



**NYSERDA**

**KATHY HOCHUL**  
Governor

**RICHARD L. KAUFFMAN**  
Chair

**DOREEN M. HARRIS**  
President and CEO

**NOTICE OF MEETING AND AGENDA**

January 17, 2024

TO THE MEMBERS OF THE NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY:

PLEASE TAKE NOTICE that a regular meeting the (265<sup>th</sup>) meeting of the New York State Energy Research and Development Authority (“Authority”) will be held at the NY Green Bank Office located at 1333 Broadway, New York, New York, and at 17 Columbia Circle, Albany, New York, on Wednesday, January 24, 2024, commencing at 1:30 p.m., for the following purposes:

**I. *Discussion Agenda***

1. To receive a report from the Authority’s President and CEO.
2. To consider and act upon a resolution commending Frances Resheske.
3. To consider and act upon a resolution to enter into executive session for the purpose of discussing the employment history of a particular person and in private session to discuss attorney-client privileged matters.
4. To consider and act upon a resolution approving the Authority’s FY 2024-2025 Budget.
5. To receive a report from the Program Planning Committee and to consider and act upon resolutions approving revisions to the plan entitled *Operating Plan for Investments in New York Under the CO<sub>2</sub> Budget Trading Program and the CO<sub>2</sub> Allowance Auction Program*.
6. To receive a report from the Waste and Facilities Management Committee.
7. To receive a report from the Audit and Finance Committee.
8. To receive a follow-up report on the proposed rulemaking for 21 New York Codes, Rules and Regulations Part 510, Cost Effectiveness of Energy Code Updates.
9. To receive a program report.

---

**New York State Energy Research and Development Authority**

**Albany**  
17 Columbia Circle, Albany, NY 12203-6399  
(P) 1-866-NYSERDA | (F) 518-862-1091  
nyserda.ny.gov | info@nyserda.ny.gov

**Buffalo**  
726 Exchange Street  
Suite 821  
Buffalo, NY  
14210-1484  
(P) 716-842-1522  
(F) 716-842-0156

**New York City**  
1359 Broadway  
19th Floor  
New York, NY  
10018-7842  
(P) 212-971-5342  
(F) 518-862-1091

**West Valley Site  
Management Program**  
9030-B Route 219  
West Valley, NY  
14171-9500  
(P) 716-942-9960  
(F) 716-942-9961

## **II. *Consent Agenda***

1. To consider and act upon a resolution approving:
  - a. the periodic contracts report.

## **III. *To transact such other business as may properly come before the meeting.***

Members of the public may attend the meeting at any of the above locations or via the video conference which can be accessed at <https://www.nyserda.ny.gov/About/Board-Governance/Board-and-Committee-Meetings>.

The Authority will be posting a video and a transcript of the meeting to the web as soon as practicable after the meeting. The video and transcript will be posted at <http://www.nyserda.ny.gov/About/Board-Governance/Board-and-Committee-Meetings>.

A handwritten signature in blue ink that reads "Peter Costello". The signature is written in a cursive, flowing style.

Peter J. Costello  
Secretary

**PRESIDENT & CEO REPORT**  
**(Oral Report)**

## Resolution Honoring Frances Resheske

WHEREAS, Frances Resheske served with distinction as a Member of the New York State Energy Research and Development Authority for two years, including two years as a member of the Audit and Finance Committee, the Governance Committee, and the Program Planning Committee; and

WHEREAS, Member Resheske's tenure was marked by a constant and reliable dedication to furthering the mission of the Authority and efforts to maximize the environmental, energy, and economic benefits to the People of the State of New York; and

WHEREAS, Member Resheske's leadership and insight were instrumental in improving the Authority's financial and programmatic transparency and performance; and

WHEREAS, the Members of the Authority, assembled on this twenty-fourth day of January, two thousand twenty-four, have unanimously voted to commend Member Resheske for their distinguished service to the People of the State of New York and their contributions to the Authority and to memorialize that commendation;

NOW, THEREFORE, the Members of the New York State Energy Research and Development Authority commend Frances Resheske, and express their deepest appreciation and respect for their dedicated and distinguished service on behalf of the Authority.

