S Cor	9,852.44
Belmont Housing Resources for WNY, Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	10,000.00
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	90,000.00
Benchemark Printing, Inc.	Empower, Printing Services	3,378.85
Benderson-Rochester Assoc. LLC	New Construction Program, NCP11959 - Hiscock Barclay (Be	4,710.00
Bergmann Associates	Flexible Technical Assistance Program, FlexTech Consultant Selection	73,994.81
	Industrial Process Efficiency Program, Technical Review and Program S	15,535.20
	Renewable Heat NY, Technical Review and Program S	5,542.65
Berry Plastics	Industrial Process Efficiency Program, Industrial Process Efficiency	177,953.53
Best Energy Power	New York Sun Program, RES-New Const & Adv Tech	115,936.00
	Residential PV, RES-New Const & Adv Tech	33,600.00
Best Shopping Inc.	Fuel NY, GSP00533 - Best Shopping Inc.	10,000.00
BOSE GROUPPING INC.	3	45,000.00
Bethlehem Central School District	Flexible Technical Assistance Program, FlexTech - PON1746	₩5,000.00

Contractor	Project Description	Total Contract
Beyer Blinder Belle	New Construction Program, NCP12188 - 120 Broadway	6,505.00
Biel's Information Technology	acquisition microfilm reader	6,474.00
	West Valley Development Program, acquisition microfilm reader	600.00
Big Apple Petroleum Realty LLC	Fuel NY, GSP00541 - Big Apple Petroleum	9,922.42
Bill Wolf Petroleum Maintenance LLC	Fuel NY, GSP00370-001 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00370-002 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00370-003 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00370-006 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00370-007 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00370-008 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00370-009 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00370-010 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00371-001 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00371-003 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00371-004 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00371-009 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00373-003 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00374-002 - Bill Wolf Petro	9,852.44
	Fuel NY, GSP00424-001 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00424-004 - Bill Wolf Petro	9,871.69
	Fuel NY, GSP00424-006 - Bill Wolf Petro	9,871.69
Binghamton State University	Flexible Technical Assistance Program, Technical Assistance	41,180.00
Binghamton University	Existing Facilities Program, Existing Facilities Program -	72,157.00
BioBAT, Inc.	New Construction Program, NCP98744 - BioBat, Inc.	49,937.00
BioDiversity Research Institute	Environmental Research, Estimating Costs OSW Wildlife	26,100.00
	Environmental Research, Eval. of Hg in LI pine barrons	48,476.88
	Innovation, Eval. of Hg in LI pine barrons	11,371.12
Biomass Thermal Energy Council	Environmental Research, Biomass Education and Outreach	39,990.74
BJ's Wholesale Club	Existing Facilities Program, EFP2231 - BJ's 4 Sites	30,472.80
Bloomberg, L.P.	Industrial Process Efficiency Program, Industrial and Process Efficie	11,152.39
Blue Ridge Greenhouses Inc	Existing Facilities IPE 3	216,900.00
Blue Sea Development Company, LLC		12,000.00
Bide dea Development Company, LLC	Green Jobs Green New York Revolving Loan Fund, Multifamily	112,500.00
Phus Clay Ontimum Engravy Inc	Multifamily Performance Program, Multifamily	80,750.00
Blue Sky Optimum Energy, Inc.	Advanced Buildings, Esterfied Trap Grease	61,445.00
Blueland LLC	New York Sun Program, RES-New Const & Adv Tech	20,946.47
Bonduelle	Industrial Process Efficiency Program, Industrial Process Efficiency	
Bottling Group, LLC	Industrial Process Efficiency Program, Industrial and Process Efficie	131,316.38
BPCA NYS Inc.	Green Jobs Green New York Revolving Loan Fund, Training, Field Exa	235,525.00
Duand/Cool Maukating	Workforce Development, WF Training Energy Efficiency	9,560.00
Brand/Cool Marketing	Empower, RFQL and RFP 1224	1,521,918.47
	Home Performance with Energy Star, RFQL and RFP 1224	3,496,002.42
Duides Foot #5 Composition	RFQL and RFP 1224	4,877,904.50
Bridge East #5 Corporation	Multifamily	400.00
	Multifamily Performance Program, RES-Multifam(no longer in use)	3,420.00
	RES-Multifam(no longer in use)	4,580.00
Bright Power, Inc.	Renewables & DER Interation, Cold Water Bypass in BLDGs	50,000.00
Brink Family Farm, LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	17,059.57
Bronx VA Medical Center	Flexible Technical Assistance Program, Flex Tech - PON1746	366,247.39
Brookhaven National Lab	Smart Grid Systems, EPTD Smart Grid Program	249,996.00
Broome County	Flexible Technical Assistance Program, Flex Tech - PON1746	12,073.00

New York Sun Program, RES-New Const & Adv Tech Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Green Jobs Green New York Revolving Loan Fund, Multifamily	6,899.00
	22,932.41
Green Johs Green New York Revolving Loan Fund, Multifamily	22,002.11
Green bobs Green New York Nevolving Loan Fana, Makhaniny	10,350.00
Multifamily Performance Program, Multifamily	105,766.00
New Construction Program, NCP10618 - Houston Gymnasium	78,155.00
New York Sun Program, RES-New Const & Adv Tech	10,320.00
Agriculture Energy Efficiency Program, 1219AGEPS1	21,262.30
New York Sun Program, RES-New Const & Adv Tech	215,000.00
Existing Facilities Program, Existing Facilities Program -	80,956.80
Green Jobs Green New York Revolving Loan Fund, Zodiac Title - Cove	26,669.50
Combined Heat and Power, FlexTech Consultant Selection	24,288.00
Existing Facilities Program, Existing Facilities Tech Assis	1,174.80
	9,779.51
	13,868.07
ů ř	11,434.30
	20,147.77
	26,403.53
	63,522.21
	10,440.75
-	17,826.72
	93,399.48
	30,000.00
	306,778.00
	8,312.50
·	21,197.90
·	2,782.20
·	38,028.48
	16,800.00
-	207,200.00
	22,191.91
	50,348.40
	117,269.13
	9,710.88
	33,392.00
	102,746.00
	60,575.00
	7,454.91
	243,513.81
	243,513.81
	9,862.07
	94,688.77
	14,000.85
	120,375.01
, ,	21,817.27
	2,555.00
2	14,856.68
	17,810.00
	19,501.26
	10,000.00 90,000.00
	New York Sun Program, RES-New Const & Adv Tech Existing Facilities Program, Existing Facilities Program - Green Jobs Green New York Revolving Loan Fund, Zodiac Title - Cove

Contractor	Project Description	Total Contract Amount
CDWG, Incorporated	Administration OH, SNOW software licensing - 3 yr	19,850.99
	Administration OH, Upgrade to Adobe XI Pro Licens	39,979.00
Cedar Hill Cemetary Association	Industrial Process Efficiency Program, Industrial Process Efficiency	32,610.00
Central Harlem MHA, Inc.	Multifamily Performance Program, Encumber - GEPP	5,775.00
	Multifamily Performance Program, RES-Multifam(no longer in use)	29,675.00
Century 21 Department Stores LLC	Existing Facilities Program, EFP2379 - Century 21 Rego Park	201,000.00
Ceralink, Inc.	Renewables & DER Interation, Externally Gapped Line Arreste	199,914.00
	Smart Grid Systems, Externally Gapped Line Arreste	39,981.00
Certified Heating Oils, Inc.	Fuel NY, GSP00014-001 Certified Heating	9,871.69
	Fuel NY, GSP00014-002 Certified Heating	9,871.69
CHA Consulting Inc.	Agriculture Energy Efficiency Program, Technical Review and Program S	75,000.00
	Combined Heat and Power, Technical Review and Program S	50,000.00
	Existing Facilities Program, Technical Review and Program S	50,763.11
	Flexible Technical Assistance Program, Technical Review and Program.	187,500.00
	Industrial Process Efficiency Program, Technical Review and Program S	246,503.01
Chand Springfield Corp.	Fuel NY, GSP00714 - Chand Springfield C	10,000.00
ChargePoint, Inc.	Clean Transportation, Coulomb Technologies PON 2301	986,296.01
Charles E. & Vanessa M. Worden	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	38,750.25
		6,781.43
Chand Bogowski Form	Clean Transportation, Chenango Forks CSD: PON 1896	
Cheryl Rogowski Farm	Agriculture Energy Efficiency Program, AGDIS - Pre-Encumbered	13,450.00
Chesner Engineering, P.C.,	Clean Transportation, QC for Construction Material	333,693.00
Chittenango CSD	Flexible Technical Assistance Program, Flex Tech - PON1746	32,485.00
Christine Van Lenten	Environmental Research, Environmental R&D: Writing	2,880.00
CIR ELECTRICAL CONSTRUCTION CORP.	New York Sun Program, NY-Sun	79,809.00
	New York Sun Program, RES-New Const & Adv Tech	16,095.00
City Of New York	New Construction Program, NCP7836 - Mind Builders (NYC D	34,276.00
City of Saratoga Springs, NY	New York Sun Program, Solarize Spring 2015	5,000.00
CLA WNY LLC	New Construction Program, NCP12340 - Gateway Apartments	12,280.00
Claire Weisz Architects	Clean Transportation, EV Tourism in the Empire State	75,000.00
Clarkson University	Clean Transportation, Plasma Actuated Drag Reduction	38,450.81
	Environmental Research, EMEP: Air Quality Research	40,000.00
	New Construction Program, NCP11616 - Clarkson Old Main	7,315.00
CLD Industries	Advanced Buildings, Geothermal Monitoring Systems,	50,000.00
	Renewables & DER Interation, Geothermal Monitoring Systems,	299,995.00
Clean Energy States Alliance	Innovation, CESA Year 12 Membership	68,500.00
Cleantech Group, Inc.	Innovation Capacity & Business Development, I3 Database Subscriptio	5,000.00
Climate Policy Initiative	NY Sun, CPI Review NYPA RenewCo / OpCo	48,000.00
Clinton Central School District	Clean Transportation, Clinton CSD - PON 1896	44,109.00
Clough, Harbour & Associates, LLP	Combined Heat and Power, FlexTech Consultant Selection	43,739.93
	EFP Task Work Order	11,301.60
	Existing Facilities Program, EFP Task Work Order	111,387.46
	Existing Facilities Program, Existing Facilities Tech Assis	15,133.86
	Flexible Technical Assistance Program, FlexTech Consultant Selection	206,500.92
	Flexible Technical Assistance Program, Resiliency & Emergency Prepa	20,752.81
	Industrial Process Efficiency Program, EFP Task Work Order	268,504.50
	Industrial Process Efficiency Program, Existing Facilities Tech Assis	47,583.84
	New Construction Program, EFP Task Work Order	26,971.22
CNY Solar, Inc.	New York Sun Program, NY-Sun	94,736.00
,	New York Sun Program, PV Incentive Program	4,896.00
	New York Sun Program, RES-New Const & Adv Tech	101,659.00

Contractor	Project Description	Total Contract Amount
Coca-Cola Refreshments USA, Inc.	Flexible Technical Assistance Program, FlexTech Program	144,000.00
Code Green Solutions, Inc.	New Construction Program, NCP11472 - 635 6th Avenue	30,000.00
Collegiate Builders	New York Sun Program, NY-Sun	7,776.00
Collins Knoll Farm, LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	35,663.53
Columbia University	Energy Analysis, Updated climate projections	48,479.65
Columbia University Medical Center	Existing Facilities Program, EFP1909 - Columbia University	45,595.68
Comalli Group, Inc.	Existing Facilities Program, EFP2390-Comalli Group - Picott	27,996.55
Comfortex Window Fashions	Renewables & DER Interation, Energy Saving Dynamic Windows	329,099.68
Community Bank NA	New Construction Program, NCP11546 - 2014 Operations Cen	11,474.00
Community Health Center of Richmond	New Construction Program, NCP12103 - Outpatient Clinic	5,540.00
Community Power Network of NYS, Inc.	Energy Efficiency Career Pathw	84,310.00
	Green Jobs Green New York Revolving Loan Fund, Energy Efficiency	340,172.00
Comverge Incorporated	Existing Facilities Program, Existing Facilities Program -	77,885.44
Concur Technologies, Inc.	Administration OH, Concur Technologies 2015 Servi	15,608.72
Conscious Energy Inc.	New York Sun Program, RES-New Const & Adv Tech	9,000.00
Conservation Services Group Inc.	GJGNY Training and Implementat	200,000.00
	Green Jobs Green New York Revolving Loan Fund, GJGNY Training a	1,083,061.94
Conservation Services Group, Inc.	Assisted Home Performance with Energy Star, Program Implementatio	431,559.31
	Home Performance with Energy Star, Implementation & Support Servi	175,768.72
	Home Performance with Energy Star, Program Implementation Service	1,112,649.36
	Implementation & Support Servi	438,637.14
	New York ENERGY STAR Homes, Implementation & Support Servi	996,023.22
	Program Implementation Service	183,843.60
Consolidated Edison Company	Existing Facilities Program, Commercial	1,829,882.86
Consortium for Energy Efficiency, Inc.	Market Pathways, 2015 CEE Consumer Electronics	20,000.00
Continental Automated Buildings Associat	New Construction Program, CABA NZEB Controls Study	10,000.00
Cornell Coop Ext Livingston County	Environmental Research, long-day EE lighting for dairy	13,152.44
Cornell Cooperative Extension - Tompkins	Environmental Research, Increasing the Efficiency of W	47,122.87
Cornell Cooperative Extension of Schuyle	New York Sun Program, Solarize Spring 2015	5,000.00
Cornell University	Advanced Buildings, Performance of Pellet Stoves &	102,198.00
	Clean Energy Technology Traini	415,662.73
	Clean Transportation, Clean Energy Technology Traini	273,868.04
	Environmental Research, Environment Research	14,612.04
	Environmental Research, Performance of Pellet Stoves &	14,023.72
	Existing Facilities Program, EFP1694-Cornell	355,744.32
	Existing Facilities Program, PON1219EE5	58,873.20
	Innovation, Environment Research	50,000.00
Cornell University-Office of Sponsored P	Environmental Research, Events	14,000.00
outlies of opensored i	Innovation Capacity & Business Development, Biomimetic Polymer Syn	50,000.00
	Innovation Capacity & Business Development, Events	14,000.00
Corning City School Dictrict	New Construction Program, NCP11566 - Corning Painted Pos	107,509.00
Corning City School District		177,511.01
Corning Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	89,827.00
Coty Inc Crest Solar LLC	New Construction Program, NCP11230 - Coty LEED at Empire	
Oldst Goldi EEG	New York Sun Program, PES New Const & Adv Tech	7,200.00 22,800.00
Crostwood Lake Heights Section One Heldi	New York Sun Program, RES-New Const & Adv Tech	
Crestwood Lake Heights Section One Holdi	Green Jobs Green New York Revolving Loan Fund, Multifamily	41,100.00
Conses County Potential	Multifamily Performance Program, Multifamily	484,592.00
Cross County Petroluem Inc.	Fuel NY, GSP00306 - Cross County Petro	9,925.00
Crossings Propert Development LLC	New Construction Program, NCP12320 - Clifton Park Medica	11,970.00
Culver Terrace LLC	Multifamily Performance Program, Multifamily	86,000.00

	Amount
Fuel NY, GSP00445-001 - Cumberland Farm	9,862.07
Fuel NY, GSP00446-001 - Cumberland Farm	9,871.69
Fuel NY, GSP00446-002 Cumberland Farms	9,871.69
Fuel NY, GSP00446-003 - Cumberland Farm	9,871.69
Fuel NY, GSP00446-007 - Cumberland Farm	9,871.69
Fuel NY, GSP00446-008 - Cumberland Farm	9,871.69
Fuel NY, GSP00447 - Cumberland Farms In	9,871.69
Fuel NY, GSP00451-010 - Cumberland Farm	9,862.07
Fuel NY, GSP00454-001 - Cumberland Farm	9,871.69
Fuel NY, GSP00454-002 - Cumberland Farm	9,871.69
Fuel NY, GSP00454-004 - Cumberland Farm	9,862.07
Fuel NY, GSP00454-007 - Cumberland Farm	9,862.07
Fuel NY, GSP00457-004 - Cumberland Farm	9,871.69
Fuel NY, GSP00457-005 - Cumberland Farm	9,871.69
Fuel NY, GSP00457-007 - Cumberland Farm	9,871.69
Fuel NY, GSP00458-010 - Cmberland Farm	9,871.69
	9,987.14
	9,852.44
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	9,862.07
	5,925.56
	108,335.11
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	15,466.40
	108,119.28
	655,172.78
	67,151.84
	320,279.52
	56,893.28
	13,000.00
•	14,000.00
	7,402.50
	10,000.00
	23,366.00
	28,623.36
	25,500.00
	840,000.00
·	10,400.00
	15,128.00
<u> </u>	237,571.00
New York Sun Program, NY-Sun	6,000.00
New York Sun Program, RES-New Const & Adv Tech	186,030.00
14044 TOTA OUT TOGISHI, INLOTINEW OUTSLOCALLY TECH	
Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	111 hxu ///
Agriculture Energy Efficiency Program, Agriculture Energy Efficiency New Construction Program, NCP12263 - Field & Stream Henry	
New Construction Program, NCP12263 - Field & Stream Henr	10,589.44 5,390.00 5,390.00
	Fuel NY, GSP00446-003 - Cumberland Farm Fuel NY, GSP00446-008 - Cumberland Farm Fuel NY, GSP00447 - Cumberland Farm Fuel NY, GSP00451-010 - Cumberland Farm Fuel NY, GSP00451-010 - Cumberland Farm Fuel NY, GSP00454-001 - Cumberland Farm Fuel NY, GSP00454-002 - Cumberland Farm Fuel NY, GSP00454-004 - Cumberland Farm Fuel NY, GSP00454-007 - Cumberland Farm Fuel NY, GSP00457-004 - Cumberland Farm Fuel NY, GSP00457-005 - Cumberland Farm Fuel NY, GSP00457-005 - Cumberland Farm Fuel NY, GSP00457-005 - Cumberland Farm Fuel NY, GSP00457-007 - Cumberland Farm Fuel NY, GSP00458-010 - Cmberland Farm Fuel NY, GSP00450-003 - Cumberland Farm Fuel NY, GSP00460-008 - Cumberland Farm Fuel NY, GSP00460-008 - Cumberland Farm Fuel NY, GSP00460-003 - Cumberland Farm Fuel NY, GSP00461-003 - Cumberland Farm Fuel NY, GSP00461-003 - Cumberland Farm Fuel NY, GSP00462-003 - Cumberland Farm Fuel NY, GSP00462-003 - Cumberland Farm Fuel NY, GSP00461-008 - Cumberland Farm Fuel NY, GSP00462-003 - Cumberland Farm Fuel NY, GSP00732 -

Contractor	Project Description	Total Contract Amount
Doherty Electric, LLC	New York Sun Program, NY-Sun	13,440.00
	New York Sun Program, RES-New Const & Adv Tech	18,696.00
Donald J. Geisel & Assoc Inc	Clean Transportation, ADVANCED TRANSPORTATION TECHNO	88,260.00
Douglas Riehlman	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	22,414.61
Dow Jones & Company Inc	Industrial Process Efficiency Program, IPE12162 NY Post	72,548.32
Dowd-Witbeck Printing Corp.	Administration OH, Printing Services-MWBE	4,549.00
	Empower, Printing Services	177.00
Dr. Chris Caldwell	Home Performance with Energy Star, Codes & New Construction	8,000.00
Dr. Shlomo P. Neuman	Performance Peer Review	2,375.00
	West Valley Development Program, Performance Peer Review	250.00
Drakes Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	94,580.93
DS Jamaica Gas Inc.	Fuel NY, GSP00758 - DS Jamaica Gas Inc.	9,003.96
Dynamic Construction of NNY, LLC	Advanced Buildings, Evaluation of Solar Ventilator	13,500.00
DynTek Services, Inc.	Administration OH, Check point upgrade	34,294.05
Earth Environmental Group, LLC	Renewable Thermal, RES-New Const & Adv Tech	99,020.00
Earthlink Business	Industrial Process Efficiency Program, Industrial Process Efficiency	76,842.72
East Irondequoit CSD	Combined Heat and Power, Distributed Generation as Comb	666,000.00
East River Dairy	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	75,818.76
East River Petroleum Realty LLC	Fuel NY, GSP00550 - East River Petroleu	9,922.42
	Fuel NY, GSP00552 - East River Petroleu	9,922.42
	Fuel NY, GSP00553 - East River Petroleu	9,922.42
	Fuel NY, GSP00555 - East River Petroleu	9,922.42
	Fuel NY, GSP00557 - East River Petroleu	9,922.42
	Fuel NY, GSP00576 - East River Petroleu	9,922.42
	Fuel NY, GSP00578 - East River Petroleu	9,922.42
	Fuel NY, GSP00580 - East River Petroleu	9,922.42
	Fuel NY, GSP00581 - East River Petroleu	9,922.42
	Fuel NY, GSP00582 - East River Petroleu	9,922.42
	Fuel NY, GSP00584 - East River Petroleu	9,922.42
	Fuel NY, GSP00585 - East River Petroleu	9,922.42
	Fuel NY, GSP00662 - East River Petroleu	9,922.42
	Fuel NY, GSP00663 - East River Petroleu	9,922.42
	Fuel NY, GSP00664 - East River Petroleu	9,922.42
Eastern Energy Solutions, Inc	Industrial Process Efficiency Program, Industrial Process Efficiency	21,378.00
Eastern Energy Systems Inc.	New York Sun Program, NY-Sun	5,376.00
Eastern Research Group, Inc.	Energy Analysis, Env R&D: Outreach & Writing	25,558.22
Lastern Research Group, mc.		254,282.89
Eastman Kadak Campany	Environmental Research, Env R&D: Outreach & Writing	
Eastman Kodak Company	Industrial Process Efficiency Program, Existing Facilities - IPE 2	197,245.56
EBSCO Industries, Inc.	Environmental Research, PlumX altmetrics 2015-2016	15,000.00
Ecovative Design LLC	Innovation Capacity & Business Development, Gel Assisted Casting	355,249.65
Ecovis, Inc.	New York Sun Program, RES-New Const & Adv Tech	5,967.00
EDR Syracuse Campus West, LLC	Multifamily Performance Program, Low/Moderate Income	15,000.00
	Multifamily Performance Program, Multifamily	251,647.50
Edward Gallagher	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	29,023.65
Efficient Lighting Consultants, Inc.	Existing Facilities Program, EFP2318-Efficient Lighting Con	33,351.15
Electric Power Research Institute	Environmental Research, Wind turbine noise assessment	224,959.00
	Smart Grid Systems, PV inverter	250,000.00
Emacx Systems, Inc.	Existing Facilities Program, Existing Facilities Program	21,185.44
	Existing Facilities Program, Existing Facilities Program -	232,898.88
EMCOR Services Betlem	Flexible Technical Assistance Program, FlexTech Consultant Selection	4,515.23
	40	

Contractor	Project Description	Total Contrac Amoun
EME Consulting Engineering Group, LLC	Existing Facilities Program, Existing Facilities Tech Assit	109,314.1
	Existing Facilities Program, Technical Review and Program S	74,109.3
	Flexible Technical Assistance Program, FlexTech Consultant Selection	964,776.4
	FlexTech Consultant Selection	65,448.5
	New Construction Program, Technical Assistance Services	115,414.4
	Technical Assistance Services	63,425.0
Emerald Cities Collaborative	New York Sun Program, Solarize Spring 2015	5,000.0
EMG International, Inc.	Environmental Research, AFB for N & P removal	27,950.8
	Industrial Process Efficiency Program, AFB for N & P removal	139,756.0
Empire State Realty Trust	Combined Heat and Power, Flex Tech - PON1746	195,000.0
Empower CES, LLC	New York Sun Program, RES-New Const & Adv Tech	46,277.0
Enalasys	Renewables & DER Interation, Comfort Pulse Pilot Program	14,896.2
Eneractive Solutions	Flexible Technical Assistance Program, FlexTech Consultant Selection	422,984.4
Energetics, Incorporated	Energy Analysis, Environmental R&D: Writing	13,629.6
	Environmental Research, Environmental R&D: Writing	1,835.9
	Region 4 Idle Reduction Study	74,996.9
Energy & Resource Solutions, Inc.	Emerging Technology / Accelerated Commercializatio, EFP Task Work	29,721.0
,	Existing Facilities Program, EFP Task Work Orders	283,831.2
	Existing Facilities Program, Technical Review and Program S	113,533.4
	Existing Facilities Program, Technical Review Services	97,734.2
	Flexible Technical Assistance Program, FlexTech Consultant ERS	37,017.5
	Fuel NY, EFP Task Work Orders	9,506.0
	Industrial Process Efficiency Program, EFP Task Work Orders	107,275.0
	Industrial Process Efficiency Program, Technical Review and Program S	52,696.0
	Industrial Process Efficiency Program, Technical Review Services	39,383.1
	, ,	104,257.9
	Market Pathways, EFP Task Work Orders Technical Review Services	4,430.0
Energy and Environmental Economics Inc		10,000.0
Energy and Environmental Economics Inc.	Innovation Capacity & Business Development, Modeling and Analytics	360,494.7
Energy Conservation & Supply, Inc.	Existing Facilities Program, EFP2348 - Energy Conservation	,
For a construction to a	Existing Facilities Program, Existing Facilities Program -	39,945.2
Energy Evolution Inc	Workforce Development, PON 2033-3 OJT	39,594.2
Energy Federation, Inc.	Empower, Purchase of CFL bulbs	16,805.2
Energy Improvement Corporation	Market Pathways, Enabling CPACE in NYS	867,505.5
Energy Intelligence	Innovation Capacity & Business Development, Road-Based Energy Har	84,887.1
Energy Spectrum Inc.	Existing Facilities Program, Existing Facilities Program	2,712.3
Energy Spectrum, Inc.	Existing Facilities Program, EFP1928 - Energy Spectrum	42,174.4
Energy Week Holdings, LLC	Administration OH, 2015 NYEW Sponsorship	5,000.0
EnergySolutions Services, Inc.	Radiation Protection Support	28,560.5
	West Valley Development Program, Radiation Protection Support	561,486.7
	West Valley Development Program, West Valley Hydrogeol. Support	53,865.3
Enerwise Global Technologies	Existing Facilities Program, Innovation - Buildings	6,000.0
Enlighten Power Solutions, LLC	New York Sun Program, NY-Sun	6,272.0
	Workforce Development, SBC4 RE OJT	87,609.0
Ensave, Inc.	Environmental Research, agriculture potential study	31,332.0
Environmental Control Inc.	New York Sun Program, RES-New Const & Adv Tech	25,272.0
Epergy, LLC	New York Sun Program, NY-Sun	30,644.0
Erdman Anthony & Associates, Inc.	Existing Facilities Program, Technical Review and Program S	15,540.0
	Industrial Process Efficiency Program, Technical Review and Program S	6,824.0
	New Construction Program, Technical Assistance Services	37,989.8
	Technical Assistance Services	1,064.8

Project Description	Total Contract Amount
New Construction Program, NCP10196 - ECMC - Long Term Ca	210,619.00
Existing Facilities Program, EFP2036 - Nyack Hospital - 160	107,000.88
Existing Facilities Program, EFP2063 - ESCO Energy Services	16,698.24
Clean Transportation, Electric Vehicle Supply Equipm	9,089.78
Green Jobs Green New York Revolving Loan Fund, Multifamily	5,625.00
Multifamily Performance Program, Multifamily	62,375.00
Green Jobs Green New York Revolving Loan Fund, PON 2033-3 OJT	15,719.37
Combined Heat and Power, On-Site Power	63,491.48
Flexible Technical Assistance Program, FlexTech - PON1746	8,250.00
New York Sun Program, RES-New Const & Adv Tech	89,766.00
Flexible Technical Assistance Program, FlexTech Consultant Selection	44,228.34
New Construction Program, Technical Assistance Services	40,962.50
Technical Assistance Services	2,487.50
Existing Facilities Program, EFP2476-Fastrac Markets - Mult	140,000.00
Fuel NY, GSP00034 - Fatdom Realty (Coun	5,377.92
Existing Facilities Program, EFP2545-Faxton St. Lukes Healt	41,750.00
Flexible Technical Assistance Program, Flex Tech - PON1746	36,425.50
New Construction Program, NCP11496 - Federal Reserve Ban	15,920.00
Existing Facilities Program, EFP2409-Good Shepherd Communit	33,373.35
New York Sun Program, NY-Sun	25,692.00
New York Sun Program, PV Incentive Program	17,339.00
New York Sun Program, RES-New Const & Adv Tech	23,463.00
Industrial Process Efficiency Program, Existing Facilities IPE 3	2,600.64
Industrial Process Efficiency Program, PON1219IP4 - Pre-Enc	26,527.48
New York Sun Program, RES-New Const & Adv Tech	10,400.00
New York Sun Program, RES-New Const & Adv Tech	11,232.00
Administration OH, Property Management Services	23,000.04
New Construction Program, NCP7554 - The Academy (Fitzhug	36,327.00
New York Sun Program, NY-Sun	6,300.00
Residential PV, RES-New Const & Adv Tech	95,488.00
New York Sun Program, NY-Sun	31,022.00
New York Sun Program, RES-New Const & Adv Tech	36,000.00
, and the second	77,312.20
Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	31,098.90
Marketing, Reforming the Energy Vision Co	50,000.00
· · · · · · · · · · · · · · · · · · ·	5,292.00
	75,900.00
	72,133.00
<u> </u>	98,947.65
	53,348.00
	9,900.00
	6,480.00
New York Sun Program, RES-New Const & Adv Tech	6,642.00
	13,089.24
Industrial Process Efficiency Program, Pre-Enc	
Industrial Process Efficiency Program, Pre-Enc New Construction Program, NCP10483 - Nano Fab Extension	665,243.00
New Construction Program, NCP10483 - Nano Fab Extension	
New Construction Program, NCP10483 - Nano Fab Extension New Construction Program, NCP10484 - Central Utility Bui	665,243.00
New Construction Program, NCP10483 - Nano Fab Extension New Construction Program, NCP10484 - Central Utility Bui Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	665,243.00 733,037.00 15,197.51
New Construction Program, NCP10483 - Nano Fab Extension New Construction Program, NCP10484 - Central Utility Bui	665,243.00 733,037.00
	New Construction Program, NCP10196 - ECMC - Long Term Ca Existing Facilities Program, EFP2036 - Nyack Hospital - 160 Existing Facilities Program, EFP2063 - ESCO Energy Services Clean Transportation, Electric Vehicle Supply Equipm Green Jobs Green New York Revolving Loan Fund, Multifarmily Multifamily Performance Program, Multifamily Green Jobs Green New York Revolving Loan Fund, PON 2033-3 OJT Combined Heat and Power, On-Site Power Flexible Technical Assistance Program, FlexTech - PON1746 New York Sun Program, RES-New Const & Adv Tech Flexible Technical Assistance Program, FlexTech Consultant Selection New Construction Program, Technical Assistance Services Technical Assistance Services Existing Facilities Program, EFP2476-Fastrac Markets - Mult Fuel NY, GSP00034 - Fatdom Realty (Coun Existing Facilities Program, EFP2476-Faxton St. Lukes Healt Flexible Technical Assistance Program, Flex Tech - PON1746 New Construction Program, NCP11496 - Federal Reserve Ban Existing Facilities Program, EFP2490-Good Shepherd Communit New York Sun Program, NY-Sun New York Sun Program, PV Incentive Program New York Sun Program, RES-New Const & Adv Tech Industrial Process Efficiency Program, Existing Facilities IPE 3 Industrial Process Efficiency Program, PON1219IP4 - Pre-Enc New York Sun Program, RES-New Const & Adv Tech New York Sun Program, RES-New Const & Adv Tech New York Sun Program, RES-New Const & Adv Tech New York Sun Program, NCP7554 - The Academy (Fitzhug New York Sun Program, NY-Sun Residential PV, RES-New Const & Adv Tech New York Sun Program, NY-Sun New York Sun Program, PS-New Const & Adv Tech Agriculture Energy Efficiency Program, Agriculture Energy Efficiency Marketing, Reforming the Energy Vision Co New York Sun Program, NY-Sun New York Sun Program, PS-New Const & Adv Tech Existing Facilities Program, NY-Sun New York Sun Program, RES-New Const & Adv Tech Existing Facilities Program, NY-Sun New York Sun Program, RES-New Const & Adv Tech Existing Facilities Program, RES-New Const & Adv Tech Existing Facilities Progr

Contractor	Project Description	Total Contract Amount
Gateway II Development Partners LLC	Flexible Technical Assistance Program, FlexTech - PON1746	8,250.00
GATS Administrator	Large Scale Renewables, GATS Fee Payments	30,446.90
General Electric Co. Gobal Research	Existing Facilities Program, Advanced thermostatic control	234,500.00
General Motors of NY Inc.	Fuel NY, GSP00502 – General Motors of N	10,000.00
Genesys Engineering, P.C.	Combined Heat and Power, FlexTech Consultant Selection	8,734.02
	Flexible Technical Assistance Program, FlexTech Consultant Selection	42,585.29
Geneva General Hospital	New Construction Program, NCP10446 - Geneva General Hos	137,913.00
Geo of Camden, LLC	New York Sun Program, NY-Sun	18,480.00
	New York Sun Program, RES-New Const & Adv Tech	22,500.00
Geoffrey Uttmark	Clean Transportation, Erie Canal Study	50,000.00
Geopeak Energy, LLC	New York Sun Program, RES-New Const & Adv Tech	18,966.00
George E Denmark II	New York Sun Program, NY-Sun	5,565.00
Gerster Sales & Service, Inc.	Existing Facilities Program -	8,099.40
	Existing Facilities Program, Commercial	44,924.76
	Industrial Process Efficiency Program, Industrial Process Efficiency	126,030.00
Gilbane Building Company	New Construction Program, NCP11998 - Franklin High Schoo	5,600.00
Glens Falls Hospital	Flexible Technical Assistance Program, Technical Assistance	40,000.00
Global Dwelling	Green Jobs Green New York Revolving Loan Fund, PON 2033 OJT	15,000.00
	Workforce Development, PON 2033 OJT	71,950.50
Global Foundries U.S. Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	51,250.68
	New Construction Program, NCP98496 - Admin Building (AMD	400,262.00
Global Montello Group Corp.	Fuel NY, GSP00315-005 - Global Montello	9,950.00
	Fuel NY, GSP00316-001 - Global Montello	9,000.00
	Fuel NY, GSP00316-008 - Global Montello	9,500.00
	Fuel NY, GSP00672-004 - Global Montello	10,000.00
Go Solar/Green NY, LLC	New York Sun Program, RES-New Const & Adv Tech	22,890.00
	Residential PV, RES-New Const & Adv Tech	12,753.00
Goldman Copeland Associates, P.C.	Existing Facilities Program, Flexible Technical Assistance	8,959.20
	Flexible Technical Assistance Program, FlexTech Consultant Selection	104,926.50
Golub Corporation	Clean Transportation, Price Chopper EVSE demo	40,390.00
Gotham 360 LLC	Existing Facilities Program, EFP2200- Mt Vernon Hospital	44,632.80
	Existing Facilities Program, PON1219EE5	183,000.00
Grainger Service Holding Company, Inc.	Existing Facilities Program, Existing Facilities Program -	27,846.96
Great Brook Solar NRG, LLC	New York Sun Program, RES-New Const & Adv Tech	15,766.00
Great Neck Savvy Service Inc.	Fuel NY, GSP00764 - Great Neck Savvy Se	10,000.00
Greater Centennial Community Development	Multifamily Performance Program, Multifamily	118,965.50
Green 485 Owner LLC	Existing Facilities Program, EFP2087-Green 485 Owner LLC -	21,206.56
Green Data Center Alliance	Commercial and Industrial Inno	470,674.05
Green Hybrid Energy Solutions Inc.	New York Sun Program, NY-Sun	38,108.00
-	New York Sun Program, PV Incentive Program	33,480.00
Green Light Energy Conservation	Existing Facilities Program, Existing Facilities Program -	160,468.42
Green Light New York, Inc.	Multifamily Performance Program, 2015-16 BEEx Watt Sponsorship	50,000.00
Green Power Solutions, Inc.	New York Sun Program, PV Incentive Program	9,433.00
•	Residential PV, RES-New Const & Adv Tech	9,568.00
GreenLogic, LLC	New York Sun Program, NY-Sun	10,569.00
.	New York Sun Program, RES-New Const & Adv Tech	63,761.00
Greenpac Mill, LLC	New Construction Program, Existing Facilities - IPE 2	4,076,191.24
Grid City Electric Corp	New York Sun Program, NY-Sun	105.00
	New York Sun Program, RES-New Const & Adv Tech	10,850.00
Group-S LLC		35,086.88
oroup-o ello	Existing Facilities Program, Existing Facilities Program -	55,000.00

Contractor	Project Description	Total Contract Amount
Group-S LLC	Existing Facilities Program, Peak Load Reduction	56,550.00
Gulick Fruit Farms	New Construction Program, NCP12392 - Gulick Fruit Farms	17,963.00
Guth Deconzo Consulting Engineers	Existing Facilities Program, EFP2259 - Guth Deconzo Consult	266,300.00
Halcyon, Inc.	Green Jobs Green New York Revolving Loan Fund, SBC OJT New Hires	59,000.00
	New York Sun Program, NY-Sun	192,573.00
	New York Sun Program, RES-New Const & Adv Tech	13,365.00
	Workforce Development, SBC OJT New Hires	178,543.82
Handsome Brook Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	11,549.00
Hanover Court Cooperative	Multifamily Performance Program, Multifamily	19,750.00
Hardev Petroleum Inc.	Fuel NY, GSP00473 - Hardev Petroleum In	10,000.00
Harlem River Point North, LLC	Multifamily Performance Program, Multifamily	273,177.50
Harlem River Point South, LLC	Multifamily Performance Program, Multifamily	208,933.50
Hartz Mountain Industries	Flexible Technical Assistance Program, Flex Tech - PON1746	8,826.98
Harvest Power, LLC	New York Sun Program, NY-Sun	5,978.00
Harwich Partners, LLC	Smart Grid Systems, NY Prize	75,000.00
Healthy Home Energy & Consulting, Inc.	Workforce Development, PON 2033 OJT	28,340.00
Heaven Enterprises Inc.	Fuel NY, GSP00535 - Heaven Enterprises	10,000.0
Henry F. & Eric D. Huxtable Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	15,955.4
Herbert E. Hirschfeld	Existing Facilities Program, Herbert Hirschfeld - Services	24,750.0
Herbert Farney & Sons Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	19,344.0
Hess Corporation	Fuel NY, GSP00046 - Hess Corporation	10,000.0
•	Fuel NY, GSP00051 - Hess Corporation	10,000.0
	Fuel NY, GSP00058 - Hess Corporation	10,000.0
	Fuel NY, GSP00061 - Hess Corporation	6,394.0
	Fuel NY, GSP00076 - Hess Corporation	10,000.0
	Fuel NY, GSP00078 - Hess Corporation	10,000.0
	Fuel NY, GSP00081 - Hess Corporation	10,000.0
	Fuel NY, GSP00087 - Hess Corporation	10,000.0
	Fuel NY, GSP00090 - Hess Corporation	10,000.0
	Fuel NY, GSP00091 - Hess Corporation	10,000.0
	Fuel NY, GSP00094 - Hess Corporation	10,000.0
	Fuel NY, GSP00102 - Hess Corporation	10,000.00
		10,000.0
	Fuel NY, GSP00105 - Hess Corporation Fuel NY, GSP00107 - Hess Corporation	10,000.00
	Fuel NY, GSP00107 - Hess Corporation (3	10,000.00
Hickory House Tenants Corporation	Green Jobs Green New York Revolving Loan Fund, Multifamily	12,220.0
Thekoly House Tellants corporation	Multifamily Performance Program, Multifamily	126,600.0
High Falls Operating Co, LLC	Industrial Process Efficiency Program, Industrial Process Efficiency	350,000.0
High Peaks Solar	New York Sun Program, NY-Sun	24,865.0
Tigii Feaks Solai		9,016.0
	New York Sun Program, PV Incentive Program	560,280.0
IIII Enternate e la c	New York Sun Program, RES-New Const & Adv Tech	
Hill Enterprises Inc.	Fuel NY, GSP00765-001 - Hill Enterprise	10,000.00
Hillside/Roosevelt, LLC	Multifamily Performance Program, Multifamily	83,807.0
Hilton Garden Inn	Flexible Technical Assistance Program, FlexTech - PON1746	10,750.0
HiSoftware Inc.	Administration OH, Annual Subscription and Traini	16,120.0
Hodgson Russ LLP	New York Green Bank, Green Bank Outside Legal Serv.	21,877.5
Holland & Knight LLP	Green Bank Outside Legal Serv.	61,587.19
Homes for New Yorkers, Inc	Multifamily Performance Program, Multifamily	846,994.23
Hope Community, Inc.	Green Affordable Housing, Multi-Family	2,491.00
	Green Affordable Housing, Multifamily	5,349.30

Contractor	Project Description	Total Contrac Amour
Hope Community, Inc.	Multi-Family	15,000.0
	Multifamily	26,866.0
	Multifamily Performance Program, Multi-Family	15,000.0
	Multifamily Performance Program, Multifamily	15,000.0
Horizon Engineering Assoc. LLP	Flexible Technical Assistance Program, Flexible Technical Assistance	56,759.7
Horizon Solutions LLC	New Construction Program, NCP12753 - New Horizon Solutio	16,368.0
Hospice Buffalo, Inc.	New Construction Program, NCP10467 - 225 Como Park Blvd	12,328.0
HP Collidge Maloney Road LLC	Green Jobs Green New York Revolving Loan Fund, Multifamily	12,915.0
	Multifamily Performance Program, Multifamily	159,285.0
Hudson Solar	New York Sun Program, NY-Sun	244,053.0
	New York Sun Program, RES-New Const & Adv Tech	171,014.0
	Workforce Development, GJGNY OJT	113,075.7
Hudson Valley Federal Credit Union	New Construction Program, NCP12852 - HVFCU Poughkeepsie	7,200.0
Huttner Strategies	Innovation, Digester Investment Summit	23,577.1
HVB Leasing Corp.	Green Jobs Green New York Revolving Loan Fund, Multifamily	374,115.0
Hypres, Inc.	Smart Grid Systems, Superconductor Electronics	50,000.0
-Square, LLC	New Construction Program, NCP10619 - I Square	16,147.0
BC Engineering PC	Flexible Technical Assistance Program, FlexTech Consultant Selection	203,486.6
BM - East Fishkill Site	Flexible Technical Assistance Program, FlexTech - PON1746	15,538.5
BM Corporation	Flexible Technical Assistance Program, Flex Tech - PON1746	6,000.0
CF Resources, LLC	Energy Analysis, Flex Tech Task Work Order	72,497.2
0. 1.000a.000, 220	Evaluation, Eco. & Env. Impact Evaluation	224,075.
	Existing Facilities Program, Technical Review and Program S	14,680.0
		399,962.3
	Flex Tech Task Work Order	96,179.7
	Green Jobs Green New York Revolving Loan Fund, Eco. & Env. Impact	49,999.6
deal Diam, Forme Inc	Innovation, Flex Tech Task Work Order	9,108.0
deal Diary Farms, Inc.	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	
GM Holdings, Inc.	Green Jobs Green New York Revolving Loan Fund, PON 2033 OJT	22,382.4
mpact Technologies, LLC	Clean Transportation, NY-BEST Market-Driven Research	85,733.8
udustrial Facusarias Incomparated	Clean Transportation, Oil Quality Sensor Ph2	101,778.0
ndustrial Economics, Incorporated	Energy Analysis, Flex Energy Tech Analysis 2	313,035.0
	Evaluation, Flex Energy Tech Analysis 2	33,870.5
	Innovation, Flex Energy Tech Analysis 2	33,870.5
	Modeling and Analytics, Flex Energy Tech Analysis 2	25,000.0
=	Smart Grid Systems, Flex Energy Tech Analysis 2	62,776.0
ndustrial Exhibit Authority	ADMIN, 2015 NYS Fair Exhibit	8,199.7
	Renewable Heat NY, 2015 NYS Fair Exhibit	213.2
nfinity Solar Systems, LLC	New York Sun Program, NY-Sun	7,325.0
	New York Sun Program, RES-New Const & Adv Tech	6,867.0
nformatica Corporation	Administration OH, Reporting & Quality Assurance	7,800.0
ngram Micro Inc	New Construction Program, NCP12457 - Ingram Micro	17,401.0
nnovated Energy Solutions	New York Sun Program, NY-Sun	5,088.0
nnoveering LLC	Innovation Capacity & Business Development, CO2 reduction using Am	74,295.2
nstitute for Building Technology and Sa	Green Jobs Green New York Revolving Loan Fund, Training, Field Exa	336,548.0
nstitute of Technology Foundation at Ut	Innovation Capacity & Business Development, Events	25,000.0
ntegrated Wood Components, Inc.	Industrial Process Efficiency Program, Existing Facilities - IPE 2	20,121.0
ntelligent Green Solutions	Renewable Thermal, NY-Sun	340,289.0
	Renewable Thermal, RES-New Const & Adv Tech	106,984.0
Intergrow Greenhouses	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	250,000.0
International Business Machines,	Industrial Process Efficiency Program, Industrial Process Efficiency	65,528.6

Contractor	Project Description	Total Contract Amount
Inverters Unlimited, Inc.	New York Sun Program, RES-New Const & Adv Tech	17,280.00
Inwood Gas Inc.	Fuel NY, GSP00745 - Inwood Gas Inc.	8,000.00
loxus, Inc.	Clean Transportation, NY-BEST Market-Driven Research	29,553.00
Isaac Heating and Air Conditioning, Inc.	New York Sun Program, RES-New Const & Adv Tech	11,000.00
ITT Industries	Industrial Process Efficiency Program, Industrial Process Efficiency	37,002.24
ITT Space Systems, LLC	Industrial Process Efficiency Program, Existing Facilities - IPE 2	60,579.24
J P Morgan Chase Bank	Flexible Technical Assistance Program, Flex Tech - PON1746	278,779.91
	Flexible Technical Assistance Program, FlexTech - PON1746	48,440.00
J Synergy Green Inc	Green Jobs Green New York Revolving Loan Fund, GJGNY OJT	39,350.20
Jack Resnick & Sons, Inc.	Existing Facilities Program, Existing Facilities Program -	281,369.12
JAG Footwear Accesories and Retail Corp.	Existing Facilities Program, Existing Facilities Program -	236,141.52
James Brigandi	Residential PV, RES-New Const & Adv Tech	13,714.00
James Street Apartments, LLC	Multifamily Performance Program, Low/Moderate Income	103,576.00
	Multifamily Performance Program, Multifamily	1,680.00
Jay Bennett	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	15,539.18
JDM Associates LLC	Existing Facilities Program, Continuous Commissioning Marke	44,730.61
Jerusalem Convenience Inc.	Fuel NY, GSP00420 - Jerusalem Convenien	10,000.00
Jerusalem Petroleum Corp.	Fuel NY, GSP00700 - Jerusalem Petroleum	10,000.00
Jetro Cash & Carry Ent. LLC	New Construction Program, Existing Facilities IPE 3	79,495.20
Jetro Holdings LLC	New Construction Program, NCP12164 - Restaurant Depot Ro	37,859.00
Jewish Board of Family & Children's Serv	Existing Facilities Program, EFP2145-Jewish Board of Family	75,567.04
JFK AP LLC	Fuel NY, GSP00233 - JFK AP LLC	7,950.00
JFK Hotel Owner, LLC	Flexible Technical Assistance Program, FlexTech - PON1746	11,492.50
JK Energy Solutions Inc	Existing Facilities Program, EFP2341-Wegman's 2 Facil.	43,647.84
JMB Fuel Corp.	Fuel NY, GSP00747 - JMB Fuel Corp	10,000.00
JNG Service Inc.	Fuel NY, GSP00751 - JNG Service Inc.	9,360.00
John G. Kellett Jr	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	7,234.13
John M. Verba	New York Sun Program, RES-New Const & Adv Tech	15,060.00
Johnson Controls Inc.	Existing Facilities Program, EFP1824 - Johnson Controls	183,803.81
Johnson John Jos Inc.		116,086.05
	Existing Facilities Program, EFP2033 - Johnson Controls	70,471.62
	Existing Facilities Program, Existing Facilities Program	114,045.28
	Existing Facilities Program, Existing Facilities Program -	107,280.12
Jahanan Cantrala Irra (Comana)	Existing Facilities Program, PON1219EE5	
Johnson Controls, Inc. (Syracuse)	Existing Facilities Program, EFP2199 - Johnson Controls Inc	281,692.68
JS Petroleum & Food Corp.	Fuel NY, GSP00753 - JS Petroleum & Food	8,786.21
JSB Realty No 2 LLC	New Construction Program, NCP12640 - Linden Center	20,300.00
Kabir's LLC	New Construction Program, NCP12159 - Holiday Inn Express	11,780.90
Kaleida Health	Flexible Technical Assistance Program, 1746EPS1SB	5,000.00
Kasselman Solar LLC	New York Sun Program, NY-Sun	66,434.00
	New York Sun Program, RES-New Const & Adv Tech	12,240.00
Kazi Inc.	Fuel NY, GSP00772 - Kazi Inc.	10,000.00
Kelly Services, Inc.	Administration OH, Temp Services Employee	19,628.20
Kenmore-Tonawanda Union Free School Dist	Clean Transportation, Kenmore-Tonawanda SCD-PON 1896	98,600.00
Kenneth C Mangine	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	17,820.04
Kevin Quinn	New York Sun Program, PV Incentive Program	7,560.00
	New York Sun Program, RES-New Const & Adv Tech	24,503.00
Kickstart Caf Inc.	Fuel NY, GSP00679 - Kickstart Cafe dba	10,000.00
Kilowatt Engineering, Inc.	Existing Facilities Program, Technical Review and Program S	35,721.20
	Industrial Process Efficiency Program, Technical Review and Program S	3,298.00
Kilowatt Financial, LLC	New York Sun Program, NY-Sun	564,775.00

Contractor	Project Description	Total Contra Amou
Kilowatt Financial, LLC	New York Sun Program, NYSERDA Administration	12,690.0
	New York Sun Program, PV Incentive Program	30,250.0
	New York Sun Program, RES-New Const & Adv Tech	98,507.0
Kim Nelson Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	13,175.6
Kirchhoff Properties LLC	New Construction Program, NCP10782 - MHMG Ulster	73,760.0
Knollwood Associates LLC	Multifamily Performance Program, Multifamily	224,000.0
Knowlton Technologies, LLC	Industrial Process Efficiency Program, Existing Facilities - IPE 2	59,439.8
KPMG LLP	Administration OH, Audit services	67,200.0
	New York Green Bank, Audit services	16,500.0
Kreher's Sunrise Farm, LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	30,062.0
Krolak Technology Management, LLC	Administration OH, Training: Office 365 Migration	18,016.0
Kroll Bond Rating Agency, Inc.	Green Jobs Green New York Revolving Loan Fund, \$75000 fee plus \$1	12,500.0
l. Gas Station Management Inc.	Fuel NY, GSP00393 - LI Gas Station Mana	9,932.
-&S Energy Services, Inc.	Clean Transportation, FlexTech Consultant Selection	7,089.7
	Combined Heat and Power, .	19,060.0
	Existing Facilities Program, .	129,474.8
	Existing Facilities Program, Technical Review and Program S	27,386.
	Flexible Technical Assistance Program, FlexTech Consultant Selection	15,971.
	FlexTech Consultant Selection	11,478.
	Industrial Process Efficiency Program, .	20,196.
	Industrial Process Efficiency Program, Resiliency & Emergency Prepare	1,026.
	Industrial Process Efficiency Program, Technical Review and Program S	20,645
	New Construction Program, Technical Assistance Services.	78,624
		7,265.
aBella Associates, P.C.	Renewable Heat NY, Technical Review and Program S	77,746.
abella Associates, 1.0.	Emerging Technology / Accelerated Commercializatio, Existing Facilities.	15,199.
	Existing Facilities Program, Existing Facilities Tech Assis	7,089.
	Existing Facilities Program, Technical Review and Program S	42,824.
	Flexible Technical Assistance Program, FlexTech Consultant Selection	48,651.
	Industrial Process Efficiency Program, Existing Facilities Tech Assis	
	Industrial Process Efficiency Program, Industrial Process Efficiency	3,335.
	Industrial Process Efficiency Program, Resiliency & Emergency Prepare	1,920.
ofcuetta Paumton Amenturant Composition	Industrial Process Efficiency Program, Technical Review and Program S	8,600.
afayette-Boynton Apartment Corporation	Green Jobs Green New York Revolving Loan Fund, Multifamily	27,440.
	Multifamily Performance Program, Multifamily	583,200.
agoner Farms Inc.	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	37,064.
ake Breeze Fruit Farms Inc	New Construction Program, NCP12363 - Lake Breeze Phase 2	72,765.
Lamar Outdoor Advertising	Existing Facilities Program, EFP2258- Lamar Outdoor Advert.	24,177.
	Existing Facilities Program, EFP2357- Lamar Outdoor	58,901.
Lamb Farms Inc.	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	54,798.
Lampros Solar, LLC	New York Sun Program, NY-Sun	8,526.
andy Farm	Agriculture Energy Efficiency Program, AEEP - Pre-Encumbered	1,983.
CE BioEnergy LLC	Clean Transportation, DME Fuel study	50,000.
ecesse Construction Services	Home Performance with Energy Star, RES-New Const & Adv Tech	22,750.
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	204,750.
ester Tyler	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	10,417.
evel Solar Inc.	New York Sun Program, NY-Sun	5,900
LexisNexis	Administration OH, LexisNexis Online Services	30,911.
	Energy Analysis, LexisNexis Online Services	3,176.
Liberty Petroleum Realty LLC	Fuel NY, GSP00559 - Liberty Petroleum	9,922.
	Fuel NY, GSP00561 - Liberty Petroleum R	9,922.

Contractor	Project Description	Total Contract Amount
Libolt & Sons, Inc.	Home Performance with Energy Star, RES-New Const & Adv Tech	1,600.00
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	14,400.00
Lightwave Energy, LLC	Existing Facilities Program, EFP2444 - Lightwave Energy LLC	158,030.00
	Existing Facilities Program, EFP2495 - Lightwave Energy, LL	106,417.50
LinkedIn	New Construction Program, NCP12158 - 350 5th Avenue Link	22,320.00
Lockheed Martin NE & SS	Industrial Process Efficiency Program, Industrial Process Efficiency	74,742.99
Locus Energy, LLC	Clean Transportation, Clean Energy Business Growth D	103,000.00
Loeb & Loeb LLP	New York Green Bank, Green Bank Outside Legal Couns	59,662.50
Long Island Power Solutions	New York Sun Program, NY-Sun	10,000.00
Longwood Residences	Green Jobs Green New York Revolving Loan Fund, Multifamily	27,074.98
	Multifamily Performance Program, Multifamily	333,925.0
Lorac House Inc	Multifamily Performance Program, Multifamily	54,824.0
Lotus Energy, Inc.	New York Sun Program, NY-Sun	7,452.0
	New York Sun Program, RES-New Const & Adv Tech	7,452.0
LSI Solutions	New Construction Program, NCP12543 - LSI Solutions Offic	12,245.0
Lukoil North America LLC	Fuel NY, GSP00490-001 - LUKOIL North Am	9,871.6
	Fuel NY, GSP00490-002 - LUKOIL North Am	9,862.0
	Fuel NY, GSP00490-003 - LUKOIL North Am	9,862.0
	Fuel NY, GSP00490-006 - LUKOIL North Am	9,862.0
	Fuel NY, GSP00490-007 - LUKOIL North Am	9,862.0
M Plaza L.P.	Combined Heat and Power, Innovation - Buildings	50,000.0
M.J. Bradley & Associates	Clean Transportation, Policy Study on EV Grid & Inte	74,674.0
M/E Engineering, P.C.	Existing Facilities Program, Technical Review and Program S	18,530.0
	Flexible Technical Assistance Program, FlexTech Consultant Selection	261,252.5
	Industrial Process Efficiency Program, Technical Review and Program S	11,720.0
	New Construction Program, Technical Assistance Services	107,992.5
	Technical Assistance Services	15,127.5
Maicho Management Co., Inc.	Clean Transportation, PON 2290: Ganada Station E85	35,000.0
Majestic Son & Sons, Inc.	New York Sun Program, NY-Sun	5,232.0
Malcolm Pirnie, Inc.	Agriculture Energy Efficiency Program, EFP Task Work Orders	64,996.8
	Environmental Research, Renewable Portfolio Standard	14,837.5
	Existing Facilities Program, EFP Task Work Orders	56,034.4
	Existing Facilities Program, Existing Facilities Tech Assis	67,989.8
	Flexible Technical Assistance Program, EFP Task Work Orders	154,995.9
	Flexible Technical Assistance Program, FlexTech Consultant Selection	103,301.6
	Fuel NY, EFP Task Work Orders	14,259.9
	Industrial Process Efficiency Program, EFP Task Work Orders	467,656.3
	Industrial Process Efficiency Program, Existing Facilities Tech Assis	35,940.1
	Lighting Baseline Study	15,433.6
	Renewable Portfolio Standard	55,905.2
Mall at Smith Haven LLC	Existing Facilities Program, EFP2294 - 313 Smith Haven Mall	42,112.0
Mallards Dairy LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	31,676.9
Mallinckrodt Inc.	Industrial Process Efficiency Program, Existing Facilities - IPE 2	279,328.1
Manhattan Center Studios Inc.	Flexible Technical Assistance Program, Flex Tech - PON1746	26,616.0
Manhattan College	New Construction Program, NCP10214 - Student Commons (Ma	100,937.0
Maple Mesa, LLC	Multifamily Performance Program, Multifamily	134,433.0
Mark Akins	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	28,931.2
Mark's Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	220,052.2
Marriott Hotel Services	Existing Facilities Program, EFP2430-NY LaGuardia Airport M	31,036.3
Marshall & Sterling, Inc.	Administration OH, Liability and Other Insurance	240,903.5
	Administration on, clability and other insurance	2 70,000.0

Contractor	Project Description	Total Contract Amount
Marshall & Sterling, Inc.	Liability and Other Insurance	49,292.00
Massachusetts Institute of Technology	Research and Development, 2015-2016Annual MIT Membership	5,000.00
Massapequa Park Service Center Inc.	Fuel NY, GSP00776 - Massapequa Park Ser	13,000.00
Matthew D. Bullwinkel	Renewable Thermal, RES-New Const & Adv Tech	7,203.00
MBB Services Inc.	Fuel NY, GSP00750 - MBB Service Inc.	9,540.00
McAlpin Industries Inc	Industrial Process Efficiency Program, Industrial Process Efficiency	18,585.12
MCB Clean Room Solutions LLC	Advanced Buildings, Next Gen Technologies for End-	20,000.00
	Next Gen Technologies for End-	100,000.00
Mcdave 1738 Inc.	Fuel NY, GSP00708 - Mcdave 1738 Inc.	10,000.00
MegaLight, Inc.	Statewide Residential Point of Sale, CFL Sales Performance Program	230,615.52
Melville Fuel Inc.	Fuel NY, GSP00471 - Melville Fuel Inc.	9,863.00
Memorial Hospital for Cancer & Allied Di	Existing Facilities Program, Existing Facilities Program -	92,603.84
·	New Construction Program, NCP10350 - MSK Harrison	261,622.00
Memorial Sloan Kettering Cancer Center	Flexible Technical Assistance Program, FlexTech - PON1746	28,125.00
Menands Associates, LP	Multifamily Performance Program, Multifamily	103,000.00
Mercury Solar Systems, Inc.	Residential PV, NYSERDA Administration	103,738.00
Mercy Gas Inc.	Fuel NY, GSP00706 - Mercy Gas Inc.	7,002.28
Mesa Reduction Engineering and Processin	Renewable Heat NY, Environment Research	49,500.00
MetLife		38,361.72
METRO NY DEALER STATIONS, LLC	Existing Facilities Program, EFP2306 - MetLife	9,994.94
METRO NT DEALER STATIONS, LLC	Fuel NY, GSP00144-001 - Metro NY Dealer	9,871.69
	Fuel NY, GSP00145-001 - Metro NY Dealer	
	Fuel NY, GSP00145-002 - Metro NY Dealer	9,871.69
	Fuel NY, GSP00145-004 - Metro NY Dealer	9,862.07
	Fuel NY, GSP00145-005 - Metro NY Dealer	9,987.14
	Fuel NY, GSP00145-008 - Metro NY Dealer	9,862.07
	Fuel NY, GSP00147-007 - Metro NY Dealer	9,994.94
MetroHealth Homes Housing	Multifamily Performance Program, Multifamily	233,837.00
Metzger & Sons, LLC	Green Jobs Green New York Revolving Loan Fund, Multifamily	10,260.00
	Multifamily Performance Program, Multifamily	67,800.00
Michael J. Hooper	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	25,208.31
Michael McDonough Architect PC	Innovation Capacity & Business Development, ZEPTHA	90,000.00
Michaels Stores Inc.	Existing Facilities Program, EFP2243- Michael's 4 Locations	19,596.31
Mid-Hudson Civic Center	Existing Facilities Program, Commercial	41,598.00
Milliman, Inc.	Administration OH, GASB 45 03.31.15 Full Valuatio	11,500.00
MINI LLC	Clean Transportation, Advanced Energy Systems for NY	172,544.40
MJJ Builders Corp	Home Performance with Energy Star, RES-New Const & Adv Tech	14,900.00
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	134,100.00
Mohawk Innovative Technology, Inc.	Renewables & DER Interation, Innovation - CleanTransportat	137,860.00
Mohawk Paper Mills, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	496,326.61
Monolith Solar Associates, LLC	New York Sun Program, NY-Sun	117,610.00
	New York Sun Program, PV Incentive Program	291,842.00
	New York Sun Program, RES-New Const & Adv Tech	352,208.50
Moog Inc	New Construction Program, NCP10593 - Plant 26 400 Jamis	42,039.00
Morgan Depot Plaza LLC	New Construction Program, NCP12002 - Tops Irondequoit	10,856.00
Morgan Henrietta Highlands LLC	Multifamily Performance Program, Multifamily	336,000.00
Morgan Stanley	Flexible Technical Assistance Program, FlexTech Program	54,525.47
	New Construction Program, NCP11108 - 1 NY Plaza Phase On	65,054.00
	New Construction Program, NCP12602 - 1585 Broadway Floor	17,240.00
Moserdale Dairy	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	58,607.25
Mount Sinai Medical Center	Existing Facilities Program, EFP2210 - Mt. Sinai Medical Ce	222,307.36

Contractor	Project Description	Total Contract Amount
Mount Sinai Medical Center	Existing Facilities Program, Existing Facilities Program	9,088.64
Mount Sinai School of Medicine	Advanced Buildings, UVGI-IAQ Modeling Design Tools	149,693.52
MP Freedom, LLC	NCP7660 - Site 23 Battery Park	130,108.00
	New Construction Program, NCP7660 - Site 23 Battery Park	320,123.00
MP Liberty, LLC	NCP7659 - Site 24 Battery Park	180,798.00
	New Construction Program, NCP7659 - Site 24 Battery Park	387,311.00
MRP Schuyler, LLC	Multifamily Performance Program, Multifamily	77,000.00
MTECH Laboratories, LLC	Advanced Buildings, Next Gen Technologies for End-	120,167.30
Mundo Latino Market Inc.	New Construction Program, NCP12722 - Mundo Latino Market	15,850.00
Museum of Chinese in the Americas	New Construction Program, NCP7675 - Museum of Chinese in	25,272.00
Mutual Housing Association, Inc.	Green Jobs Green New York Revolving Loan Fund, Multifamily	5,220.00
Mutual Redevelopment Houses, Inc.	Green Jobs Green New York Revolving Loan Fund, Multifamily	19,160.00
	Multifamily Performance Program, Multifamily	1,544,400.00
Nalge Nunc International Corp.	Industrial Process Efficiency Program, Industrial Process Efficiency	62,427.63
NASEO	Administration OH, NASEO Membership & Dues 2016	13,991.12
Natale Builders	Home Performance with Energy Star, Codes & New Construction	8,000.00
	Home Performance with Energy Star, RES-New Const & Adv Tech	9,000.00
Navigant Consulting Inc.	Smart Grid Systems, Flex Energy Tech Analysis 2	95,000.00
NaviSite, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	13,401.60
Nazareth College of Rochester	Existing Facilities Program, Existing Facilities Program -	92,880.00
NES Energy, Inc.	Existing Facilities Program, Existing Facilities Program -	194,453.12
NESCAUM	Clean Transportation, Multi-State ZEV Collaborative:	50,000.00
NESEA	Multifamily Performance Program, NESEA BuildingEnergy NYC Conf	12,500.00
Network Experts of New York, Inc.	Administration OH, Firewall, Security Services	88,978.19
Network Experts of New York, Inc.	Administration OH, Friewaii, Security Services Administration OH, Security Contractor	46,476.33
New Buildings Institute, Inc.	•	50,000.00
New Buildings Institute, Inc.	NBI OTF Sponsorship	50,000.0
	New Construction Program, NBI OTF Sponsorship	
New Beatter Henrica Com	New Construction Program, NCP - NBI - Sponsorship of Adv	18,750.00
New Destiny Housing Corp	Multifamily Performance Program, Multifamily	64,241.00
New York City Department of Environment	Cleaner Greener Regional Susta	931,088.03
New York City Energy Efficiency Corp	Green Jobs Green New York Revolving Loan Fund, Multifamily	127,980.00
New York Flower LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	20,100.00
New York Harbor Health Care Center	Flexible Technical Assistance Program, Flex Tech - PON1746	864,394.27
New York Marriott Marquis	Existing Facilities Program, EFP1918-Marriott Hotel Srvs. I	18,457.3
New York Presbyterian Hospital	Existing Facilities Program, Existing Facilities Program -	86,075.5
	Flexible Technical Assistance Program, FlexTech Program	34,505.0
	Industrial Process Efficiency Program, Existing Facilities - IPE 2	226,116.10
New York State Solar Farm Inc.	New York Sun Program, NY-Sun	74,939.00
	New York Sun Program, RES-New Const & Adv Tech	12,066.00
New York State Weatherization Directors'	Green Jobs Green New York Revolving Loan Fund, Training, Field Exa	90,203.5
Newark Main LLC	New Construction Program, NCP12733 - Rite Aid Newark 108	8,820.00
Newport Ventures, Inc.	Renewables & DER Interation, High Performance Residential D	18,498.00
Nexant, Incorporated	Existing Facilities Program, .	259,922.59
	Existing Facilities Program, Exidting Facilities Tech Assit	27,480.66
	Existing Facilities Program, Technical Review and Program S	120,830.23
	Industrial Process Efficiency Program, .	47,075.93
	Industrial Process Efficiency Program, Technical Review and Program S	16,117.44
nfrastructure	Administration OH, DL380 Gen 9 - VDI Server	88,254.40
NG Growers Inc.	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	104,761.76

Contractor	Project Description	Total Contract Amount
Niagara Falls City School District	New Construction Program, NCP11536 - Niagara Falls High	14,900.50
Niagara Mohawk Power Corporation	Renewables & DER Interation, EPTD Smart Grid Program	246,045.00
Niagara Wind & Solar Inc.	New York Sun Program, RES-New Const & Adv Tech	5,000.00
	Small Wind, Wind Turbine Incentive	224,800.00
Niagara-Wheatfield School District	Clean Transportation, Clean Air School Bus Program,	132,500.00
Nichols Farm	New Construction Program, NCP12742 - Milking Parlor	9,487.00
Nicotra 900	Flexible Technical Assistance Program, FlexTech - PON1746	10,250.00
Nicotra 1200	Flexible Technical Assistance Program, FlexTech - PON 1746	9,150.00
Nicotra Hotel II LLC	Flexible Technical Assistance Program, FlexTech - PON1746	10,250.00
Nixon Peabody LLP	New York Green Bank, Green Bank Outside Legal Serv.	4,545.92
NKG Service Inc.	Fuel NY, GSP00749 - NKG Service Inc.	9,000.00
NMA Sons, Inc.	Fuel NY, GSP00592 - NMA Sons, Inc.	9,735.00
NOHMs Technologies, Inc.	Clean Transportation, High-Performance Electrolytes	75,000.00
	Energy Analysis, Regional Economic Development	1,000,000.00
Nomura Holding America Inc	Industrial Process Efficiency Program, Industrial Process Efficiency	980,428.4
Noresco LLC	Flexible Technical Assistance Program, FlexTech Consultant Selection	507,853.1
North Broadway Automotive Service	Fuel NY, GSP00395 - North Broadway Auto	9,980.5
Northco Products, Inc.	Administration OH, Warranty & Supplies for Copier	5,095.0
Northeast Energy Efficiency Partnerships	Advanced Energy Codes, NEEP Sponsorship 2014	7,500.0
	Energy Analysis, NEEP Sponsorship 2014	9,500.0
	Existing Facilities Program, NEEP Sponsorship 2014	5,500.0
	Existing Facilities Program, NEEP Sponsorship for DLC	50,000.0
	Market Pathways, NEEP Sponsorship 2014	73,000.0
	Market Pathways, NEEP Sponsorship for Controls	33,300.0
	Multifamily Performance Program, NEEP Sponsorship 2014	4,500.0
Novel Approaches Solar Applications, LLC	New York Sun Program, NY-Sun	7,980.0
Novus Engineering, P.C.	Flexible Technical Assistance Program, FlexTech Consultant Selection	29,736.9
	NCP TA Services	1,837.5
	New Construction Program, NCP TA Services	91,956.4
NRG Residential Solar Solutions, LLC	New York Sun Program, NY-Sun	436,008.0
	New York Sun Program, PV Incentive Program	4,617.0
	New York Sun Program, RES-New Const & Adv Tech	329,743.0
NRP Contractors LLC	Home Performance with Energy Star, Multifamily Program	12,800.0
	New York ENERGY STAR Homes, Multifamily Program	115,200.0
NY FUEL DISTRIBUTORS, LLC	Fuel NY, GSP00140-002 - NY Fuel Distrib	9,852.4
	Fuel NY, GSP00140-007 - NY Fuel Distrib	9,852.4
	Fuel NY, GSP00141-005 - NY Fuel Distrib	9,871.6
NYC Industrial Technology Assistance Co	Clean Transportation, Growing for the Grid	247,148.3
NYC Partnership Housing Dev. Fund Co.	Multifamily Performance Program, Multifamily	291,722.0
NYCO Minerals Incorporated	Industrial Process Efficiency Program, Industrial Process Efficiency	56,363.6
NYS Department of Correctional Svc	New Construction Program, NCP7264 - Albion Correctional	66,660.0
NYS Office of General Services	New Construction Program, NCP11984 - OGS Building 5	30,000.0
NYS Office of Parks, Recreation and	New York Sun Program, RES-New Const & Adv Tech	70,000.0
NYS Thruway Authority	Small Wind, On-Site Wind Turbine Incentive	226,489.5
NYSANDY3 NBP5 LLC	Multifamily Performance Program, Multifamily	9,219.0
NYSANDY4 NBP20 LLC	Multifamily Performance Program, Multifamily	8,108.0
NYSANDY4 NBP23 LLC	Multifamily Performance Program, Multifamily	8,591.0
NYU Hospital Center	New Construction Program, NCP10020 - Tisch Hospital Exte	23,750.0
NYU Hospitals Center	New Construction Program, NCP9245 - Emergency Department	24,728.0
O'Brien & Gere Engineers, Inc.	Flexible Technical Assistance Program, FlexTech Consultant Selection	8,416.20
O Drivin & Ocic Engineers, IIIC.	Plexible Technical Assistance Program, PlexiTech Consultant Selection	0,410.20

Contractor	Project Description	Total Contract Amount
O'Connell Electric Company	New York Sun Program, NY-Sun	43,008.00
	New York Sun Program, RES-New Const & Adv Tech	166,799.00
Octagon, L.P.	Combined Heat and Power, Octagon Park Apartments CHP De	1,237,375.00
OK Gas Mart Inc.	Fuel NY, GSP00530 - OK Gas Mart Inc.	8,059.71
OLA Consulting Engineers, P.C.	Flexible Technical Assistance Program, FlexTech Consultant Selection	7,436.22
	New Construction Program, NCP TA Services - OLA 20136	4,950.00
Olympic Three Inc.	Fuel NY, GSP00428 - Olympic Three Inc.	10,000.00
One City Block LLC	Industrial Process Efficiency Program, Industrial and Process Efficie	291,897.04
	Industrial Process Efficiency Program, Industrial Process Efficiency	365,402.56
One Stop Petroleum Inc.	Fuel NY, GSP00421 - One Stop Petroleum	10,000.00
OnForce Solar	New York Sun Program, NY-Sun	8,064.00
	New York Sun Program, RES-New Const & Adv Tech	80,470.00
Oppenheimer and Company Inc	Industrial Process Efficiency Program, Industry Process Efficiency	40,780.96
Oracle America, Inc.	Administration OH, Licensing for Oracle User Prod	46,878.48
	Administration OH, NYSERDA Administration	50,153.69
Ortho Clinical Diagnostics, Inc.	Flexible Technical Assistance Program, FlexTech Program	19,350.00
	Industrial Process Efficiency Program, Industrial Process Efficiency	19,172.40
Outdoor Group Properties LLC	New Construction Program, NCP11929 - Elite Archery (Outd	7,425.00
Pace University Energy & Climate Center	Combined Heat and Power, Logistic support for CHP Expos	50,000.00
	Combined Heat and Power, Logistics support for CHP Expo	39,790.08
	Smart Grid Systems, New York State Microgrid Study	99,500.00
Pacific Solar LLC	New York Sun Program, RES-New Const & Adv Tech	15,925.00
Pactiv Corp.	Industrial Process Efficiency Program, Existing Facilities - IPE 2	33,541.08
	Industrial Process Efficiency Program, Existing Facilities Program	18,464.64
Palmer Service Station Inc.	Fuel NY, GSP00593 - Palmer Service Stat	13,000.00
Palmetto Hospitality of Manhattan LLC	New Construction Program, NCP10166 - Fairfield Inn & Sui	92,009.00
Paradise Energy Solutions, LLC	New York Sun Program, NY-Sun	20,848.00
	New York Sun Program, RES-New Const & Adv Tech	236,382.00
Pareto Energy LTD	Smart Grid Systems, Power Electronic Interconnect	150,000.00
Park Terrace Gardens, Inc	Green Jobs Green New York Revolving Loan Fund, Multifamily	7,970.00
Tark retrace dardens, me	Multifamily Performance Program, Multifamily	238,200.00
Park Terrace Owners Corp	Green Jobs Green New York Revolving Loan Fund, Multifamily	5,000.00
Tark refrace owners corp		50,400.00
Pathfinder Engineers & Architects, LLP	Multifamily Performance Program, Multifamily	80,936.79
attitude Linguisers & Architects, LLi	New Construction Program, Technical Assistance Services	26,371.50
Detriek Manageki	Technical Assistance Services	16,272.35
Patrick Wegerski	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	9,314.81
Peninsula Services Inc.	Fuel NY, GSP00158 - Peninsula Services	· · · · · · · · · · · · · · · · · · ·
Penn Yann Central School District	Clean Transportation, Penn Yan CSD - PON 1896	33,799.00
Performance Systems Development, Inc.	Existing Facilities Program, Technical Review and Program S	5,328.30
Perinton Manor LLC	Multifamily Performance Program, Multifamily	224,000.00
Peters LakeAire Orchards LLC	New Construction Program, NCP11578 - Jay Peter Farms	148,564.00
Petrogas Group	Fuel NY, GSP00784 - Petrogas Group	6,185.00
Pfister Energy, Inc.	Small Wind, Wind Turbine Incentive	22,743.00
PGREF I 1633 Broadway Tower, LP	Existing Facilities Program, Existing Facilities Program -	166,246.38
Phelps Memorial Hospital Center	New Construction Program, NCP11381 - Phelps Memorial Hos	2,950.00
Philips Real Estate	Flexible Technical Assistance Program, FlexTech Program - PON1746	5,188.00
Phipps Houses	Multifamily Performance Program, RES-Multifam(no longer in use)	729,075.30
Phyllis E. Underwood	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	166,461.75
Pilliar Services Inc.	Fuel NY, GSP00403 - Pilliar Services In	9,118.85
Pine Aire Gas & Convenience Corp.	Fuel NY, GSP00722 - Pine Aire Gas & Con	9,400.00
	22	

Contractor	Project Description	Total Contrac Amoun
Pliant Energy Systems LLC	Industrial Process Efficiency Program, Proof of Concept-Frond Generat	99,987.4
PointProspect	Energy Analysis, REV Outreach Support	44,175.00
Pominvilles Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	43,561.6
Poseidon Systems, LLC	Clean Transportation, Commercialization Option Progr	67,620.0
PosiGen LLC	New York Sun Program, NY-Sun	32,967.0
	New York Sun Program, RES-New Const & Adv Tech	59,820.0
Positive Energy NY, LLC	New York Sun Program, NY-Sun	8,400.0
	New York Sun Program, RES-New Const & Adv Tech	24,515.0
Power Management Co., LLC	Existing Facilities Program, EFP2105 - Power Management	42,480.8
	Existing Facilities Program, EFP2247 - 1600 Moseley Rd	96,732.5
	Existing Facilities Program, Existing Facilities Program -	28,025.7
Prestige Petroleum Corporation	Clean Transportation, PON 2290: Wappingers Valero E8	35,000.0
Prestone Realty LLC	Flexible Technical Assistance Program, FlexTech Program - PON1746	8,950.0
Price Chopper / Golub Corporation	New Construction Program, NCP11628 - Price Chopper, Litt	96,762.0
Price Chopper Super Markets	New Construction Program, NCP11295-Price Chopper Alexand	103,236.0
	New Construction Program, NCP11340 - Price Chopper Water	139,994.0
	New Construction Program, NCP11342 - Price Chopper Lake	95,332.0
Primet Precision Materials Inc.	Clean Transportation, High Rate Li-Ion Anode Materia	87,523.9
Punjab Inc.	Fuel NY, GSP00746 - Punjab Inc.	9,500.0
Punjab Oil Corp.	Fuel NY, GSP00734 - Punjab Oil Corp.	7,500.0
Putnam Home Services LLC	New York Sun Program, RES-New Const & Adv Tech	8,640.0
Pyramid Energy Engineering Services PLLC	Environmental Research, Technical Study - Chester	44,920.0
Pyrus Energy, Inc.	New York Sun Program, RES-New Const & Adv Tech	5,500.0
QwikSolar, LLC	New York Sun Program, NY-Sun	83,545.0
,	New York Sun Program, PV Incentive Program	48,600.0
	New York Sun Program, RES-New Const & Adv Tech	396,447.0
R3 Energy Management Audit & Review, LLC	Flexible Technical Assistance Program, FlexTech Consultant Selection	9,000.0
R3 Fusion Inc.	Industrial Process Efficiency Program, Treatment of Frac Water	99,545.0
R&P Oak Hill Development, LLC	Home Performance with Energy Star, RES-New Const & Adv Tech	10,000.0
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	90,000.0
Radiant Drywall & Insulation Corp.	Workforce Development, PON 2033-3 OJT	9,750.0
Rafferty Enterprises, Inc.	ADMIN, Temp Employee	6,075.0
realisty Enterprises, inc.		89,558.2
	ADMIN, Temp Employee Services	99,617.5
	Administration OH, Temp Employee Services Energy Analysis, Temp Employee Services	7,679.1
		2,025.0
	Existing Facilities Program, Temp Employee	5,561.3
	New York Green Bank, Temp Services for Green Bank	,
	NY Sun, Temp Employee Services	3,215.5
Ramapo Central School District	Existing Facilities Program, Existing Facilities Program	180,688.4
Raytec Group Inc	Industrial Process Efficiency Program, Existing Facilities - IPE 2	3,882.1
RBNB Subtenant LLC	Green Jobs Green New York Revolving Loan Fund, Multifamily	8,760.0
	Multifamily Performance Program, Multifamily	142,800.0
RE McNamara Enterprise Inc	New York Sun Program, NY-Sun	6,930.0
Real Goods Energy Tech, Inc	New York Sun Program, NY-Sun	51,660.0
	New York Sun Program, RES-New Const & Adv Tech	10,505.0
Regional Economic Models, Inc	Energy Analysis, REMI Fee and License 8/15-7/16	6,000.0
Regional Greenhouse Gas Initiative, Inc.	Energy Analysis, 2014 RGGI Inc. Contract	1,426,637.1
Renovus Energy, Inc.	New York Sun Program, NY-Sun	14,656.0
	New York Sun Program, PV Incentive Program	6,300.0
	New York Sun Program, RES-New Const & Adv Tech	192,156.0

Contractor	Project Description	Total Contrac Amoun
Rensselaer Polytechnic Institute	Environmental Research, Acid Deposition and Mercury Re	282,488.7
	Innovation Capacity & Business Development, Biomimetic Redox Catal	50,000.0
	Noise Reduction Study for Off	74,391.3
	Renewables & DER Interation, Exploring Feasibility of OLEDs	75,000.0
Research Foundation of SUNY	Advanced Buildings, 2013 China Solar Decathlon	25,000.0
	Energy Efficiency Career Pathw	79,941.8
	Green Jobs Green New York Revolving Loan Fund, Energy Efficiency	167,844.1
	Green Jobs Green New York Revolving Loan Fund, Solar Thermal Trai	107,238.3
	Innovation Capacity & Business Development, Red Panda Biomimicry	36,030.0
	Innovation Capacity & Business Development, Wireless Utility Monitorin	210,901.0
	Solar Thermal Training	25,000.0
Research Foundation of SUNY (Buffalo)	Environmental Research, EMEP: Air Quality Research	40,000.0
Research Foundation of The City	Advanced Buildings, Quantification for Daylight	50,000.0
	Clean Transportation, Truckless Solid Waste Collect	48,861.7
	Energy Efficiency Career Pathw	80,000.0
	Existing Facilities Program, Building Automation System	269,915.0
	Green Jobs Green New York Revolving Loan Fund, Energy Efficiency	119,503.0
	Green Jobs Green New York Revolving Loan Fund, GJGNY OJT Categ	121,971.0
	Last Mile Mobility Conference	22,404.2
Research Into Action, Inc.	Behavior Evaluation Services	25,000.0
	Clean Transportation, Behavior Evaluation Services	24,995.0
	Evaluation, Behavior Strategy Analysis	15,394.6
Reta Youngs	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	11,101.0
Rich & Gardner Construction Co., Inc.	Home Performance with Energy Star, Multifamily Program	7,300.0
	Home Performance with Energy Star, RES-New Const & Adv Tech	4,900.0
	New York ENERGY STAR Homes, Multifamily Program	65,700.0
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	44,100.0
Richard Tannen	Home Performance with Energy Star, RES-New Const & Adv Tech	8,000.0
Richvalley Farms Partnership	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	17,900.0
Rite Aid Corp	Existing Facilities Program, EFP1841 - Rite Aid of NY	318,719.8
Riverview Housing LLC	Green Jobs Green New York Revolving Loan Fund, Multifamily	7,680.0
•	Multifamily Performance Program, Multifamily	91,520.0
RLE. LLC	Existing Facilities Program, EFP2140 - RLE Industries / Geo	48,529.0
RLJ III - DBT Metropolitan Manhattan Les	Flexible Technical Assistance Program, FlexTech - PON1746	9,000.0
Robert A. Kanauer Jr.	New York Sun Program, NY-Sun	5,184.0
Robert C. Hassman Jr.	New York Sun Program, RES-New Const & Adv Tech	9,800.0
Robert L Hood Sherwood Finn C Carlyle Sm	Green Jobs Green New York Revolving Loan Fund, Multifamily	11,250.0
	Multifamily Performance Program, Multifamily	138,750.0
Robert Nape	Renewable Thermal, RES-New Const & Adv Tech	10,290.0
Robert S. Hostetter Jr.	New York Sun Program, NY-Sun	6,237.0
Rochester Apartment Management LLC	Multifamily Performance Program, Multifamily	584,000.0
Rochester General Hospital	New Construction Program, NCP12166 - Riedman Campus Reno	16,298.0
Cochester General Hospital		20,384.0
Pachastan Isint Cahasia Construction Bas	New Construction Program, NCP12861 - RGHS Riedman Buildi	114,985.0
Rochling Advent Tool Mold	New Construction Program, NCP11338 - John Williams #5	27,975.1
Rockefoller University	Industrial Process Efficiency Program, Industrial Process Efficiency	
Rockefeller University	Existing Facilities Program, EFP2329 - Rockefeller Universi	87,937.6
ROCSPOT	New York Sun Program, Solarize Spring 2015	5,000.0
Ronald McDonald House of NY	Existing Facilities Program, EFP2293 - Ronald McDonald Hous	99,500.8
Room and Board Inc.	New Construction Program, NCP12220 - Room and Board Chel	25,000.0
Rosenblum Rubin Property Services, LLC	Saratoga Technology + Energy Park, STEP Property Management Servi	5,683.7

Contractor	Project Description	Total Contract Amount
Ross Solar Group, LLC	New York Sun Program, RES-New Const & Adv Tech	13,734.00
	Residential PV, RPS CST Regional Program	380,413.00
Roza 14W LLC	Flexible Technical Assistance Program, FlexTech Program	42,192.00
Rural Generation & Wind (Rodney Weaver)	New York Sun Program, RES-New Const & Adv Tech	90,788.00
	Small Wind, Wind Turbine Incentive	6,503.00
Ruxton Towers L.P.	Green Jobs Green New York Revolving Loan Fund, Multifamily	6,130.00
	Multifamily Performance Program, Multifamily	127,800.00
RXR Realty	Flexible Technical Assistance Program, FlexTech Program - PON1746	9,710.00
S & T Oil Inc.	Fuel NY, GSP00529 - S&T Oil Inc.	9,862.07
S2AY Rural Health Network	New York Sun Program, Solarize Spring 2015	5,000.00
S.J. McCullagh Incorporated	Industrial Process Efficiency Program, Existing Facilities - IPE 2	7,447.08
Saab Sensis Corporation	Clean Transportation, ADVANCED TRANSPORTATION TECHNO	71,018.00
Sage Colleges, The	Existing Facilities Program, Existing Facilities Program	14,640.00
Sarah Lawrence College	Existing Facilities Program, Existing Facilities Program -	30,329.60
SCA Tissue of North America	Industrial Process Efficiency Program, Existing Facilities IPE 3	455,000.00
Schuyler-Steuben-Chemung	Flexible Technical Assistance Program, FlexTech Program	61,843.00
Scott Shipley	New York Sun Program, RES-New Const & Adv Tech	28,605.00
Sea Bright Solar, LLC	New York Sun Program, NY-Sun	33,835.00
-	New York Sun Program, RES-New Const & Adv Tech	28,122.00
Seaway Lofts Associates LLC	Multifamily Performance Program, Multifamily	5,609.66
Sedgwick Service Inc.	Fuel NY, GSP00712 - Sedgwick Service In	10,000.00
Seed Renewables Inc.	New York Sun Program, PV Incentive Program	5,600.00
	New York Sun Program, RES-New Const & Adv Tech	13,118.00
Senator Street Enterprise, Inc.	Green Jobs Green New York Revolving Loan Fund, Multifamily	3,360.00
	Multifamily Performance Program, Multifamily	31,065.00
Seneca Niagara Falls Gaming Corp	Existing Facilities Program, Existing Facilities Program	200,000.00
Sensorcon, Inc.	Existing Facilities Program, Next Gen Technologies for End-	129,920.00
Sentient Corporation	Renewables & DER Interation, Smart Digital Twin Sensor.	493,964.48
SES Apex, LLC	New York Sun Program, RES-New Const & Adv Tech	35,830.00
SES Renewable Assets, LLC	Residential PV, RES-New Const & Adv Tech	45,500.00
Sexton Farms	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	10,810.50
Sheland Farms	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	23,507.39
Sidera Networks	Industrial Process Efficiency Program, Existing Facilities - IPE 2	40,489.20
Silver Spoon Dairy LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	28,379.88
Silver Thread Vineyard	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	13,360.24
Sitecore USA, Inc.	Administration OH, Sitecore Maintenance	69,000.00
Skanska Ne Realty Inc	New Construction Program, Industrial Process Efficiency	25,970.72
Skyline Solar Inc.	New York Sun Program, NY-Sun	58,712.00
SL Green 461 Fifth Lessee	Flexible Technical Assistance Program, Flex Tech - PON1746	17,000.00
SLG 220 News Owner, LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	65,600.00
SLG 1185 Sixth A LLC	-	26,944.64
SEG TIOS SIXIII A EEG	Existing Facilities Program, Commercial	57,462.50
SLGreen	Flexible Technical Assistance Program, Flex Tech - PON1746	8,060.00
Scoreen	New Construction Program, NCP13123 - Clarfeld Wealth Str	
SI P Contracting & Sandas Company Inc	New Construction Program, NCP13124 - Legal Aid Society o	6,775.00 2,154,564.55
SLR Contracting & Service Company, Inc.	West Valley Development Program, Operations and Maintenance	
Smartkids NY, LLC	Workforce Development, Delivery of K-12 STEM program	21,500.00
SmartWatt Energy, Inc.	Existing Facilities Program, EFP2359 - SmartWatt Energy - U	42,962.28
Smith Homestead Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	12,808.50
SNL Financial	New York Green Bank, Market Research for NYGB team	18,000.00
Solar Alchemy, Inc.	New York Sun Program, NY-Sun	7,040.00