---

Richard L. Kauffman, NYSERDA Chair

Resolution No. \_\_\_\_

RESOLVED, that pursuant to Section 105 of the Public Officers Law, the Members of the New York State Energy Research and Development Authority shall convene in executive session on January 24, 2024 for the purpose of discussing the employment history of a particular person; and

RESOLVED, that pursuant to Section 108 of the Public Officers Law, the Members shall convene in private session on January 24, 2024 for the purpose of discussing attorney-client privileged matters.

**DRAFT**

New York State Energy Research and Development Authority

Fiscal Year 2025 Budget and Financial Plan

## Table of Contents

<u>Page</u>	
1	Certification
2	Fiscal Year 2025 Budget at a Glance
3	Introduction
4	Program Summary
7	Budgetary Assumptions
10	Budgetary Risks
12	Fiscal Year 2025 Budget Summary
13	Fiscal Year 2025 Budget By Function/Programs
14-16	Reconciliation of Budget Changes
17	Fiscal Year 2025 Budget Sources and Uses
18-19	Fiscal Year 2025 Budget Comparison
20	Budget Detail Schedule: Salaries and Benefits
21	Budget Detail Schedule: Program Expenditures
22	Budget Detail Schedule: Program Operating Costs
23	Budget Detail Schedule: General & Administrative Expenses
24	Budget Detail Schedule: Capital Budget
25	Budget Detail Schedule: Debt Schedule
26	Fiscal Year 2025 Financial Plan
27	Fiscal Year 2025 Cash-Based Budget

**DRAFT**  
CERTIFICATION

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, 2025, has been developed based on reasonable assumptions and methods of estimation.

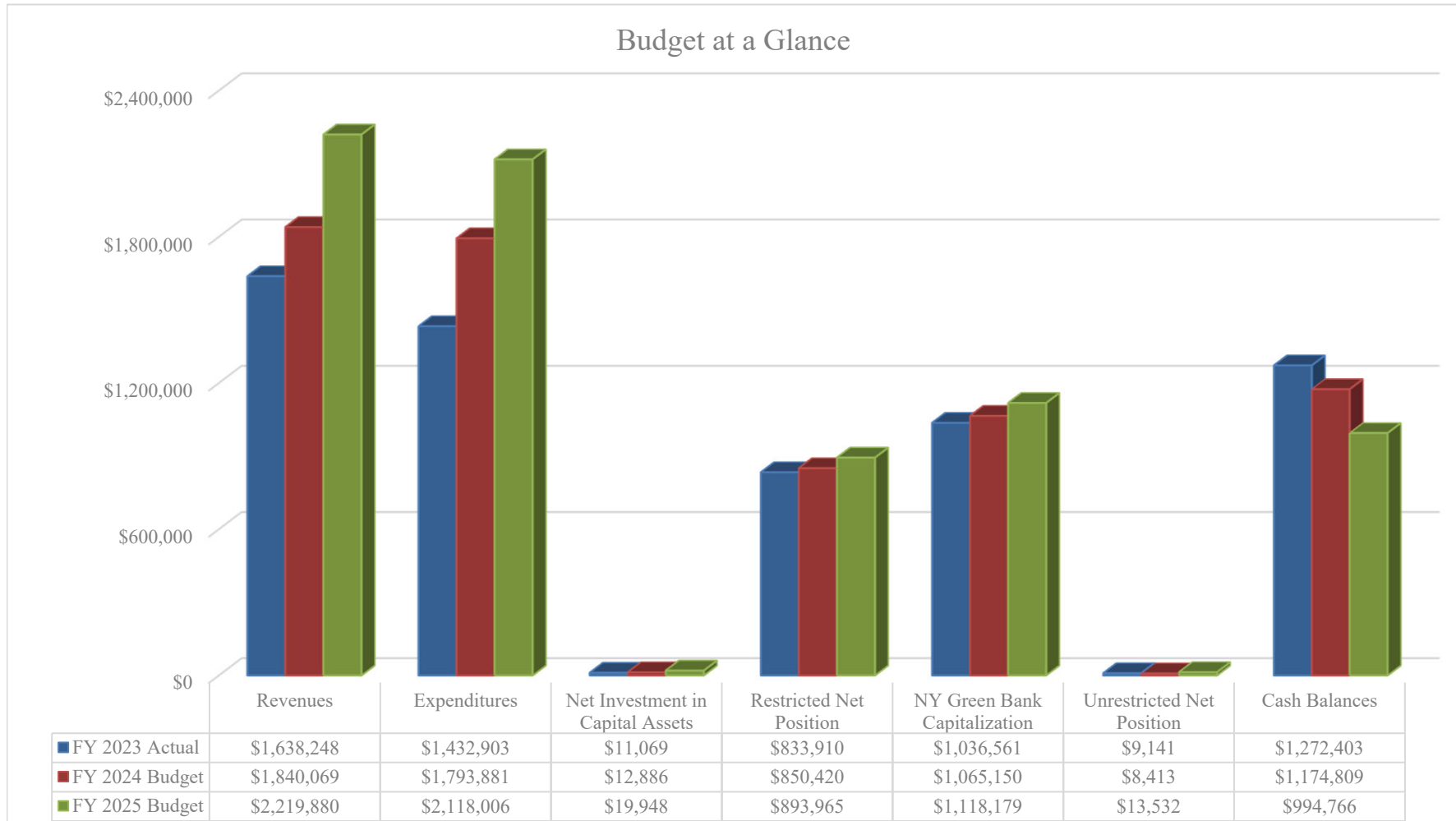
Doreen M. Harris  
President and Chief Executive Officer