Contractor	Project Description	Total Contrac Amoun
Solar Alchemy, Inc.	New York Sun Program, RES-New Const & Adv Tech	9,477.0
	Renewable Thermal, RES-New Const & Adv Tech	25,000.0
Solar Energy LLC	New York Sun Program, PV Incentive Program	44,160.0
Solar Energy Systems, LLC	New York Sun Program, PV Incentive Program	53,858.0
	Residential PV, PV System at PearlGreen Corp.	127,212.0
	Residential PV, RPS CST Regional Program	720,807.0
Solar Generation, Inc.	New York Sun Program, NY-Sun	43,996.0
	New York Sun Program, RES-New Const & Adv Tech	21,072.0
	Workforce Development, PON 2033 OJT	23,319.2
Solar Home NJ	New York Sun Program, NY-Sun	5,760.0
	New York Sun Program, RES-New Const & Adv Tech	9,800.0
	Residential PV, PV Incentive Program	7,059.0
Solar Liberty Energy Systems, Inc	New York Sun Program, NY-Sun	36,790.0
	New York Sun Program, PV Incentive Program	74,428.5
	New York Sun Program, RES-New Const & Adv Tech	750,770.0
	NY Sun- Competitive PV, New York Sun Competitive PV Pr	260,009.0
Solar Maximum LLC	New York Sun Program, NY-Sun	5,684.0
Solar Metrology LLC	Clean Transportation, Clean Energy Business Growth D	160,000.0
Solar One, Inc.	New York Sun Program, PV Incentive Program	100,000.0
Solar Project Solutions Inc	New York Sun Program, NY-Sun	67,206.0
Solar Promotion International GmbH	New York Sun Program, 2015 Intersolar Summit USA Eas	15,000.0
Solar Revolution, LLC	New York Sun Program, NY-Sun	9,975.0
SolarCity Corporation	New York Sun Program, NY-Sun	1,565,665.0
	New York Sun Program, PV Incentive Program	57,680.0
	New York Sun Program, RES-New Const & Adv Tech	400,556.0
Solarize Albany Inc.	New York Sun Program, Solarize Spring 2015	5,000.0
Solow Building Company II, LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	44,400.0
Soundview Management Associates, LLC	Multifamily Performance Program, Multi-Family Program	52,500.0
Source One	Existing Facilities Program, Technical Review and Program S	7,240.0
	New Construction Program, NCP12726 - Clean Room Building	6,450.0
Specialty Silicone Products Inc St. John Fisher College	Existing Facilities Program, EFP2220 - St John Fischer Coll	51,105.9
St. Lawrence University	New Construction Program, NCP11411 - New Residence Hall	21,029.0
•	Multifamily Performance Program, Multifamily	36,000.0
St. Nicholas Park Apartments, LP		18,570.0
Staff IT Inc. Stantec Consulting Services, Inc.	Administration OH, Helpdesk Contractor - 3 Months Existing Facilities Program, Technical Review and Program S	8,657.5
Stanted Consulting Services, Inc.		9,835.2
	Industrial Process Efficiency Program, Industrial Process Efficiency	,
	NCP TA Contract - ST10139	9,469.0
	New Construction Program, NCP TA Contract - ST10139	19,468.0
	New Construction Program, Technical Assistance Services	45,001.0
Note Halianatha of New York Oallana	Technical Assistance Services	21,553.0
State University of New York College	New Construction Program, NCP98470 - Bailey Hall (SUNY G	71,520.0
	New Construction Program, NCP98530 - Letchworth Dining H	136,280.0
Steed Energy LLC	New York Sun Program, NY-Sun	13,440.0
	New York Sun Program, RES-New Const & Adv Tech	103,552.0
Steven Bluestone	Home Performance with Energy Star, Low-rise Residential	8,000.0
Steven Winter Associates, Inc.	Existing Facilities Program, Technical Review and Program S	12,010.9
	Flexible Technical Assistance Program, Flex Tech Task Work Order	5,771.6
	Flexible Technical Assistance Program, FlexTech Consultant Selection	74,100.0
	New Construction Program, Technical Assistance Services	90,412.5
	Technical Assistance Services	7,488.5

Contractor	Project Description	Total Contract Amount
Stewarts Shops Corp.	Existing Facilities Program, EFP1957 - Stewarts Shops	24,458.28
Structure Tone, Inc.	New Construction Program, NCP9068 - 770 Broadway (Struct	2,980.00
Sun Energy Inc.	New York Sun Program, NY-Sun	1,617.00
	New York Sun Program, RES-New Const & Adv Tech	23,121.00
Sun Source Technologies	New York Sun Program, NY-Sun	66,220.00
	New York Sun Program, RES-New Const & Adv Tech	54,459.00
SuNation Solar Systems, Inc.	New York Sun Program, NY-Sun	33,609.00
	New York Sun Program, RES-New Const & Adv Tech	100,865.00
SunConnect NY1, LLC	NY Sun- Competitive PV, New York Sun Competitive PV Pr	739,150.00
Sundog Solar, Inc.	New York Sun Program, NY-Sun	5,376.00
	New York Sun Program, RES-New Const & Adv Tech	15,120.00
	Renewable Thermal, RES-New Const & Adv Tech	19,685.00
Sungevity Development, LLC	New York Sun Program, NY-Sun	205,616.00
	New York Sun Program, PV Incentive Program	6,600.00
	New York Sun Program, RES-New Const & Adv Tech	137,255.00
Sungevity, Inc.	New York Sun Program, NY-Sun	200,252.00
	New York Sun Program, PV Incentive Program	5,733.00
	New York Sun Program, RES-New Const & Adv Tech	6,300.00
Sunnova Energy Corp	New York Sun Program, PV Incentive Program	9,869.00
	New York Sun Program, RES-New Const & Adv Tech	18,576.00
SunPower Capital, LLC	New York Sun Program, NY-Sun	1,041,821.00
	New York Sun Program, PV Incentive Program	25,321.00
	New York Sun Program, RES-New Const & Adv Tech	1,146,520.00
	Residential PV, PV Incentive Program	46,882.00
	Residential PV, RES-New Const & Adv Tech	270,293.00
SunPower SolarProgram 1, LLC	New York Sun Program, RES-New Const & Adv Tech	10,300.50
SunRise Energy Concepts Inc	New York Sun Program, RES-New Const & Adv Tech	5,500.00
Sunrise Solar Solutions, LLC	New York Sun Program, NY-Sun	43,196.00
	New York Sun Program, RES-New Const & Adv Tech	26,205.00
	Residential PV, RES-New Const & Adv Tech	82,195.00
Sunrun Installation Services, Inc	New York Sun Program, NY-Sun	18,590.00
SunRun, Inc	New York Sun Program, NY-Sun	272,806.00
	New York Sun Program, RES-New Const & Adv Tech	199,137.00
SUNY Buffalo	Innovation, Data-driven Energy Minimizatio	24,993.02
	New Construction Program, NCP7002 - Acheson Hall (Univer	402,171.00
SUNY College of Environmental Science an	Environmental Research, Environmental Research	74,988.70
SUNY College of Technology @ Alfred	Existing Facilities Program, Commercial	59,328.00
	New Construction Program, NCP10088 - Student Leadership	73,490.00
Super Fast Inc.	Fuel NY, GSP00704 Super Fast Inc.	7,000.50
Superior Energy Innovations, LLC	Green Jobs Green New York Revolving Loan Fund, PON 2033 OJT	5,720.00
	Workforce Development, PON 2033 OJT	4,680.00
Supreme Gas LLC	Fuel NY, GSP00365 - Supreme Gas LLC	7,403.50
Susan Kenyon	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	10,689.26
Sustainable CUNY CUNY/RF	New York Sun Program, 2015 New York Solar Summit	12,000.00
Sustainable Edge, LLC	Clean Transportation, Innovation Cap & Biz Dev	103,700.00
Sustainable Energy Advantage, LLC	NY Sun, Renewable Portfolio Standard T	66,595.69
Sustainable Energy Developments Inc.	New York Sun Program, NY-Sun	16,968.00
	New York Sun Program, RES-New Const & Adv Tech	25,020.00
SV Land One	Flexible Technical Assistance Program, FlexTech Program - PON1746	10,000.00
Syracuse Chapter of the Construction	Advanced Energy Codes, 2015 CSI Innovation	5,000.00

Contractor	Project Description	Total Contract Amount
Syracuse University	Clean Transportation, Supercritical Fuel System for	176,217.77
Systems Management Planning, Inc.	40 RSA Tokens	5,456.00
	Administration OH, Renewal - WebEx Licensing	17,305.44
	Administration OH, SMARTnet - Maintenance Agreeme	72,498.64
	Administration OH, VMWare Software - Renewal	25,691.18
	NYC: Redundant Cisco Hardware	33,237.84
T-C 475 Fifth Avenue LLC	New Construction Program, NCP11128 - 475 Fifth Avenue	66,621.00
T-C 780 Third Avenue Owner LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	10,750.00
TAG Mechanical Systems, Inc.	New York Sun Program, NY-Sun	79,972.00
Taitem Engineering, P.C.	Flexible Technical Assistance Program, FlexTech Consultant Selection	13,440.24
	New York Sun Program, NY-Sun	93,404.00
	New York Sun Program, RES-New Const & Adv Tech	28,307.00
	Renewables & DER Interation, Advanced Deep Energy Retrofits	299,889.00
Tapecon, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	6,713.76
Tech Valley Talent, LLC	Administration OH, Business Analyst / Project Man	197,904.00
	Administration OH, Business Intelligence Develope	188,507.25
	Administration OH, Salesforce	101,040.00
	Administration OH, Supplemental IT Resource - Ser	183,961.25
	SecureAuth Single Sign-On Syst	60,050.00
Tecogen	Combined Heat and Power, CHP Acceleration Program	396,000.00
	Combined Heat and Power, CHPA - Bates Troy Healthcare L	594,000.00
Temple Israel City of New York	Existing Facilities Program, EFP2264 - Temple Israel of New	44,918.48
Tern Construction & Development, LLC	Home Performance with Energy Star, RES-New Const & Adv Tech	31,675.00
	New York ENERGY STAR Homes, RES-New Const & Adv Tech	285,075.00
Terrapin Bright Green, LLC	Flexible Technical Assistance Program, Flex Tech - PON1746	5,500.00
Texas A&M Research Foundation	Environmental Research, Pilot Testing Pretreatment Opt	215,095.22
The Association for Rehabilitative Case	Multifamily Performance Program, Multifamily	94,617.95
The Blackstone Group	Flexible Technical Assistance Program, Flex Tech - PON1746	7,081.99
The Cadmus Group, Inc.	Innovation Capacity & Business Development, Data Center Market Res.	431,610.99
The Carriage House Companies, Inc.	Industrial Process Efficiency Program, Existing Facilities - IPE 2	179,681.64
The Churchill Owners Corp.	Combined Heat and Power, Distributed Generation as Comb	487,700.00
The Community Builders, Inc.	Multifamily Performance Program, Multifamily	133,857.00
The Cooper Union for the Advancement of	Combined Heat and Power, Cooper Union Foundation Buildi	393,000.00
The Culinary Institute of America	New Construction Program, NCP11407 - Student Center	36,453.00
The Jewish Home and Hospital/ Bronx Divi	Flexible Technical Assistance Program, FlexTech Program	49,000.00
The Levy Partnership, Inc.	Advanced Buildings, High Performance Residential D	53,253.00
	Renewables & DER Interation, High Performance Residential D	30,000.00
The New Gerard Co., LLC	New York ENERGY STAR Homes, RES-New Const & Adv Tech	15,000.00
The New York Internet Company Inc	Industrial Process Efficiency Program, Industrial Process Efficiency	70,135.36
The Onondaga Galleries of Syracuse	Existing Facilities Program, EFP2237 - Onondaga Galleries	54,851.00
The Pennsylvania State University	Innovation Cap & Biz Dev	121,000.00
The Plaza Condominium	Flexible Technical Assistance Program, FlexTech - PON1746	17,325.00
The Public Broadcasting Council of	New Construction Program, NCP10272 - Wyoming Street (WCN	127,292.00
The Radiant Store	Green Jobs Green New York Revolving Loan Fund, GJGNY NYS Regis	44,060.00
	Renewable Thermal, NY-Sun	240,024.00
	Renewable Thermal, NYSERDA Administration	16,817.00
	Renewable Thermal, RES-New Const & Adv Tech	640,760.00
	Workforce Development, GJGNY NYS Registered Apprentic	19,760.00
The Research Foundation for the State	Clean Transportation, Regenerative Shock Absorber	80,876.06
The Research Foundation for the State		,0.0.00

Contractor	Project Description	Total Contract Amount
The Research Foundation of SUNY (UB)	Environmental Research, Gas Shale CO2Fracture Study	100,001.00
The Research Foundation of SUNY at Bing	Smart Grid Systems, Grid Reliability Improvements	100,000.00
The Sports Authority	New Construction Program, NCP12617 - The Sports Authorit	1,590.00
	New Construction Program, NCP12641 - The Sports Authorit	6,710.00
The Stanton Condominium	Green Jobs Green New York Revolving Loan Fund, Multifamily	7,520.00
	Multifamily Performance Program, Multifamily	211,200.00
The TJX Companies, Inc.	New Construction Program, NCP12302 - Marshalls New York	5,520.00
Theodore Theodoropoulos	New York Sun Program, RES-New Const & Adv Tech	10,500.00
ThermoAura Inc.	Innovation Capacity & Business Development, SPS advcd fabrication to	100,000.00
ThinkEco, Inc.	Clean Transportation, Clean Energy Business Growth D	197,575.00
Thomas Skeels	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	8,982.00
Thomas Wittmeyer Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	6,392.36
Three Brothers and Nephew Corp.	Fuel NY, GSP00635 - Three Brothers and	10,000.00
TIAA-CREF	Industrial Process Efficiency Program, Existing Facilities IPE 3	55,377.44
Tides Center	Innovation, NYSolar Smart SunShares	3,207.66
	Workforce Development, NYSolar Smart SunShares	3,207.67
Time Warner Cable	Industrial Process Efficiency Program, Industrial Process Efficiency	43,594.24
Time Warner Center Condominium	Existing Facilities Program, EFP2034-Source One; Time Warner	65,826.83
Time Warner of Albany NY	New Construction Program, Existing Facilities IPE 3	72,803.16
TM Montante Solar Developments, LLC	New York Sun Program, PV Incentive Program	33,000.00
• ,	New York Sun Program, RES-New Const & Adv Tech	52,400.00
Tompkins Community Action	Green Jobs Green New York Revolving Loan Fund, PON 2033-3 OJT	2,672.50
, , , , , , , , , , , , , , , , , , , ,	Workforce Development, PON 2033-3 OJT	7,280.00
Top Green LLC	Fuel NY, GSP00391 - Top Green LLC	10,000.00
Tops Markets, Inc.	Existing Facilities Program, EFP2225 - Tops Markets; Tops D	536,220.15
	New Construction Program, NCP12744 - Tops Walworth #428	24,171.00
Town of Brookhaven	New York Sun Program, Solarize Spring 2015	5,000.00
Town of Frankfort	New Construction Program, NCP98764 - Town of Frankfort (5,223.00
Town of Irondequoit	New Construction Program, NCP12481 - Irondequoit Town Li	19,379.00
Town of Southampton	New York Sun Program, Solarize Spring 2015	5,000.00
Town of Williamson	New York Sun Program, Solarize Spring 2015	5,000.00
Toys R Us	Existing Facilities Program, EFP2229-Toys R Us - Upstate 7	123,255.00
Trane	Existing Facilities Program, EFP1944 - Trane; Wayne County	188,866.17
Trans	Existing Facilities Program, Existing Facilities Program -	125,188.11
	Existing Facilities Program, PON1219EE5	241,147.08
TRC Companies, Inc.	Existing Facilities Program, Existing Facilities Tech Assis	7,794.37
The companies, me.		124,464.00
TRC Energy Services	Existing Facilities Program, Existing Facilities Tech Assit	9,880.81
TRO Ellergy Services	Advanced Buildings, Technical Review and Program S	149,077.68
	Existing Facilities Program, Technical Review and Program S	
	Industrial Process Efficiency Program, Industrial Process Efficiency	6,053.60
	Industrial Process Efficiency Program, Technical Review and Program S	2,937.03
Tri Ot. Potition II	Renewable Heat NY, Technical Review and Program S	76,049.54
Tri County Refrigeration	Existing Facilities Program, Existing Facilities Program -	94,120.29
Triad Technology Partners LLC	Administration OH, TRIAD Licenses and maintenance	42,217.50
Triangle Electrical Systems, Inc.	New York Sun Program, NY-Sun	18,864.00
Trinity Heating & Air, Inc.	New York Sun Program, NY-Sun	11,555.00
	New York Sun Program, PV Incentive Program	54,920.00
	New York Sun Program, RES-New Const & Adv Tech	416,519.00
Trinity Services International Corp	New York Sun Program, RES-New Const & Adv Tech	8,460.00
True Energy Solutions	Green Jobs Green New York Revolving Loan Fund, GJGNY NYS Regis	56,056.54

Contractor	Project Description	Total Contract Amount
True Energy Solutions	Home Performance with Energy Star, Single Family Residential	134,814.00
	Workforce Development, GJGNY NYS Registered Apprentic	3,575.00
Tuning Family Farm	Agriculture Energy Efficiency Program, AEEP - Pre Enc	7,613.70
Turf Colonie LLC	New Construction Program, NCP11678 - Staybridge Suites A	13,850.00
Twin Birch Dairy LLC	Anaerobic Digester Program, RPS CST ADG Twin Birch ICE	613,954.00
U.S. Department of Energy/Wv	Direct Fund Share WVDP FFY2014	6,303,167.00
U.S. Postal Service	Existing Facilities Program, Existing Facilities Program	398,178.00
U.S. Salt LLC	Industrial Process Efficiency Program, Existing Facilities - IPE 2	355,196.00
	Industrial Process Efficiency Program, Industrial and Process Efficie	108,472.00
United Natural Foods Inc	New Construction Program, NCP11521 - UNFI New York	630,386.00
United Wind, Inc.	Small Wind, On-Site Wind Turbine Incentive	295,961.00
	Small Wind, Wind Turbine Incentive	489,872.00
University of Rochester	New Construction Program, NCP12373 - Gavett Hall	5,840.00
	New Construction Program, NCP12526 - UofR Strong West Or	5,305.00
	New Construction Program, NCP12527 - UofR Strong West Am	6,250.00
University System of New Hampshire	Environmental Research, Monitor CO from Wood Pellets	49,856.63
Upstate Alternative Energy	New York Sun Program, RES-New Const & Adv Tech	8,910.00
Upstate Properties Development Inc	New Construction Program, NCP10117 - SUNY Upstate Medic	123,648.00
Upstate Venture Connect	Innovation Capacity & Business Development, Accelerator Feasibility	40,000.00
US Green Building Council	Smart Grid Systems, PEER Fundamentals Training	12,500.00
US Light Energy LLC	New York Sun Program, RES-New Const & Adv Tech	140,000.00
USGS National Center MS270	Energy Analysis, fish resurveys - Esopus Creek	25,090.00
	Environmental Research, LTM at Buck Creek	90,000.00
	Innovation, Acidification on Long Island	47,554.00
	Innovation, Steamflow Estimation Tool	275,000.00
Utility Systems Tech., Inc.	Smart Grid Systems, Utility Systems Technologies	250,000.00
Valley Gas Inc.	Fuel NY, GSP00478 - Valley Gas Inc.	10,000.00
Van Der Veeken, Han	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	35,294.25
Van DeWalle Fruit Farm, LLC	New Construction Program, NCP11592 - VanDeWalle Fruit Fa	32,971.00
VanLieshout Farm	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	63,611.25
Vaux Condominum	Multifamily Performance Program, Multifamily	39,624.00
Veeder Hospitality Management, LLC	Multifamily Performance Program, 2015 LIFE Regional Saratoga	5,220.00
Vermont Energy Investment Corporation	Existing Facilities Program, Technical Review and Program S	38,152.78
	Industrial Process Efficiency Program, Technical Review and Program S	5,527.00
Versar, Inc	Company Name Change to Versar	4,069.99
Veterans Affairs Medical Center	Existing Facilities Program, Existing Facilities Program -	41,600.00
Vetrina New York LLC	New Construction Program, NCP10263 - 66 East 11th St	45,730.00
Viacom International, Inc.	Industrial Process Efficiency Program, Industrial Process Efficiency	150,747.68
Vidaris, Inc.	Flexible Technical Assistance Program, FlexTech Consultant Selection	105,066.09
	New Construction Program, Technical Assistant Services	201,355.30
	Technical Assistant Services	91,096.86
Viking Solar, Inc.	Renewable Thermal, NY-Sun	5,075.00
Village Center for Care	New Construction Program, NCP5125 - Village Nursing Home	163,316.00
Village of Newark Valley	New York Sun Program, Solaize Spring 2015	5,000.00
•	Industrial Process Efficiency Program, Industrial Process Efficiency	78,106.56
Village of Silvercreek		5,375.00
Vincents Heating and Fuel Service, LLC	Renewable Heat NY RHINY Residential Pellet Roller	
Vincents Heating and Fuel Service, LLC	Renewable Heat NY, RHNY Residential Pellet Boiler New York Sun Program, NY-Sun	
	New York Sun Program, NY-Sun	64,417.00
Vincents Heating and Fuel Service, LLC		

Contractor	Project Description	Total Contract Amount
Viridity Energy Inc.	Existing Facilities Program, EFP1953 - Viridity	372,654.11
Voltaic Solaire LLC	Residential PV, RES-New Const & Adv Tech	12,334.00
VVN Inc.	Fuel NY, GSP00696 - VVN Inc.	10,000.00
Walgreen's	Existing Facilities Program, EFP2262 - Walgreens - Multiple	150,384.66
Wallkill Realty Partners LLC	New Construction Program, NCP12411 - 21 Riverside Drive	13,362.50
Walter and Samuels	Flexible Technical Assistance Program, 1746EPS1SB	105,388.00
Warner Energy, LLC	New York Sun Program, RES-New Const & Adv Tech	54,235.00
Washington Street Properties, LLC	Multifamily Performance Program, Multifamily	71,000.00
Water Research Foundation	Industrial Process Efficiency Program, Workshop with WRF/CEC	30,700.00
Wave Service Inc.	Fuel NY, GSP00588 - Wave Service Inc.	10,000.00
Wayne County Eggs LLC	Agriculture Energy Efficiency Program, Agriculture Energy Efficiency	250,000.00
Wegmans Food Markets, Inc.	Flexible Technical Assistance Program, 1746EPS1SB	40,170.00
	New Construction Program, NCP11223 - Wegmans East Ave	172,818.00
Weill Medical College at Cornell Univers	Flexible Technical Assistance Program, Flex Tech - PON1746	15,375.00
-	New Construction Program, NCP98350 - Biomedical Research	551,371.00
Wendel Energy Services, LLC	Flexible Technical Assistance Program, FlexTech Consultant Selection	222,837.17
,	Industrial Process Efficiency Program, Existing Facilities IPE 3	140,436.26
Wendel WD Architecture, Engineering,	Anaerobic Digester Program, Environment Research	908.19
g,	Environment Research	34,410.33
	Environmental Research, Environment Research	1,566.37
West 149th Street Apartments, LP	Multifamily Performance Program, Multifamily	57,327.00
Trest 145th Ottoet Apartments, El	Multifamily Performance Program, NYSERDA Administration	50,088.00
West Gas Inc.		10,000.00
	Fuel NY, GSP00705 - West Gas Inc.	10,000.00
West Hempstead Auto Care	Fuel NY, GSP00372 - West Hempstead Auto	
Westchester Auto Repair Service Inc.	Fuel NY, GSP00244 - Westchester Auto Re	6,000.00
Westmoreland Development Company of NY,	New Construction Program, NCP12217 - Westmoreland Ambula	9,360.00
White Management Corp.	New Construction Program, NCP8006 - Creo Restaurant	30,699.00
White Plains Affordable Housing Fund LLC	Green Jobs Green New York Revolving Loan Fund, Multifamily	5,100.00
	Multifamily Performance Program, Multifamily	83,300.00
White Plains Service Station Inc.	Fuel NY, GSP00389 - White Plains Servic	13,000.00
Whitesboro Central School District	Clean Transportation, PON 1896 propane buses	15,802.68
Who's We LLC	Existing Facilities Program, Existing Facilities Program -	32,070.44
Whole Foods Market Group, Inc.	New Construction Program, NCP10124 - Whole Foods Market	179,430.00
Widetronix, Inc.	Clean Transportation, NY-BEST Bench to Prototype Sol	246,347.42
Wildlife Conservation Society	Environmental Research, Environmental R&D Writing	4,064.00
Willdan Energy Solutions	Existing Facilities Program, Technical Review and Program S	3,485.89
	Industrial Process Efficiency Program, Industrial Process Efficiency	168,388.77
	Market Pathways, Participation Loan Outreach	2,956.53
Williamsville Central School District	Existing Facilities Program, EFP2261- Williamsville CSD	30,167.20
Windsor Fuel Co. Inc.	Clean Transportation, PON2454: Biofuel Distributor P	150,000.00
Winston Churchill Owners Corp.	Encumber - GEPP	330,080.00
Wise Home Energy, LLC	Home Performance with Energy Star, Stonewood Apartments Low-Rise	29,370.00
WM Group Services, LLC	Combined Heat and Power, FlexTech Consultant Selection	61,510.00
	Existing Facilities Program, FlexTech Consultant Selection	13,642.00
	Flexible Technical Assistance Program, FlexTech Consultant Selection	34,250.50
Women's Housing & Econ. Development Corp	Flexible Technical Assistance Program, Flex Tech - PON1746	8,175.00
WSP USA Corp.	Flexible Technical Assistance Program, FlexTech Consultant Selection	17,886.52
·	New Construction Program, Technical Assistance NCP	29,479.92
	Technical Assistance NCP	40,400.00

Contractor	Project Description	Total Contract Amount
WVH Housing Development Fund Corp.	Multifamily Performance Program, Multifamily	252,000.00
Wyeth Pharmaceuticals	Industrial Process Efficiency Program, Existing Facilities - IPE 2	236,161.68
Xerox Corp	Industrial Process Efficiency Program, Industrial Preformance Program	23,150.05
	Industrial Process Efficiency Program, Industrial Process Efficiency	87,855.40
Yale Robbins Publications, LLC	Combined Heat and Power, 2016 Cooperator Co-op & Condo	15,000.00
YMCA of Greater New York	Flexible Technical Assistance Program, FlexTech Program	11,250.00
Yonkers Contracting Company	Existing Facilities Program, EFP2064 - Yonkers Contracting	55,940.24
You Save Green Incorporated	New York Sun Program, NY-Sun	40,890.00
	New York Sun Program, RES-New Const & Adv Tech	44,240.00
Yulicka Petroleum Inc.	Fuel NY, GSP00408 - Yulicka Petroleum I	10,000.00
ZeroPoint Clean Tech Inc.	Innovation Capacity & Business Development, Renewable, Clean Energ	222,625.00
Zullin Inc.	Fuel NY, GSP00673 - Zullin Inc.	9,500.00
Zwilling J.A. Henckels LLC	New Construction Program, NCP11078 - Zwilling J.A. Henck	15,115.00
Grand Total		161,528,120.94

NYSERDA Public Authority Law Report April 1, 2015 to September 30, 2015

Section Break

NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (A Component Unit of the State of New York)

FINANCIAL STATEMENTS

March 31, 2015

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RESPONSIBILITY FOR FINANCIAL REPORTING

Management is responsible for the preparation, integrity and objectivity of the financial statements of the New York State Energy Research and Development Authority (the Authority), as well as all other information contained in the Authority's Annual Report. The financial statements of the Authority for the fiscal year ending March 31, 2015 were prepared in conformity with U.S. generally accepted accounting principles. Financial information contained elsewhere in the Annual Report is consistent with the financial statements. The Board of the Authority adopted these financial statements and the Annual Report at a meeting on June 18, 2015.

The Authority maintains a system of internal controls, the objectives of which are to provide reasonable assurance as to the proper authorization and recording of transactions, the safeguarding of Authority assets, the compliance with applicable laws and regulations, and the reliability of financial records for preparing financial statements. The internal control structure is subject to periodic review by management, internal audit staff and the independent auditors. No internal control system can provide absolute assurance that errors and irregularities will not occur due to the inherent limitations of the effectiveness of internal controls; however, management strives to maintain a balance, recognizing that the cost of such system should not exceed the benefits derived.

The Authority's financial statements have been audited by KPMG LLP, independent auditors appointed by the Members of the Authority. Management has made available to the independent auditors all the financial records and related data of the Authority, as well as providing access to all the minutes of the meetings of the Board and its standing committees. The independent auditors periodically meet directly with the Audit and Finance Committee of the Board, which is comprised of Members who are not employees of the Authority.

The independent audit included obtaining an understanding of the internal control structure, tests of accounting records, and other procedures which the independent auditors considered necessary in order to express an opinion as to the fairness of the presentation of the financial statements. No material weaknesses in internal control or any condition of non-compliance with applicable laws, regulations or policy were noted by the independent auditors. The unmodified independent auditors' report attests that the financial statements are presented fairly, in all material respects, in accordance with U.S. generally accepted accounting principles.

John B. Rhodes President and Chief Executive Officer

Sol BRU

Jeffrey J. Pitkin Treasurer and Chief Financial Officer



KPMG LLP 515 Broadway Albany, NY 12207-2974

Independent Auditors' Report

Members of the Authority
New York State Energy Research and Development Authority:

Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the New York State Energy Research and Development Authority (a component unit of the State of New York) (the Authority) as of and for the year ended March 31, 2015, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with U.S. generally accepted accounting principles; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditors consider internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.



Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the New York State Energy Research and Development Authority as of March 31, 2015, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with U.S. generally accepted accounting principles.

Other Matters

Required Supplementary Information

U.S. generally accepted accounting principles require that management's discussion and analysis and the Schedule of Funding Progress for Other Postretirement Benefits be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

The Responsibility for Financial Reporting section is presented for the purpose of additional analysis and is not a required part of the basic financial statements. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated June 19, 2015 on our consideration of the Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control over financial reporting and compliance.



Albany, New York June 19, 2015

The following Management's Discussion and Analysis (MD&A) of New York State Energy Research and Development Authority's (NYSERDA) financial performance provides an overview of NYSERDA's financial activities for the fiscal year ended March 31, 2015. The information contained in the MD&A should be considered in conjunction with the information presented as part of NYSERDA's basic financial statements as presented. Following this MD&A are the basic financial statements of NYSERDA with the notes thereto that are essential to a full understanding of the data contained in the financial statements. NYSERDA's basic financial statements have the following components: (1) government-wide financial statements; (2) governmental fund financial statements; (3) proprietary fund financial statements; (4) fiduciary fund statements; and (5) notes to the financial statements.

The government-wide financial statements are designed to provide readers with a broad overview of NYSERDA's finances in a manner similar to a private-sector business. The *Statement of Net Position* presents information on all of NYSERDA's assets and liabilities, and the difference between the two is reported as *net position*. The *Statement of Activities* presents information showing how NYSERDA's net position changed during each fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of the related cash flows. Thus, revenues and expenses are reported in the statement for some items that will result in cash flows in future fiscal periods, or which already resulted in cash flows in a prior fiscal period. The government-wide financial statements present information about NYSERDA as a whole. All of the activities of NYSERDA are considered to be governmental activities, with the exception of the activities of NY Green Bank which are considered business-type activities.

Governmental fund financial statements focus on near-term inflows and outflows of resources, as well as on balances of resources available at the end of the fiscal year. Such information may be useful in evaluating a government's near-term financing requirements. Because the focus of governmental funds is narrower than that of the government-wide statements, it is useful to compare the information presented for governmental activities in the government-wide financial statements. By doing so, the reader may better understand the long-term impact of the government's near-term financing decisions. The governmental fund balance sheet and the governmental statement of revenues, expenditures, and changes in fund balances provide a reconciliation to facilitate the comparison between governmental funds and governmental activities.

Proprietary fund financial statements provide information for business-type activities where NYSERDA charges fees to customers to recover costs of providing services. NY Green Bank is reported as a Proprietary Fund. The Proprietary Fund financial statements include a *Statement of Net Position*, a *Statement of Revenue*, Expenses and Changes in Net Position, and a *Statement of Cash Flows*.

The fiduciary financial statements report assets held by NYSERDA in a fiduciary capacity for others, and consist of a Statement of Fiduciary Net Position and Statement of Changes in Fiduciary Net Position. These funds are not reflected in the government-wide financial statements because the resources of those funds are not available to support NYSERDA's programs.

The notes to the financial statements provide additional information that is essential for a full understanding of the information provided in the government-wide, governmental fund, and proprietary fund financial statements.

CONDENSED FINANCIAL INFORMATION

The following condensed financial information is presented from NYSERDA's government-wide financial statements: (Amounts in thousands)

	Governmental Activities	Business-type Activities	Total	Total	
Summary of Net Position	March 31,	March 31,	March 31,	March 31,	% Change
	<u>2015</u>	<u>2015</u>	<u>2015</u>	<u>2014</u>	<u>2015-2014</u>
Cash and investments	\$1,402,467	216,374	1,618,841	1,412,673	14.6%
Capital assets	14,843	-	14,843	12,980	14.4%
Other assets	118,007	-	118,007	189,263	-37.6%
Total assets	1,535,317	216,374	1,751,691	1,614,916	8.5%
Long-term liabilities	59,257	-	59,257	31,888	85.8%
Other liabilities	94,671	74	94,745	98,620	-3.9%
Total liabilities	153,928	74	154,002	130,508	18.0%
Net Position:					
Unrestricted	3,569	-	3,569	3,944	-9.5%
Net investment in capital assets	14,799	-	14,799	12,918	14.6%
Restricted	1,363,021	216,300	1,579,321	1,467,546	7.6%
Total Net Position	\$1,381,389	<u>216,300</u>	<u>1,597,689</u>	<u>1,484,408</u>	<u>7.6%</u>

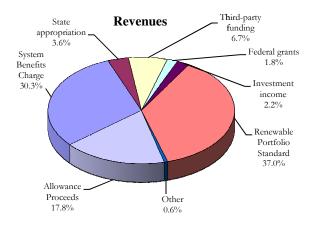
Total assets increased \$136,775,000 (8.5%). Cash and investments increased \$206,168,000 (14.6%) primarily due to revenues exceeding expenses in the Renewable Portfolio Standard (RPS) and Regional Greenhouse Gas Initiative (RGGI) programs. Other assets decreased by \$71,255,000 (-37.6%) principally due to a \$94,019,000 decrease in the accrued receivable for Energy Efficiency Portfolio Standard (EEPS) program expenses in excess of collections and transfers. Partially offsetting the decrease in other assets was a \$30,789,000 increase in loans outstanding through the NY Green Jobs-Green New York program due to additional loans issued, and the procurement of strategic gasoline reserves valued at \$12,898,000 as of March 31, 2015.

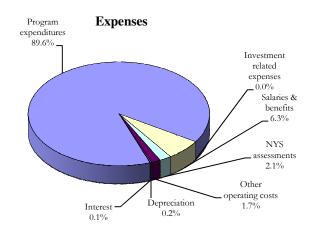
Total liabilities increased \$23,494,000 (18.0%). Long-term liabilities increased \$27,369,000 (85.8%) primarily due to \$30,000,000 in borrowing under a three year note to fund the NY Green Jobs-Green New York loan program. Other liabilities decreased by \$3,875,000 (-3.9%) primarily due to a reduction in the amount owed to Con Edison for the System Wide Demand Reduction program as the program winds down, and in the amount owed for the RGGI settlement agreement as the underlying contracts are slated to expire soon.

Net position, the difference between NYSERDA's assets and liabilities, increased by 7.6% from \$1,484,408,000 to \$1,597,689,000. Restricted net position (unexpended funds received for particular specified programmatic purposes) increased 7.6% to \$1,579,321,000. Unrestricted net position, which can be used to finance operations without constraints established by debt covenants, enabling legislation, or other legal requirements, decreased by 9.5%, to \$3,569,000.

(Amounts in thousands)

	Governmental	Business-type			
	Activities	Activities	Total	Total	
	March 31,	March 31,	March 31,	March 31,	% Change
Summary of Changes in Net Position	<u>2015</u>	<u>2015</u>	<u>2015</u>	<u>2014</u>	<u>2015-2014</u>
Program Revenues:					
State appropriations	\$28,406	-	28,406	33,330	-14.8%
System Benefits Charge	238,834	-	238,834	387,605	-38.4%
Renewable Portfolio Standard	291,448	-	291,448	253,344	15.0%
Allowance proceeds	140,568	-	140,568	169,351	-17.0%
Third-party reimbursements	52,911	-	52,911	31,850	66.1%
Federal grants	14,384	-	14,384	11,757	22.3%
Interest subsidy	517	-	517	336	53.9%
Loan interest	1,655	-	1,655	1,154	43.4%
Investment income	15,866	1,176	17,042	2,906	486.4%
Other program revenue	2,664	-	2,664	2,722	-2.1%
Total Revenues	787,253	1,176	788,429	894,355	-11.8%
Expenses:					
Salaries and benefits	40,257	2,497	42,754	42,876	-0.3%
Program expenditures	604,803	-	604,803	464,638	30.2%
Investment related expenses	-	78	78	-	100.0%
Other operating costs	10,371	880	11,251	7,938	41.7%
Depreciation	1,264	60	1,324	2,086	-36.5%
NY State assessments	14,271	77	14,348	12,870	11.5%
Interest	590	-	590	375	57.3%
Payment to NY State	-	-	-	25,000	-100.0%
Total Expenses	671,556	3,592	675,148	555,783	21.5%
Increase in net position before transfers	115,697	(2,416)	113,281	338,572	-66.5%
Transfers	(500)	500	_	-	_
Change in net position	\$115,197	(1,916)	<u>113,281</u>	<u>338,752</u>	<u>-66.5%</u>





Total Revenue decreased by 11.8% from \$894,355,000 to \$788,429,000. State appropriation revenue decreased by \$4,924,000 (-14.8%) primarily as a result of \$10,000,000 in non-recurring funding for the Strategic Fuel Reserve program in FY 13-14, offset in part by an increase for the West Valley program, since a portion of prior year costs were funded from reserves on hand which have since been depleted. System Benefits Charge revenue decreased by \$148,771,000 (-38.4%) principally due to \$90,000,000 of non-recurring revenues in the prior year provided by utility companies pursuant to a PSC Order for a portion of the initial capitalization of NY Green Bank; additionally, collections for the New York Energy \$mart program expired during FY 14-15. Renewable Portfolio Standard revenue increased \$38,104,000 (15.0%) as a result of scheduled increases in utility assessment collections transferred to NYSERDA. Allowance proceeds decreased by

\$28,783,000 (-17.0%) due to a smaller number of allowances being sold than in the prior fiscal year. Third-party reimbursements increased by \$21,062,000 (66.1%), principally related to new funding for the Indian Point Energy Center Reliability Contingency program as well as new funding of \$10,000,000 from the New York Power Authority for the Upstate Strategic Fuel Reserve. Federal grants revenue increased \$2,627,000 (22.3%) primarily due to an increase in revenue for expenses incurred under a Gas Station Transfer Switch program grant. Interest subsidy represents a payment from the Internal Revenue Service of a portion of the interest expense paid for bonds issued in August 2013 to finance residential energy efficiency loans, which were issued as Qualified Energy Conservation Bonds. Loan interest income increased \$501,000 (43.4%) as a result of additional loans outstanding. Total investment income increased \$14,136,000 (486.4%) primarily due to an approximately \$12,572,000 change in the market value of investments held from April 1, 2013 to March 31, 2015.

Total Expenses increased 21.5% from \$555,783,000 to \$675,148,000. Program Expenditures increased \$140,164,000 (30.2%) primarily due to higher expenditures in the RPS, EEPS, T&MD and RGGI programs. Other Operating Costs increased \$3,314,000 (41.7%) primarily from information technology consulting services to support the development of several corporate technology initiatives. NY State Assessments increased by \$1,478,000 (11.5%) over the prior year due to an increase in NYSERDA's annual assessment.

FINANCIAL ANALYSIS OF FUNDS

Total fund balances for the Governmental Funds increased from \$1,285,087,000 to \$1,425,924,000 as further described below:

- The Energy Efficiency Portfolio Standard fund balance decreased from \$128,820,000 to \$100,675,000 principally due to expenses in excess of scheduled collections.
- The Technology & Market Development Portfolio fund balance decreased from \$196,647,000 to \$192,014,000, with expenses slightly outpacing scheduled collections.
- The Renewable Portfolio Standard fund balance increased from \$393,288,000 to \$491,241,000 principally as a result of funds received from scheduled collections, in excess of expenditures.
- The RGGI fund balance increased from \$208,554,000 to \$274,256,000 principally as a result of greater than anticipated additional allowance proceeds collected but not yet spent, offset in part by a transfer to the Green Jobs Green NY program fund of \$5,227,000.
- The Other Programs fund balance increased from \$357,778,000 to \$367,756,000 principally as a result of the inflow of \$30,000,000 in funds from the issuance of Residential Energy Efficiency Financing Revenue Notes. Partially offsetting the aforementioned was the expenditure of funds previously collected in the New York Energy \$mart program as the program winds down.

Total net position for the Proprietary Fund was \$216,300,000 at March 31, 2015 as described below:

• NY Green Bank was created in 2013 and was funded by a December 2013 Order of the Public Service Commission ("Commission") reallocating and repurposing \$165,600,000 in uncommitted utility EEPSI funds, uncommitted NYSERDA Systems Benefit Charge, Energy Efficiency Portfolio Standard, and Renewable Portfolio Standard funds, and from a \$52,926,000 NYSERDA RGGI contribution. Minimal other revenues were earned or expenses incurred during the fiscal years ended March 31, 2015 and 2014 for this start-up program. For the fiscal year ended March 31, 2015, NY Green Bank engaged in several start-up activities including: hiring additional staff; developing systems, policies and procedures; and making a number of critical filings with the Commission, including those relating to NY Green Bank's business plan and metrics. NY Green Bank issued a solicitation in February 2014 seeking ongoing proposals from private sector capital providers and clean energy industry participants to propose transactions involving partnerships with NY Green Bank. In March 2015, NY Green Bank committed capital to counterparties for its first four transactions totaling \$56,400,000. These transactions are in negotiation with counterparties and NY Green Bank anticipates finalizing the agreements and deploying capital for these transactions during the fiscal year ending March 31, 2016. Several other potential financing transactions are also subject to due diligence as of March 31, 2015.

CAPITAL ASSET AND DEBT ADMINISTRATION

NYSERDA maintains land, buildings, and furniture and equipment in various locations for its corporate purposes. Total capital assets as of March 31, 2015 were \$14,843,000, net of accumulated depreciation. Capital asset additions for the fiscal year ended March 31, 2015 were approximately \$3,222,000 primarily for leasehold improvements and furniture at a new location for the NYC office and for technology upgrades.

Total long-term liabilities increased from \$31,888,000 to \$59,257,000 primarily due to \$30,000,000 in Residential Energy Efficiency Financing Revenue Notes (Series 2014) issued to the New York State Environmental Facilities Corporation, secured with a pledge of payments from residential energy efficiency loans issued under the Green Jobs-Green New York program. Partially offsetting this increase was the scheduled principal payment on the Residential Energy Efficiency Financing Revenue Bonds (Series 2013A) issued in August 2013.

NYSERDA also issues tax-exempt bonds on a conduit basis on behalf of utility companies to finance certain eligible projects. As of March 31, 2015, approximately \$3,358,540,000 of bonds are outstanding. These bonds are non-recourse bonds and, as such, are not included in NYSERDA's financial statements.

ECONOMIC FACTORS

A substantial portion of NYSERDA's annual revenues are derived from sources, whose collection schedules, pursuant to Orders of the Commission, are currently scheduled to expire, unless extended, as follows: Energy Efficiency Portfolio Standard funds in December 2018, Technology and Market Development Portfolio funds in December 2017, and Renewable Portfolio Standard funds in October 2024.

Pursuant to the Order Commencing Proceeding ("CEF Order") issued on May 8, 2014 by the Commission, NYSERDA filed a Clean Energy Fund ("CEF") Proposal seeking a 10-year program that will work in coordination with other State efforts to advance cleaner, more resilient, and more affordable energy infrastructure. In its CEF Order the Commission stated its intent that the CEF ensure the delivery and continuity of clean energy programs for the State's energy consumers, enhance program efficiency, and manage the transition of NYSERDA's program approaches to better align with the market outcomes envisioned through the Reforming the Energy Vision proceeding. No decision regarding the Proposal has been made by the Commission as of March 31, 2015.

On behalf of the State, NYSERDA manages the Western New York Nuclear Service Center in West Valley, New York, the site of a former plant for reprocessing used nuclear fuel. Depending upon the clean-up options selected and agreement on cost sharing with the federal government, these costs could be substantial. It is anticipated that New York State's share of future costs for the West Valley site will be provided by New York State to NYSERDA and will not impact NYSERDA's current funding. As permitted by GASB 49, *Accounting and Financial Reporting for Pollution Remediation Obligations*, no liability has been recorded in NYSERDA's financial statements for this contingency due to the expected recoveries from New York State.

NYSERDA's programs are impacted by a number of factors including, but not limited to, general economic conditions, energy prices, energy system reliability, and energy technology advancements. Revenues in the Regional Greenhouse Gas Initiative program in particular can be highly sensitive to some of the aforementioned factors.

BUDGETARY INFORMATION

The following table summarizes actual revenues and expenses, as reported in the Statement of Activities, for the fiscal year ended March 31, 2015, in comparison to amounts included in the final Budget approved by NYSERDA's Board:

(Amount in thousands)

		Actuals	,		
	Governmental	Business-type	.	Budget	
	<u>Activities</u>	<u>Activities</u>	<u>Total</u>	<u>Total</u>	<u>Variance</u>
Revenues:					
State appropriations	\$28,406	-	28,406	42,923	(14,517)
System Benefits Charge	238,834	-	238,834	238,834	· -
Renewable Portfolio Standard	291,448	-	291,448	291,448	-
Allowance proceeds	140,568	-	140,568	103,054	37,514
Third-party contributions	-	-	-	-	-
Third-party reimbursements	52,911	-	52,911	54,817	(1,906)
Federal grants	14,384	-	14,384	20,641	(6,257)
Interest subsidy	517	-	517	508	9
Project repayments	408	-	408	775	(367)
Rentals from leases	1,438	-	1,438	1,407	31
Fees and other income	818	-	818	2,657	(1,839)
Loan interest	1,655	-	1,655	1,676	(21)
Investment income	15,866	1,176	17,042	9,609	7,433
Total Revenues	787,253	1,176	788,429	768,349	20,080
Expenses:			·		
Salaries and benefits	40,257	2,497	42,754	46,412	(3,658)
Program expenditures	604,803	-	604,803	634,305	(29,502)
Investment related expenses	-	78	78	156	(78)
Other operating costs	10,371	880	11,251	11,519	(268)
Depreciation	1,264	60	1,324	1,403	(79)
NY State assessments	14,271	77	14,348	16,451	(2,103)
Interest	590	-	590	586	4
Total Expenses	671,556	3,592	675,148	710,832	(35,684)
Excess Revenues/(Expenses)	115,697	(2,416)	113,281	57,517	55,764
Net Position, beginning of year	1,266,192	218,216	1,484,408	1,484,408	-
Transfers	(500)	500	-	-	_
Net Position, end of year					
Net investments in capital	14,799	-	14,799	15,831	(1,032)
assets					, ,
Restricted for specific	1,363,021	216,300	1,579,321	1,523,614	55,707
programs					
Unrestricted	3,569	-	3,569	2,480	1,089
Total Net Position, end of year	\$1,381,389	<u>216,300</u>	<u>1,597,689</u>	<u>1,541,925</u>	<u>55,764</u>

Total revenues were approximately \$20,080,000, or 2.6% higher than Budget. State appropriation revenues were less than budgeted principally due to the level of reimbursable expenditures for certain programs funded through State reappropriations. Allowance auction proceeds were greater than budget due principally to significantly higher clearing prices for allowances sold than had been estimated. Federal grants revenue was lower than budget due to the level of actual reimbursable expenditures being less than anticipated, principally for the Fuel NY Gas Station Transfer Switch program. Fees and other income was lower than budget principally due to NY Green Bank not deploying capital as soon as anticipated. Investment income was higher than budget almost entirely due to a \$7,470,000 increase in the fair value of investments held, which was not budgeted.

Total expenses were approximately \$35,684,000, or 5.0%, below the approved Budget. Salaries and benefits were lower than anticipated principally due to vacancies not filled. Program expenditures were less than budgeted primarily due to expenditures for the New York Energy \$mart and Indian Point Energy Center Reliability Contingency programs being less than budgeted. Other Operating Costs were less than budgeted primarily due to lower than expected costs incurred for professional services related to NY Green Bank. NY State Assessments was lower than budgeted due to the assessment being less than anticipated.

CONTACT FOR AUTHORITY'S FINANCIAL MANAGEMENT

This report is designed to provide a general overview of the finances of NYSERDA for interested parties. Questions concerning any information within this report or requests for additional information should be addressed to Jeffrey J. Pitkin, Treasurer, 17 Columbia Circle, Albany NY 12203.

(A Component Unit of the State of New York)

Statement of Net Position

March 31, 2015

(with comparative totals for March 31, 2014)

(Amounts in thousands)

			March 31,	March 31,
			<u>2015</u>	<u>2014</u>
	Governmental	Business-type		
	Activities	Activities	Total	Total
ASSETS:				
Current assets:				
Cash and investments	\$240,066	97,622	337,688	361,141
New York State receivable	16,598	=	16,598	7,361
Third-party billings receivable	11,361	=	11,361	135,551
Interest receivable on loans	111	=	111	122
Loans receivable due within one year	5,695	=	5,695	3,586
Prepaid expense	488	=	488	540
Other assets	12,898	=	12,898	=
Due from business-type activities	74		74	
Total current assets	287,291	97,622	384,913	508,301
Noncurrent assets:				
Investments	1,162,401	118,752	1,281,153	1,051,532
Loans receivable- long-term	70,782	=	70,782	42,103
Capital assets, net of depreciation	14,843	<u>-</u>	14,843	12,980
Total noncurrent assets	1,248,026	118,752	1,366,778	1,106,615
Total assets	1,535,317	216,374	1,751,691	1,614,916
LIABILITIES:				
Current liabilities:				
Long-term liabilities due within one year	5,933	-	5,933	4,822
Accounts payable	8,752	-	8,752	20,137
Con Edison payable	5,531	-	5,531	10,932
Accrued liabilities	74,455	-	74,455	65,496
Unearned revenue	5,933	-	5,933	2,055
Due to governmental activities	-	74	74	-
Total current liabilities	100,604	74	100,678	103,442
Noncurrent liabilities:				_
Bonds and notes payable	48,917	-	48,917	22,105
Other long-term liabilities	4,407	<u>-</u>	4,407	4,961
Total long-tem liabilities	53,324	-	53,324	27,066
Total liabilities	153,928	74	154,002	130,508
NET POSITION:				
Net investment in capital assets	14,799	-	14,799	12,918
Restricted for specific programs	1,363,021	216,300	1,579,321	1,467,546
Unrestricted	3,569	- -	3,569	3,944
Total net position	\$1,381,389	216,300	1,597,689	1,484,408
ı				

1,595

(\$19,806)

189,160

(27,471)

(A Component Unit of the State of New York)

Statement of Activities

For the year ended March 31, 2015

(with summarized comparative totals for March 31, 2014)

(Amounts in thousands)

			Corrormono	stal A ativities			
Evenations /Decor			Governmen	itai Activities			
Functions/ Progr		Tll					
	0,	0,	D l-1-	T			
NI Wl-	,						F
					DCCI.	CICNIV	Energy
Energy \$mart	Standard	PORTIOHO	Standard	Development	KGGI	GJGN1	<u>Analysis</u>
\$704	11 252	(244	4 1 1 7	2 020	2.007	1 227	2,322
		,					,
20,048	197,994	49,484	190,313	10,640	69,494	14,088	366
1.12	2 (1)	- 1 444	1 527	- 027	701	275	-
			,				682
							56
510	4,46/	1,199	4,168	333	1,563		75
-	-	-	-	-	-	590	-
	-						
21,401	216,631	58,624	200,235	15,731	74,896	16,554	3,501
				4.4.0.40	4.07.4		2 4 4 7
-	-	-	-	14,043	1,276	-	3,447
-	186,959	· ·	-	-	-	-	-
-	-	-	291,448	-	-	-	-
-	-	-	-	-	140,341	-	-
-	-	-	-	-	-	-	-
39	1,850	364	-	-	-	-	-
-	-	-	-	-	-	-	24
-	-	-	-	-	-	517	-
-	-	-	-	408	-	-	-
-	-	-	-	-	-	-	-
-	-	-	284	-	-	7	-
-	-	-	-	-	-	1,655	-
-	-	-	-	-	-	-	-
1,556	351	2,131	6,702	334	4,387	163	-
	New York Energy \$mart \$684 20,048 - 142 17 510 21,401	Energy \$mart Standard \$684 11,252 20,048 197,994 - - 142 2,646 17 272 510 4,467 - - 21,401 216,631 - - </td <td> Energy</td> <td> Functions/Programs</td> <td> New York Energy Efficiency and Market Renewable Energy Research & Energy Portfolio Standard Portfolio Standard Development Portfolio Portfolio Standard Development Portfolio Standard Development Portfolio Standard Development Portfolio Portfolio Portfolio Standard Development Portfolio Portfolio Standard Development Portfolio Portfolio Standard Development Portfolio Portfolio </td> <td> Functions/Programs</td> <td> Functions/Programs</td>	Energy	Functions/Programs	New York Energy Efficiency and Market Renewable Energy Research & Energy Portfolio Standard Portfolio Standard Development Portfolio Portfolio Standard Development Portfolio Standard Development Portfolio Standard Development Portfolio Portfolio Portfolio Standard Development Portfolio Portfolio Standard Development Portfolio Portfolio Standard Development Portfolio Portfolio	Functions/Programs	Functions/Programs

54,370

(4,254)

298,434

98,199

14,785

(946)

146,004

71,108

2,342

(14,212)

3,471

(30)

Transfers

Change in net position
Net position-beginning of period
Net position-end of period

Net (Expense) Revenue and change in net position

Total revenues

Page								March 31,	March 31,
No. Property Pro							Business-type	2015	2014
West Valley Pinancing Other Total Bank Pinancing Other O				rnmental Activiti	es		Activities	<u>Total</u>	<u>Total</u>
Page		Functions/Progra	ıms (cont'd)						
Page									
Static and benefits			omen	,			·		
Salaries and benefits	EXPENSES	<u>Valley</u>	STEP	Financing	Other	Total	<u>Bank</u>		
Program expenditures		4.000	474	25	5.074	10.057	2 407	10.75.1	10.077
Protest propriating costs						,	, and the second	,	,
Other operating costs 531 278 7 1,221 10,371 880 11,251 7,988 Depreciation 55 284 1 131 1,264 60 1,324 2,086 NY State assessments 250 16 2 1,354 14,271 77 14,48 12,870 Interest - - - - 590 - 590 375 Payment to NY State - - - - - - 590 375 590 <t< td=""><td></td><td>8,969</td><td>_</td><td></td><td>43,407</td><td>604,803</td><td></td><td>,</td><td>464,638</td></t<>		8,969	_		43,407	604,803		,	464,638
Depreciation		_			-				
NY State assessments									,
Transfers	*								
Payment to NY State	NY State assessments	250	16	2	1,354		77		
Total expenses		-	-	-	-	590	-	590	375
REVENUES:	Payment to NY State		_	-	-	-		-	25,000
State appropriations	Total expenses	11,705	749	45	51,484	671,556	3,592	675,148	555,783
State appropriations	REVENUES:								
State appropriations 9,171 - 469 28,406 - 28,406 33,330 System Benefits Charge - - - 238,834 - 238,834 297,605 Renewable Portfolio Standard - - - 291,448 - 291,448 253,344 Allowance proceeds - - - 227 140,568 - 140,568 169,351 Third-party contributions - - - 227 140,568 - 140,568 169,351 Third-party reimbursements 1,802 - - 48,856 52,911 - 52,911 31,850 Federal grants - - - 48,856 52,911 - 52,911 31,850 Federal grants - - - 48,856 52,911 - 52,911 31,850 Interest subsidy - - - 41,360 14,384 - 448 90 Rentals from leases <td>·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	·								
System Benefits Charge - - - 238,834 - 238,834 297,605 Renewable Portfolio Standard - - - 291,448 - 291,448 253,344 Allowance proceeds - - - 227 140,568 - 140,568 169,351 Third-party contributions - - - 227 140,568 - 140,568 169,351 Third-party reimbursements 1,802 - - 48,856 52,911 - 52,911 31,850 Federal grants - - - 48,856 52,911 - 52,911 31,850 Federal grants - - - 48,856 52,911 - 52,911 31,850 Federal grants - - - 48,856 52,911 - 52,911 31,850 Charges for services - - - - 408 80 408 98 Rentals from		0.171			460	28 406		28 406	33 330
Renewable Portfolio Standard - - - 291,448 - 291,448 253,344 Allowance proceeds - - - 227 140,568 - 140,568 169,351 Third-party contributions - <t< td=""><td></td><td>>,171</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		>,171							
Allowance proceeds		-	_	_			-		
Third-party contributions Third-party reimbursements 1,802 48,856 52,911 - 52,911 31,850 Federal grants 14,360 14,384 - 14,384 11,757 Interest subsidy 517 336 Charges for services Project repayments 408 - 408 998 Rentals from leases - 176 - 1,262 1,438 - 1,438 1,208 Fees and other income 437 90 818 - 818 516 Loan interest Other System Benefits Charge 1,655 - 1,655 1,154 Interest wenues 242 15,866 1,176 17,042 2,906 Investment income 242 15,866 1,176 788,429 894,355 Net (Expense) Revenue and change in net position Fransfers Change in net position Net position-beginning of period		-	_	_					
Third-party reimbursements 1,802 - - 48,856 52,911 - 52,911 31,850 Federal grants - - - 14,360 14,384 - 14,384 11,757 Interest subsidy - - - 517 - 517 336 Charges for services Project repayments - - - 408 - 408 998 Rentals from leases - 176 - 1,262 1,438 - 408 998 Rentals from leases - 176 - 1,262 1,438 - 408 998 Rentals from leases - 176 - 1,262 1,438 - 418 1,208 Fees and other income - - 437 90 818 - 818 516 Other System Benefits Charge - - - 242 15,866 1,176 17,042		-	-	-		140,300	-	140,500	109,551
Federal grants		1.002	-	-		- 52.011	-	F2 011	21.050
Interest subsidy		1,802	-	-			-		,
Charges for services Project repayments - - - - 408 998 Rentals from leases - 176 - 1,262 1,438 - 1,438 1,208 Fees and other income - - 437 90 818 - 818 516 Loan interest - - - - 1,655 - 1,655 1,154 Other - - - - - - - 90,000 Investment income - - - - - - 90,000 Investment income - - - - 242 15,866 1,176 17,042 2,906 Total revenues 10,973 176 437 65,506 787,253 1,176 788,429 894,355 Net (Expense) Revenue and change in net position (732) (573) 392 14,022 115,697 (2,416) 113,281 338,572 Ch	~	-	-	-	14,360		-		
Project repayments - - - - 408 998 Rentals from leases - 176 - 1,262 1,438 - 1,438 1,208 Fees and other income - - 437 90 818 - 818 516 Loan interest - - - - 1,655 - 1,655 1,154 Other System Benefits Charge - - - - - - - - 90,000 Investment income - - - - - - - - 90,000 Investment income - - - - 242 15,866 1,176 17,042 2,906 Total revenues 10,973 176 437 65,506 787,253 1,176 788,429 894,355 Net (Expense) Revenue and change in net position (732) (573) 392 14,022 115,697 (2,416	•	-	-	-	-	51/	-	51/	336
Rentals from leases - 176 - 1,262 1,438 - 1,438 1,208 Fees and other income - - 437 90 818 - 818 516 Loan interest - - - - - 1,655 - 1,655 1,154 Other System Benefits Charge - - - - - - - 90,000 Investment income - - - - - - - 90,000 Investment income - - - - 242 15,866 1,176 17,042 2,906 Total revenues 10,973 176 437 65,506 787,253 1,176 788,429 894,355 Net (Expense) Revenue and change in net position (732) (573) 392 14,022 115,697 (2,416) 113,281 338,572 Transfers (500) 500 - -									
Fees and other income - - 437 90 818 - 818 516 Loan interest - - - - - 1,655 - 1,655 1,154 Other - - - - - - - - 90,000 Investment income - - - - - - - 90,000 Investment income - - - - - - - - - 90,000 Investment income - - - - 242 15,866 1,176 17,042 2,906 Total revenues 10,973 176 437 65,506 787,253 1,176 788,429 894,355 Net (Expense) Revenue and change in net position (732) (573) 392 14,022 115,697 (2,416) 113,281 338,572 Transfers (500) 500 - - - <tr< td=""><td></td><td>-</td><td></td><td></td><td>-</td><td></td><td>-</td><td></td><td></td></tr<>		-			-		-		
Loan interest - - - - 1,655 - 1,655 1,154 Other System Benefits Charge - - - - - - - 90,000 Investment income - - - - - - - - 90,000 Investment income - - - 242 15,866 1,176 17,042 2,906 Total revenues 10,973 176 437 65,506 787,253 1,176 788,429 894,355 Net (Expense) Revenue and change in net position (732) (573) 392 14,022 115,697 (2,416) 113,281 338,572 Transfers \$\frac{(500)}{200}\$ \frac{500}{200}\$		-	176		,		-		,
Other System Benefits Charge - - - - - 90,000 Investment income - - - - - - - 90,000 Investment income - - - - 242 15,866 1,176 17,042 2,906 Total revenues 10,973 176 437 65,506 787,253 1,176 788,429 894,355 Net (Expense) Revenue and change in net position (732) (573) 392 14,022 115,697 (2,416) 113,281 338,572 Transfers (500) 500 - - - Change in net position 115,197 (1,916) 113,281 338,572 Net position-beginning of period 1,266,192 218,216 1,484,408 1,145,836		-	-	437	90		-		
System Benefits Charge - - - - - 90,000 Investment income - - - 242 15,866 1,176 17,042 2,906 Total revenues 10,973 176 437 65,506 787,253 1,176 788,429 894,355 Net (Expense) Revenue and change in net position (732) (573) 392 14,022 115,697 (2,416) 113,281 338,572 Transfers (500) 500 - - - Change in net position 115,197 (1,916) 113,281 338,572 Net position-beginning of period 1,266,192 218,216 1,484,408 1,145,836		-	-	-	-	1,655	-	1,655	1,154
Investment income - - - - 242 15,866 1,176 17,042 2,906 Total revenues 10,973 176 437 65,506 787,253 1,176 788,429 894,355 Net (Expense) Revenue and change in net position (732) (573) 392 14,022 115,697 (2,416) 113,281 338,572 Transfers (500) 500 - - - Change in net position 115,197 (1,916) 113,281 338,572 Net position-beginning of period 1,266,192 218,216 1,484,408 1,145,836									00.000
Total revenues 10,973 176 437 65,506 787,253 1,176 788,429 894,355 Net (Expense) Revenue and change in net position (732) (573) 392 14,022 115,697 (2,416) 113,281 338,572 Transfers (500) 500 - - - Change in net position 115,197 (1,916) 113,281 338,572 Net position-beginning of period 1,266,192 218,216 1,484,408 1,145,836	•	-	-	-	-		-		
Net (Expense) Revenue and change in net position (732) (573) 392 14,022 115,697 (2,416) 113,281 338,572 Transfers (500) 500 - - - Change in net position 115,197 (1,916) 113,281 338,572 Net position-beginning of period 1,266,192 218,216 1,484,408 1,145,836									
Change in net position (732) (573) 392 14,022 115,697 (2,416) 113,281 338,572 Transfers (500) 500 - - - Change in net position 115,197 (1,916) 113,281 338,572 Net position-beginning of period 1,266,192 218,216 1,484,408 1,145,836		10,973	176	437	65,506	787,253	1,176	788,429	894,355
Change in net position 115,197 (1,916) 113,281 338,572 Net position-beginning of period 1,266,192 218,216 1,484,408 1,145,836	` ' '	(732)	(573)	392	14,022	115,697	(2,416)	113,281	338,572
Change in net position 115,197 (1,916) 113,281 338,572 Net position-beginning of period 1,266,192 218,216 1,484,408 1,145,836	Transfers					(500)	500	-	-
Net position-beginning of period 1,266,192 218,216 1,484,408 1,145,836	Change in net position				-		(1,916)	113,281	338,572
	Net position-end of period				-	\$1,381,389	216,300	1,597,689	1,484,408

(A Component Unit of the State of New York)

Balance Sheet - Governmental Funds

March 31, 2015

(with summarized comparative totals for March 31, 2014) (Amounts in thousands)

	Energy						
	Efficiency	Technology	Renewable			Total	Total
	Portfolio	& Market	Portfolio			March 31,	March 31,
	Standard	<u>Development</u>	Standard	<u>RGGI</u>	Other	<u>2015</u>	<u>2014</u>
ASSETS:		*					
Cash and investments	\$115,967	199,174	514,707	281,356	291,263	1,402,467	1,205,669
Receivables:							
New York State	-	1,351	1,000	1,276	12,971	16,598	7,361
Third-party billings	6,405	669	-	-	4,287	11,361	124,339
Interest on loans	-	-	-	-	111	111	122
Loans	-	-	-	-	76,477	76,477	45,689
Prepaid expense	-	-	-	-	488	488	540
Other assets	-	-	-	-	12,898	12,898	-
Due from other funds	139	-	-	-	524	663	1,772
Total assets	122,511	201,194	515,707	282,632	399,019	1,521,063	1,385,491
LIABILITIES AND FUND BALANCES:	<u> </u>						
Liabilities:							
Accounts payable	-	1,138	2,107	777	4,730	8,752	20,137
Con Edison payable	-	-	-	2,786	2,745	5,531	10,932
Accrued liabilities	21,836	5,515	22,217	4,645	20,242	74,455	65,496
Due to other funds	-	140	142	168	-	450	1,785
Unearned revenue		2,387	-	-	3,546	5,933	2,055
Total liabilities	21,836	9,180	24,466	8,376	31,263	95,121	100,405
Fund Balances:							
Nonspendable-not in spendable form	-	-	-	-	488	488	540
Restricted	100,675	192,014	491,241	274,256	364,226	1,422,412	1,282,718
Assigned	-	-	-	-	38	38	169
Unassigned	_	-	-	-	3,004	3,004	1,660
Total fund balances	100,675	192,014	491,241	274,256	367,756	1,425,942	1,285,087
Total liabilities and fund balances	\$122,511	201,194	515,707	282,632	399,019	1,521,063	1,385,491
Following is a reconciliation of amounts report	rted differently in	the Statement of I	Net Position:				
Total fund balances						1,425,942	1,285,087
Capital assets used in governmental activitie	es are not financia	resources and					
therefore are not reported in the funds						14,719	12,980
Long-term liabilities are not due and payable		eriod					
and therefore are not reported in the fund	ls				_	(59,272)	(31,875)
Net position of governmental activities					_	\$1,381,389	1,266,192

(A Component Unit of the State of New York)

Statement of Revenues, Expenditures and Changes in Fund Balances - Governmental Funds
For the year ended March 31, 2015

For the year ended March 31, 2015 (with summarized comparative totals for March 31, 2014) (Amounts in thousands)

	Energy Efficiency Portfolio Standard	Technology and Market Development Portfolio	Renewable Portfolio Standard	RGGI	Other Funds	Total March 31, 2015	Total March 31, 2014
REVENUES:	Standard	TOITIONO	Standard	<u>10001</u>	<u>1 unus</u>	2013	2014
State appropriations	\$ -	-	-	1,276	27,130	28,406	33,330
System Benefits Charge	186,959	51,875	-	-	-	238,834	297,605
Renewable Portfolio Standard	-	-	291,448	-	-	291,448	253,344
Allowance proceeds	1.050	264	-	140,341	227	140,568	169,351
Third-party reimbursements Federal grants	1,850	364	-	-	50,697 14,384	52,911 14,384	31,850 11,757
Interest subsidy	_	_	-	_	517	517	336
Project repayments	-	-	-	-	408	408	998
Rentals from leases	-	-	-	-	1,438	1,438	1,208
Fees and other income	-	-	284	-	534	818	516
Loan interest	-	-	-	-	1,655	1,655	1,154
Investment income Total revenue	351 189,160	2,131 54,370	6,702 298,434	4,387 146,004	2,295 99,285	15,866 787,253	2,687
Total revenue	189,160	34,370	298,434	146,004	99,285	/8/,233	804,136
EXPENDITURES: Current:							
New York Energy \$mart	-	-	-	-	21,391	21,391	44,769
Energy Efficiency Portfolio Standard	216,464	- 50.520	-	-	-	216,464	167,476
Technology and Market Development Portfolio Renewable Portfolio Standard	-	58,529	200,173	-	-	58,529 200,173	32,328 148,862
Energy Research and Development	-	-	200,173	-	15,674	15,674	14,654
RGGI	_	_	_	74,852	-	74,852	76,504
GJGNY	-	-	-	-	15,946	15,946	14,712
Energy Analysis	-	-	-	-	3,467	3,467	3,815
West Valley	-	-	-	-	11,668	11,668	12,690
STEP	-	-	-	-	466	466	779
Utility Bond Financing Other	-	-	-	-	44 51,405	44 51,405	42 34,018
Debt Service:	-	-	-	-	31,403	31,403	34,010
Principal	-	-	-	-	2,195	2,195	-
Interest	-	-	-	-	588	588	375
Bond issuance costs	-	-	-	-	-	-	1,019
Capital outlay	841	474	308	223	1,190	3,036	2,164
Total expenditures	217,305	59,003	200,481	75,075	124,034	675,898	554,207
OTHER FINANCING SOURCES (USES): Residential Energy Efficiency Financing Revenue							
Notes issued	-	-	-	-	30,000	30,000	24,300
Operating transfers, net	-	-	-	(5,227)	4,727	(500)	(128,527)
Net change in fund balances	(28,145)	(4,633)	97,953	65,702	9,978	140,855	145,702
Fund balances, beginning of period	128,820	196,647	393,288	208,554	357,778	1,285,087	1,139,385
Fund balances, end of period	\$100,675	192,014	491,241	274,256	367,756	1,425,942	1,285,087
Following is a reconciliation of amounts reported dif Net change in fund balances Capitalization and depreciation of capital outlays, r	•					140,855 1,739	145,702 97
Expenses for compensated absences in the Stateme	ent of Activities	do not require the	e use				
of current financial resources and therefore are i		-		s		391	(1,182)
Bonds proceeds are a current financial resource in	-	-					. , ,
reported as revenues in the Statement of Activit Repayment of principal is an expenditure in the go	ies					(30,000)	(24,300)
long-term liabilities in the Statement of Net Posit		, sat the repayme				2,212	37
Change in net position of governmental activities					_	\$115,197	120,356

(A Component Unit of the State of New York)

Statement of Net Position

Proprietary Funds

March 31, 2015

(with comparative totals for March 31, 2014) (Amounts in thousands)

	March 31,	March 31,
	<u>2015</u>	<u>2014</u>
ASSETS:		
Current assets:		
Cash and investments	\$97,622	92,872
Third-party billings receivable	-	11,212
Total current assets	97,622	104,084
Non-current assets:		
Investments	118,752	114,132
Total non-current assets	118,752	114,132
Total assets	216,374	218,216
LIABILITIES:		
Current liabilities:		
Due to governmental activities	74	=
Total current liabilities	74	
Total liabilities	74	-
NET POSITION:		
Net position restricted for specific programs	\$216,300	218,216

(A Component Unit of the State of New York)

Statement of Revenues, Expenses and Changes in Fund Net Position

Proprietary Funds

For the year ended March 31, 2015

(with comparative totals for March 31, 2014) (Amounts in thousands)

	March 31,	March 31,
	<u>2015</u>	<u>2014</u>
OPERATING EXPENSES:		
Salaries and benefits	\$2,497	427
Investment related expenses	78	-
Other operating costs	880	72
Depreciation	60	18
NY State assessments	77_	13
Total operating expenses	3,592	530
NON-OPERATING REVENUES:		
Investment income	1,176	219
System Benefits Charge	-	90,000
Total non-operating revenues	1,176	90,219
Transfers	500	128,527
Change in net position	(1,916)	218,216
Net position, beginning of period	218,216	
Net position, end of period	\$216,300	218,216

(A Component Unit of the State of New York)
Statement of Cash Flows
Proprietary Funds
For the year ended March 31, 2015
(with comparative totals for March 31, 2014)

(Amounts	in	thousands)

	March 31, 2015	March 31, 2014
CASH FLOWS FROM OPERATING ACTIVITIES:	<u>2015</u>	<u>2014</u>
	(\$2.407)	(427)
Payments to employees & employee benefit providers	(\$2,497)	(427)
Payments to suppliers	(958)	(72)
Payment for allocated depreciation	(60)	(18)
Payments to NYS	(77)	(13)
Advance from governmental activities	74	_
Net cash used in operating activities	(3,518)	(530)
CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES:		
System Benefits Charge	11,212	78,788
Transfers from other funds	500	128,527
Net cash provided by non-capital financing activities	11,712	207,315
CASH FLOWS FROM INVESTING ACTIVITIES:		
Purchase of investments	(104,460)	(204,895)
Proceeds from sale of investments	94,282	-
Investment income	94	=
Net cash used in investing activities	(10,084)	(204,895)
Net change in cash and cash equivalents:	(1,890)	1,890
· · · · · · · · · · · · · · · · · · ·	\ · · /	1,090
Cash and cash equivalents, beginning of period	1,890	
Cash and cash equivalents, end of period	<u> </u>	1,890
RECONCILIATION OF OPERATING LOSS TO NET CASH USED IN		
OPERATING ACTIVITIES:		
Operating loss	(\$3,592)	(530)
Adjustments to reconcile operating loss to net cash used by operating activities:		
Advance from governmental activities	74	=
Net cash used in operating activities	(\$3,518)	(530)

(A Component Unit of the State of New York)

Statement of Fiduciary Net Position

March 31, 2015 (except for Other Postemployment Benefits Trust Fund which is as of December 31, 2014) (Amounts in thousands)

	OPEB	
	Trust Fund	Agency Fund
ASSETS:		
Cash and investments	\$33,992	\$32,310
LLRW assessment billings receivable	-	2,414
Total assets	\$33,992	\$34,724
=		
LIABILITIES:		
Accrued expenses	\$4	\$ -
Payable to New York State	-	693
LLRW escrow funds	-	5,204
Perpetual care of nuclear waste	-	28,824
Federal Energy Regulatory Commission	-	3
Total liabilities	4	\$34,724
-		
<u>NET POSITION:</u>		
Held in trust for other		
postemployment benefits	\$33,988	

(A Component Unit of the State of New York) Statement of Changes in Fiduciary Net Position For the year ended December 31, 2014 (Amounts in thousands)

ADDITIONS:	OPEB Trust Fund
Employer contributions	\$3,569
Investment income:	Ψ5,5007
Dividend income	761
Realized gain on sale of investments	3,154
Net change in fair value of investments	(1,798)
Total investment income	2,117
Less investment management expenses	(19)
Net investment income	2,098
Total additions	5,667
DEDUCTIONS:	
Benefits	778
Trustee management fees	5
Audit fees	9
Total deductions	792
Net change in net position	4,875
Net position	
Net position-beginning of period	29,113
Net position-end of period	\$33,988

(A Component Unit of the State of New York)

Notes to Basic Financial Statements March 31, 2015

(1) GENERAL

The New York State Energy Research and Development Authority (NYSERDA) is a public benefit corporation established in 1975 pursuant to Title 9 of Article 8 of the Public Authorities Law of the State of New York (the State). NYSERDA is included in the State's basic financial statements as a component unit. NYSERDA's major functions and programs are summarized below.

New York Energy \$martSM program

Pursuant to Orders of the State Public Service Commission (Commission), NYSERDA administers public benefit programs funded by a System Benefits Charge (SBC) on consumers of electricity sold in the State. The Orders provided funding for program activities committed through December 31, 2011, although collections continued until January 2014 after a period of deferral. NYSERDA is authorized to administer committed program funds until fully expended. The program, named the New York Energy \$martSM program, is designed to support certain public benefit programs, including energy efficiency, research and development, environmental protection, and low-income programs.

Energy Efficiency Portfolio Standard

Pursuant to a June 2008 and subsequent Orders, the Commission authorized an Energy Efficiency Portfolio Standard, which provided additional SBC funding for certain energy efficiency programs for program activities committed through December 31, 2011, but deferred certain collections until January 2015. NYSERDA is authorized to administer committed program funds until fully expended. In October 2011, the Commission authorized additional energy efficiency programs from January 1, 2012, through December 2015, with collections for program funding continuing through December 2018.

Technology and Market Development Portfolio

Pursuant to an October 2011 Commission Order, the Technology and Market Development Portfolio was established with continued funding from the SBC for program activities through December 31, 2016, and with program funding collections scheduled through December 2017. The portfolio's mission is to test, develop, and introduce new technologies, strategies, and practices that build the statewide market infrastructure to reliably deliver clean energy to New Yorkers.

Renewable Portfolio Standard

Pursuant to a September 2004 and subsequent Orders, the Commission adopted a policy of increasing the percentage of electricity used by retail consumers in New York State, that is derived from renewable resources to at least 30 percent by 2015. The Commission adopted a Renewable Portfolio Standard (RPS) that sets annual, incremental, renewable energy targets for the years 2006 through 2015; requires the use of financial incentives to encourage the development and operation of renewable generation facilities; and adopts a central procurement model to be administered by NYSERDA. It is funded with a non-bypassable wires charge on certain customers of each of the State's investor-owned utilities scheduled through October 2024.

Energy Research and Development

The goals of this program are to promote energy efficiency, encourage economic development, expand the use of New York State's indigenous and renewable energy resources, and reduce or mitigate adverse environmental effects associated with energy production and use. Base funding for the program comes from State appropriations that are financed by an assessment on the intrastate gas and electricity sales of the State's investor-owned utilities.

Regional Greenhouse Gas Initiative (RGGI)

The Regional Greenhouse Gas Initiative, or RGGI, is an agreement among nine Northeastern and Mid-Atlantic States to reduce greenhouse gas emissions from power plants. The RGGI states (Participating States) have committed to cap and then reduce the amount of carbon dioxide that certain power plants are allowed to emit, limiting the region's total contribution to atmospheric greenhouse gas levels. The Participating States have agreed to implement RGGI through a regional cap-and-trade program whereby the Participating States have agreed to auction annual regional emissions. Rules and regulations promulgated by the NYS Department of Environmental

(A Component Unit of the State of New York)

Notes to Basic Financial Statements March 31, 2015

Conservation (DEC) call for NYSERDA to administer periodic auctions for annual emissions. Pursuant to these regulations, the proceeds will be used by NYSERDA to administer energy efficiency, renewable energy, and/or innovative carbon abatement programs, and to cover the costs to administer such programs.

Green Jobs-Green New York (GJGNY)

GJGNY is a statewide program created by legislation enacted in October 2009 to promote energy efficiency retrofits in residential, multifamily, small business and not-for-profit buildings, and authorizes NYSERDA to establish innovative financing approaches through revolving loan funds to finance such projects. The program will also support sustainable community development and create opportunities for green jobs. The legislation funded the program with \$112,000,000 from RGGI auction proceeds and restricts the use of interest earnings and revolving loan proceeds for additional programmatic spending.

Energy Analysis

Through this program, NYSERDA provides objective and credible analyses of energy issues to various stakeholders. The program also includes activities for energy-related emergency planning and response, and support for State energy planning. These program activities are funded primarily by a State assessment on the intrastate gas and electricity sales of the State's investor-owned utilities.

Furthermore, Energy Analysis staff provide oversight activities pursuant to the State Low-Level Radioactive Waste (LLRW) Management Act of 1986, whereby NYSERDA is responsible for ultimately constructing and operating the State's LLRW disposal facilities, collecting information, and providing regular reports to the Governor and Legislature on LLRW generation in the State. These activities are funded annually by State Appropriations through a sub-allocation from the New York State Department of Health.

NYSERDA is also responsible for coordination of nuclear material matters, including serving as the State liaison with the Nuclear Regulatory Commission.

West Valley

NYSERDA manages, on behalf of the State, the Western New York Nuclear Service Center (West Valley), which is the site of a former plant for reprocessing used nuclear fuel. Through 1972, the former plant operator, Nuclear Fuel Services, Inc., generated as a by-product of its reprocessing operations, more than 600,000 gallons of liquid, high-level radioactive waste, which were stored at the site. In 1980, Congress enacted the West Valley Demonstration Project Act (West Valley Act). Pursuant to the West Valley Act, the U.S. Department of Energy (DOE) is carrying out a demonstration project to: (1) solidify the liquid high-level radioactive waste at West Valley; (2) transport the solidified waste to a permanent federal repository; and (3) decontaminate and decommission the reprocessing plant and the facilities, materials, and hardware used in the project.

NYSERDA also maintains, on behalf of the State, the State-Licensed Disposal Area (SDA), which is a shut-down commercial low-level radioactive waste disposal facility at West Valley. NYSERDA is evaluating how to remediate and close this facility in accordance with regulatory requirements.

STEP® (Saratoga Technology + Energy Park®)

NYSERDA owns, on behalf of the State, a 280-acre parcel of land in Malta (Saratoga County), New York. The site was once used for rocket and weapons-testing programs and space-research activities. It was later subject to certain remediation measures under a March 1998 Consent Decree as a "Superfund" site. It was designated in 2001 as a business park devoted to the development of new, clean energy technologies. NYSERDA owns and operates a building on the site that is leased to various private company tenants.

Utility Bond Financing

As part of its Bond Financing Program, NYSERDA issues bonds and notes for participating gas and electric utility companies and other private purpose users to finance certain energy-related projects. This program permits a private enterprise to obtain the benefits of tax-exempt financing for projects that qualify under NYSERDA's enabling statute and under relevant provisions of the Internal Revenue Code.

(A Component Unit of the State of New York)

Notes to Basic Financial Statements March 31, 2015

Other

Other programs represent an aggregate of smaller programs/initiatives. These activities are primarily funded through various third-party reimbursements and federal energy grants.

NY Green Bank

NY Green Bank, a division of NYSERDA, is a state-sponsored, specialized financial entity working in partnership with the private sector to increase investments into New York's clean energy markets, creating a more efficient, reliable and sustainable energy system. NY Green Bank's mission is "to accelerate clean energy deployment in New York State by working in partnership with the private sector to transform financing markets."

The key elements of the NY Green Bank's mission are partnering with private sector participants, implementing structures that overcome barriers and address gaps in current clean energy financing markets, and transforming those markets by enabling greater scale, new and expanded asset classes and liquidity. These factors combined have the objectives to motivate faster and more extensive implementation of clean energy assets within New York State, foster greater energy choices, reduce environmental impacts and accrue more green energy advantages per public dollar spent for the benefit of all New Yorkers.

Pursuant to a December 2013 Order of the Commission, initial funding of \$165,600,000 was made available to the NY Green Bank. The funding consisted of \$3,500,000 in uncommitted NYSERDA Energy Efficiency Portfolio Standard I (EEPS 1) funds; \$22,100,000 in uncommitted NYSERDA System Benefits Charge (SBC) funds; \$50,000,000 in NYSERDA Renewable Portfolio Standard (RPS) funds; and \$90,000,000 in uncommitted utility EEPS I funds. In addition to the Commission Order, NYSERDA also contributed \$52,926,000 of its own Regional Greenhouse Gas Initiative (RGGI) revenues to the NY Green Bank for a total initial capitalization of \$219,026,000.

On October 30, 2014, NYSERDA filed a petition with the Commission to complete the capitalization of NY Green Bank, seeking an order authorizing the balance of the intended capitalization of NY Green Bank. The petition requests that the Commission authorize the remaining capitalization in four annual installments in June of each of 2015, 2016, 2017, and 2018. No decision regarding the Petition has been made by the Commission as of June 18, 2015.

(2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

(a) Basis of presentation

The basic financial statements include government-wide financial statements, governmental fund financial statements, proprietary fund financial statements, and fiduciary fund financial statements.

The government-wide financial statements report information on governmental and business-type activities, and consist of a Statement of Net Position and a Statement of Activities. These statements exclude information about fiduciary activities where NYSERDA holds assets in a trustee or agency capacity for others since such assets cannot be used to support NYSERDA's own programs.

The Governmental Fund financial statements report governmental activities, and consist of a Balance Sheet and a Statement of Revenues, Expenditures, and Changes in Fund Balance. The funds presented in the Governmental Funds statements are categorized as either major or non-major funds (the latter are aggregated as "Other") as required by U.S. generally accepted accounting principles (GAAP).

Fund balance classifications used in the Governmental Fund financial statements are as follows:

Nonspendable – amounts that cannot be spent because they are not in spendable form.

<u>Restricted</u> – amounts with constraints placed on the use of resources that are legally imposed by creditors, grantors, contributors, or laws or regulations of other governments. They may be imposed by law through constitutional provisions or enabling legislation.

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<u>Committed</u> – amounts that can only be used for specific purposes pursuant to constraints imposed by formal action of the government's highest level of decision making. Amounts cannot be used for any other purposes unless the government removes the specified use.

<u>Assigned</u> – amounts are constrained by the government's intent to be used for specific purposes, but are neither restricted or committed.

Unassigned – residual balance is the amount not meeting other fund balance classifications.

NYSERDA administers certain programs on behalf of the State Public Service Commission and others whereby the terms of the program sponsor or enabling legislation limit the use of funds to certain program purposes, and as such, the funds are reported as restricted. Since NYSERDA has multiple constraints on its resources, restricted funds are considered spent first, committed funds second, assigned funds third, and unassigned funds last.

The Proprietary Fund financial statements, based on an Enterprise type fund, report business-type activities for which a fee is charged to external users for goods or services, and consist of a Statement of Net Position; a Statement of Revenues, Expenses and Changes in Fund Net Position; and a Statement of Cash Flows. The NY Green Bank is presented in the Proprietary Fund financial statements.

The fiduciary fund financial statements report assets held by NYSERDA in a fiduciary capacity for others, and consist of a Statement of Fiduciary Net Position and Statement of Changes in Fiduciary Net Position. NYSERDA's fiduciary funds include: (1) funds held for reimbursement to the State for costs associated with the Low-Level Radioactive Waste Management Act of 1986; (2) funds that, pursuant to a Cooperative Agreement, must be turned over to the U.S. Department of Energy upon delivery of the solidified high-level radioactive waste from West Valley to a permanent federal disposal repository to provide for perpetual care and management of the waste; and (3) funds held in an irrevocable trust maintained by a third-party trustee to receive employer contributions for NYSERDA's health insurance premiums for benefits provided to NYSERDA employees and/ or their eligible spouses and dependent children after active employment ends (postemployment).

The basic financial statements include certain prior-year summarized comparative information in total, but not by separate governmental activities and major funds. Such information does not include sufficient detail to constitute a presentation in conformity with GAAP. Accordingly, such information should be read in conjunction with NYSERDA's financial statements for the year ended March 31, 2014, from which the summarized information was derived.

(b) Basis of accounting

The government-wide financial statements are prepared using the economic resources measurement focus and accrual basis of accounting, as are the Enterprise Funds and the Fiduciary Funds financial statements. Revenues resulting from exchange transactions are recognized when the exchange takes place. Revenues resulting from non-exchange transactions, such as program funding received in the form of grants, contributions and State appropriations, are recognized when all eligibility requirements (if any) have been met.

NYSERDA's administrative overhead charges are included as program direct expenses in the Statement of Activities.

Financial statements for governmental funds are presented using the current financial resources measurement focus and the modified accrual basis of accounting. Under the modified accrual basis of accounting, revenues are recorded when they become measurable and available (expected to be collected in the next 12 months).

(c) Investments

Investments are recorded at fair value, which reflects quoted market prices for U.S. government obligations, and amortized cost for all other investments.

(d) Capital assets

Generally, assets with a cost of more than \$2,500 and an estimated useful life in excess of two years are capitalized and reported at historical cost in the government-wide financial statements. Depreciation is calculated using the

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straight-line method over the estimated useful life of the capital assets, which ranges from three to 50 years and is reported in the government-wide and proprietary fund financial statements. Capital asset purchases are recorded as expenditures in the governmental funds financial statements.

(e) <u>Unearned revenue</u>

Unearned revenue consists of funds received or receivable in advance of revenue recognition conditions having been met for the underlying exchange transactions.

(f) Compensated absences

NYSERDA employees are granted vacation and sick leave in varying amounts. In the event of termination or retirement, an employee is reimbursed for accumulated vacation leave up to the equivalent of 45 days, and sick leave up to a maximum of five days. Retired employees may use additional accumulated sick leave to pay for the employee share of health insurance premiums.

NYSERDA's accrual for compensated absences, included in the government-wide financial statement amount for long-term liabilities, includes fringe benefits on compensated absences and estimated costs to use employee sick leave for post-retirement health benefits. Compensated absences are not accrued in the governmental funds financial statements.

(g) New York State Assessments

New York State Assessments for the year ended March 31, 2015 consisted of \$13,977,000 in fees assessed by the State under Section 2975 of the Public Authorities Law (Governmental Cost Recovery System) for general governmental services, and \$371,000 paid to the State under a budget bill pursuant to Article VII of the New York State Constitution.

(h) Net position restricted for specific programs

NYSERDA administers certain programs on behalf of the Commission and others whereby funds are provided at program inception or on a fixed payment schedule over the program duration, but the terms of the program sponsor or enabling legislation limit the use of funds to certain program purposes. Frequently, the collection and recording of revenues does not occur in the same accounting period as the expenditure of such funds, and the difference is reported as Net Position Restricted for Specific Programs on the Statement of Net Position.

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Following is a summary of Restricted Net Position and related commitments as of March 31, 2015: (Amounts in thousands)

			Contractual Obligations less Accounts			
	Restricted		Payable &		Pre-	
	Net	Committed	Accrued	Approved	Contractual	Total
	<u>Position</u>	<u>Capital</u>	<u>Expenses</u>	<u>Investments</u>	<u>Obligations</u>	Commitments
Governmental Activities:						
New York Energy						
\$mart	\$138,073	-	54,320	-	8,618	62,938
Energy Efficiency						
Portfolio Standard	100,536	-	274,789	-	211,620	486,409
Technology and						
Market Development						
Portfolio	192,078	-	84,024	-	124,959	208,983
Renewable Portfolio						
Standard	491,383	-	988,287	-	206,133	1,194,420
Energy Research and						
Development	24,025	-	16,463	-	6,567	23,030
RGGI	274,425	-	53,264	-	102,439	155,703
GJGNY	66,973	-	11,335	-	17,365	28,700
Energy Analysis	584	-	61	-	40	101
West Valley	111	-	2,498	-	200	2,698
Other	<u>74,833</u>	=	<u>91,865</u>	=	<u>51,763</u>	<u>143,628</u>
Total Governmental		≣	<u>1,576,906</u>	Ē	<u>729,704</u>	<u>2,306,610</u>
Activities:	\$1,363,021					
Business-type Activities:						
NY Green Bank						
Investments	216,300	500	-	56,400	-	56,900
Operating expenses	Ξ.	Ξ	<u>281</u>	Ξ	<u>3,081</u>	<u>3,362</u>
Total Business-type	\$216,300	<u>500</u>	<u>281</u>	<u>56,400</u>	<u>3,081</u>	<u>60,262</u>
Activities:						

Committed Capital reflects investments NY Green Bank has legally executed, but where capital has not been deployed. Approved Investments reflects NY Green Bank investment transactions, which have been approved through its Investment Review Committee and where a commitment letter has been issued to its counterparty. Pre-contractual obligations consist of planned funding for contracts awarded and under negotiation, and planned funding under active development through open solicitations with upcoming proposal due dates.

The outstanding contractual commitments in excess of Restricted Net Position under certain Functions/Programs are scheduled to be funded from future collections and reimbursements (see note 11). Individually significant encumbrances exist in certain programs. The restricted fund balance of each program (see note 1 for program purpose restrictions), and in certain cases, future collections and reimbursements, is anticipated to fund the expenditure of these encumbrances.

(i) Use of estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingencies. Estimates also affect the reported amounts of revenues and expenditures/expenses during the reporting period. Actual results could differ from those estimates.

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(3) CASH AND INVESTMENTS

Pursuant to Public Authorities Law Section 1859(1), the Commissioner of the New York State Department of Taxation and Finance (the Department) serves as fiscal agent for NYSERDA's cash and investments, maintaining such funds on NYSERDA's behalf and implementing investments subject to the Department's policies and with direction and authorization from NYSERDA. NYSERDA has a written investment policy that applies to all of its investments. The policy permits deposits with financial institutions approved by the fiscal agent and permits investments in: certificates of deposit of bank or trust companies located in New York State; obligations of New York State and the United States government and certain of their agencies; repurchase agreements subject to certain limitations; and money market funds subject to certain limitations.

Cash and Investments of the Other Post-Employment Benefits (OPEB) Trust (see note 12) are held with the Bank of New York Mellon Trust Company. All OPEB Trust investments are made consistent the investment policy statement based on target percentages established for each asset class.

The following schedule presents cash and investments as of March 31, 2015 (except for Other Postemployment Benefits within Fiduciary Funds, which is as of December 31, 2014).

	Fair Value	% of	Weighted Average Maturity
C . 1E 1	<u>(in thousands)</u>	<u>Total</u>	(months)
Governmental Funds	#0407 6	2.4	,
Cash and money market	\$84,876	6.1	n/a
Certificates of deposit	88	< 0.1	5.5
U.S. Treasury Bills	62,797	4.5	4.9
U.S. Treasury Strips	<u>1,254,706</u>	<u>89.4</u>	<u>23.2</u>
Total	\$1,402,467	100.0	<u>22.3</u>
Current portion	\$240,066		
Proprietary Funds			
U.S. Treasury Bills	10,717	5.0	1.1
U.S. Treasury Strips	<u>205,657</u>	95.0	<u>15.4</u>
Total	\$216,374	100.0	14.7
Current Portion	\$97,622	<u> </u>	
Fiduciary Funds			
Cash and money market	\$675	1.0	n/a
Mutual funds	10,079	15.2	n/a
Exchange traded funds	23,243	35.0	n/a
U.S. Treasury Bills	3,482	5.3	1.1
U.S. Treasury Strips	28,823	43.5	4.6
• 1			·
Total	<u>\$66,302</u>	<u>100.0</u>	<u>4.2</u>

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The following is a summary of cash and investments by funding source and related contractual commitments as of March 31, 2015 (excluding Fiduciary Funds):

	(Amounts in thou	usands)				
<u>Governmental</u>	Cash and	Committed	Contractual	Approved	Pre-Contractual	Total
Activity/Funds:	<u>Investments</u>	<u>Capital</u>	Obligations	Investments	Obligations	Commitments
Energy Efficiency						
Portfolio Standard	\$115,967	-	296,625	-	211,620	508,245
Technology and		-		-		
Market Development	199,174		90,677		124,959	215,636
Renewable Portfolio	E14707	-	1.012.611	-	207 122	1 210 744
Standard	514,707		1,012,611		206,133	1,218,744
RGGI	281,356	_	58,686	-	102,439	161,125
NY Energy \$mart Program	141,861		58,813		8,618	67,431
Other	149,402	_	133,005	_	76,093	209,098
Total Governmental	177,702	=	155,005	=	<u>70,075</u>	2,380,279
Funds:	\$1,402,467	≟	<u>1,650,417</u>	≡	<u>729,862</u>	<u>2,360,279</u>
runus.						
Business Type						
Activity/Proprietary						
Funds:						
NY Green Bank						
Investments	216,374	500	-	56,400	-	56,900
Operating expenses	-	-	281	, -	3,081	3,362
Total Proprietary	\$216 , 374	<u>500</u>	281	56,400	3,081	60,262
Funds:	<u></u>					

Interest Rate Risk. NYSERDA investment policies limit investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates. Investment maturities are selected based on anticipated cash flow needs.

The NYSERDA Other Postemployment Benefit Trust's (OPEB) risk tolerance is understood by the Plan Administrator such that achieving the Plan's investment objectives is not guaranteed and there will be time periods for which these objectives will not be met. The Plan Administrator also recognizes that some risk must be assumed to achieve the Trust's long-term investment objectives and accepts the inevitable fluctuations in returns that will occur. While it is understood that a certain level of risk is expected in the Trust's portfolio, the ability to withstand short and intermediate term variability was specifically considered in the development of the Investment Policy Statement risk tolerances.

Credit Risk. Money market fund investments consist of non-rated funds whose investments are restricted to U.S. government obligations.

The Trust's investment policy places limitations on the concentration of investments in certain industries, with certain companies, and among asset classes and within investment policy ranges.

Concentration of Credit Risk. NYSERDA's investment policy limits investments with any single eligible banking institution to no more than 35% of its total investment portfolio, except as otherwise required by any policies and practices of the Commissioner of Taxation and Finance. As of March 31, 2015, NYSERDA did not have any investments with institutions that were individually in excess of 5% of total investments.

Custodial Credit Risk for Deposits. Deposits are exposed to custodial credit risk if the deposits are not covered by depository insurance or deposits are uncollateralized, collateralized with securities held by the pledging financial

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institution, or collateralized with securities held by the pledging institution's trust department or agent, but not in the name of NYSERDA.

In accordance with existing policies and procedures, the Commissioner of the New York State Department of Taxation and Finance, as Fiscal Agent for NYSERDA, monitors deposit balances for the purpose of determining collateralization levels. Collateral sufficient to cover all uninsured deposits is held at the Department's custodial bank.

Custodial Credit Risk for Investments. Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of NYSERDA and are held either by the counterparty or the counterparty's trust department or agent, but not in the name of NYSERDA.

Fixed income investments owned directly by NYSERDA, which trade in the United States (U.S.) markets, are held at NYSERDA's Fiscal Agent's custodian, in separate accounts, in the name of the Comptroller of the State of New York in Trust for NYSERDA. These securities are typically held in electronic form through the Federal Book Entry System and by the Depository Trust Company (DTC) and its subsidiaries acting as an agent of our Fiscal Agent's custodian bank.

(4) RECEIVABLE FROM NEW YORK STATE

As of March 31, 2015, the amount due from New York State is \$16,598,000, which represents appropriation and grant receivables.

(5) LOANS RECEIVABLE

Loans receivable exist under the Green Jobs-Green New York program to finance energy efficiency retrofits in residential, multifamily, small business, and not-for-profit buildings. The residential component offers unsecured loans originated by a lender using pre-established loan underwriting criteria, which are then purchased or funded by NYSERDA and serviced by a third-party loan servicer. Multifamily and small business/not-for-profit loans are provided through participating lenders with NYSERDA providing 50% of the principal, subject to certain limits, generally at 0% interest. As of March 31, 2015, 7,678 loans are outstanding and 99.9% of the loan portfolio value is current on payment requirements.

Loans receivable at March 31, 2015 include the following:

(Amounts in thousands)

	Number of	Loans Outstanding
	<u>Loans</u>	
Residential Energy Efficiency	7,644	\$73,508
Small Business/Not-for-Profit	18	468
Multifamily Building	<u>16</u>	<u>2,501</u>
Total	<u>7,678</u>	\$76,477

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Loans receivable at March 31, 2015 mature as follows:

(Amounts in thousands)

		Small		
Fiscal year	Residential	Business/		
ending	Energy	Not-for-	Multifamily	
March 31,	Efficiency	<u>Profit</u>	<u>Building</u>	<u>Total</u>
2016	\$5,235	79	381	5,695
2017	5,423	129	438	5,990
2018	5,374	70	438	5,882
2019	5,393	62	468	5,923
2020	5,359	40	294	5,693
2021-2025	25,936	86	468	26,490
2026-2030	20,679	2	14	20,695
2031	<u>109</u>	Ξ	<u>=</u>	<u>109</u>
Total	<u>\$73,508</u>	<u>468</u>	<u>2,501</u>	<u>76,477</u>

(6) OTHER ASSETS

As of March 31, 2015 the Other Assets balance of \$12,898,000 represents the market value of the Upstate and Downstate New York State Strategic Gasoline Reserves which were established during the fiscal year ended March 31, 2015 to provide an emergency supply of finished motor gasoline in case of a significant disruption to petroleum fuels supply or distribution.

(7) CAPITAL ASSETS

Capital asset activity for the year ended March 31, 2015 was as follows:

(Amounts in thousands)

	Beginning		Retirements/	Ending
	Balance	<u>Additions</u>	Reclassifications	<u>Balance</u>
Land	\$685	-	-	685
Land improvements	5,756	28	-	5,784
Buildings	8,982	-	-	8,982
Machinery and equipment	11,779	1,242	(1,020)	12,001
Leasehold improvements	<u> 1,479</u>	<u>1,952</u>	(505)	<u>2,926</u>
_	28,681	3,222	(1,525)	30,378
Less accumulated depreciation for:				
Land Improvements	(929)	(217)	-	(1,146)
Buildings	(4,222)	(275)	-	(4,497)
Machinery and equipment	(9,994)	(651)	985	(9,660)
Leasehold improvements	(556)	<u>(181)</u>	505	(232)
Capital assets, net	<u>\$12,980</u>	<u>1,898</u>	<u>(35)</u>	<u>14,843</u>

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(8) LONG-TERM LIABILITIES

Long-term liability activity for the year ended March 31, 2015 was as follows:

(Amounts in thousands)

Beginning Ending Due w Balance Additions Reductions Balance One	
Relance Additions Reductions Relance One	T 7
<u> Darance Additions Reductions Darance One</u>	Year
Notes payable \$62 30,000 (18) 30,044	1,152
Compensated absences 7,526 3,225 (3,643) 7,108	2,701
Bonds payable 24,300 - (2,195) 22,105	2,080
Postemployment benefits	
(see note 12) <u>2,915</u> <u>(2,915)</u>	_
Long-term liabilities \$31,888 36,140 (8,771) 59,257	5,933

In September 2014, NYSERDA issued \$30,000,000 in Residential Energy Efficiency Financing Revenue Notes (Series 2014) to the New York State Environmental Facilities Corporation, secured with a pledge of payments from residential energy efficiency loans issued under the Green Jobs-Green New York program with a final maturity date of September 30, 2017. The notes provide 0% interest on the first \$15,000,000 drawn under the note and carry an annual interest rate of .35% for the next \$15,000,000 drawn under the note. The notes require that NYSERDA maintain cash and future scheduled repayments in each bond year that are not less than 110% of annual debt service. Surplus funds on hand with the Trustee may be withdrawn by NYSERDA provided that cash and scheduled repayments are not less than 120% of annual debt service.

Notes payable also reflects the purchase of eight Xerox copiers under a Xerox payment plan with a term of 60 months, at an annual interest rate of 0.0%.

Bonds payable represents Residential Energy Efficiency Financing Revenue Bonds (Series 2013A) issued in August 2013, secured with a pledge of payments from residential energy efficiency loans issued under the Green Jobs-Green New York program maturing July 1, 2028. The bonds were issued as Qualified Energy Conservation Bonds, which provide an interest subsidy from the federal government for a portion of the interest costs on the bonds. Such interest subsidies are subject to the federal sequester and future subsidies may be affected by changes in the federal sequester. The bonds require that NYSERDA maintain cash and future scheduled repayments in each bond year that are not less than 110% of annual debt service, and surplus funds on hand with the Trustee may be withdrawn by NYSERDA provided that cash and scheduled repayments are not less than 120% of annual debt service. Payment of principal and interest on the bonds are guaranteed by the New York State Environmental Facilities Corporation. Under the terms of an agreement with the guarantor, NYSERDA has deposited with an escrow agent, The Bank of New York Mellon, approximately \$7.8 million in a Collateral Reserve account, which may be used by the guarantor to fund or reimburse its guarantee if loan repayments and interest subsidies are insufficient to meet scheduled payments on the bonds, and if there are insufficient additional funds available from the Green Jobs-Green New York program revolving loan fund. The amount required to be deposited under the Collateral Reserve account is reduced pro-rata with principal payments on the bonds.

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As of March 31, 2015, future debt service requirements on the notes and bonds payable are: (Amounts in thousands)

Fiscal year ending	Note	es Payable	Bot	nds Payable	
March 31,	Principal	<u>Interest</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$1,152	42	2,080	578	4,468
2017	2,364	43	2,105	562	4,458
2018	26,528	24	1,930	535	29,017
2019	-	-	1,775	502	2,277
2020	-	-	1,755	464	2,219
2021-25	-	-	8,000	1,576	9,576
2026-29	Ξ.	_	<u>4,460</u>	<u>318</u>	<u>4,778</u>
Total	\$30,044	<u>109</u>	22,105	<u>4,535</u>	<u>56,793</u>

(9) RETIREMENT PLAN

There are two retirement plans for NYSERDA employees: the New York State and Local Employees' Retirement System (System), and the New York State Voluntary Defined Contribution Plan (VDC). Nearly all employees of NYSERDA participate in one of these two plans.

The System is a cost-sharing, multiple-employer, defined benefit public employee retirement plan. The State Comptroller is sole trustee and administrative head of the System. The System issues a publicly available financial report including financial statements and required supplementary information that may be obtained by writing to the New York State and Local Employees' Retirement System, 110 State Street, Albany, New York 12244. The System provides retirement benefits, as well as death and disability benefits. Retirement benefits are established by the New York State Retirement and Social Security Law. Retirement benefits, contributory requirements and vesting depend on the point in time at which an employee first joined the System (membership "tier"). Members of the System who joined before July 27, 1976 are enrolled in a noncontributory plan; NYSERDA contributes the entire amount determined to be payable to the System for those members. Personnel who joined the System after July 27, 1976 through January 1, 2010 and who have less than 10 years of accredited service are required by law to contribute three percent of their gross salary; NYSERDA contributes the balance payable to the System during that period, and the full amount determined to be payable thereafter. Members who joined the System between January 1, 2010 and March 31, 2012 contribute three percent of their gross salary during the full term of employment. Members who joined the System after April 1, 2012 contribute between three percent and six percent, depending on their salary, during the full term of employment. Retirement benefits vest after five to 10 years of accredited service, depending on the applicable tier.

NYSERDA's contributions to the System, expressed in dollars and as a percentage of salary, for each of the years ended March 31, 2013 through March 31, 2015 were:

	(Amounts in thousands)	
March 31,	<u>Contributions</u>	Contribution Rate
2015	\$5,431	10.9%-27.7%
2014	4,947	11.4%-28.8%
2013	4,378	10.1%-25.4%

NYSERDA made 100% of the required contributions for each of the years displayed above.

The VDC is a multiple-employer, defined contribution plan administered by the Director of University Benefits for the State University of New York (SUNY); TIAA-CREF serves as the third-party administrator. On July 1, 2013, the VDC option was made available to NYSERDA employees hired on or after that date whose annual salary is \$75,000 or more. Those employees voluntarily electing the VDC plan are prohibited from joining the System (defined benefit plan) at a later date (and the opposite also applies; plan participation elections are irrevocable). VDC provides benefits through annuity contracts and provides retirement and death benefits to

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those employees who elected to participate in the VDC. Employees have the ability to choose from a variety of investment providers for the VDC. Benefits are determined by the amount of individual accumulations and the retirement income option selected. All benefits generally vest after the completion of one year of service if the employee is retained thereafter. Employees electing to participate in the VDC plan are required to contribute between 5.75% and 6% of gross earnings, dependent upon their salary, for their entire working career; NYSERDA contributes 8%.

Eleven employees have vested in the VDC as of March 31, 2015. NYSERDA's contribution to the VDC, expressed in dollars and as a percentage of salary, for the year ended March 31, 2015 was:

	(Amounts in thousands)	
March 31,	<u>Contributions</u>	Contribution Rate
2015	\$146	8%

(10) LEASES

NYSERDA has multi-year operating leases expiring May 31, 2016; July 7, 2017; September 30, 2018; and October 30, 2027, for office space in West Valley, Buffalo, Albany, and New York City, respectively. For the year ended March 31, 2015, rental expense for all office facilities was approximately \$1,059,000.

The following is a schedule by year of future minimum rental payments for NYSERDA's office space as of March 31, 2015:

	(Amounts in thousands)			
Fiscal year ending				
March 31,				
2016	\$1,498			
2017	1,363			
2018	1,341			
2019	1,102			
2020	941			
Thereafter	7,314			
Total	<u>\$13,559</u>			

NYSERDA is also the lessor of certain equipment comprising a cooling water structure at the Indian Point Energy Center in Buchanan, New York under a lease that expires on March 31, 2017, with annual future minimum lease rental payments of \$1,000,000 for the fiscal years ending March 31, 2016-2017.

(11) CONTINGENCIES

(a) Western New York Nuclear Service Center

Under the federal West Valley Demonstration Project Act and an implementing Cooperative Agreement between DOE and NYSERDA, the federal government pays 90 percent of the West Valley Demonstration Project (WVDP) costs, and NYSERDA, on behalf of the State of New York, pays the remaining 10 percent. In addition, in 2010, the U.S. District Court for the Western District of New York approved an agreement between New York State and the federal government that resolved most of the claims asserted in a 2006 lawsuit filed by NYSERDA and New York State against the federal government and DOE regarding the financial responsibility for cleaning up certain facilities at West Valley. The agreement defines a specific cost share for the cleanup of a number of facilities that had long been in dispute between NYSERDA and DOE. For example, under this agreement, the federal government will pay a 30 percent share of costs associated with the State Licensed Disposal Area (SDA), which is solely owned and managed by NYSERDA, and NYSERDA, on behalf of the State, will pay the remaining 70 percent. Remediation costs for the North Plateau Groundwater Plume will be split equally between the State and federal government, and costs for remediating the Nuclear Regulatory Commission Licensed

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Disposal Area will also be a 50/50 split. The two governments agreed that other facilities are covered by the WVDP Act, such as the Main Process Plant building, and thus the federal government will pay 90% of the cleanup costs.

In January 2010, NYSERDA and DOE issued a final Environmental Impact Statement, which identifies and assesses the potential environmental impacts of a range of reasonable alternatives proposed to meet DOE's responsibilities under the WVDP Act and options for the State of New York, acting through NYSERDA, for management of West Valley. In April and May 2010, respectively, DOE and NYSERDA issued decision documents that formally selected the Phased Decision making alternative for continuing the cleanup. Under Phased Decision making, decommissioning work will be conducted in two phases. During Phase 1, the Main Process Plant building and several other highly contaminated facilities will be removed at an estimated cost of approximately \$1 billion. As the Phase 1 cleanup work is proceeding, DOE and NYSERDA will conduct additional scientific studies to reduce uncertainties in the decisions for the Phase 2 portion of the cleanup. The 2010 Environmental Impact Statement states that the Phase 1 work would take 10 years and cost approximately \$1 billion based on a federal funding level of \$75 million per year. Since 2010, actual federal funding levels have been between \$60 million and \$65 million, and the proposed budget for FFY 2016 is \$61.1 million. Federal funding at \$60 million through the end of Phase 1 will extend the duration of the Phase 1 work to 20 years and will add about \$200 million to the total project cost. The Phase 2 decisions, which will be made in the 2020 timeframe, will address the remaining facilities, subject to the parties' discretion, including the High-Level Waste Tanks, the SDA, the NRC-Licensed Disposal Area, and the main body of a plume of contaminated groundwater. Total estimated costs for completing the Phase 2 work range from \$500 million to \$8.2 billion, and are dependent on the alternative selected for the remaining facilities.

In accordance with Governmental Accounting Standards Board (GASB) Statement No. 49, Accounting and Financial Reporting for Pollution Remediation Obligations, no liability has been included in NYSERDA's financial statements as of March 31, 2015 or 2014 for this contingency because NYSERDA expects to continue to be reimbursed from State appropriations for the State's share of the costs of the Demonstration Project, any costs NYSERDA may incur in relation to the SDA, and any other costs allocated to NYSERDA under the agreement resolving the lawsuit referenced above.

(b) Energy Analysis- Low-Level Radioactive Waste

Pursuant to the Low-Level Radioactive Waste (LLRW) Management Act of 1986, NYSERDA annually assesses licensees of operating nuclear power plants an amount sufficient to reimburse the State for the LLRW disposal facilities development activities of the Departments of Health and Environmental Conservation, and must provide nuclear power plant licensees with a user-fee reduction, when the disposal facilities are operational, equal to the statutory assessments collected plus interest at a fair market rate. During the year ended March 31, 2015, NYSERDA paid, from the agency fund, a total of \$2,808,000 to reimburse the State for such costs pursuant to Public Authorities Law Section 1854-d(2)(a).

(c) Bond Financing Program

The principal and interest on obligations issued for participating gas and electric utility companies and other private purpose users are payable solely from payments made by participating companies. They are not general obligations of NYSERDA nor do they constitute an indebtedness of or a charge against the general credit of NYSERDA, or cause any monetary liability to NYSERDA. These bonds and notes are not a debt of the State of New York.

The bonds and notes issued bear the name of NYSERDA and the participating company. NYSERDA assigns most of its rights and obligations to a trustee who is responsible for, among other things, disbursing bond and note proceeds and handling principal and interest payments. As of March 31, 2015, all participating companies were current in their debt service payments for these bonds and notes, the principal of which totaled approximately \$3,358,540,000.

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Notes to Basic Financial Statements March 31, 2015

(d) Risk Management

NYSERDA is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. NYSERDA maintains commercial insurance coverage for each of those risks of loss. Management believes such coverage is sufficient to preclude any significant uninsured losses to NYSERDA. NYSERDA has not experienced any reductions in coverage and has not had any insurance settlements exceeding the coverage in the past three years.

(e) Renewable Portfolio Standard (RPS) Program

Pursuant to Orders of the Commission, NYSERDA is the central procurement administrator to manage an incentive-based procurement mechanism to support the development of additional renewable energy resources. The Orders directed each of the State's six investor-owned electric utility companies to collect an RPS surcharge to fund the program through a volumetric charge applied to the delivery portion of customer bills, commencing October 1, 2005. Each utility was directed to establish RPS collection rates sufficient to collect certain amounts specified in the Order for each of the years 2005 through 2024, with any over or under collections being trued up on an annual basis. In the aggregate, future scheduled collections total approximately \$1,693,677,000 over the remaining 10 year collection period.

Pursuant to requirements of the Order, each utility has entered into a contractual agreement with NYSERDA to make quarterly payments to NYSERDA, continuing through October 31, 2024, based on the annual collection amounts prescribed in the Order. Each utility's payment obligation is fixed and is not adjusted for actual RPS surcharge collections. Procurement contracts entered into by NYSERDA and funded with RPS funds become general obligations of NYSERDA, payable pursuant to such contract terms. NYSERDA intends to ensure that procurement contracts entered into shall not cause amounts payable under such contracts to exceed at any time the amounts due and payable under the funding agreements with the utility companies. As of March 31, 2015, NYSERDA has outstanding contractual obligations totaling approximately \$1,012,611,000 payable at varying dates upon successful operation of the renewable generation facilities, which are scheduled to be funded in part from RPS surcharge collections to be received in the future pursuant to Order of the Commission.

(f) Energy Efficiency Portfolio Standard

Pursuant to Orders of the Commission, the EEPS program was extended until December 31, 2015, with Systems Benefit Charge (SBC) collections from utilities scheduled through December 31, 2018. The collections were scheduled on a deferred basis taking into consideration the unexpended balance of previous EEPS collections prior to the extension of the program, as well as the projected timing of anticipated future expenditures. In the aggregate, future scheduled collections total approximately \$678,600,000 over the remaining four year collection period.

Procurement contracts entered into by NYSERDA and funded with EEPS funds become general obligations of NYSERDA, payable pursuant to such contract terms. NYSERDA intends to ensure that procurement contracts entered into shall not cause amounts payable under such contracts to exceed at any time the amounts due and payable under the funding agreements with the utility companies. As of March 31, 2015, NYSERDA has outstanding contractual obligations totaling approximately \$296,625,000 payable at varying dates, which are scheduled to be funded in part from SBC surcharge collections to be received in the future pursuant to Orders of the Commission.

(g) Regional Greenhouse Gas Initiative

On January 29, 2009, a lawsuit was initiated in State Supreme Court against the Governor, NYSERDA, and other State entities, claiming that the RGGI regulations are unlawful and discriminatory. The original parties to the lawsuit as well as others that were joined as parties, including Consolidated Edison, entered into a settlement agreement resolving the litigation that was approved on October 1, 2010 by the court. Under the terms of the settlement, NYSERDA will utilize proceeds from RGGI auctions to meet its obligations to pay Con Edison in accordance with a formula set forth in the settlement agreement. Con Edison, in turn, will use the monies provided by NYSERDA to fund energy efficiency and renewable energy programs with significant carbon reduction potential within its service territory.

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Notes to Basic Financial Statements March 31, 2015

NYSERDA has paid Con Edison approximately \$17,996,000 to date related to this settlement. The remaining obligation, as recorded in the financial statements under Con Edison payable at March 31, 2015 of \$2,786,000, represents all estimated remaining payments due to Con Edison.

(h) <u>Con Edison System-Wide Demand Reduction and Gas Efficiency Programs</u>

The terms of the Orders for these programs require NYSERDA to return to Con Edison any monies no longer committed, until such time as all retained funds are fully expended. As of March 31, 2015, retained funds subject to possible refund, not including the amount already recorded in the financial statements as Con Edison payable at that date, are \$1,651,000 and \$166,000, respectively, for the Demand Reduction and Gas Efficiency Programs. Any future refunds due would be recognized as program expenditures in the fiscal year the related commitments are disencumbered.

(12) POSTEMPLOYMENT HEALTHCARE BENEFITS

The New York Civil Service Law, Section 163(2) provides for health insurance coverage for retired employees of New York State, including their spouses and dependent children. The law extends to public benefit corporations. NYSERDA maintains a single-employer defined benefit plan (the "Plan"), providing this benefit to eligible retirees and/or their spouses and dependent children. Eligibility is determined by membership in the New York State and Local Employees' Retirement System, enrollment in the New York State Health Insurance Program at the time of retirement, and the completion of a minimum number of years of service as required by the employee's membership tier in the retirement system. The Plan provides that retired employees pay the same percentage share of the health insurance premiums as that charged for active State management confidential employees. Plan members generally contribute 16% of the premium for individual coverage and 31% of the incremental premium for family coverage. NYSERDA is billed by the New York State Department of Civil Service monthly for pay-asyou-go funding requirements; however, payments are made from an irrevocable OPEB Trust account established in March 2010. The purpose of the OPEB Trust is for the accumulation of funds to pay future benefit costs. The Trust's funds are held by a third-party trustee. The Trust is managed by a five-member Plan Administrator, consisting of NYSERDA officers, in consultation with the Chair of the Audit and Finance Committee or his or her designee. As of March 31, 2015, the Authority has contributed \$28.2 million to the OPEB Trust to fully fund the actuarially determined accumulated OPEB obligation as calculated under the requirements of GASB Statement No. 45, Accounting and Financial Reporting by Employers for Postemployment Benefits Other than Pensions. As of March 31, 2015, the fair value of the OPEB Trust investments totals \$34,752,000.

The Authority's OPEB Trust is recorded as a fiduciary fund within NYSERDA's financial statements and reflects the Trust's legal fiscal year-end of December 31.

NYSERDA's annual other postemployment benefit (OPEB) expense for the year ended March 31, 2015 is calculated based on the annual required contribution (ARC) of NYSERDA. The ARC represents a level funding that, if paid on an ongoing basis, is projected to cover the normal cost each year and to amortize unfunded actuarial liabilities over 30 years.

The following table summarizes NYSERDA's annual OPEB expense for the year ended March 31, 2015, the amount contributed to the Plan, and changes in NYSERDA's OPEB obligation:

(-	Amounts in thousands)
Annual required contribution	
Normal cost	\$2,192
Amortization of unfunded actuarial accrued l	iability <u>723</u>
Total annual OPEB cost	2,915
Contributions made	(2,915)
Change in net OPEB obligation	-
Net OPEB obligation- beginning of year	
Net OPEB obligation- end of year	\$ <u> </u>

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Notes to Basic Financial Statements March 31, 2015

NYSERDA's annual OPEB cost amounted to \$2,915,000; \$3,569,000; and \$3,632,000 for the years ended March 31, 2015; 2014; and 2013, respectively. The percentage of annual OPEB cost contributed to the Plan was 100% and the net OPEB obligation at the end of each fiscal year was \$0.

A Schedule of Funding Progress for the Plan is included as unaudited Required Supplementary Information following the Notes to Basic Financial Statements.

The projection of future benefit payments for an ongoing plan involves estimates of the value of reported amounts and assumptions about the probability of occurrence of events into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trend. Amounts determined regarding the funded status of the Plan and ARC of NYSERDA are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress, presented as required supplementary information following the notes to the financial statements, presents multi-year trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liability for benefits.

Projections of benefits for financial reporting purposes are based on the Plan as understood by NYSERDA and Plan members and include the types of benefits provided at the time of valuation and the historical pattern of sharing benefit costs between NYSERDA and Plan members. The projection of benefits for financial reporting purposes does not explicitly incorporate the potential of legal or contractual funding limitations on the pattern of cost sharing between the employer and Plan members in the future.

The methods and assumptions used included techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations. The following significant assumptions were made in the actuarial valuation:

Retirement age for active employees – Based on assumptions used under the New York State and Local Employees' Retirement System (ERS), since eligibility for NYSERDA employees covered under this plan is based on membership in that system. The ERS assumptions were based on extensive analysis of their covered populations.

Marital status – Assumed 75% of future retirees will be married, with male spouses assumed to be three years older than female spouses.

Mortality - RP 2000 mortality tables issued by the Society of Actuaries.

Turnover – Rates were based on age and length of service for the first 10 years and age thereafter as the basis for assigning active members a probability of remaining employed until the assumed retirement age.

Healthcare cost trend rate – The expected rate of increase in healthcare premiums was based on projections developed by the actuary's healthcare specialists. Rates of 6.6 and 6.5% for the two plans with the highest enrollment were assumed initially, reduced to an ultimate rate of 5.1% for both plans after 54 years.

Health insurance premiums – A Blend of actual 2014 and projected 2015 health insurance premiums were used as the basis for calculation of the present value of total benefits to be paid.

Investment return – As of March 2015, Plan benefits are pre-funded in a segregated Trust, and a discount rate of 6.5% was used, representing the long-term earnings potential of investments in the Trust.

The actuarial cost method used was the projected unit credit method. The unfunded actuarial accrued liability is being amortized as a level dollar amount over a period of 30 years. The remaining amortization period at March 31, 2015 was 22 years.

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Notes to Basic Financial Statements March 31, 2015

As of March 31, 2015, there were 79 retirees and dependent survivors actively receiving benefits and 301 active plan members.

The plan also provides that the dollar value, subject to certain limitations, of members' accumulated sick leave credits at the time of retirement may be used to offset the portion of health insurance premiums paid by retirees. NYSERDA's estimated liability associated with sick leave credits is recorded as a Compensated Absence within "Other long-term liabilities" in accordance with the requirements of GASB Statement No. 16. The Trust does not accumulate resources for the purpose of paying this portion of the health insurance premiums, nor does it pay any benefits for this purpose. NYSERDA's liability for that portion of the premiums is not included in the actuarially determined liabilities of the Plan or the ARC or OPEB expense calculations.

The cost of third-party administrators, actuarial reports, audits and similar costs incurred exclusively for the Trust are paid from resources of the Trust. Routine daily administrative costs of administering the benefit plans, accounting services and similar costs are absorbed by NYSERDA.

The Trust has no legally required reserves.

(13) INTERFUND BALANCES AND TRANSFERS

The balances reflected in Due to Other Funds and Due from Other Funds reflect the timing difference of when expenditures are incurred and when interfund reimbursement occurs.

Transfers represents \$5,227,000 in RGGI proceeds transferred to the GJGNY residential energy efficiency financing program, and \$500,000 in federal grant funds transferred to the NY Green Bank to provide a letter of credit to support Energy Improvement Corporation's Energize NY commercial property assessed clean energy financing program.

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Required Supplementary Information (Unaudited) March 31, 2015

Schedule of Funding Progress for Other Postemployment Benefits

(Amounts in thousands)

Actuarial Valuation Date	Fiscal Year Ending	Actuarial Value of Assets (a)	Actuarial Accrued <u>Liability</u> (b)	Unfunded Actuarial Accrued Liability (UAAL) (b-a)	Funded Ratio (a/b)	<u>Covered</u> <u>Payroll</u> (c)	UAAL as a Percentage of Covered Payroll (b-a)/c)
4/1/2014	3/31/2015	*	*	*	*	*	*
4/1/2013	3/31/2014	\$25,166	\$41,696	\$16,530	60.4%	\$27,207	60.8%
4/1/2012	3/31/2013	\$19,891	\$39,388	\$19,497	50.5%	\$24,282	80.3%
4/1/2011	3/31/2012	*	*	*	*	*	*
4/1/2010	3/31/2011	\$10,285	\$33,921	\$23,636	30%	\$24,244	97.5%

^{*}Valuation was not performed at this date.

See accompanying independent auditors' report.

New York State Energy Research and Development Authority

Fiscal Year 2015-16 Budget and Financial Plan (Revised September 2015) (DRAFT)

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CERTIFICATION (DRAFT)

I hereby certify that, to the best of my knowledge and belief after reasonable inquiry, the budget information contained herein for the fiscal year ending March 31, 2016 has been developed based on reasonable assumptions and methods of estimation.

John B. Rhodes President and Chief Executive Officer

Joh BRU

Jeffrey J. Pitkin Treasurer and Chief Financial Officer

INTRODUCTION

The New York State Energy Research and Development Authority (NYSERDA) is a public benefit corporation established in 1975 pursuant to Title 9 of Article 8 of the Public Authorities Law of the State of New York. NYSERDA is a component unit of the State of New York and, as such, the results of operation are reported in the State of New York's Comprehensive Annual Financial Report.

The Revised Budget for the fiscal year ending March 31, 2016 (FY 2015-16), and the Financial Plan for FY's 2016-17 to 2018-19 were prepared in accordance with accounting principles generally accepted in the United States of America.

BUDGET PROCESS

NYSERDA's annual budget process starts with the preparation of the Authority's annual strategic program plan which summarizes program goals and objectives using program funds anticipated to be available during the upcoming fiscal year. This document, *Toward a Clean Energy Future - A Strategic Outlook (2015)*, will be reviewed by the Program Planning Committee and approved by the NYSERDA Board on September 21, 2015.

NYSERDA's Preliminary Spending Plan for FY 2015-16 was reviewed by the Board at a meeting on September 22, 2014. At this meeting, the Members also approved the State Appropriation Request for FY 2015-16, which was submitted to the Division of the Budget on October 20, 2014, and summarizes NYSERDA's requests for State appropriations for FY 2015-16.

The FY 2015-16 Budget was originally approved by the Board at a meeting on January 26, 2015.

PROGRAM SUMMARY

Following is a summary of the functions/activites included in the Budget:

New York Energy \$mart (SBCIII)

Pursuant to Orders of the State Public Service Commission (PSC), NYSERDA administers public benefit programs funded by a System Benefits Charge (SBC) on consumers of electricity sold in the State. The Orders provided funding for program activities committed through December 31, 2011. NYSERDA is authorized to administer committed program funds until fully expended.

Technology & Market Development (SBC IV)

Pursuant to an October 2011 PSC Order, the Technology and Market Development Portfolio was established with continued funding from the SBC for program activities through December 31, 2016, and with program funding collections scheduled through December 2017. NYSERDA is authorized to administer committed program funds until fully expended.

Energy Efficiency Portfolio Standard (EEPS I-II)

Pursuant to a June 2008 and subsequent Orders, the PSC authorized an Energy Efficiency Portfolio Standard, which provided additional SBC funding for certain energy efficiency programs for program activities committed through December 31, 2011. In October 2011, the PSC authorized additional energy efficiency programs from January 1, 2012, through December 2015 with collections for program funding continuing through December 2018. NYSERDA is authorized to administer committed program funds until fully expended.

Renewable Portfolio Standard

Pursuant to a September 2004 and subsequent Orders, the PSC adopted a policy of increasing the percentage of electricity used by retail consumers in New York State, that is derived from renewable resources to at least 30 percent by 2015. The PSC adopted a Renewable Portfolio Standard (RPS) that sets annual, incremental, renewable energy targets for the years 2006 through 2015; requires the use of financial incentives to encourage the development and operation of renewable generation facilities; and adopts a central procurement model to be administered by NYSERDA. It is funded with a non-bypassable wires charge on certain customers of each of the State's investor-owned utilities scheduled through October 2024.

Clean Energy Fund (CEF)

Pursuant to the Order Commencing Proceeding on Motion of the Commission to consider a Clean Energy Fund (Case 14-M-0094) issued on May 8, 2014, NYSERDA submitted a Clean Energy Fund (CEF) proposal on September 23, 2014 and an information supplement on June 25, 2015 seeking a 10-year program that will work in coordination with other State efforts to advance cleaner, more resilient, and more affordable energy infrastructure. The intent of the CEF is to ensure the delivery and continuity of clean energy programs for the State's energy consumers, enhance program efficiency, and manage the transition of NYSERDA's program approaches to better align with the market outcomes envisioned through the Reforming the Energy Vision (REV) proceedings.

Focused on energy technology and market development, energy efficiency, and renewable energy, the CEF represents the next evolution of state programs. This funding is proposed, pending a decision by the PSC which is expected this fall. The CEF is comprised of the following four portfolios:

- NY Green Bank (NYGB), which seeks market transformation in the financial sector, leveraging public investments with private capital in a self sustaining manner while reaching new markets for clean energy services.
- NY-Sun, which seeks to create a robust and self-sustaining solar market in New York for solar electric technologies, and to build a program approach for other clean technologies to follow.
- Market Development, which will align with the REV Regulatory Proceeding and evolving utility strategies to reduce barriers, animate consumer demand for clean energy, and enable the private markets to provide the new products and services sought by an engaged consumer market.
- Innovation and Research, which will catalyze the development of innovative clean energy solutions, while growing New York's clean tech sector and accelerating the development and introduction of the new technologies that will be needed to foster increased levels of Green House Gas reductions.

Regional Greenhouse Gas Initiative (RGGI)

The Regional Greenhouse Gas Initiative, or RGGI, is an agreement among nine Northeastern and Mid-Atlantic States to reduce greenhouse gas emissions from power plants. The RGGI states (Participating States) have committed to cap and then reduce the amount of carbon dioxide that certain power plants are allowed to emit, limiting the region's total contribution to atmospheric greenhouse gas levels. The Participating States have agreed to implement RGGI through a regional cap-and-trade program whereby the Participating States have agreed to auction annual regional emissions. Rules and regulations promulgated by the NYS Department of Environmental

Conservation (DEC) call for NYSERDA to administer periodic auctions for annual emissions. Pursuant to these regulations, the proceeds will be used by NYSERDA to administer energy efficiency, renewable energy, and/or innovative carbon abatement programs, and to cover the costs to administer such programs.

Green Jobs-Green New York (GJGNY)

GJGNY is a statewide program created by legislation enacted in October 2009 to promote energy efficiency retrofits in residential, multifamily, small business and not-for-profit buildings, and authorizes NYSERDA to establish innovative financing approaches through revolving loan funds to finance such projects. The program supports sustainable community development and creates opportunities for green jobs. The legislation funded the program with \$112 million from RGGI auction proceeds and restricts the use of interest earnings and revolving loan proceeds for additional programmatic spending.

Energy Research and Development

The goals of this program are to promote energy efficiency, encourage economic development, expand the use of New York State's indigenous and renewable energy resources, and reduce or mitigate adverse environmental effects associated with energy production and use. Base funding for the program comes from State appropriations that are financed by an assessment on the intrastate gas and electricity sales of the State's investor-owned utilities.

Other

Other programs represent an aggregate of smaller programs/initiatives. These activities are primarily funded through various third-party reimbursements and federal energy grants.

STEP® (Saratoga Technology + Energy Park®)

NYSERDA owns, on behalf of the State, a 280-acre parcel of land in Malta (Saratoga County), New York. The site was once used for rocket and weapons-testing programs and space-research activities. It was later subject to certain remediation measures under a March 1998 Consent Decree as a "Superfund" site. It was designated in 2001 as a business park devoted to the development of new, clean energy technologies. STEP currently has four private sector ground leases with approximately 20 clean energy tenants, one of which is at a commercialization stage of development.

Energy and Environmental Analysis

Through this program, NYSERDA provides objective and credible analyses of energy issues to various stakeholders. The program also includes activities for energy-related emergency planning and response, and support for State energy planning functions.

NYSERDA is also responsible for coordination of nuclear material matters, including serving as the State liaison with the Nuclear Regulatory Commission.

Pursuant to the State Low-Level Radioactive Waste (LLRW) Management Act of 1986, NYSERDA is responsible for collecting information and providing regular reports to the Governor and Legislature on LLRW generation in the State. These activities are funded with a State appropriation sub-allocated from an appropriation provided to the NYS Department of Health, which is funded through an assessment collected on operating nuclear power plant licensees.

Utility Bond Financing

As part of its Bond Financing Program, NYSERDA issues non-recourse bonds and notes for participating gas and electric utility companies and other private purpose users to finance certain energy-related projects. This program permits a private enterprise to obtain the benefits of tax-exempt financing for projects that qualify under NYSERDA's enabling statute and under relevant provisions of the Internal Revenue Code.

West Valley

NYSERDA manages, on behalf of the State, the Western New York Nuclear Service Center (West Valley), which is the site of a former plant for reprocessing used nuclear fuel. Through 1972, the former plant operator, Nuclear Fuel Services, Inc., generated as a by-product of its reprocessing operations, more than 600,000 gallons of liquid, high-level radioactive waste, which were stored at the site. In 1980, Congress enacted the West Valley Demonstration Project Act (West Valley Act). Pursuant to the West Valley Act, the U.S. Department of Energy (DOE) is carrying out a demonstration project to: (1) solidify the liquid high-level radioactive waste at West Valley; (2) transport the solidified waste to a permanent federal repository; and (3) decontaminate and decommission the reprocessing plant and the facilities, materials, and hardware used in the project.

NYSERDA also maintains, on behalf of the State, the State-Licensed Disposal Area (SDA), which is a shut-down commercial low-level radioactive waste disposal facility at West Valley. NYSERDA is evaluating how to remediate and close this facility in accordance with regulatory requirements.

BUDGETARY ASSUMPTIONS

The following are principal budget assumptions used in developing the Budget and Financial Plan:

- Funding for the Clean Energy Fund is anticipated to start in calendar year 2016. The FY 2015-16 budget includes revenues and expenditures under the NYSUN, Market Development, and Innovation and Research programs consistent with the Information Supplement filed on June 25, 2015, which is subject to Public Service Commission approval. Dedicated incremental collection revenue is budgeted for Market Development and Innovation and Research, while NYSUN is assumed to be funded by a transfer of RPS collections.
- Created in 2013, NYGB's initial capitalization of \$218.5 million was funded by a December 2013 Order of the PSC reallocating and repurposing \$165.6 million in uncommitted utility and NYSERDA funding and from a \$52.9 million transfer of RGGI funding. In October 2014, NYSERDA filed a petition (Case 13-M-0412) requesting the Commission to authorize the allocation of \$781.5 million in four equal annual installments in 2015, 2016, 2017, and 2018. The June 2015 installment was proposed to be made available from existing cash balances from dedicated clean energy funds. A July 2015 PSC Order approved the additional capitalization with modifications to the October 2014 petition. In continuing support and commitment of NYGB with its interest in avoiding a premature allocation of funds, NYSERDA is authorized to reallocate \$150 million of uncommitted funding from EEPS1, SBC3, SBC4, and RPS funds once \$150 million of initial capitalization has been committed. NYGB does not anticipate reallocating the \$150 million until FY 2016-17. The FY 2015-16 revised budet assumes interest income of \$834,000 to be earned on available cash and investment balances and

- fees of \$1.3 million on deployment of NYGB capital. The financial plan includes funding consistent with the July 2015 PSC Order, and with the CEF information supplement filed on June 25, 2015.
- Allowance auction proceeds for the Regional Greenhouse Gas Initiative (RGGI) are projected based on the average auction prices from the four quarterly auctions in fiscal year 2015, escalated each subsequent year by the real cost of capital. This estimate seeks to reflect a realistic, market-based assumption to avoid over- or under-estimating the level of estimated future proceeds, and to be sensitive to potential changes which may have an unpredictable impact on the RGGI carbon markets, and to more predictably plan for consistent fund program activity reflected in the RGGI Operating Plan.
- West Valley's State appropriation revenue for FY 2015-16 through FY 2018-19 is based primarily on the State's 10% share of West Valley Demonstration Project costs and the State's share under the Consent Decree. These estimates assume future U.S. Department of Energy (DOE) annual funding of approximately \$62.5 million for FY 2015-16, FY 2016-17, FY 2017-18, and FY 2018-19, for its share of project costs.
- Interest income is based on assumed balances available for investment and based on current investment market yields.
- GJGNY budgeted loan interest income assumes additional loans to be issued during FY 2015-16 from up to \$80 million in funding borrowed from the RGGI fund, of which \$53 million is expected to be reimbursed from financing proceeds. Salary costs for current staff and funded vacant positions are based on salary grades equivalent to the State Management/Confidential (M/C) employees. Salaries include cost of living adjustments in accordance with increases granted for NYS Management Confidential employees (2% effective April 1, 2015 and an additional 2% effective July 1, 2015). Salaries also include performance-based salary increases and payments comparable to those which may be authorized for state employees.
- Fringe benefit costs are generally based on pior year actual costs as a percentage of salary costs. The post-employment health insurance premium costs for current employees and including retirees under GASB45 are based on the most recent bi-annual actuarial valuation.
- The NYS Cost Recovery Fee represents the fee paid to the State under Section 2975 of the Public Authorities Law (Governmental Cost Recovery System) for general governmental services. This statute limits the total aggregate amount that may be assessed against named public authorities, but permits each public authority's individual assessment to be determined by the Director of the Budget. The FY 2015-16 Budget assumes that NYSERDA's assessment will be \$11.8 million based on discussions with the Division of the Budget.
- The Budget includes no significant or non-recurring revenue-enhancement or cost-reduction initiatives which shift resources from one year to another.

BUDGETARY RISKS

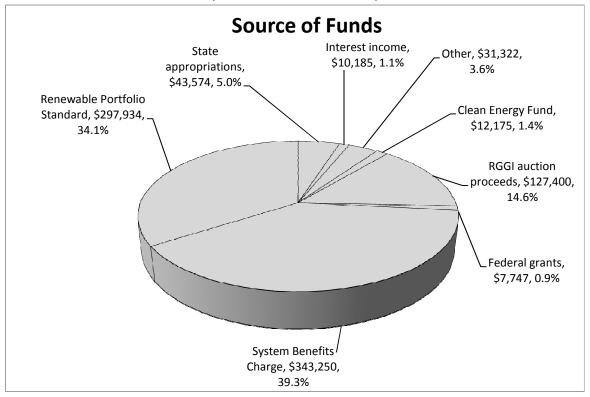
The following is a summary of significant budgeting risks:

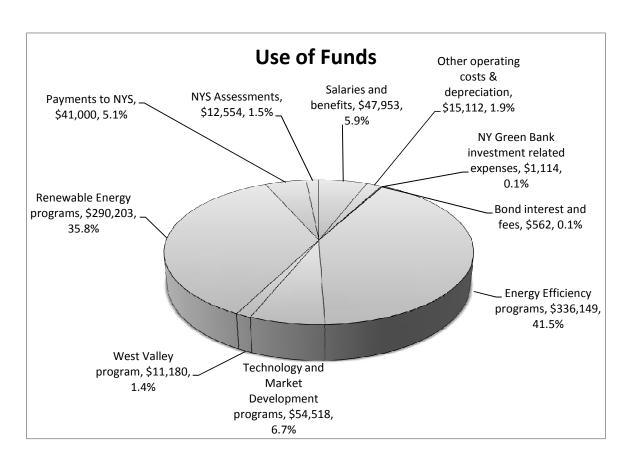
- NYSERDA's budgeting process is subject to inherent risks regarding the ability to accurately forecast revenues and expenditures.
- Over the past several years, NYSERDA has assumed responsibility for administering certain new programs, and additional program responsibilities may be added during FY 2015-16 that have not been included in the Budget.
- Recent results from auctions of allowances under the Regional Greenhouse Gas Initiative (RGGI) have shown some volatility in auction revenue. NYSERDA has developed a

- multi-year program planning approach for these revenues, but variations in actual proceeds realized makes it difficult to complete accurate long-term planning.
- Program expenditures for most programs are funded with revenues which are generally received in advance of expenditures. Under the modified accrual basis of accounting, these funds are recorded as revenue when received, with any unexpended funds recorded as Restricted Net Position. Timing of program activity may result in either: (1) revenues exceeding expenses during the Budget period; or (2) expenditures funded by unexpended revenues from prior fiscal periods.
- Expenditures for the West Valley program are based primarily on the amount anticipated to meet the State's share of costs for West Valley under the Cooperative Agreement and the Consent Decree which are dependent upon funds provided in the federal budget to the U.S. Department of Energy (DOE).
- Although DOE and NYSERDA have reached agreement on the allocation of costs (percentages) to be paid by each entity for remediating the West Valley site, the remedial action for several significant facilities will not be identified until 2020. In addition, DOE and NYSERDA have not resolved issues regarding payment of a fee under the Nuclear Waste Policy Act of 1982 (Public Law 97-425) for the disposal in a federal repository (which does not currently exist) of the solidified high-level radioactive waste at West Valley. Additional State funding may be required during this or ensuing fiscal years if and when negotiations or litigation is concluded.
- GASB 45 requires a biennial actuarial valuation to determine the actuarial present value of total projected post-employment health insurance benefits for retirees. The biennial valuation could be impacted by a number of assumptions, general economic conditions, and future events which could lead to higher estimated annual expenses.
- The implementation of Governmental Accounting Standards Board Statement No. 68, Accounting and Financial Reporting for Pensions, (effective for FY 2015-16) is not presented in the budget as the information to be provided by NYS was not available at the time the budget was developed.

Revised Budget FY 2015-16

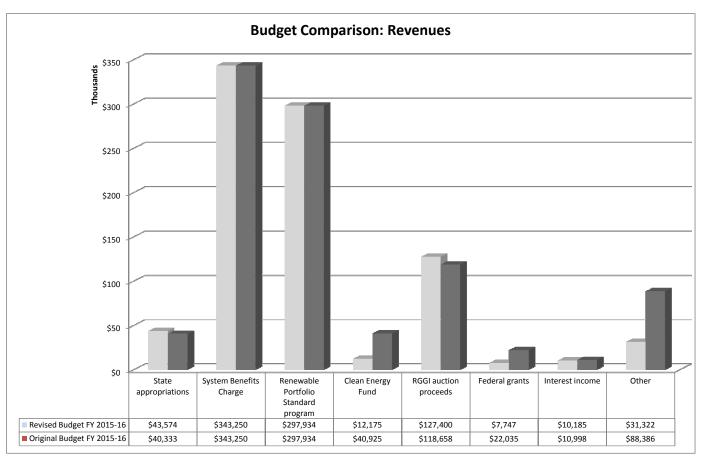
(Amounts in thousands)

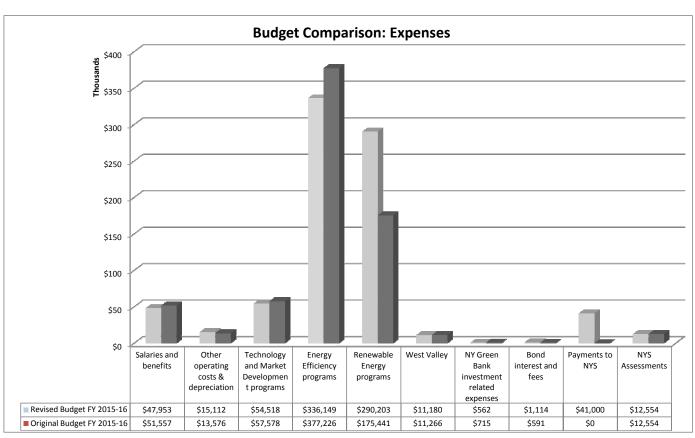




Revised Budget FY 2015-16

(Amounts in thousands)





NYSERDA Revised Budget FY 2015-16 (Amounts in thousands)

	Revised Budget FY 2015-16	Original Budget FY 2015-16
Revenues:		_
State appropriations	\$ 43,574	40,333
Third party reimbursement	23,591	78,865
System Benefits Charge	343,250	343,250
Renewable Portfolio Standard	297,934	297,934
Clean Energy Fund	12,175	40,925
Allowance auction proceeds	127,400	118,658
Project repayments	694	775
Federal grants	7,747	22,035
Rentals from leases	1,249	1,285
Interest income	10,185	10,998
Loan interest	3,596	4,169
QECB interest subsidy	507	499
Fees and other income	1,685	2,793
Total Revenues	873,587	962,519
Expenses:		
Salaries and benefits	47,953	51,557
Other operating costs	13,512	12,165
Depreciation	1,600	1,761
Program expenditures	692,050	621,461
Investment related expenses	562	415
Bond interest and fees	1,114	591
Payments to NYS	41,000	_
NYS Assessments	12,554	12,554
Total Expenses	810,345	700,504
Surplus (Deficit)	63,242	262,015
Net position beginning of year	1,597,689	1,541,925
Net position end of year:		
Restricted for specific programs	1,429,796	1,372,987
NY Green Bank Capitalization	211,907	412,422
Net Investment in Capital Assets	16,228	15,531
Unrestricted	3,000	3,000
Total net position end of year	\$ 1,660,931	1,803,940

NYSERDA Revised Budget FY 2015-16 (Amounts in thousands)

Functions/Program	ctions/Program
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	Functions/110	grams								
					Cl	ean Energy Fu	nd			
		Technology	Energy				Market			
	New York	& Market	Efficiency	Renewable	NY		Development /			Energy
	Energy \$mart	Development	Portfolio Standard	Portfolio	Green		Innovation		Green Jobs-	Research &
	(SBC III)	(SBC IV)	(EEPS I-II)	Standard	Bank	NY-SUN	& Research	RGGI	Green NY	Development
Revenues:										
State appropriations	\$ -	-	-	-	-	-	-	10,600	-	12,361
Third party reimbursement	-	1,000	500	-	-	-	-	-	-	50
System Benefits Charge	-	69,000	274,250	-	-	-	-	-	-	-
Renewable Portfolio Standard	-	-	-	297,934	-	-	-	-	-	-
Clean Energy Fund	-	-	-	-	-	-	12,175	-	-	-
Allowance auction proceeds	-	-	-	-	-	-	-	127,400	-	-
Project repayments	-	-	-	-	-	-	-	-	-	694
Federal grants	-	-	-	-	-	-	-	-	-	-
Rentals from leases	-	-	-	-	-	-	-	-	-	-
Interest income	911	1,446	870	3,608	834	-	(33)	1,943	184	152
Loan interest	-	-	-	-	-	-	-	-	3,596	-
QECB interest subsidy	-	-	-	-	-	-	-	-	507	-
Fees and other income		-	-	-	1,263	-	-	-	-	
Total Revenues	911	71,446	275,620	301,542	2,097	-	12,142	139,943	4,287	13,257
_										
Expenses:										
Salaries and benefits	473	2,208	10,447	3,917	4,018	509	7,092	4,281	1,196	2,457
Other operating costs	115	622	2,739	1,284	1,701	117	1,350	1,209	296	601
Depreciation	14	51	303	111	109	13	170	124	35	69
Program expenditures	20,913	36,246	178,420	244,592	-	45,611	12,538	65,955	24,815	9,093
Investment related expenses	-	-	-	-	562	-	-	-	-	-
Bond interest and fees	-	-	-	-	-	-	-	-	1,114	-
Payments to NYS	-	-	-	-	-	-	-	41,000	-	-
NYS Assessments	336	611	2,995	3,900	100	722	330	1,117	411	191
Total Expenses	21,851	39,738	194,904	253,804	6,490	46,972	21,480	113,686	27,867	12,411
Surplus (Deficit)	(20,940)	31,708	80,716	47,738	(4,393)	(46,972)	(9,338)	26,257	(23,580)	846
Net position, beginning of year	138,073	192,078	100,536	491,383	216,300	-	-	274,424	66,974	24,025
Inter-program transfers	_	_	_	(46,972)	_	46,972	-	(27,000)	27,000	_
Use (source) of unrestricted net position				(,- : =)			_	(=:,=00)	,500	(1,317)
Net position end of year	\$ 117,133	223,786	181,252	492,149	211,907		(9,338)	273,681	70,394	23,554
net position end of year	Ф 117,133	223,780	161,232	492,149	211,907		(9,338)	213,081	70,394	45,554

NYSERDA Revised Budget FY 2015-16 (Amounts in thousands)

(continued from page 11)

	Other Programs	Saratoga Technology & Energy Park	Energy & Environmental Analysis	Bond Financing Program	West Valley	Invested in Capital Assets	Unrestricted Net Position	Revised Budget FY 2015-16	Original Budget FY 2015-16
Revenues:									
State appropriations	4,281	-	3,943	-	12,389	-	-	43,574	40,333
Third party reimbursement	20,018	-	-	-	2,023	-	-	23,591	78,865
System Benefits Charge	-	-	-	-	-	-	-	343,250	343,250
Renewable Portfolio Standard	-	-	-	-	-	-	-	297,934	297,934
Clean Energy Fund	-	-	-	-	-	-	-	12,175	40,925
Allowance auction proceeds	-	-	-	-	-	-	-	127,400	118,658
Project repayments	-	-	-	-	-	-	-	694	775
Federal grants	5,471	-	2,276	-	-	-	-	7,747	22,035
Rentals from leases	1,145	104	-	-	-	-	-	1,249	1,285
Interest income	270	-	-	-	-	-	-	10,185	10,998
Loan interest	-	-	-	-	-	-	-	3,596	4,169
QECB interest subsidy	-	-	-	-	-	-	-	507	499
Fees and other income	-	-	-	422	-	-	-	1,685	2,793
Total Revenues	31,185	104	6,219	422	14,412	-	-	873,587	962,519
Expenses:									
Salaries and benefits	4,928	76	3,990	37	2,324	_	_	47,953	51,557
Other operating costs	1,364	311	1,070	9	724	_	-	13,512	12,165
Depreciation	145	277	105	1	73	_	_	1,600	1,761
Program expenditures	41,154	_	1,533	_	11,180	_	-	692,050	621,461
Investment related expenses	_	_	-	_	_	_	-	562	415
Bond interest and fees	-	-	-	-	-	-	-	1,114	591
Payments to NYS	-	-	_	-	_	-	-	41,000	-
NYS Assessments	1,503	10	105	1	222	-	-	12,554	12,554
Total Expenses	49,094	674	6,803	48	14,523	-	-	810,345	700,504
Surplus (Deficit)	(17,909)	(570)	(584)	374	(111)	-	-	63,242	262,015
Net position, beginning of year	74,833	-	584	-	111	14,799	3,569	1,597,689	1,541,925
Inter-program transfers	-	-	-	-	-	-	-	-	-
Use (source) of unrestricted net position	261	570	-	(374)	-	1,429	569	-	-
Net position end of year	57,185	-	-	-	-	16,228	3,000	1,660,931	1,803,940

NYSERDA FY 2015-16 Revised Budget Reconciliation of Budget Changes (Amounts in thousands)	Actual FY 2014-15	Budget FY 2015-16	<u>Change</u>	Revised Budget FY 2015-16	Explanation for change
Revenues:					
State appropriations					
RGGI	1,276	9,000	1,600	10,600	Represents an increase in State capital budget appropriation reimbursement for anticipated RGGI Cleaner, Greener Community program expenditures (repayment of the FY 13-14 transfer of \$25 million to the State
Research and Development	\$ 14,043	11,407	954	12,361	general fund). Reflects an increase in anticipated expenditures and commitments for the Research and Development program.
Other Programs - Urban Development Corporation projects	469	3,453	(1,718)	1,735	Reflects a decrease in estimated reimbursable expenditures from UDC Capital Budget appropriations.
Other Programs - Fuel NY Strategic Fuel Reserve Program	-	-	2,000	2,000	Reflects anticipated costs to fund the Fuel NY Strategic Fuel Reserve Program.
Other Programs - Fuel NY Portable Generator	-	-	546	546	Reflects funding for anticipated expenditures under the Fuel NY Portable Generator Program. \$2.6 million
Program	2 4 4 7	2.072	(20)	2.042	in anticipated costs are to be funded from monies received in the prior year.
Energy & Environmental Analysis	3,447	3,973	(30)		Reflects a slight reduction in anticipated costs for Energy Analysis.
West Valley	9,171	12,500	(111)		Reduction for a portion of costs to be funded from the March 31, 2015 reserve net position.
Total state appropriations	28,406	40,333	3,241	43,574	
Third party reimbursement	52,911	78,865	(55,274)	23,591	Principally reflects a decrease of \$47.6M in reimbursement funding from Con Edison due to timing of anticipated expenditures under the Indian Point Energy Center Reliability Contingency program.
System Benefits Charge	238,834	343,250	-	343,250	(No change)
Renewable Portfolio Standard	291,448	297,934	-	297,934	(No change)
Market Development / Innovation & Research	-	40,925	(28,750)		Revised collections are consistent with the June 25, 2015 Clean Energy Fund Information Supplement. These revenues reflect one quarter of the 2016 calendar year collections.
Allowance auction proceeds	140,568	118,658	8,742	127,400	Reflects revised estimates pursuant to the FY 2015-16 RGGI Operating Plan.
Project repayments	408	775	(81)		Slight decrease in anticipated recoupment payments.
Federal grants	14,384	22,035	(14,288)	7,747	Change is principally due to a decrease in anticipated expenditures for two transportation related grants and for the Fuel NY Transfer Switch program.
Rentals from leases	1,438	1,285	(36)	1,249	Slight decrease is due to a reduction in anticipated rental income at STEP.
Interest income	17,042	10,998	(813)	10,185	Decrease is due to slightly lower anticipated investment balances.
Loan interest income	1,655	4,169	(573)	3,596	Net decrease reflects revised loan portfolio projections for both the NY Green Bank and Green Jobs Green NY programs. GJGNY reflects an increase of \$1.4M and NY Green Bank reflects a reduction of \$2.1M.
QECB interest subsidy	517	499	8	507	Slight increase in QECB subsidy payments to be received from the US Treasury from a change in the federal sequester reduction.
Fees and other income	818	2,793	(1,108)	1,685	Primarily due to a decrease in anticipated fees for NY Green Bank from a reduction in anticipated deployed capital.
Total Revenues:	788,429	962,519	(88,932)	873,587	·
Expenses:					
Salaries	28,410	34,168	(1,503)	32,665	The revised budget includes partial year vacancies, whereas the original budget assumed all positions were filled for the entire year.
Benefits	14,344	17,389	(2,101)	15,288	Reduction is due to a corresponding decrease in salary costs and from a decrease in revised estimates for pension expense and health insurance.
Total salaries and benefits	42,754	51,557	(3,604)	47,953	

NYSERDA					
FY 2015-16 Revised Budget				Revised	
Reconciliation of Budget Changes	Actual	Budget		Budget	
(Amounts in thousands)	FY 2014-15	FY 2015-16	Change	FY 2015-16	Explanation for change
Expenses (continued):					
Other operating costs	11,251	12,165	1,347	13,512	Net Increase is primarily due to an increase in third party fund administration, legal, and consulting costs
1 2					for NY Green Bank, an increase in web hosting services for new IT platforms, an increase in
					communication support services, as well as costs to support NYSERDA's website.
Depreciation	1,324	1,761	(161)	1.600	Principally reflects a decrease in projected depreciation resulting from existing capital assets and from
F	-,:	-,,	()	-,	planned additions for FY 15-16 (half year of expense).
Program expenditures					L
System Benefits Charge (SBC III)	20,048	20,000	913	20,913	Revised expenditures are based on program staff estimation.
Technology and Market Development (SBC IV)	49,484	40,203	(3,957)		Revised expenditures are based on program staff estimation.
Energy Efficiency Portfolio Standard	197,994	181,750	(3,330)		Revised expenditures are based on program staff estimation.
Renewable Portfolio Standard	190,313	175,441	69,151		Revised expenditures are based on program staff estimation.
NY-SUN			45,611		Revised expenditures are consistent with the June 25, 2015 Clean Energy Fund Information Supplement,
1(1 501)			.5,011	,011	these expenditures reflect one quarter of the anticipated 2016 calendar year expenditures. Expenditures for
					funding from 2014 and 2015 for NY-SUN are included in RPS program expenditures.
New Market Development & Innovation		3,194	9,344	12 538	Revised expenditures are consistent with the June 25, 2015 Clean Energy Fund supplemental filing, these
Strategies	_	3,174	7,544	12,330	expenditures reflect one quarter of the anticipated 2016 calendar year expenditures.
Regional Greenhouse Gas Initiative	69,494	49,926	16,029	65.055	Revised expenditures are based on program staff estimation.
Green Jobs-Green New York	14,088	16,940	7,875		Revised expenditures are based on program staff estimation. Revised expenditures are based on program staff estimation.
	10,640	7,335	1.758		
Research and Development			,		Reflects an increase in anticipated expenditures and commitments funded by state appropriations.
Other Programs	43,407	115,051	(73,897)	41,154	Decrease is primarily due to a reduction in anticipated expenditures, primarily from the Indian Point Energy
					Center Reliability Contingency program, several Federal transportation grants including the Fuel NY
	266	255	1 170	1.522	Transfer Switch program as well as various miscellaneous third-party agreements.
Energy & Environmental Analysis	366	355	1,178	1,555	Reflects an increase in anticipated analytical studies funded by State appropriations to support the State
West Valley	8,969	11,266	(86)	11 190	Energy Plan. Reflects a decrease in anticipated program expenditures for NYSERDA's share of federal and state
west valley	6,909	11,200	(80)	11,100	spending at West Valley.
Total massages averagitimes	604,803	621,461	70,589	692,050	spending at west valiey.
Total program expenditures	004,803	021,401	70,369	092,030	
Investment related expenses - NY Green Bank	78	415	147	562	Represents anticipated professional service costs to support the NY Green Bank initiative.
Interest	590	591	523		Represents an increase under the GJGNY residential loan program resulting from Series 2015 Bonds to be
interest	370	371	323	1,117	issued in August.
D NYG			41.000	41.000	
Payments to NYS	-	10.554	41,000		Reflects a transfer of RGGI Funds to NYS.
NYS Assessments	14,348	12,554	-		(No change)
Total Expenses:	675,148	700,504	68,694	810,345	
	112.005	252.015	(171 476)	50.640	
Surplus (Deficit)	112,005	253,015	(171,476)	52,642	
Net position beginning of year	1,484,408	1,541,925	55,764	1,597,689	
Net position beginning of year	1,464,406	1,541,925	33,704	1,397,009	
Net position end of year:					
Restricted for specific programs	1,363,021	1,372,987	56,809	1 429 796	Projected increase in restricted net assets is due to restricted revenues exceeding restricted expenditures.
NY Green Bank Capitalization	216,300	412,422	(200,515)		Decrease primarily reflects changes in the assumptions used for the second phase of capitalization.
Net Investment in Capital Assets	14,799	15,531	697		Reflects a change in the beginning net asset balance at March 31, 2015 plus anticipated purchases less
The Investment in Capital Assets	17,777	13,331	071	10,220	depreciation.
Unrestricted	3,569	3,000	_	3 000	(No change)
Total net position end of year	\$ 1,597,689	1,803,940	(143,009)	1,660,931	(110 change)
Total not position one of your	Ψ 1,571,507	1,000,040	(115,007)	1,000,731	

NYSERDA FY15-16 Revised Budget Detail schedule: Salaries and benefits (Amounts in thousands)

	<u>F</u>	Actual Y 2014-15	Approved Budget FY 2015-16	Revised Budget FY 2015-16
Salaries **	\$	28,410	34,168	32,665
Fringe Benefits:				
Social Security/Medicare taxes		2,080	2,493	2,394
Health insurance		3,372	4,388	3,877
Dental plan		313	428	360
Vision care plan		29	36	34
Dependent Care plan		17	26	19
Long-term disability insurance		71	83	81
Workers compensation		107	114	123
Unemployment		12	5	14
Pension		5,431	5,802	3,993
Tuition reimbursement		53	93	61
Increase (decrease) in compensated absence leave				
accruals		(202)	486	694
Voluntary Defined Contribution Plan		146	183	302
Postemployment health insurance (GASB 45)		2,915	3,252	3,336
sub-total benefits		14,344	17,389	15,288
Total Salaries and Benefits	\$	42,754	51,557	47,953
Number of employees		337	380	380
Number of full-time equivalent employees (FTEs)		332.3	374.4	357.3

^{**} FY 2015-16 Salaries include cost of living adjustments in accordance with increases granted for NYS Management/Confidential employees (2% effective 04/01/2015 and an additional 2% effective 7/1/15). Salaries also include performance-based salary increases and payments equivalent to salary increases and total salary costs to be provided for NYS employees. Although included for budget purposes the performance-based salary increases and payments will only be paid if the State provides similar payments.

NYSERDA FY15-16 Revised Budget Detail schedule: Other Operating Costs (Amounts in thousands)

(Amounts in thousands)			Danisad
	ctuals 2014-15	Budget <u>FY 2015-16</u>	Revised Budget FY 2015-16
Professional Services:			
Fiscal Agent, audit and third-party payroll and Human Resource services	\$ 429	476	482
Information technology, systems design and enhancement support services	3,121	2,250	2,213
Information security support services	-	166	166
Internal Audit support services	37	240	100
NYSERDA consumer toll free number	275	265	265
Marketing support services	401	470	470
Design & construction services - NYC office relocation	175	-	-
Communication support services	-	-	300
NY Green Bank Fund Administrator	-	-	100
NY Green Bank support services	332	317	675
Strategic Operations consulting services	-	480	480
Website support services	115	-	285
Other Consulting	135	117	123
Temporary staffing	663	346	309
Computer services	673	808	1,170
Office supplies	109	112	113
Office equipment and software	1,313	1,505	1,482
Printing, advertising, and marketing	7	8	7
Publications and meetings	96	171	189
Maintenance & repairs and service agreements	808	917	883
Postage	28	45	35
Travel	480	734	687
Training	3	17	22
Recruitment and relocation	43	75	225
Outside technical reviewer expense	87	137	194
Dues & memberships	129	198	198
Sponsorships and events	24	77	132
Telephone	211	210	210
Rent	1,059	1,553	1,524
Utilities	181	247	179
Insurance	152	149	200
Equipment rental and miscellaneous expense	130	75	95
Disposal of Fixed Assets	36	-	-
Total Other Operating Costs	\$ 11,251	12,165	13,512
	 _		

NYSERDA FY15-16 Revised Budget Detail schedule: Capital Budget (Amounts in thousands)

	ctual 2014-15	Approved Budget FY 2015-16	Revised Budget FY 2015-16
Furniture, fixtures and equipment	\$ 513	300	380
Information technology upgrades	729	1,354	2,533
Leasehold improvements	1,952	-	50
STEP infrastructure	28	36	-
Vehicles	-	25	50
Total Capital Asset Additions	\$ 3,222	1,715	3,013

NYSERDA Revised Budget FY 2015-16 Financial Plan

	EX 2015 16	EV 2016 17	EV 2017 10	EV 2010 10
(Amounts in thousands)	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
DEVENHES	Revised Budget	Projection	Projection	Projection
REVENUES:	¢ 42.574	40.492	25,000	22.700
State appropriations	\$ 43,574		35,000	32,700
Third party reimbursement	23,591		40,500	27,400
System Benefits Charge	343,250		185,874	93,637
Renewable Portfolio Standard	297,934		220,840	200,023
Clean Energy Fund	12,175	,	202,075	276,625
Allowance auction proceeds	127,400		130,973	132,139
Project repayments	694		694	694
Federal grants	7,747		7,624	4,524
Rentals from leases	1,249		1,104	1,104
Interest income	10,185		8,776	7,321
Loan interest	3,596		6,653	10,814
QECB interest subsidy	507		866	726
Fees and other income	1,685		8,166	13,491
TOTAL REVENUES	873,587	811,646	849,145	801,198
EXPENSES				
EXPENSES:	47.052	52.050	54.651	57,200
Salaries and benefits	47,953		54,651	56,290
Other operating costs	13,512		14,812	15,257
Depreciation	1,600	,	1,874	1,626
Program expenditures	692,050		873,843	832,929
Investment related expenses	562	· · · · · · · · · · · · · · · · · · ·	4,676	5,832
Bond interest and fees	1,114		1,274	1,268
Payments to NYS	41,000		-	-
NYS Assessments	12,554		12,554	12,554
TOTAL EXPENSES	810,345	990,743	963,684	925,756
Surplus (Deficit)	63,242	(179,097)	(114,539)	(124,557)
Net position beginning of year	1,597,689	1,660,931	1,481,834	1,367,295
Net position end of year:				
Restricted for specific programs	1,429,796	1,113,687	1,002,469	875,199
NY Green Bank Capitalization	211,907		347,776	351,503
Net Investment in Capital Assets	16,228		14,050	13,036
Unrestricted	3,000		3,000	3,000
Total net position end of year	\$ 1,660,931	\$ 1,481,834	\$ 1,367,295	\$ 1,242,738
Total liet position elle of year	Ψ 1,000,931	Ψ 1,+01,034	Ψ 1,507,495	ψ 1,242,730

NYSERDA Revised FY 15-16 Cash-Based Budget (Amounts in thousands)

Functions/Programs

Per		Functions/Program	1S							
RECEITY Technology (page) Page (page) Renewable (page) Botton (page) Description (page) Description (page) NY-SUN (page) NY-SUN (page) Renewable (page) Renewable (page) NY-SUN (page) Renewable (page) NY-SUN (page)						Cl	ean Energy Fu	ınd		
State paper primations			& Market	EEPS	Portfolio		NY-SUN	Development / Innovation	RGGI	
Third party membursement 1,000 500 274,250 -	RECEIPTS:									
System Benefits Charge 69,000 274,250 -	State appropriations	\$ -	-		-	-	-	-	10,600	-
Penergy Fund Cleam Energy Fund Energy Fund Cleam Energy Fund	Third party reimbursement	-	1,000	500	-	-	-	-	-	-
Clear Energy Fund	•	-	69,000	274,250	-	-	-	-	-	-
Project payments		-	-	-	297,934	-	-	-	-	-
Project repsyments	Clean Energy Fund	-	-	-	-	-	-	12,175	-	-
Pederal grants	Allowance auction proceeds	-	-	-	-	-	-	-	127,400	-
Pentals from leases	Project repayments	-	-	-	-	-	-	-	-	-
New Note	Federal grants	-	-	-	-	-	-	-	-	-
Coan interest	Rentals from leases	-	-	-	-	-	-	-	-	-
Cash and principal repayments 1	Interest income	911	1,446	870	3,608	834	-	(33)	1,943	184
Bond proceeds	Loan interest	-	-	-	-	-	-	-	-	3,596
QECB interest subsidy -	Loan principal repayments			-	-	-	-	-	-	7,757
Pees and other income	Bond proceeds	-	-	-	-	-	-	-	-	46,345
DISBURSEMENTS: Salaries and benefits 469 2,188 10,351 3,881 3,981 504 7,027 4,242 1,185 1,155 1,206 2,162 1,185 1,207 1,284 1,701 1,17 1,350 1,209 296 2,188 1,1701 1,17 1,155 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 2,186 1,209 1,209 2,186 1,209 1,209 2,186 1,209 1	QECB interest subsidy	-	-	-	-	-	-	-	-	507
DISBURSEMENTS: Salaries and benefits 469 2,188 10,351 3,881 3,981 504 7,027 4,242 1,185	Fees and other income	-	-	-	-	1,263	-	-	-	-
Salaries and benefits 469 2,188 10,351 3,881 3,981 504 7,027 4,242 1,185 Other Operating costs 115 622 2,739 1,284 1,701 117 1,350 1,209 296 Capital asset additions 29 137 649 243 249 32 440 266 74 Program expenditures 20,913 36,246 178,420 244,592 - 45,611 12,538 65,955 24,815 Investment related expenses - - - - 562 -	TOTAL REVENUES	911	71,446	275,620	301,542	2,097	-	12,142	139,943	58,389
Salaries and benefits 469 2,188 10,351 3,881 3,981 504 7,027 4,242 1,185 Other Operating costs 115 622 2,739 1,284 1,701 117 1,350 1,209 296 Capital asset additions 29 137 649 243 249 32 440 266 74 Program expenditures 20,913 36,246 178,420 244,592 - 45,611 12,538 65,955 24,815 Investment related expenses - - - - 562 -	DISBURSEMENTS:									
Other Operating costs 115 622 2,739 1,284 1,701 117 1,350 1,209 296 Capital asset additions 29 137 649 243 249 32 440 266 74 Program expenditures 20,913 36,246 178,420 244,592 - 45,611 12,538 65,955 24,815 Investment related expenses - - - - 562 - - - - Deployed Capital - - - - - 562 - - - - Bond interest and fees -		469	2.188	10 351	3 881	3 981	504	7.027	4 242	1.185
Capital asset additions 29 137 649 243 249 32 440 266 74 Program expenditures 20,913 36,246 178,420 244,592 - 45,611 12,538 65,955 24,815 Investment related expenses - - - - 562 - - - - Deployed Capital - - - - 19,643 - - - - Bond interest and fees -			· · · · · · · · · · · · · · · · · · ·	,				,		*
Program expenditures 20,913 36,246 178,420 244,592 - 45,611 12,538 65,955 24,815 Investment related expenses - - - - 562 - - - - Deployed Capital - - - - 19,643 - - - - - Bond interest and fees -										
Investment related expenses										
Deployed Capital - - - 19,643 - - - - Bond interest and fees - - - - - - - 1,114 Principal bond payment - - - - - - 2,080 Redemption of long term debt - - - - - - - 2,9975 Loan purchases -		20,515	-			562	.5,011	-	-	2.,015
Bond interest and fees - - - - - - 1,114 Principal bond payment - - - - - - - 2,080 Redemption of long term debt - - - - - - - - 29,975 Loan purchases -	*	_	_	_	_		_	_	_	_
Principal bond payment - - - - - - 2,080 Redemption of long term debt - - - - - - - - 29,975 Loan purchases -	* * *	_	_	_	_		_	_	_	1.114
Redemption of long term debt - - - - - 29,975 Loan purchases -<		_	_	_	_	_	_	_	_	
Loan purchases - - - - - - - - 65,321 Long term debt - 1 4 1 1 - 2 2 - Payments to NYS - - - - - - - 41,000 - NYS Assessments 336 611 2,995 3,900 100 722 330 1,117 411 TOTAL EXPENSES 21,862 39,805 195,158 253,901 26,237 46,986 21,687 113,791 125,271 Surplus (Deficit) \$ (20,951) 31,641 80,462 47,641 (24,140) (46,986) (9,545) 26,152 (66,882) Cash and investments, beginning of year 141,861 199,174 115,967 514,707 216,300 - - - 281,356 43,837 Inter-program transfers - - - (46,986) - 46,986 - (27,000) 27,000 <td>1 1 7</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td></td>	1 1 7	_	_	_	_	_	_	_	_	
Long term debt - 1 4 1 1 - 2 2 - Payments to NYS - - - - - - - 41,000 - NYS Assessments 336 611 2,995 3,900 100 722 330 1,117 411 TOTAL EXPENSES 21,862 39,805 195,158 253,901 26,237 46,986 21,687 113,791 125,271 Surplus (Deficit) \$ (20,951) 31,641 80,462 47,641 (24,140) (46,986) (9,545) 26,152 (66,882) Cash and investments, beginning of year 141,861 199,174 115,967 514,707 216,300 - - - 281,356 43,837 Inter-program transfers - - - (46,986) - 46,986 - (27,000) 27,000				_	_	_	_	_	_	
Payments to NYS	*	_	1	4	1	1	_	2	2	
NYS Assessments 336 611 2,995 3,900 100 722 330 1,117 411 TOTAL EXPENSES 21,862 39,805 195,158 253,901 26,237 46,986 21,687 113,791 125,271 Surplus (Deficit) \$ (20,951) 31,641 80,462 47,641 (24,140) (46,986) (9,545) 26,152 (66,882) Cash and investments, beginning of year 141,861 199,174 115,967 514,707 216,300 - - - 281,356 43,837 Inter-program transfers - - - (46,986) - 46,986 - (27,000) 27,000	_	_	-		_	-	_			_
TOTAL EXPENSES 21,862 39,805 195,158 253,901 26,237 46,986 21,687 113,791 125,271 Surplus (Deficit) \$ (20,951) 31,641 80,462 47,641 (24,140) (46,986) (9,545) 26,152 (66,882) Cash and investments, beginning of year 141,861 199,174 115,967 514,707 216,300 - - - 281,356 43,837 Inter-program transfers - - - (46,986) - 46,986 - (27,000) 27,000	•	336	611	2 995	3 900	100	722	330		411
Surplus (Deficit) \$ (20,951) 31,641 80,462 47,641 (24,140) (46,986) (9,545) 26,152 (66,882) Cash and investments, beginning of year 141,861 199,174 115,967 514,707 216,300 - - - 281,356 43,837 Inter-program transfers - - - (46,986) - 46,986 - (27,000) 27,000										
Cash and investments, beginning of year 141,861 199,174 115,967 514,707 216,300 281,356 43,837 Inter-program transfers (46,986) - 46,986 - (27,000) 27,000	TOTAL EXILENSES	21,002	37,003	175,150	233,701	20,237	70,700	21,007	113,771	123,271
Inter-program transfers (46,986) - 46,986 - (27,000) 27,000	Surplus (Deficit)	\$ (20,951)	31,641	80,462	47,641	(24,140)	(46,986)	(9,545)	26,152	(66,882)
Inter-program transfers (46,986) - 46,986 - (27,000) 27,000	Cash and investments, beginning of year	141,861	199,174	115,967	514,707	216,300	-	-	281,356	43,837
* *		-					46,986	-		
	1 6	120,910	230,815	196,429		192,160		(9,545)		

NYSERDA Revised FY 15-16 Cash-Based Budget (Amounts in thousands)

(continued	from	page 19)

•			(r-g/			
	Energy Research & Development	Other Programs	Saratoga Technology & Energy Park	Energy & Environmental Analysis	Bond Financing Program	West Valley	FY 2015-16 Cash Budget Total
RECEIPTS:							
State appropriations	12,361	4,281	-	3,943	-	12,389	43,574
Third party reimbursement	50	20,018	-	-	-	2,023	23,591
System Benefits Charge	-	-	-	-	-	-	343,250
Renewable Portfolio Standard	-	-	-	-	-	-	297,934
Clean Energy Fund	-	-	-	-	-	-	12,175
Allowance auction proceeds	-	-	-	-	-	-	127,400
Project repayments	694	-	-	-	-	-	694
Federal grants	-	5,471	-	2,276	-	-	7,747
Rentals from leases	-	1,145	104	-	-	-	1,249
Interest income	152	270	-	-	-	-	10,185
Loan interest	-	-	-	-	-	-	3,596
Loan principal repayments	-	-	-	-	-	-	7,757
Bond proceeds	-	-	-	-	-	-	46,345
QECB interest subsidy	-	-	-	-	-	-	507
Fees and other income	-	-	-	-	422	-	1,685
TOTAL REVENUES	13,257	31,185	104	6,219	422	14,412	927,689
DISBURSEMENTS:							
Salaries and benefits	2,434	4,883	75	3,953	37	2,303	47,513
Other Operating costs	601	1,364	311	1,070	9	724	13,512
Capital asset additions	153	306	41	248	2	144	3,013
Program expenditures	9,093	41,154	-	1,533	-	11,180	692,050
Investment related expenses	-	-	-	-	-	-	562
Deployed Capital	-	-	-	-	-	-	19,643
Bond interest and fees	-	-	-	-	-	-	1,114
Principal bond payment	-	-	-	-	-	-	2,080
Redemption of long term debt	-	-	-	-	-	-	29,975
Loan purchases	-	-	-	-	-	-	65,321
Long term debt	1	2	_	1	-	1	16
Payments to NYS	-	-	-	-	-	-	41,000
NYS Assessments	191	1,503	10	105	1	222	12,554
TOTAL EXPENSES	12,473	49,212	437	6,910	49	14,574	928,353
Surplus (Deficit)	784	(18,027)	(333)	(691)	373	(162)	(664)
•							
Cash and investments, beginning of year		81,004			-	-	1,618,841
Inter-program transfers	-	(813)	333	691	(373)	162	-
Cash and investments, end of year	25,419	62,164	-	-	-	-	\$ 1,618,177

New York State Energy Research and Development Authority (NYSERDA)

Operations and Accomplishments and Mission Statement and Performance Measurement Annual Report

Fiscal Year Ended March 31, 2015

Pursuant to Public Authorities Law Section 2800(1)

NYSERDA

NYSERDA is governed by a board consisting of 13 members, including the Commissioner of the Department of Transportation, the Commissioner of the Department of Environmental Conservation, the Chair of the Public Service Commission, and the President and CEO of the Power Authority of the State of New York, who serve ex officio. The remaining nine members are appointed by the Governor of the State of New York with the advice and consent of the Senate and include, as required by statute, an engineer or research scientist, an economist, an environmentalist, a consumer advocate, an officer of a gas utility, an officer of an electric utility, and three at-large members.

MISSION AND VISION

NYSERDA's mission is to:

Advance innovative energy solutions in ways that improve New York's economy and environment.

NYSERDA's vision is to:

Serve as a catalyst – advancing energy innovation, technology, and investment; transforming New York's economy; and empowering people to choose clean and efficient energy as part of their everyday lives.

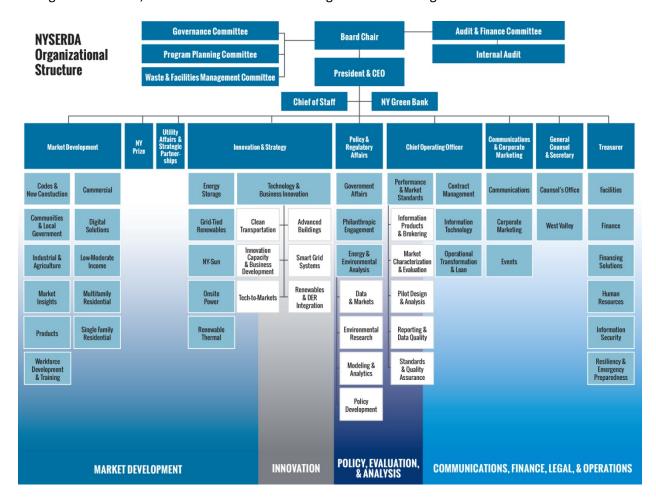
NYSERDA strives to facilitate change through the widespread development and use of innovative technologies to improve the State's energy, economic, and environmental wellbeing. NYSERDA's programs and services provide a vehicle for the State to work collaboratively with businesses, academia, industry, the federal government, the environmental community, public interest groups, and energy market participants.

OPERATIONAL CHANGES AND NEW INITIATIVES

Organizational Changes

NYSERDA was recently restructured to be more customer-oriented and focused to support its approach to clean energy markets, while continuing to ensure maximum coverage of market segments, and provide operational efficiency and accountability for use of public monies. The figure below represents NYSERDA's new organizational structure.

During FY 2014-2015, NYSERDA instituted several organizational changes.



New Initiatives

<u>NY Prize</u> – A first-in-the-nation \$40 million competition designed to engage communities in creating microgrids and other local energy networks that can function separately from the utility grid. NY Prize helps communities reduce costs, promote clean energy, and build reliability and resiliency into the electric grid. NY Prize is a part of a statewide endeavor to modernize New York State's electric grid, spurring innovation and community partnerships with utilities, local governments, and private sector. Our mission is to enable the technological, operational, and business models that will help communities reduce costs, promote clean energy, and build reliability and resiliency into the grid.

PROGRAM ACCOMPLISHMENTS

NYSERDA's activities are focused on achieving the five strategic goals/outcomes shown in Table 1. NYSERDA's 2014 accomplishments are organized and reported in alignment with these five strategic outcomes.

Table 1: Mission, Vision, Outcomes

Mission	Advance innovativ environment.	Advance innovative energy solutions in ways that improve New York's economy and environment.										
Vision	transforming New	NYSERDA's vision is to serve as a catalyst – advancing energy innovation and technology, transforming New York's economy, and empowering people to choose clean and efficient energy as part of their everyday lives.										
Stakeholders	New York energy เ	users, businesses and	d institutions engage	ed in the clean energ	y economy.							
Core Value	NYSERDA will serve	e as a source of obje	ective, credible infor	mation.								
Goals / Outcomes	Efficient Use of Energy NYSERDA provides energy solutions that reduce the energy consumption and increase the energy efficiency of New York's residents and businesses.	Diverse / Renewable Energy Resources NYSERDA diversifies New York's portfolio of energy resources by growing renewable and distributed generation resources and reducing petroleum use.	Clean Energy Economy NYSERDA catalyzes economic growth by supporting technology and business innovation and by developing a skilled clean energy workforce.	A Cleaner Environment NYSERDA reduces the environmental impact of energy production and use.	Contract and Cycle Time NYSERDA is responsive to customer needs – delivering accurate and timely information, services and programs							

The five tables that follow (i.e., Tables 2 through 6) provide performance information for each of the five outcomes, including: data that describes NYSERDA's cumulative performance prior to 2013, NYSERDA's annual incremental performance for calendar years 2013 and 2014, and the total achievement for all years through December 2014. Targets for calendar year 2015 are provided for performance measures where possible. The quantitative performance measurement data are supplemented with a brief bulleted list of 2014 accomplishments.

While the listed performance measures are used to evaluate NYSERDA's progress toward goals, the measures are influenced by factors that are out of NYSERDA's direct control, such as economic conditions, changes in energy markets and prices, and federal and state policy and funding decisions. The performance measures serve as indicators of NYSERDA's progress in the context of these external factors.

Table 2: Performance Measures - Efficient Use of Energy

EFFICIENT USE OF ENERGY

NYSERDA provides energy solutions that reduce the energy consumption and increase the energy efficiency of New York's residents and businesses.

Performance Measures	Prior ¹ to 2013	CY 2013 Addition	TARGET CY 2014 Addition	ACHIEVED CY 2014 Addition	Total at end of CY 2014	TARGET CY 2015 Addition	TARGET Total at end of CY 2015
Electricity ² (GWh) saved due to improved energy efficiency in New York's buildings and facilities. (Comparison Point ³ : 2011 Statewide sales of electricity - 144,047 GWh)	6,122	234	362	546	6,901	343	7,245
Fossil Fuels ² (MMBtu) saved due to improved energy efficiency in New York's buildings and facilities. (Comparison Point ³ : 2011 Statewide natural gas and petroleum usage – 1,053 million MMBtu)	10.2	0.4	1.3	1.5	12.1	1.1	13.3
Number of New York households served. ⁴ (Comparison Point ⁵ : 2011 Households in NYS – 8,119,364)	502,697	64,013	100,000	94,383	661,093	100,000	761,093
Number of commercial and industrial customers served. (Comparison Point ⁶ : 2010 Business Establishments in NYS – 519,504)	24,309	4,211	2,412	3,358	31,878	1,453	33,331

¹ Performance measures began accumulating results in 1999 subsequent to the PSC's 1998 approval of the SBC Plan.

² Electricity and fossil fuel savings have been revised from previously reported values due to a change in the methodology for counting savings from the Systems Benefit Charge programs (SBC) and to correct data discrepancies discovered in 2012 Energy Efficiency Portfolio Standard (EEPS) reporting.

³ NYSERDA, Patterns & Trends, Energy Information Administration (EIA)

⁴ Households served include ARRA appliance rebates and completed multi-family units, (i.e., units with an energy reduction plan).

http://quickfacts.census.gov/qfd/states/36000.html

⁶ The total number of establishments in New York State for 2010 was 519,504 as reported by the U.S. Census Bureau: State and County QuickFacts.

Table 2: Performance Measures - Efficient Use of Energy

EFFICIENT USE OF ENERGY

NYSERDA provides energy solutions that reduce the energy consumption and increase the energy efficiency of New York's residents and businesses.

Performance Measures	Prior ¹ to 2013	CY 2013 Addition	TARGET CY 2014 Addition	ACHIEVED CY 2014 Addition	Total at end of CY 2014	TARGET CY 2015 Addition	TARGET Total at end of CY 2015
Energy Bill Savings— 1) Annual direct energy bill savings realized by participating customers (Open programs only) ⁷	\$282 million	\$40 ⁸ million	\$48 million	\$97 million	\$419 million	\$51 million	\$470 million
 Annual direct energy bill savings realized by participating customers (All programs)⁷ 	\$1,118 million	\$(142) ⁸ million	** ⁹	\$86 million	\$1,062 million	** ⁹	**9
Energy bill savings realized by participating customers per energy efficiency dollar spent by NYSERDA	\$3 dollars saved per dollar spent	**10	** ⁹	**10	\$3 dollars saved per dollar spent	** ⁹	**9
Number of net additional jobs created as a co-benefit of NYSERDA's SBC-funded energy efficiency activities ¹¹	**10	**10	** ⁹	**10	5,791	** ⁹	**9

Highlights of Additional "Efficient Use of Energy" Accomplishments:

• Through December 2014, NYSERDA achieved over \$7.9 billion dollars in cumulative energy bill savings through SBC and EEPS programs. For every \$1 in energy efficiency funds spent by NYSERDA, \$3 in

⁷ Energy bill savings are shown separately for open programs and all programs. Energy bill savings for all programs reflect energy savings from System Benefits Charge funded New York Energy \$mart and Energy Efficiency Portfolio Standard programs from Regional Greenhouse Gas Initiative (RGGI) programs. The New York Energy \$mart Program closed in 2012 and is excluded from the open programs values.

⁸Annual bill savings decreased in 2013 due to the conservation assumption of retirement of lighting and other installed measures from New York Energy \$mart projects. The electric rates used to calculate annual bill savings were lower in 2013 than in 2012, also causing savings to decrease.

⁹ The measure will be monitored and reported but a target has not been set. NYSERDA has elected not to establish a target in cases where the measure is a function of a parameter that cannot be reliably predicted (e.g., energy costs) or in cases where the metric is new to NYSERDA.

¹⁰ Not additive- annual analysis only

¹¹ Net additional jobs created are estimated using the Regional Economic Models, Inc. (REMI) Policy Insight[™] model, and reflect the net macroeconomic impacts stimulated by the program activities. The estimated jobs impacts are largely driven by the additional purchasing power that results from the electricity and fossil fuel savings to customers, and also include the macroeconomic impacts of program expenditures, customer expenditures, lower sales by energy providers, and the opportunity costs of the program funds collected from ratepayers. The impacts of utility revenue decoupling are also accounted for across all years. The job figures represent the number of jobs that are estimated to exist as a result of cumulative program activity through the program year, relative to the number of jobs that would have existed in that year in the absence of the energy efficiency programs. The estimates of net jobs created are based on assumptions for average distributions of residential and commercial customer spending, and could be somewhat higher or lower in a given year depending on specific spending patterns, such as the proportions applied to pay off debt or to re-invest in a business.

- energy bill savings were realized as a result of the energy efficiency improvements installed by customers participating in NYSERDA energy efficiency programs.
- Over the past 17 years, NYSERDA-administered energy efficiency programs have saved enough electricity to power 1,001,500 homes each year (i.e., 6,901,000 annual MWhs) and enough natural gas, propane, oil and other heating fuels to heat 155,400 homes each year (i.e., 12,128,000 annual MMBtu).
- Over 661,000 households and 31,800 commercial, industrial and institutional customers have reduced their energy use and annual energy bills by participating in NYSERDA programs since 1999.
- From 1999 through 2014, more than 5,700 jobs were created as a co-benefit of NYSERDA's SBC and EEPS-funded energy efficiency activities.
- NYSERDA received the 2014 ENERGY STAR® award for Sustained Excellence.
- The Council of Development Finance Agencies awarded the NY Green Bank with its "Excellence Award: Agency" in 2014.

Table 3: Performance Measures - Diverse / Renewable Energy

DIVERSE / RENEWABLE ENERGY

NYSERDA diversifies New York's portfolio of energy resources by increasing renewable and distributed generation resources and reducing petroleum use

Performance Measures	Prior ¹² to 2013	CY 2013 Addition	TARGET CY 2014 Addition	ACHIEVED CY 2014 Addition	Total at end of CY 2014	TARGET CY 2015 Addition	TARGET Total at end of CY 2015
Electricity produced from renewable sources (Comparison Point ¹³ : 2011 Statewide sales of electricity - 144,047 GWh) — 1) Electricity Production (GWh) delivered to wholesale power market from incentivized installations	2,748	785	227	475 ¹⁴	4,008	14.8 ¹⁵	4,023
Electricity Production (GWh) from on-site installations	152	96	159	134	382	160	542
Number of operating renewable resource installations	7,286	2,965	3,863	7,462	17,713	12,501	30,214
Electricity (GWh) produced from combined heat and power (CHP) sources	772	51.1	84.2	56	879	43	922
Number of operating CHP installations	114	8	50	11	133	29	162
Petroleum Displacement (Thousands of gallons) in transportation sector (Comparison Point ¹⁶ : 2011 Total Petroleum Use in Transportation Sector – 6.9 billion gallons)	83,787	10,657	11,000	20,629 ¹⁷	115,073	8,669	123,742

-

¹² The electricity production from the renewable resource performance measures listed in Table 2 began accumulating results in 1999 subsequent to the Public Service Commission's (PSC) 1998 approval of the System Benefits Charge Operating (SBC) Plan, and more significantly in 2006 subsequent to the PSC's 2004 authorization of the Renewable Portfolio Standard. The CHP performance measures began accumulating results in 1999 subsequent to the Public Service Commission's (PSC) 1998 approval of the System Benefits Charge Operating (SBC) Plan. Petroleum Displacement results began accumulating as early as 2006 with more significant funding and benefits arriving in 2002.

¹³ NYSERDA, Patterns & Trends, Energy Information Administration (EIA)

Target exceeded due projects generating earlier and more than expected.

¹⁵ The number of MWs installed from wind projects is expected to decrease. Wind developers rely on the Federal Production Tax Credit to cover a portion of the costs of developing renewable energy production. Due to Congressional inaction, there was significant uncertainty regarding the continuation of the Federal Production Tax Credit.

¹⁶ NYSERDA, Patterns and Trends New York State Energy Profiles

¹⁷ The calendar year 2014 addition accounts for approximately 9,900 additional gallons estimated as being displaced in calendar year 2014 and an additional 10,700 displaced gallons above prior year estimates that are not attributed to any one year.

Highlights of Additional "Diverse / Renewable Energy" Accomplishments:

- From 1999 through 2014, NYSERDA installed renewable generation at over 12,500 locations across New York State, primarily under the Renewable Portfolio Standard (RPS) Program.
- From 1999 through 2014, NYSERDA delivered 4,008 GWh of electricity production to the wholesale power market from incentivized installations. NYSERDA also delivered 382 GWh of electricity production from on-site installations.
- NYSERDA is helping to develop 65 large-scale renewable generation projects representing more than 2,000 MW of renewable generation capacity; 56 facilities are operating. The remainder of the projects are under design and construction.
- The Solar Foundation, an independent, non- profit solar research organization, ranked New York State fifth in the nation in the number of solar jobs per capita. This moves the State up from seventh place in 2012, with more than 5,000 jobs in 2013.
- To date, NYSERDA's Combined Heat & Power (CHP) programs have led to the installation of over 157
 MW of distributed generation at 133 sites across New York State. Another 89 MWs of projects are under design and construction.
- Through 2014, the use of nearly 115 million gallons of petroleum has been reduced in the transportation sector through introduction of alternative fuels and efficiency strategies for vehicles and transportation systems.
- In 2014, the CHP Acceleration Program was awarded the State Leadership in Clean Energy Awards. The 2014 awards recognize eight outstanding state programs and projects that have accelerated the adoption of clean energy technologies and strengthened clean energy markets.
- The 2014 Northeast Clean Heat and Power Initiative (NECHPI) annual meeting honored the Albany Medical Center CHP project for which NYSERDA provided support. The project boasted over 75% efficiency in its first year of operations, was recognized as the "Outstanding CHP Project" of the year and honored as an exemplary cogeneration project.

Table 4: Performance Measures - Clean Energy Economy

CLEAN ENERGY ECONOMY

NYSERDA catalyzes economic growth by supporting technology and business innovation and by developing a skilled clean energy workforce

cicul chergy workjorce								
Performance Measures	Prior ¹⁸ to 2013	CY 2013 Addition	TARGET CY 2014 Addition	ACHIEVED CY 2014 Addition	Total at end of CY 2014	TARGET CY 2015 Addition	TARGET Total at end of CY 2015	
Impacts of Product Development Activities – 1) Annual product sales	\$1,956 million	\$225 million	Growth	Data lags by one year	\$2,181 million ¹⁹	Growth	Growth	
Number of products in the market as a result of previous technology and business development investment	247	17	20	10 ²⁰	339 ²⁰	25	429	
3) Change in GSP as a Result of R&D Product Development, expressed as a ratio of GSP impact to NYSERDA investment in R&D product development ²¹	**22	** ²²	**23	** ²²	11.4 ²²	** ²³	** ²³	
4) Number of net additional jobs created as a result of the net macroeconomic activity stimulated by R&D product development activities ²⁴	**22	** ²²	** ²³	** ²²	603 ²²	** ²³	** ²³	

¹⁸ Product development performance measures listed in Table 3 reflect ten years of sales data (e.g., 2001-2010) and ten years of NYSERDA spending data (1998-2007). Dollars invested in business development activities and the number of businesses receiving financial support began accumulating results in 2006, subsequent to PSC's 2005 authorization of SBCIII. Number of workers trained began accumulating results in 2005.

 $^{^{19}}$ At the end of CY 2013

²⁰ 10 products were commercialized in 2014. 65 products were commercialized in previous years but not previously captured and are reported here for completeness at the total at end of CY 2014.

²¹ Gross State Product (GSP) impacts were estimated using a macroeconomic model called Policy Insight+, developed by Regional Economic Models, Inc. (REMI). GSP impacts include the effects of NYSERDA spending on product development activities; private monies spent on product development activities; and product sales that resulted from program activities. The negative GSP impact resulting from the collection of ratepayer funds was also incorporated

Not additive- annual analysis only. Due to data lag of one year, values for 2013 are used to approximate values for 2014.

²³ The measure will be monitored and reported but a target has not been set. NYSERDA has elected not to establish a target in cases where the measure is a function of a parameter that cannot be reliably predicted (e.g., energy costs) or in cases where the metric is new to NYSERDA.

²⁴ Net additional jobs created are estimated using the Regional Economic Models, Inc. (REMI) Policy Insight[™] model, and reflect the net macroeconomic impacts stimulated by the program activities. The estimated jobs impacts are largely driven by the additional purchasing power that results from the electricity and fossil fuel savings to customers, and also include the macroeconomic impacts of program expenditures, customer expenditures, lower sales by energy providers, and the opportunity costs of the program funds collected from ratepayers. The impacts of utility revenue decoupling are also accounted for across all

Table 4: Performance Measures - Clean Energy Economy

CLEAN ENERGY ECONOMY

NYSERDA catalyzes economic growth by supporting technology and business innovation and by developing a skilled clean energy workforce

Performance Measures	Prior ¹⁸ to 2013	CY 2013 Addition	TARGET CY 2014 Addition	ACHIEVED CY 2014 Addition	Total at end of CY 2014	TARGET CY 2015 Addition	TARGET Total at end of CY 2015
5) Number of new clean energy products in development ²⁵	N/A	141	154	142	N/A	152	N/A
Funding leveraged ²⁶ by NYSERDA's investment in business and technology product development	\$595 million	\$184 million	\$154 million	\$229 million	\$1,008 million	\$140 million	\$1,148 million
Dollars invested by NYSERDA in technology and business development activities	\$210 million	\$44 million	\$36 million	\$29 million	\$283 million	\$35 million	\$318 million
Number of clean energy businesses receiving financial support (Comparison Point: ²⁷ 2010 NYSDOL Green Jobs Survey - ~14,500 clean energy firms in NYS)	** ²⁸	186	195	185	** ²⁸	185	** ²⁸
Number of patents, UL Listing certifications, license agreements, copyrights and other knowledge certifications	46	35	Growth	14	81	Growth	Growth
Number of workers trained in clean energy sectors ²⁹	31,901	2,219 ³⁰	12,530	6,522	40,642	10,404	51,046

years. The job figures represent the number of jobs that are estimated to exist as a result of cumulative program activity through the program year, relative to the number of jobs that would have existed in that year in the absence of the energy efficiency programs. The estimates of net jobs created are based on assumptions for average distributions of residential and commercial customer spending, and could be somewhat higher or lower in a given year depending on specific spending patterns, such as the proportions applied to pay off debt or to re-invest in a business.

²⁵ Because product development efforts take years, the number of products in development is not cumulative, it is the total products in development at that time. The metric serves as an indicator of the degree of private sector engagement in NYSERDA's R&D program.

²⁶ Leveraged funding includes co-funding and subsequent follow-on private funding. Data collection for follow-on private funding is an ongoing effort. The reported values represent an incomplete data set that will be supplemented in future years.

²⁷ The DOL and its research partners surveyed 20,000 businesses in late 2010 to determine the number and types of green jobs in the State, specifically companies that produce goods or services that increase energy efficiency or generate renewable energy. DOL results were gathered under four industry sectors – Construction, Component Manufacturing, Professional Services and Building Services. New York State Department of Labor. *New York State Green Jobs Survey*. 2010.

²⁸ Not additive- some business are assisted for multiple years

²⁹ Number of workers trained is a count of the occupied seats at training sessions. A worker that attends more than one training session will be counted more than once.

Highlights of Additional "Clean Energy Economy" Accomplishments

- As a result of NYSERDA's technology and business development investments, there are over 339 new and improved clean energy products in the market, in all end-use energy sectors, from high-efficiency furnaces, to advanced lighting controls and hybrid electric buses.
- NYSERDA has invested \$283 million dollars in business and technology development activities. An
 additional \$1,008 million in funds has been leveraged by NYSERDA's investment in business and
 technology product development.
- For every dollar invested by NYSERDA in product development, New York State realized approximately \$11 in statewide economic and environmental benefits, including the creation of over 600 net jobs in 2013.
- NYSERDA's incubator program, which supports six cleantech incubators, has assisted 133 clients and helped these startups raise \$153 million in private funds while creating 125 new products and 395 new jobs. This program was lauded in a 2012 Brookings Institution's report, "Leveraging State Clean Energy Funds for Economic Development." The report said NYSERDA's six incubators have "been critical in helping New York create and retain the types of companies that form the bedrock of a clean energy economy."
- Proof-of-Concept Centers dedicated to helping inventors and scientists turn their high-tech, clean-energy ideas into successful businesses were established at Columbia University, NYU-Poly, and High Tech Rochester to facilitate clean energy business growth.

³⁰ Beginning in 2013 trainees from the Clean Tech Executive Program and Energy Codes and Standards are counted in this metric.

Table 5: Performance Measures - A Cleaner Environment

A CLEANER ENVIRONMENT NYSERDA reduces the environmental impact of energy production and use. **TARGET** TARGET **ACHIEVED** Total **TARGET** Prior³¹ to **CY 2013** Total CY 2014 CY 2014 **Performance Measures** at end of CY 2015 Addition at end of 2013 Addition Addition CY 2014 Addition CY 2015 CO2 equivalent emission reductions due to NYSERDA's energy efficiency, renewable and diverse energy programs (annual tons) 32 (Open programs only) 33 1,978,642 319,479 375,928 2,306,449 263,551 2,570,000 NA (Comparison Point: 2011 **Annual NYS Power Sector** Emissions- 40 million short tons CO_2) 34 CO₂ equivalent emission reductions due to NYSERDA's energy efficiency, renewable and diverse energy programs 4,238,224³⁵ 4,321,999 (535,845)³⁵ 311,347 452,070 4,465,975 227,751 (annual tons) 32 (All programs) ³³(Comparison Point: 2011 Annual NYS Power Sector Emissions - 40 million short tons CO₂) 34 NO_x emission reductions due to NYSERDA's energy efficiency, renewable and diverse energy programs 116³⁵ 4,784³⁵ 343 506 248 5,032 4,163 (annual tons)³²(Comparison Point: 2011 Annual NYS Power Sector Emissions -29,000 short tons NO_x)³⁴

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³¹ Performance measures listed in Table 4 began accumulating results in 1999 subsequent to the Public Service Commission's (PSC) 1998 approval of the System Benefits Charge Operating (SBC) Plan, with the renewable contribution becoming more significantly in 2006 subsequent to the PSC's 2004 authorization of the Renewable Portfolio Standard (RPS).

³² These emission reductions are associated with electric and fossil fuel energy efficiency measure savings and renewable generation. The associated electricity and fossil fuel savings have been revised from previously reported values due to a change in the methodology for counting savings from the Systems Benefit Charge programs (SBC) and to correct data discrepancies discovered in 2012 Energy Efficiency Portfolio Standard (EEPS) reporting.

³³New York Energy \$mart Programs are closed. CO2 reductions from open programs (EEPS, RGGI, and RPS) are shown separately.

³⁴ NYS DEC 2011 Electric Generation Facility Emissions Data: Carbon Dioxide, Sulfur Dioxide and Nitrogen Oxides.

³⁵ In 2013 the factors for calculating emissions reductions were revised to reflect a reduction in the use of oil and coal for power generation on the New York grid, causing the impact of efficiency and renewable generation on emissions reduction to decrease.

Table 5: Performance Measures - A Cleaner Environment

A CLEANER ENVIRONMENT NYSERDA reduces the environmental impact of energy production and use.										
Performance Measures	Prior ³¹ to 2013	CY 2013 Addition	TARGET CY 2014 Addition	ACHIEVED CY 2014 Addition	Total at end of CY 2014	TARGET CY 2015 Addition	TARGET Total at end of CY 2015			
SO ₂ emission reductions due to NYSERDA's energy efficiency, renewable and diverse energy programs (annual tons) ³² (Comparison Point: 2010 Annual NYS Power Sector Emission— 48,000 short tons SO ₂) ³⁴	8,028	(3,569) ³⁵	329 ³⁵	510	4,968 ³⁵	228	5,196			
Energy-related environmental policies informed by NYSERDA reports / studies		See bulleted items below	List will be maintained		See bulleted items below		List will be maintained			

CY 2014

- Completed an update to the 2011 ClimAID projections, which will serve as the foundation for NYSDEC's official climate projections as mandated under the Community Risk and Resiliency Act.
- Conducted a project on marsh migration under future sea level rise, which will be used by a number of NYS and NYC agencies
 in coastal resource management, and the results of which have been incorporated into The Nature Conservancy's wellknown Coastal Resiliency mapping tool.
- Initiated research into changing precipitation extremes across the state, which will be used by a number of agencies and
 organizations, including NYSDOS and NYSDEC.
- Briefed EPA Office of Air Quality Planning and Standards on Renewable Heat New York (RHNY) which led to EPA adopting RHNY Qualified Pellet Boiler Technologies as automatically certified for Step 1 of the NSPS (effective May 15, 2015) - this prevents disruption to several manufacturers and importers.
- Briefed the White House Office of Management and Budget on the state of technology and critical elements of the NSPS, stressing the need to both set high performance standards and remove a market barrier created by EPA accredited test labs.
- Developed a white paper on high-efficiency biomass heating technologies for the American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE) to be used as they consider adding biomass to the Green Buildings Standard.
- Assisted other states looking to RHNY for setting their own biomass heating program requirements [ex. MA, VT use the RHNY list of Qualified Technologies in their programs, Clean Energy States Alliance (CESA)].
- Developed a project to show how critical loads could be applied for developing a secondary National Ambient Air Quality Standard. A primer was commissioned to describe critical loads, how they are calculated, and how they have been used by policy makers. A group of 25 scientists and policy makers convened for a two-day workshop to discuss the more subjective aspects of Critical Loads and develop a general path forward. The approach will be supported by \$200,000 in settlement funds provided by the NYS Office of the Attorney General.

Additional Policies Informed are included in the Accomplishments Section, below. Policies informed prior to 2014 are included in the Cleaner Environment table in the FY ending March 31, 2014 Operations and Accomplishments Report.

Highlights of Additional "Cleaner Environment" Accomplishments

NYSERDA's energy efficiency and renewable energy programs reduce the need for fossil fuel
production of electricity and avoid associated emissions. For 2014, this equates to eliminating over
4,784 annual tons of NOx, 4,968 annual tons of SO2, and nearly 4.2 million annual tons of CO2 into
New York's air – equivalent to removing approximately 823,500 cars from New York's highways.

- In an effort to help regulators and developers respond to permitting needs for marine wind energy in New York, a two-phase project was conducted to establish specific monitoring guidelines for wildlife. Through a collaborative effort with stakeholders phase 1 identified specific monitoring and data requirements in relevant environmental regulations. Phase 2 then used this input to develop a Marine Wind Wildlife Research Plan. This plan identifies data gaps that should be addressed to facilitate offshore wind energy development in New York and prioritizes areas of future research needs.
- Continued collaboration with the Partners Restoring the Hudson effort (The Nature Conservancy, the US Army Corps of Engineers, et al.) to explore the inclusion of NYSERDA's new sea level rise mapping tool project in a Comprehensive Adaptation Plan for the Hudson River Estuary. This collaboration allowed TNC to avoid a duplicative effort and may result in the NYSERDA-funded tool being used in an outreach effort to communities by TNC/USACE for adaptation planning. In addition, NYSERDA's ~\$300k funding into the Columbia/Stevens Institute modeling project may leverage approximately \$1.5 million from the USACE and \$500k from other agencies and organizations around the state. If recognized by Congress, which is the goal of the overall collaboration, it will open up avenues for federal funding for implementation of the comprehensive plan.
- Briefed EPA Office of Air Quality Planning and Standards on the Brookhaven National Laboratory
 method developed with NYSERDA support, leading to EPA's formal recognition as an approved test
 method for cordwood boilers. This method was also identified in the New Source Performance
 Standards (NSPS) and provides a mechanism for three NY manufacturers to stay in business.

Table 6: Performance Measures – Contract and Cycle Time

CONTRACT AND CYCLE TIME NYSERDA is responsive to customer needs – delivering accurate and timely information, services and programs						
Performance Measures	CY 2012	CY 2013 TARGET CY 2014		CY 2014	TARGET CY 2015	
Contract processing time - Median time to process (weeks): 1) Contracts Awarded from Solicitations;	32.6 (196 contracts)	28.3 (332 contracts)	28.3	37.4 (337 contracts)	See Table 7	
Open Enrollment Incentives;	14.6 (3,909 contracts)	4.4 (4,927 contracts)	5.0	2.9 (16,437 contracts)	See Table 7	
3) Direct Contracts	3.9	3.9 (331 contracts)	4	4.0 (293 contracts)	See Table 7	
4) Modifications / Task Orders	4.7	4.0 (2,315 contracts)	4	4.1 (2,123 contracts)	See Table 7	
Invoice payment – 1) Number of invoices paid within 30 days	67,285	68,213 invoices	**36	77,418 invoices	**36	
Percent of payments made within 30 days	99.99%	99.99%	100%	99.99%	100%	

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³⁶ The measure will be monitored and reported but a target has not been set. NYSERDA has elected not to establish a target in cases where the measure is a function of a parameter that cannot be reliably predicted (e.g., energy costs) or in cases where the metric is new to NYSERDA.

In order to provide more informative and actionable data, the contracting cycle times have been disaggregated for the highest volume programs.

Table 7: Performance Measures – Contract and Cycle Time Detail

	Due Date Solicitations			Open Enrollment and Task Work Orders				
Department Description	CY 2014 Count	CY 2014 Median of Total No. of weeks	CY 2014 Average of Total No. of weeks	CY 2015 Target Average Weeks	CY 2014 Count	CY 2014 Median of Total No. of weeks	CY 2014 Average of Total No. of weeks	CY 2015 Target Average Weeks
NY-Sun	60	33	43	28	14,252	3	5	2
Commercial	20	35	44	28	1,313	4	9	6
Codes & New Construction	2	55	55	28	717	31	48	36
Industrial and Agriculture	1	50	50	28	512	16	25	20
Multifamily Residential		n/a	n/a		218	5	7	4
On-Site Power	28	33	50	28	96	15	19	15
Clean Transport	27	45	51	28	42	16	18	15
All Other	171		35	28	197		6	4
Total	309		44	28	17,347		14	11

PROGRAM OPERATIONAL UNITS

Commercial

Commercial will address overcoming market barriers to develop a well-functioning market for clean energy in the buildings sector with expansion of ESCOs servicing this market. Customers will be positioned to invest in clean-energy projects via market-rate, long-term, self-sustaining financing options; use of cost-effective, technology-enabled tools: and comprehensive efficiency projects occurring in all significant market segments.

Communities & Local Government

Communities & Local Government provides a unified approach toward local energy action to better serve local communities' needs and advance clean energy policies statewide. They will work to implement a common framework that enables communities to embed clean energy into their planning, helps facilitate and prioritize implementation, and recognizes/showcases community energy and sustainability actions.

Codes & New Construction

Codes & New Construction works within many sectors to help build market capacity, demonstrate value propositions, and disseminate credible information to drive the market to deep energy savings and zero net energy performance in construction and substantial renovation. They will also address the safety and durability issues of buildings that meet or exceed future, increasingly stringent, energy codes; advance the energy code, improve design and construction practices.

Digital Solutions

Digital Solutions seeks to accelerate the impactful deployment of digital and information technology solutions that improve the energy performance of distributed energy resources and energy consuming devises.

Industrial and Agriculture

Industrial and Agriculture will advance the latest technologies and techniques to drive adoption of energy efficiency and process improvements through new strategies.

Low/Moderate Income

Low/Moderate Income will develop strategies and propose policy, coordinating across all sectors and various New York State organizations, to streamline and improve the effectiveness of the delivery of energy services to Low to Moderate Income households.

Multifamily

Multifamily will work to overcome market barriers in the multifamily sector (residential structures containing five or more dwelling units), pursuing strategies to: create awareness and demand for energy-efficient and high-performance buildings; increase market capacity to deliver energy services; stimulate consumer demand and choice to select energy and environmentally friendly buildings.

Products

Products conceptualizes, drives and implements strategies and interventions that accelerate the adoption of emerging or underutilized energy-relevant products by working to develop supply chains and service networks.

Market Insights

Market Insights supports work with actionable customer insights to help develop and guide strategy. Market Insights will generate actionable customer insights relevant to programs, partners, and enduse customers, develop market research in partnership and support of multiple teams across NYSERDA to understand market barriers and develop insights on customer decision making.

Single Family Residential

Single Family Residential works to overcome market barriers towards the development of a robust, self-sustaining, market-based energy efficiency industry for the existing homes sector (residential structure containing 1-4 dwelling units); and facilitates the growth of demand for energy services.

Workforce

Workforce enables workforce development and training where lack of a trained workforce is inhibiting growth of a particular energy industry, or where training is needed to perform critical functions; establishes energy training as a permanent and sustainable part of the community infrastructure; and enables growth of jobs in disadvantaged communities.

Technology and Business Innovation

Technology and Business Innovation facilitates the research, development and commercialization of new and innovative clean energy technologies that when deployed at scale will deliver meaningful reductions in greenhouse gas emissions. Technology and Business Innovation's direct investments help to determine technical feasibility, assess market opportunities, achieve key product development milestones, and validate new technologies at scale in "real world" applications. Strategic investments in statewide multi-use assets provide business incubation, manufacturing support, mentorship, and access to private sector investors and potential development and commercialization partners. Technology and Business Innovation has five teams focused on Smart Grid Systems, Renewables & Distributed Energy Resource Integration, Buildings, Clean Transportation and Innovation Capacity and Business Development.

Energy Storage

Energy Storage will develop and implement a robust energy storage strategy that removes the most impactful barriers preventing adoption in the electric grid, buildings and transportation sectors Initiatives will include: targeting soft costs to reduce total installed cost, validating new financing and ownership models, participating in ratemaking and tariff design, removing safety and performance uncertainty, and developing and demonstrating new products and integrated systems including microgrids.

Grid Tied Renewables

The Grid Tied Renewables team will sustain and expand the penetration of large scale renewables in New York and also support the development of New York's next frontier of renewable resources including the offshore wind resource. The program will facilitate New York's renewables voluntary market through the design and management of the New York Generation Attribute Tracking System,

provide technical and pre-development assistance to reduce soft costs associated with the development of these assets, assess alternate energy market valuation for renewables, and enable the development of the next generation of renewable technologies including offshore wind.

On-site Power Production

On-site Power Production will direct its major focus on animating the market for individual buildings to adopt natural gas-fueled Combined Heat and Power systems that will run every day as well as during a grid outage. The team will also assist the Anaerobic Digester Gas marketplace and the fuel cell marketplace with identifying business models that can lead to self-sustaining markets. On-site Power Production will also seek to advance the market for hybrid on-site power systems.

Renewable Thermal

Renewable Thermal will seek to enable a self-sustaining market for renewable heating and cooling solutions helping to increase the viability of net zero energy buildings in New York. Solar thermal, biomass heating and geothermal systems will be explored. Renewable Thermal will address barriers to market growth including low customer confidence, limited service providers, high upfront costs, significant soft costs, and variable performance data.

NY-Sun

NY-Sun is a multifaceted approach that aims to lower energy costs for all New Yorkers by increasing solar power capacity and the efficiency and reliability of the electric grid. In addition to the Solar Electric Program, the NY-Sun initiative has programs to help lower statewide solar soft costs including training for installers and public officials, a standardized permitting and interconnection process, customer aggregation, and consumer education.

Financing Solutions

Financing Solutions will develop strategies for mobilizing private capital and market-based financing solutions to support scaled investments in clean energy across sectors and technology areas.

Resiliency and Emergency Preparedness

Resiliency and Emergency Preparedness will innovate, develop and execute planning and strategies to manage NYSERDA responsibilities under the Governor's Fuel NY initiative, an integrated solution to ensure that New Yorkers have access to gasoline in a declared energy or fuel supply emergency.

Performance and Market Standards

Performance and Market Standards is responsible for data-driven and actionable business intelligence to support program design, performance measurement and management, test-measure-adjust, and Authority reporting. It is also responsible for using information, standards and quality assurance to build consumer and investor confidence in clean energy technology solutions and investments. It is made up Reporting and Data Quality, Market Characterization & Evaluation, Pilot Design and Quality Assurance and Standards and Information Products and Brokering.

Energy and Environmental Analysis

Energy and Environmental Analysis assists New York State policy decision-makers and stakeholders by identifying and evaluating policy, assessing the impact of energy and environmental policies, providing market intelligence across all energy and fuel types, including all energy systems, market participants and customer sectors and more

Government Affairs

Government Affairs helps to develop and implement strategies to attain authority goals and advises executive management on policy positions. Government Affairs helps construct the legislative agenda for the authority and monitors legislative activities at the state and federal level.

Philanthropic Engagement

Philanthropic Engagement's goal is to identify, cultivate and develop partnerships with mission-driven organizations such as foundations and corporate philanthropy for the purpose of serving as co-investors in clean energy initiatives in communities throughout New York State.

NY Prize

NY Prize is a first-in-the-nation \$40 million competition designed to engage communities in creating microgrids that benefit the utility grid during normal operating conditions and can function independently from the utility grid during times of emergency.

Utility Affairs and Strategic Partnerships

Utility Affairs and Strategic Partnerships drives coordination and collaboration between NYSERDA and utilities as well as necessary partners to develop strategies, demonstration partnerships, programs, and market approaches that achieve Clean Energy Fund and Reforming the Energy Vision objectives.

Saratoga Technology + Energy Park® (STEP®)

Owned by NYSERDA, the Saratoga Technology + Energy Park® (STEP®) is a knowledge community with resources for companies in the clean-energy field looking to expand in New York's Tech Valley. A 280-acre site, STEP is located in Malta, New York, and is approved for 1.25 million square feet of office, research and development, and light manufacturing space while maintaining 77% green space. By creating a foundation for innovative clean-energy companies to collaborate, STEP is playing a role in the growth of the clean-energy economy in New York State.

West Valley Site Management Program (WVSMP)

NYSERDA has a major environmental responsibility through its stewardship of the West Valley site in Cattaraugus County. NYSERDA's WVSMP works with the U.S. Department of Energy (DOE) to conduct the West Valley Demonstration Project, a high-level radioactive waste solidification, decontamination, and decommissioning demonstration project. The unique state and federal partnership at West Valley was created by the U.S. Congress in 1980 through the passage of the West Valley Demonstration Project Act. The WVSMP is also responsible for the safe management of the remainder of the 3,300-acre Center, including the shut-down State-Licensed Disposal Area (SDA), a 15-acre disposal facility that contains 2.4 million cubic feet of radioactive waste that was disposed in the 1960s and 1970s.

NYSERDA Public Authority Law Report April 1, 2015 to September 30, 2015

Section Break

Toward a Clean Energy Future: **A Three-Year Strategic Outlook** | 2015-2018





Message from President and CEO John B. Rhodes

For many years, New York State has been a leader in the clean energy economy. Today's most pressing energy and environmental leadership challenges are significant and require swift and bold action. Business as usual is simply not enough to respond to these challenges, and the State has undertaken an extensive restructuring of its energy regulatory environment and clean energy initiatives as an example of the bold leadership that New York can provide to the nation.

Through Governor Andrew M. Cuomo's energy strategy, **Reforming the Energy Vision** (REV), the State is transforming its policies and initiatives to build an energy system that is clean, resilient, and affordable for all New Yorkers. Designed to enable self-sustaining, clean energy markets, REV is aimed at fundamentally improving New York's energy future and leading us on a path to reducing greenhouse gas emissions 80 percent by 2050. Through groundbreaking regulatory reform, strategic evolution of State initiatives, and leading by example, REV is actively spurring clean energy innovation, bringing in new investments, and improving consumer choice.

Critical to this effort will be the unprecedented 10-year, **Clean Energy Fund** (CEF), an essential pillar of REV that will build upon the foundation of past State-administered clean energy initiatives and support policy objectives identified in the 2015 State Energy Plan. The CEF includes strategies to help the State capture the environmental and resiliency benefits of clean, distributed resources while empowering customers with greater choice and control over their energy needs.

NYSERDA is playing a vital and growing role in supporting REV by working closely with industry and communities to accelerate the adoption of clean energy, expand private investment opportunity, and work with New Yorkers (and those who want to locate here) in new and innovative ways. NYSERDA's mission of advancing innovative energy solutions in ways that improve New York's economy and environment remains the same; our strategies may change to achieve scale in clean energy. Achieving greater scale will be measured in our ability to remove the barriers to the growth of energy efficiency and renewable energy throughout the State, as well as stimulate increased private sector interest in pursuing economic opportunity in these areas.

In coordination with key industry and market partners, NYSERDA will continue to explore new approaches to advance innovation in technology, finance, and energy sector business models. With an **emphasis on economic growth, enhancing customer value, and the use of low-carbon clean generation and energy efficiency technologies**, NYSERDA is taking meaningful action to overcome New York's greatest energy and environmental challenges.

In support of Governor Cuomo's REV initiative, this year's Strategic Outlook reflects NYSERDA's unwavering and long-standing commitment to serve the needs of New York and help the State continue its commitment to leadership in realizing a clean, resilient, and affordable energy future.



Today's most pressing energy and environmental challenges are significant and require swift and bold action.

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About NYSERDA

NYSERDA's efforts aim to reduce greenhouse gas emissions, accelerate economic growth, and make customer's energy bills more affordable.

The New York State Energy Research and Development Authority (NYSERDA) catalyzes investment and innovation in clean energy. Working in partnership with residents, community leaders, business owners, local government officials, and utilities, these investments result in more efficient and comfortable buildings, increased adoption of renewable energy and distributed resources such as solar and wind, and the development of new technologies and services to meet the needs of communities across New York. NYSERDA's efforts aim to reduce greenhouse gas emissions, accelerate economic growth, and make customer's energy bills more affordable.

Through its efforts, NYSERDA has helped thousands of New Yorkers embrace energy efficiency; enabled development of over 2,000 megawatts (MW) of renewable energy; led and managed New York's portion of the Regional Greenhouse Gas Initiative (RGGI), the nation's first greenhouse gas cap and trade program, which has resulted in a 40% reduction in power sector carbon dioxide (CO₂) emissions in RGGI states since 2005; catalyzed development of a vibrant cleantech innovation ecosystem in New York; and established the country's largest green bank. With these foundational initiatives and others, NYSERDA is addressing the energy challenges and opportunities as part of New York's energy strategy, Reforming the Energy Vision (REV), which will create a clean, resilient, and affordable energy system for all New Yorkers.

NYSERDA's Principles

NYSERDA's strategic approach is guided by the following key principles:

- Design, build, and operate around:
 - Our strategy and the impact that we seek to make.
 - Our customers and partners.
 - Ensuring we are responsive, adaptable, and easy to work with.
- Listen to markets for ideas and insight.
- Innovate and invest based on clear but flexible theories of change and on market and technology savvy.
- Continuously adapt (test, measure, and adjust).
- Manage performance, ensuring that we are getting results and changing course when we are not.

NYSERDA's Role

NYSERDA's role is to work with and through markets to:

- Invest in promising areas where others cannot or do not (yet) invest, helping to accelerate the growth of clean energy.
- Enable greater investment in the clean energy economy from the private sector and from communities by helping them overcome barriers.
- Spur demand and accelerate growth in clean energy through a comprehensive, sustainable, and robust approach.

NYSERDA is a core asset in helping the State to meet the goals outlined in the REV strategy.



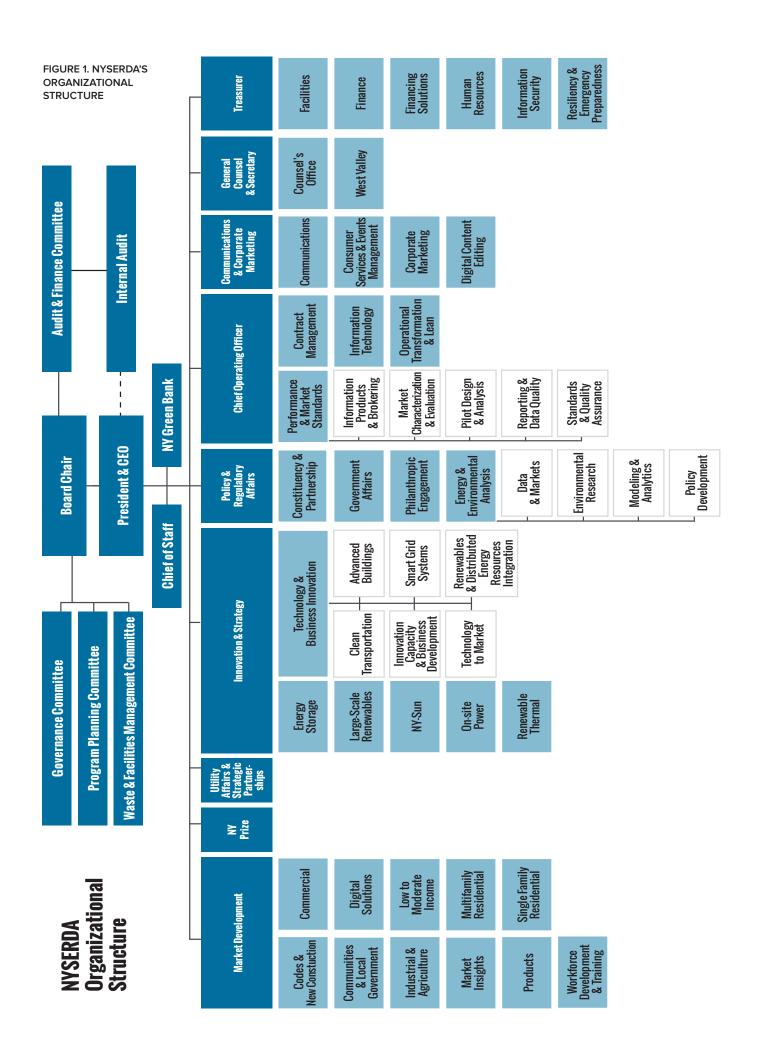
Cornell's Snyder Road Solar Farm in Tompkins County, NY consists of a 2-MW array of solar panels that stretches across 11 acres of Cornell property. The site is part of Cornell's Radiation Disposal Facility. Remediation activities occurred on the site prior to constructing the solar array. (Source: NYSERDA)

Corporate Structure

NYSERDA is a public benefit corporation. It was created in 1975 under Article 8, Title 9 of the State Public Authorities Law. NYSERDA is governed by a Board consisting of 13 Members, including the Commissioner of the New York State Department of Transportation (DOT), the Commissioner of the New York State Department of Environmental Conservation (DEC), the Chair of the New York State Public Service Commission (PSC), and the President and CEO of the New York Power Authority (NYPA), who all serve ex officio. The remaining nine members are appointed by the Governor with the advice and consent of the State Senate and include, as required by statute, an engineer or research scientist, an economist, an environmentalist, a consumer advocate, an officer of a gas utility, an officer of an electric utility, and three at-large members. The Board Chair is designated by the Governor.

NYSERDA was recently restructured to be more customer-oriented and focused to support its approach to clean energy markets, while continuing to ensure maximum coverage of market segments and provide operational efficiency and accountability for use of public monies. Figure 1 represents NYSERDA's new organizational structure. The structure is designed to be flexible and adaptable to the dynamic clean energy market, with teams working across units where needed. Themes of innovation and market-facing initiatives cut across all units.

NYSERDA was recently restructured to be more customer-oriented and focused to support its approach to clean energy markets . . .



Mission Outcomes

NYSERDA has four overarching Mission Outcomes with performance measures that serve as indicators of progress. The four Mission Outcomes are: (1) the efficient use of energy, (2) renewable and diverse energy supplies, (3) expanding the clean energy economy, and (4) a cleaner environment (see Figure 2).

FIGURE 2. NYSERDA'S MISSION, VISION, AND OUTCOMES

MISSION

Advance innovative energy solutions in ways that improve New York's economy and environment.

VISION

Serve as a catalyst – advancing energy innovation, technology, and investment; transforming New York's economy; and empowering people to choose clean and efficient energy as part of their everyday lives.

POLICY FOUNDATION: REFORMING THE ENERGY VISION

New York's comprehensive strategy to enable self-sustaining, clean energy markets supporting a clean, resilient, and affordable energy system.

This strategy includes three key pillars.

REGULATORY REFORM

PSC proceedings regarding policy and markets.

EVOLUTION OF STATE PROGRAMS

Clean Energy Fund (CEF), NY-Sun, NY Green Bank, NY Prize, etc.

LEADING BY EXAMPLE

Using the State's energy assets.

MISSION OUTCOMES

Efficient Use of Energy

NYSERDA reduces market barriers and spurs demand for energy solutions that reduce the energy consumption and increase the energy efficiency of New York State's residents and businesses.

Renewable and Diverse Energy Supplies

NYSERDA diversifies New York State's portfolio of energy resources by accelerating development of renewable and distributed generation resources.

Clean Energy Economy

NYSERDA catalyzes technology innovation, new business opportunities, and private investment in clean energy in New York.

A Cleaner Environment

NYSERDA enables markets for new clean energy products and services that can produce meaningful reductions in the environmental impact of energy production and use.

Performance indicators to measure NYSERDA's progress toward the achievement of its Mission Outcomes are shown in Figure 3. These outcomes align with major objectives established under New York's REV policy and 2015 State Energy Plan. During 2015, NYSERDA continues to build on its core performance management system and adjusting its performance indicators, in particular to include more market outcomes consistent with the direction NYSERDA is moving in, as presented in its CEF proposal.¹

FIGURE 3. NYSERDA'S MISSION OUTCOME PERFORMANCE METRICS FOR 2015-2018

Efficient Use of Energy

Electricity (MWh) saved due to improved energy efficiency in New York's buildings and facilities

Fossil fuels (MMBtu) saved due to improved energy efficiency in New York State's buildings and facilities

Number of New York State households served

Number of commercial and industrial customers served

Energy Bill Savings:

- 1) Annual direct energy bill savings realized by participating customers
- 2) Energy bill savings realized by participating customers per energy efficiency dollar spent by NYSERDA

Number of net additional jobs created as a cobenefit of NYSERDA's SBC-funded energy efficiency activities

Renewable and Diverse Energy

Electricity (MWh) produced from renewable sources:

- Electricity Production (MWh) delivered to wholesale power market from incentivized installations
- 2) Electricity Production (MWh) from on-site installations

Number of operating renewable resource installations

Electricity (kWh) produced from combined heat and power (CHP) sources

Number of operating CHP installations

Petroleum Displacement (Thousands of gallons) in transportation sector

MWs of solar Installed

Dollars of private investment stimulated by NYSERDA. Investment in both total (total \$) as as a ratio (total \$/NYSERDA)

Clean Energy Economy

Impacts of Product
Development Activities:

- 1) Annual product sales
- 2) Number of products in the market as a result of previous technology and business development investment
- 3) Change in GSP
 as a result of R&D
 product development,
 expressed as a ratio
 of GSP impact to
 NYSERDA investment
 in R&D product
 development
- 4) Number of net additional jobs created as a result of the net macroeconomic activity stimulated by R&D product development activities
- 5) Number of new clean energy products in development

Number of patents, UL listing certifications, license agreements, copyrights and other knowledge certifications

A Cleaner Environment

Emission reductions due to NYSERDA's energy efficiency, renewable, and diverse energy programs:

- 1) GHG emission reductions (annual tons)
- 2) NO_x Emission reductions (annual tons)
- 3) SO₂ Emission reductions (annual tons)

Energy–related environmental policies informed by NYSERDA reports/studies

Funding leveraged by NYSERDA's investment in business and technology product development

Dollars invested by NYSERDA in business development activities

Number of clean energy businesses receiving financial support (with startups noted)

Number of workers trained in clean energy sectors

¹ Case 14-M-009, Proceeding on Motion of the Commission to Consider a Clean Energy Fund, Clean Energy Fund Proposal, (Submitted by NYSERDA September 23, 2014). Case 14-M-0101, Proceeding on Motion of the Commission in Regard to Reforming the Energy Vision, Order Adopting Regulatory Policy Framework and Implementation Plan, (issued and effective February 26, 2015).

Planning for the Future

This section provides an overview of the broader context for NYSERDA's activities, including key policies, initiatives and planning efforts that help drive and shape NYSERDA's actions over the planning period.

State Energy Plan

The 2015 State Energy Plan outlines Governor Andrew M. Cuomo's strategy to build a clean, resilient, and affordable energy system for all New Yorkers, known as REV. REV aims to increase customer knowledge of energy options and opportunities that improve decision making, animate markets to achieve scale for distributed energy resources (DERs), increase system-wide efficiency and affordability, diversity energy resources, provide for a reliable energy system, and reduce carbon emissions. REV entails a number of important components founded on three strategic pillars:

- The PSC's Reforming the Energy Vision Regulatory Docket that seeks to change how the utility sector reaches and finds greater value from and choice over their energy use, as well as how to facilitate the rapid expansion and integration of DERs into the State's energy system. New price structures will be designed to encourage third-party service providers and other market actors to invest in DERs to modernize the power grid, improve system efficiency, and drive scale in the clean energy economy.
- NYSERDA's Clean Energy Fund to leverage greater levels of private investment and build from the State's strong clean energy industry foundation. These approaches will help to achieve greater scale for clean energy, thereby advancing overall greenhouse gas emission reduction goals.
- NYPA's Leading by Example in developing innovative and transparent solutions to reduce energy demand, for which it will hold itself accountable as a model for the rest of the State.

The success of REV will depend on coordinated action across State sponsored activities and active engagement of the private sector in advancing renewed or reformed business models that find economic opportunity in New York's clean energy economy. Further, cooperation among local and federal government partners will become evermore critical. This cooperation will suppport strategies implemented under the CEF, which will work with industry, government, communities, and individual New Yorkers to better reveal the benefits of clean energy opportunities, and serve as a critical contribution to the State's climate change policy aspirations.

REV envisions a new energy model, as represented in Figure 4. This model embraces clean, DERs and a more dynamic energy space, where innovation progressively grows as consumers seek new products and services to meet their needs, whether price reliability, environmental value, or other needs. NYSERDA will play a key role in advancing the goals of REV primarily through the CEF.

Integral to REV are long-range environmental policy goals, with a focus on reducing greenhouse gas (GHG) emissions. As stated in the State Energy Plan, these ambitious 2030 State goals are:

Reduction in GHG emissions from 1990 levels

Reducing GHG emissions from the energy sector—power generation, industry, buildings, and transportation—is critical to protecting the health and welfare of New Yorkers and reaching the longer term goal of decreasing total carbon emissions 80% by 2050. 50%

Generation
of electricity from

Renewable energy sources, including solar, wind, hydropower, and biomass, will play a vital role in reducing electricity price volatility and curbing carbon emissions.

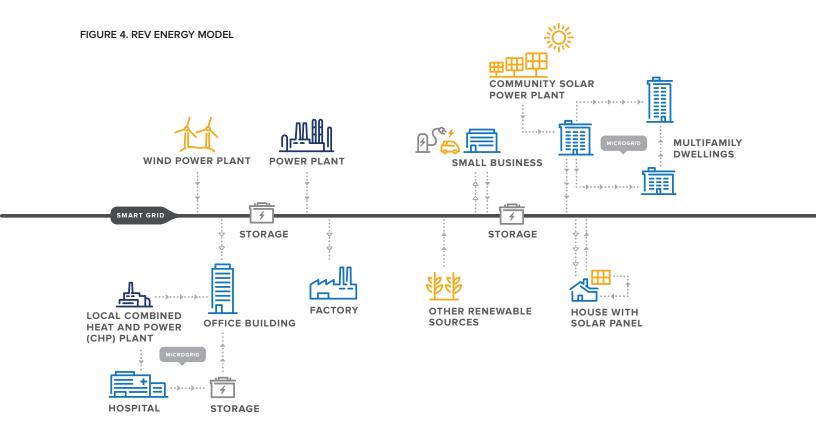
renewable energy sources

23%

Decrease

in energy consumption in buildings from 2012 levels

Energy efficiency results in lower energy bills and is the single most cost-effective tool in achieving energy objectives. 600 trillion British thermal units (TBtu) in energy efficiency gains equates to 23% reduction in energy consumption by buildings.



Clean Energy Fund

In May 2014, the PSC initiated the CEF proceeding as part of the evolution of the State's clean energy programs. The System Benefits Charge (SBC), Energy Efficiency Portfolio Standard (EEPS), Renewable Portfolio Standard (RPS), and other programs have created a strong market infrastructure and have established New York as a national leader in clean energy policy and program implementation. However, new strategies are needed to further advance clean energy to greater levels of scale in order to advance the overall GHG emission reductions envisioned by the 2015 State Energy Plan.

In response to the PSC, NYSERDA filed its 10-year CEF Proposal in the fall of 2014, and an Information Supplement on June 25.² These documents outline strategies to foster transformation in the clean energy market in New York. The strategies in the CEF Proposal and Information Supplement result from a NYSERDA-wide strategic reassessment that was conducted over the previous year, and directed by the objectives of greater NYSERDA impact for market scale-up, private sector investment leverage, and emissions reduction over the long term. The strategies proposed in the CEF will advance a transition to new program models, maintaining the market infrastructure built from previous initiatives and complementing REV policy objectives, as stated in the 2015 State Energy Plan and the REV regulatory proceeding.

Other Federal, Regional, and Local Policy Drivers

While New York pursues its policy priorities, the State will also assess advancements in national, regional, and local policy as to their impact on New York more effectively reaching its statewide goals. Key among national policy advancements will be completion of the U.S. Environmental Protection Agency (EPA) Clean Power Plan regulations, proposed pursuant to Section 111(d) of the Clean Air Act, which establishes CO₂ emission guidelines for existing electric power plants. The final rule was released August 3, 2015. NYSERDA will engage with State agency partners and craft an appropriate implementation strategy to meet any new regulatory requirements, including exploring RGGI as a potential compliance mechanism.

At the regional level, New York State is involved in efforts that are helping to support the clean energy economy, including RGGI and the northeastern Transportation and Climate Initiative (TCI). As the RGGI program approaches its next formal program review in 2016, the participating states will assess the program's effectiveness, cost impacts, and benefits, and TCI will continue to implement efficient and clean transportation programs. Additionally, in efforts to develop offshore wind (OSW), NYSERDA and New York State will also seek multistate collaboration to enhance the attractiveness of OSW to developers, build needed supply chains, and improve overall development economics.

Local governments are becoming the front line for clean energy implementation and citizen engagement. Local governments are partly reinventing themselves as procurement agents for citizens interested in collectively investing in clean energy and resilient energy alternatives. NYSERDA will seek opportunities to help localities realize their own objectives, as they advance broader statewide objectives and serve as instruments of change for other communities. An example of this rests in New York City's Greener, Greater Buildings Plan, an ambitious set of laws to improve the energy efficiency of the city's building stock. NY Prize will also serve to demonstrate to communities how microgrids can provide new clean energy and resiliency options. Through the CEF, NYSERDA will seek to engage communities and local governments to help reveal the value in new energy options, and seek to springboard from platforms that localities can create in order to touch larger and more varied audiences for clean energy options.

² Case 14-M-0094, Proceeding on the Motion of the Commission to consider a Clean Energy Fund. Clean Energy Fund Information Supplement, Submitted by NYSERDA June 25, 2015.

Local governments are becoming the front line for clean energy implementation and citizen engagement.

Investment Areas

NYSERDA advances clean energy strategies to address the energy needs of New York State. NYSERDA programs are organized into four investment areas, each of which encompasses a set of complementary strategies to impact a specific component of the clean energy market. NYSERDA's approach will increase demand for clean energy and enable scale by removing market barriers, animating markets, and influencing changes in policies, codes, and regulations.

Market Development

NYSERDA's Market Development activities help to achieve the goals of REV by reducing barriers, increasing consumer demand for clean energy, and facilitating the private sector in providing new products and services that consumers value.

Many clean energy technologies are cost-competitive with traditional energy technologies. However, market uptake is not high enough to achieve State energy goals, so nonmonetary barriers clearly play an important role in preventing clean energy from achieving the necessary scale. Through Market Development, NYSERDA works to address barriers that have the greatest impact on clean energy deployment. These barriers haven't been fully addressed, are not a focus of other market actors, and have high-potential to increase adoption of clean energy if resolved. NYSERDA will focus resources on sectors, energy applications, and business models to address existing barriers in areas with the highest probability of driving clean energy adoption. Within these targeted areas, NYSERDA will launch strategies that address specific barriers to adoption and target key events and decision points (i.e., building acquisition, renovation, and refinancing).

Market Development includes a range of interventions to address the barriers to using clean energy, with the flexibility to adjust the interventions in response to changes in the market. NYSERDA focuses on the following key barriers currently facing clean energy technologies:

- Financial barriers, such as higher cost of advanced equipment and limited financing.
- Consumer concern that the technology or the installation will not perform as promised.
- Lack of consumer awareness of the full benefits of clean energy (i.e., economic, health, safety).
- Lack of prioritization of energy over other investments.

- Customer confusion over complex projects.
- High project soft costs (such as customer acquisition, permitting, etc).
- Policy drivers that are not fully used (such as inconsistent, weak, or ill-enforced building codes and regulations).

Market Development focuses on activities to scale the market for on-site, behind-the-meter clean energy including energy efficiency in new and existing buildings, distributed generation, and renewable thermal as well as storage, microgrids, and other enabling energy technologies. Within this investment area sits NY-Sun, that seeks to stimulate the market for solar electric technologies in New York State. Key components of NY-Sun include a MW-block incentive program, consumer education, initiatives to expand access to solar electric technologies (including Community Solar NY, K-Solar for schools, and focused approaches for low to moderate income households), workforce development, and soft cost reduction efforts. Market development barriers to developing large-scale renewable resources will also be addressed. The PSC is currently considering the strategy for developing these large-scale renewables.

Technology and Business Innovation

NYSERDA's Technology and Business Innovation activities advance innovative clean energy solutions, facilitate growth in New York's cleantech sector, and accelerate the development of new technologies that can reduce greenhouse gas emissions.

Innovative energy solutions are needed to address New York's most pressing energy and environmental challenges. To address these long-term challanges, NYSERDA supports technology research and development, commercialization of new technologies and innovative business models, and emerging businesses developing clean energy products and services in New York State.

NYSERDA has financial resources as well as technical expertise, market knowledge, endorsement, and ability to bring critical parties to the table. These attributes will refocus the investment area to address three critical points in the development cycle where NYSERDA's assistance can be of particular value: company formation, when a company needs additional capital for product development work, and when company struggles to meet customer demand. This approach leverages private capital and stimulates investment in clean energy.

To advance REV's guiding priciples for innovation to reveal valuable energy solutions, NYSERDA refined its approach to cleantech innovation to: (1) focus on high-impact strategic priorities (such as opportunities with high GHG emissions reduction potential) while maintaining the flexibility to explore emerging prospects, (2) embrace a stronger focus on business development in conjunction with technology development, and (3) use rigorous portfolio management.

NYSERDA's strategic priorities for innovation include:

- Smart Grid Systems accelerating the evolution to a more advanced, integrated grid that enables new value-added services in pursuit of efficiency, sustainability, reliability, affordability, and REV objectives.
- Renewables and DER Integration accelerating market adoption and realization of grid and consumer benefits from distributed and renewable resources.
- Buildings Innovation creating technologies and systems that can enable zero net energy buildings, deep energy efficiency retrofits, and smart buildings, which provide value and comfort to occupants and owners.
- Clean Transportation accelerating movement toward efficient, low-GHG emissions transportation systems that enhances the quality of life in communities across New York.
- Innovation Capacity and Business Development — catalyzing a vibrant self-sustaining cleantech innovation ecosystem that accelerates the pace and scale of innovation in New York and makes New York the place for energy innovation.

Clean Energy Financing

NYSERDA's Clean Energy Financing activities work to increase the availability of private capital and financing solutions to support investments in clean energy across sectors and technology areas.

NY Green Bank focuses on eligible clean energy technologies including renewable energy and energy efficiency.

NY Green Bank is designed to overcome market barriers and address financing gaps in current clean energy financing markets, transforming those markets by enabling greater scale, new and expanded asset classes, and increased liquidity.

Clean Energy Financing develops financing solutions that will increase opportunities for customers to invest in clean energy projects. This investment area includes NY Green Bank, which works in partnership with the private sector to increase private investments into New York's clean energy markets. NY Green Bank focuses on eligible clean energy technologies with project types and sizes running the spectrum of clean energy finance in the State. NY Green Bank considers investments generally between \$5.0 and \$50.0 million in projects sponsored by its clients and partners that vary from distributed efficiency and behind-the-meter renewables, to large-scale, grid-connected generation. The key elements of NYGB's mission are partnering with private sector participants, implementing structures that overcome market barriers and address financing gaps in current clean energy financing markets, and transforming those markets by enabling greater scale, new and expanded asset classes, and increased liquidity. These factors combine to motivate faster and more extensive implementation of clean energy investments within NYS, fostering greater energy choices, reduced environmental impacts, and more green energy benefits per public dollar spent for all New Yorkers.

To carry out its mission, NY Green Bank uses a variety of approaches and transaction structures that are market-focused and responsive. Rather than compete with private sector capital providers, NY Green Bank looks to draw its private sector clients and partners into the marketplace.

Fundamental to the establishment of NY Green Bank is that it be self-sustaining and leverage public dollars with private capital in the deployment of clean energy in NYS, with all the corresponding benefits. Central to achievement of these objectives is NY Green Bank's ability to efficiently recycle funds. Unlike a pool of public funds that is dispensed once to qualifying projects as non-refundable grants or subsidies, funds entrusted to NY Green Bank are disbursed under commercial arrangements generating investment income and requiring repayment in accordance with agreed terms for each product and client/partner project. This means that as each dollar from NY Green Bank cycles through successive investments, those dollars will continue to generate additional clean energy benefits from new projects. Further, as the commercial markets expand into and increasingly accommodate clean energy finance needs previously supported by NY Green Bank, the multiplier effect on its investments will continue.

NY Green Bank will continue to demonstrate both to and with its private sector clients and partners that market returns can be realized through financing clean energy in NYS. NY Green Bank will continue to engage the private sector in its investments with the market-focused, market-responsive approach that is a consistent theme throughout New York's energy policy and strategy, including the proposed CEF. To encourage growing momentum in the clean energy finance markets in the State, NY Green Bank continues its focus on scalability and replicability, including standardizing transaction types and documentation, developing a track record of investment performance and establishing transaction volumes and structures needed to finance the State's clean energy goals.

Energy and Environmental Data, Planning, and Policy

NYSERDA's Energy and Environmental Data, Planning, and Policy activities seek to ensure that New York State policymakers and stakeholders have a solid foundation of objective information and data upon which to make decisions.

NYSERDA supports a spectrum of activities designed to analyze energy policy options, understand and mitigate the impacts of energy production and use on the environment, maintain energy systems reliability, and inform NYSERDA clean energy investments and programs in an evolving energy landscape. Maintaining objectivity in its analysis of program options and activities is key to ensuring the success of NYSERDA's data, planning, and policy functions. Such objectivity ensures that NYSERDA's reputation among stakeholders as an honest arbiter in policy deliberation and program performance is maintained at the highest possible level.

NYSERDA plays a leadership role in supporting the ongoing success of RGGI and in developing the 2015 State Energy Plan, including the development of economic analysis and modeling of energy and environmental issues. To help facilitate the transition to REV, NYSERDA's Energy and Environmental Data, Planning, and Policy investment area supports a number of critical analytical studies on topics ranging from the development of competitive markets and pricing structures, to net energy metering and potential successor tariff designs, to financial models of electric utilities of the future.

Energy-related environmental research provides the foundation for ensuring that New York State meets its clean energy goals by guiding cost-effective greenhouse gas mitigation and climate adaptation strategies. Environmental research and analysis informs State and federal energy and environmental policies. It also provides environmental accountability, examines the health and ecological co-benefits of alternative energy and technology solutions, and guides emerging energy technologies and systems. Therefore, these technologies and systems can be used to diversify New York State's sources of energy generation with needs of people and the environment in mind.



Water in Lake Placid, NY is tested for mercury. (Source: NYSERDA)

Highlighted Initiatives

NYSERDA will focus on the initiatives highlighted in this section to accomplish the following goals:

- Address unique opportunities to create public-private partnerships.
- Further leverage private sector funds.
- Develop new energy resources.
- Support job growth.
- Help the State and its communities prepare for a more resilient and sustainable future.

Community Microgrids and NY Prize

Takir Co

1.6 MW on-site combined heat and power (CHP) system at 717 5th Avenue in New York City. The first system of its kind to be interconnected to the critical midtown network grid, it will handle 60% of the building's electric usage, and 65% of its cooling and heating needs. (Source: NYSERDA)

Taking a step toward providing customers with more control and reliability in a changing utility environment,

Governor Cuomo announced NY Prize, a \$40-million competition to build community microgrids. Once installed, these clean energy systems will enable communities to maintain electricity during extreme weather events and emergencies while providing tools for customers to manage their energy use.

community leaders; encouraging broad private and public sector participation including local distribution utilities, local governments, and third parties; protecting vulnerable populations; and providing tools to build the cleaner, more reliable energy system envisioned by the REV initiative. In 2015, NYSERDA, is supporting feasibility assessments and detailed engineering and business plans of microgrid proposals. NY Prize funding will ultimately support the construction of five to seven community grid projects by 2017.

NY Prize objectives include: empowering

In addition, NYSERDA will continue to support deployment of distributed energy solutions including CHP systems that can alleviate bottlenecks in specific grid locations and be used to

provide power during electric outages at critical health and safety locations and facilities of refuge. NYSERDA will also develop and deploy energy storage systems, including integration with renewable energy and building management systems. These systems increase the resiliency of buildings by managing disruptions in the electric grid including ride-through capabilities. The systems also provide critical load flexibility that will be needed to enable the smart grid of the future. Many of these systems are expected to be critical parts of community microgrids.

Renewable Heat NY

The bulk pellet storage bin at the Wild Center Museum in Tupper Lake, NY is a re-purposed shipping container that also supports a solar-thermal hot water system. (Source: NYSERDA) Renewable Heat NY is a multi-year commitment to provide new clean energy options for consumers and help the high-efficiency and low-emission

biomass heating industry reach scale in New York State. Launched in July 2014, the program is focusing on providing supply chain and service network development, along with consumer incentives and financing, for installations of high-efficiency and low-emissions pellet stoves and boilers and advanced cordwood heating technologies.

Retirement of older inefficient systems and replacement with high-efficiency and low-emissions heating systems will result in air quality and public health improvement in localized areas, entire valley communities, and perhaps regionally. A well-trained heating system design and installation workforce along with knowledgeable energy auditors and code enforcement officers ensures properly sized and safe installations. Other objectives include development of a vibrant manufacturing base in New York with

sufficient demand to allow for investment in automation that will help to reduce up-front system costs, and creation of sufficient demand for bulk pellet fuel suppliers to drive investment in depots for storage and trucks for bulk delivery.

During 2014, NYSERDA trained over 150 heating professionals interested in becoming qualified installers and promoted the program through various marketing channels. NYSERDA also initiated research efforts to improve product development, automation, performance testing, wood fuel processing innovations, and emissions characterization. During 2015 and 2016, NYSERDA is focused on increasing the number of installations of all equipment types, continuing to track metrics on energy efficiency and emissions improvements, expanding the base of qualified installers, and promoting the bulk pellet delivery market.

150+ NYSERDA-trained heating professionals

became qualified installers in 2014 through Renewable Heat NY

NY-Sun and Community Solar NY



This 408-kilowatt (kW) roof-mounted solar electric system is expected to generate close to 500,000 kWh of electricity a year for Big Geyser, a major nonalcoholic beverage distributor in Queens, NY. Using close to 1,400 solar panels, the solar electric system will generate enough energy to meet the distribution center's annual electric demand. (Source: EmPower Solar)

NY-Sun is driving growth of the solar industry and making solar technology more affordable for all New Yorkers. Funded at nearly \$1 billion over

10 years, NY-Sun will provide long-term program certainty to solar electric system developers, attract significant private investment, enable the sustainable development of a robust solar electric (also known as photovoltaic or PV) industry in New York, create well-paying jobs, and reduce air pollution. A target of 3 gigawatts of installed solar electric capacity by 2023 has been established for this initiative.

NYSERDA's solar electric incentive programs have transitioned to a MW-block structure that reduces project incentives in transparent and predictable ways, provides certainty regarding the value of incentive to be received, and allows different incentives and block sizes in different regional markets. An additional NY-Sun incentive for low to moderate income (LMI) residential homeowners is under development. Since the initiative was launched in 2012, more than 365 MW of solar electric systems have been installed or are under contract, which is more than were installed in the entire prior decade.

Through Community Solar NY, NYSERDA will scale up solar customer aggregation models and facilitate the development of new community-driven strategies to make solar more affordable and accessible. NYSERDA supports communities that undertake Solarize campaigns, which are locally organized community outreach efforts aimed at getting a critical mass of area homes and businesses to install solar. Twenty-six Solarize campaigns have been launched in New York State. Future program activities will include Solarize and also address new potential opportunities such as pilot shared solar projects for the benefit of LMI households and others, pending the resolution of the community net-metering proceeding currently before the PSC. In addition, through K-Solar, NYSERDA and NYPA encourage schools and other institutions to serve as hubs for developing community-based models to increase purchasing power and lower installation costs for entire neighborhoods.

During 2015 and 2016, NYSERDA, in collaboration with NYPA, will continue to work to target opportunities to reduce solar electric balance-of-system costs to further drive down solar electric costs. NYSERDA will provide solar electric technical training for installers and practitioner certification and accreditation of training programs. NYSERDA will also educate and train code enforcement officers and other public officials with roles in the permitting, inspection, or approval processes for a solar electric system.

Developing Sustainable Communities

Local

Master-metered solar electric systems provide power to Mason's Ridge apartment complex in Windsor, NY. (Source: NYSERDA)

Local governments in New York State and the communities they represent have a significant impact on GHG emissions, making them important

impact on GHG emissions, making them important partners in driving clean energy adoption.

NYSERDA, in close collaboration with NYPA and other State agencies, will work with and through local governments, communities, and trusted local implementation partners to establish a unified approach to address the opportunity. A newly created New York State Community Partnership (NYSCP) will provide access to clean energy solutions that resonate with local leaders based on the impact certain

actions have on economic development, GHG emissions reductions and energy cost savings, as well as locally identified priorities and needs. By working closely with local partners and market actors, the NYSCP will leverage whole-community involvement in clean energy deployment, scaling the penetration of cost-effective and high impact energy action across the State.

In 2015 and 2016, NYSERDA will support new pilot strategies for community action and work with the NYSCP and through trusted local partners to offer municipalities and communities the support framework, policy expertise, matchmaking, technical assistance, and knowledge that they need to take advantage of resources and to execute projects. Constituency-based organizations will continue to play an important role to assure that community residents, particularly low-income households, are able to participate in clean energy programs.

In addition, a third round of the Cleaner, Greener Communities program, in 2015, will add new projects and initiatives to the growing list of strategies that communities can undertake as they strive for a sustainable future. Communities will continue to align their strategies with the priorities of their Regional Economic Development Councils, ensuring a collaborative effort to improve the quality of life in our neighborhoods, making communities more prosperous, and making New York State more economically vibrant.

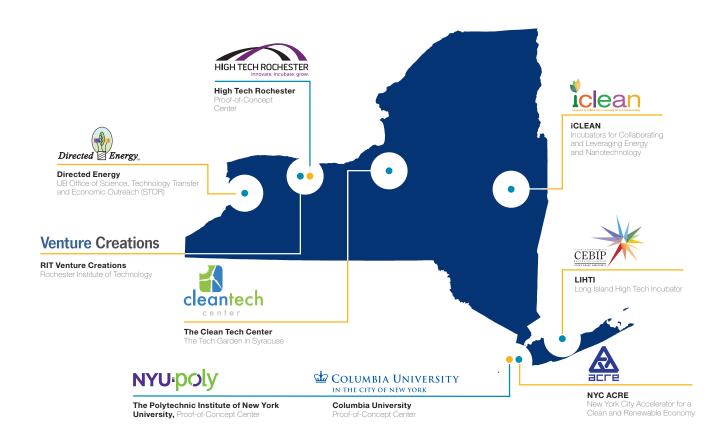


Cleantech Support

In his 2015 State of the State address, Governor Cuomo announced a new initiative to advance and accelerate the progress that New York State has made in the clean energy technology space. **76West**, a \$20 million clean energy business competition, will take advantage of the Southern Tier region's abundant natural resources, burgeoning advanced manufacturing sector, leading research and tech-transfer capabilities, and business training and mentoring programs already in place. The competition is expected to attract promising investment and innovative ideas from around the world to the region. Entrepreneurs and companies will present their ideas and compete for funding, technical assistance, business development support, and other services to help turn their proposals into successful ventures. The long term goal of 76West is to make the Southern Tier one of New York State's primary sources of clean energy innovation.

In addition, NYSERDA will continue to support a robust statewide clean energy innovation ecosystem that helps to identify and commercialize technologies with the greatest potential for creating successful clean energy businesses. Three **Proof-of-Concept Centers** have been established to foster the commercialization of clean energy innovations being developed at New York State's research institutions and accelerate their entry into the marketplace — at New York University in partnership with the City University of New York; PowerBridgeNY at Columbia University in partnership with SUNY Stony Brook, Cornell NYC Tech, and Brookhaven National Lab; and NEXUS-NY at High Tech Rochester working with companies throughout Upstate.

The innovation ecosystem also includes six **Clean Energy Business Incubators** across New York State that assist established companies by providing ready access to investors, development partners, mentors, and service providers. Client and graduate companies of NYSERDA-sponsored incubators have raised a combined \$163.8 million in private capital and \$72.5 million in public (non-NYSERDA) funding since 2010. NYSERDA's **Entrepreneurs-in-Residence** program provides coaching to inexperienced entrepreneurs to significantly increase the likelihood of success.



NYSERDA will play a key role in advancing the goals of REV primarily through the CEF.

Funding

NYSERDA uses numerous funding sources to advance State energy goals and achieve its mission. NYSERDA strives to invest these funds in a manner that maximizes benefits to New Yorkers, fills critical gaps, and addresses the needs of its customers. **Funding sources include:**

Clean Energy Fund (CEF)

Focused on energy technology and market development, energy efficiency, and renewable energy, the CEF represents the next evolution of State programs. This funding is proposed, pending a decision by the PSC³. A Commission order is expected in this proceeding in fall 2015. The CEF is comprised of 4 portfolios: Market Development, Innovation and Research, NY-Sun, and NY Green Bank.

System Benefits Charge / Technology & Market Development (SBC/T&MD)⁴

Focused on energy technology and market development. These funds are approved by the PSC and derived from an assessment on retail sales of electricity by New York State utilities. In October 2011, the PSC authorized the SBC/T&MD portfolio from 2012 through 2016. The final year will be subsumed by the CEF if approved by the PSC. Subsequent Orders in 2012 and 2013 added funds to the SBC/T&MD Portfolio.

System Benefits Charge / Energy Efficiency Portfolio Standard (SBC/EEPS)4

Focused on acquiring energy efficiency savings and helping New York achieve its energy efficiency targets. These funds are approved by the PSC and derived from an assessment on the intrastate sales of electricity and gas by New York State utilities. In October 2011, the PSC authorized SBC/EEPS from 2012 through 2015.

Renewable Portfolio Standard (RPS)4

Focused on acquiring renewable energy and/or renewable energy attributes and helping New York State achieve its RPS target. These funds are approved by the PSC under various Orders and derived from an assessment on the intrastate sales of electricity by New York State utilities.

Regional Greenhouse Gas Initiative (RGGI)

Focused on energy efficiency, renewable energy, and carbon abatement projects in New York State. These funds are derived from sale of carbon emission allowances as set forth in 6 NYCRR Part 242 and 21 NYCRR Part 507. The amount of revenues available is dependent on the auction prices for the allowances, which are variable.

Monthly Adjustment Charge (MAC; for Con Edison customers only)

Focused on acquiring energy efficiency, demand reduction, and Combined Heat and Power to support the Indian Point Energy Center (IPEC) demand management program. Funds are approved by the PSC and derived from an assessment on delivery of electricity by Con Edison. In November 2013, the PSC authorized funding through June 2016. Funding will be collected from ratepayers on a deferred basis for 10 years.

Clean Air Interstate Rule (CAIR)

Focused on developing energy storage technology in New York State. It is part of the Energy Efficiency and Renewable Energy provisions in New York State regulations that implement the federal CAIR program. These funds are derived from sale of nitrogen oxide emission allowances as set forth in 6 New York Code of Rules and Regulations Parts 243 and 244. The funds are non-recurring and regulatory uncertainty regarding the replacement of CAIR with successor regulations makes it unclear if future funds will be available.

³ Case 14-M-0094, Proceeding on the Motion of the Commission to consider a Clean Energy Fund. Clean Energy Fund Information Supplement, Submitted by NYSERDA June 25, 2015

⁴ The CEF budget in Table 1 reflects current and projected uncommitted EEPS, RPS, and T&MD funding.

Statutory

Focused on energy technology development and demonstration and energy planning. These funds are derived from an assessment on the intrastate sales of gas and electricity by New York State utilities and collected by DPS pursuant to Section 18-A of the Public Service Law.

Federal

Support for a range of energy-related activities. These funds are derived through formula grants from U.S. DOE, competitive grants, and as flow-down funds through other State agencies. Includes funds that come to New York State for Superstorm Sandy relief and restoration efforts.

Other Funds

Includes other sources of funds provided by various sponsors used for specific purposes. All of these public funds are leveraged considerably with private sector funding through NYSERDA programs.

The following financial data represent funds available for commitment as of April 1, 2015, from all sources. The CEF funding for Fiscal Years (FY) 2016/2017 and 2017/2018 is pending a decision on the CEF from the PSC.

Reflecting the manner in which available funds are currently allocated, Figure 5 illustrates how NYSERDA resources are applied to the program portfolios, Table 1 shows the funding sources that provide the resources. This representation again underscores NYSERDA's focus on the deployment of commercially available technology into the marketplace, with 69 percent of projected encumbrances directed toward this objective. Clean Energy Financing accounts for 21 percent of funding, and Technology Innovation and Business Development activities account for about 9 percent of NYSERDA's projected funding. Program activities in Energy & Environmental Data, Planning and Policy comprise the balance of the funding portfolio.

CLEAN ENERGY -ENERGY & ENVIRONMENTAL DATA, FINANCING **PLANNING, AND POLICY** (\$437 M) (\$28 M) 21% 1% TOTAL TECHNOLOGY-**FUNDING** AND BUSINESS **AMOUNT** INNOVATION (\$192 M) (\$2,131 M) 9% MARKET DEVELOPMENT (\$1,474 M) 69%

FIGURE 5. FUNDING AS APPLIED TO INVESTMENT AREAS 2015-2018 (\$ MILLIONS)

Note: Figure does not include funds for Program Administration, Evaluation, NYS State Cost Recovery Fee, West Valley, or STEP®. Totals may not sum exactly due to rounding.

TABLE 1. FUNDING AS APPLIED TO THE INVESTMENT AREAS1

	Market Development	Technology and Business Innovation	Clean Energy Financing	Energy and Environmental Data, Planning and Policy	Total
CEF	\$ 1,305,918,537	\$ 129,036,985	\$305,452,000	\$ 11,555,007	\$ 1,751,962,528
RGGI ²	\$ 72,743,446	\$ 5,745,005	\$ 131,560,000 ³	\$ 1,198,914	\$ 211,247,365
CAIR		\$ 456,170			\$ 456,170
MAC	\$ 73,466,142				\$ 73,466,142
Other	\$ 6,678,678	\$ 18,816,993		\$ 981,807	\$ 26,477,478
Federal Grants ⁴	\$ 2,455,792	\$ 23,032,474		\$ 266,891	\$ 25,755,158
Statutory	\$ 12,521,000	\$ 15,348,779		\$ 14,011,471	\$ 41,881,249
Total	\$1,473,783,595	\$192,436,405	\$437,012,000	\$ 28,014,090	\$ 2,131,246,091

- 1 The funding in Table 1 is consistent with NYSERDA's CEF Information Supplement (filed 6/25/15), for the timeframe presented herein, except that the funding above does not include administrative, evaluation, or cost recovery fee funds.
- 2 The planning horizon for the 2015 RGGI Operating Plan is one year (FY 15/16) because it is difficult to reliably estimate proceeds levels three years into the future due to market volatility, the uncertain impact of potential market speculation related to Federal carbon regulations, and because the anticipated future leveraging of RGGI proceeds with proposed CEF activities is still under development. Under the CEF, it is anticipated that \$25 million of RGGI funds, per calendar year, will leverage the CEF. This funding is reflected in the Market Development CEF funding shown in table 1.
- 3 The RGGI funding includes \$27 million in net funds for Green Jobs Green New York loans to be issued through March 2016.
- 4 Federal Grants and other funds are primarily comprised of funding from the constellation settlement for NY Prize and various grants for transportation.

Operational Performance Management and Priorities

NYSERDA has been focused on forging a more customer-friendly approach to its operations. In 2014, NYSERDA initiated a concerted effort to revamp the way it does business to be:

- Responsive to partners and customers.
- Easy to navigate.
- Streamlined and technology-enabled.

Over the past year, NYSERDA has overhauled systems to respond to the needs of customers and the market, optimize cost effectiveness, better manage risk, and drive ongoing performance improvements across a breadth of programs. Representative examples include:

- Applications for residential solar, NYSERDA's highest volume program, are now approved with a purchase order issued within three days, down from an average of 28 days in early 2014.
- Contract approvals for NYSERDA's Home Performance with ENERGY STAR® program now typically occur on the same day, down from an average of 13 days in early 2014.
- An application by a homeowner to receive a free energy assessment can now be completed online, and by a typical homeowner in less than five minutes.
- The process for approving projects in NYSERDA's New Construction Program has been trimmed by 50 days (138 to 88 days) with additional improvements to come.
- 17 points of entry for NYSERDA's Commercial Programs have been consolidated into one landing page, reducing confusion for customers.

- Procurement responses are now received electronically rather than 100% through mail or in-person drop-offs.
- Electronic contracting and incentive letters have started to roll out.
- A redesigned website launched including an updated and modernized design, more customer-centered navigation, compatibility with mobile devices and tablets, and integration of social media tools.
- Data for more than the 30,000 solar projects in New York were released and are updated regularly on the Open NY open data platform.
- Staff have undergone training on new checklists, responsibilities, and procedures for contract reviews and approvals that eliminate redundant reviews, reinforce accountability, and improve controls.

Over the upcoming planning period, NYSERDA will continue to advance operations improvements throughout the Authority and across its customer base in order to:

- Expand the impact of existing programs.
- Enable new programs.
- Improve customer and partner interfaces.
- Reduce cycle times.

- Streamline internal workflow.
- Support robust reporting.
- Manage risk.
- Reduce cost.

Acronyms and Abbreviations

CEF	Clean Energy Fund	NO_{χ}	nitrogen oxides	
CEO	Chief Executive Officer	NY	New York	
CHP	combined heat and power	NYC	New York City	
CO ₂	carbon dioxide	NYPA	New York Power Authority	
DEC	New York State Department	NYS	New York State	
	of Environmental Conservation	NYSCP	New York State Community Partnership	
DER	distributed energy resource	NYSERDA	New York State Energy Research and Development Authority	
DOE	United States Department of Energy			
DOT	New York State Department	OSW	offshore wind	
	of Transportation	PAL	Public Authority Law	
DPS	New York State Department of Public Service	PSC	New York State Public Service Commission	
EEPS	Energy Efficiency Portfolio Standard	PV	photovoltaic (also known as solar electric)	
EPA	United States Environmental	R&D	research and development	
	Protection Agency	REV	Reforming the Energy Vision	
FY	fiscal year	RGGI	Regional Greenhouse Gas Initiative	
GHG	greenhouse gas	RPS	Renewable Portfolio Standard	
GSP	gross state product	SBC	System Benefits Charge	
kW	kilowatt	SO ₂	sulfur dioxide	
kWh	kilowatt hour	SO _x	sulfur oxides	
LMI	low to moderate income	TBtu	one trillion British thermal units	
MMBtu	one million British thermal units	TCI	Transportation and Climate Initiative	
MW	megawatt	UL	Underwriters Laboratories	
MWh	megawatt hour	U.S.	United States	

NYSERDA will continue to explore new approaches to advance innovation in technology, finance, and energy business models.



State of New York

Andrew M. Cuomo, Governor

New York State Energy Research and Development Authority

Richard L. Kauffman, Chair | John B. Rhodes, President and CEO