Pamela C. Poisson  
Chief Financial Officer



# Budget FY 2025

(Amounts in Thousands)



## **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. NYSEDA is a component unit of the State of New York and, as such, the results of operations are reported in the State of New York's Comprehensive Annual Financial Report. The mission of NYSEDA is to advance clean energy innovation and investments to help mitigate climate change, improving the health, resiliency, and prosperity of New Yorkers and delivering benefits equitably to all.

New York has set a course to create new job opportunities, support healthier communities, and ensure that all New Yorkers will benefit from investments in the State's growing green economy. As the State pursues programs that advance energy efficient and renewable technologies and builds local markets that provide energy consumers with greater choice for energy services, New York is building a stronger and cleaner economy.

Supporting this, NYSEDA plays a key role in implementing the State's nation-leading clean energy and climate policies, programs and actions, working to deliver a cleaner, healthier, and more prosperous future for all New Yorkers. With the enactment of the Climate Leadership and Community Protection Act (CLCPA) in 2019, and the final Scoping Plan now providing a supporting framework to realize the goals called out therein, NYS is progressing well toward achievement of CLCPA goals. Future milestones to which we are working include attaining a 100% zero-emission electricity sector by 2040, eliminating 85% greenhouse gas emissions from the state's economy by 2050, and delivering a minimum of 35% (with a goal of 40%) of investments in this work to benefit disadvantaged communities.

NYSERDA consistently prepares plans and budgets with the intent to utilize all funding it receives prudently and in the interest of the public. NYSEDA's budget processes build on sound fiscal policy and aim to be responsive, collaborative, innovative, and transparent. In alignment with state guidance amidst a backdrop of global geopolitical tension, severe weather events, and heightened climate and energy security risk, NYSEDA's budget for the coming fiscal year takes into account the need to be fiscally ready for unforeseen events, includes focused technology investments to streamline and automate processes for improved efficiency, and reinforces our commitment to skill-building and equitable compensation to boost effectiveness while better attracting and retaining talent with the expertise needed for the road ahead. Above all, NYSEDA is committed to public service, striving to be a model of what taxpayers want their government to be: efficient, effective, flexible, and responsive. This commitment keeps NYSEDA's programs focused on delivering real and measurable results for New Yorkers.

The Budget for the fiscal year ending March 31, 2025 (FY 2025), and the Financial Plan for FY's 2026 to 2028 were prepared in accordance with accounting principles generally accepted in the United States of America. Note that the Budget incorporates work scope and funding from the 2022 Environmental Bond Act as well as recently finalized federal formula grants. Given the prospect of potential additional federal funding sources through the Inflation Reduction Act, Infrastructure Act, and Chips and Science Act, NYSEDA is actively monitoring federal opportunity notices and has been applying for those that efficiently support attainment of NYS goals and help stretch state funds further. If/as those materialize, a revised budget will be provided to our Board and stakeholders for consideration.

## **PROGRAM SUMMARY**

In fulfilling its mission, NYSEDA maintains a dual focus: advancing clean energy innovation and investments to help mitigate climate change and ensuring the core safety and security of NYS' energy supply. NYSEDA programs focused on the former are funded through a combination of vehicles primarily including the PSC-approved Clean Energy Fund (CEF) and Clean Energy Standard (CES) suite of programs, Regional Greenhouse Gas Initiative (RGGI) allowance auction proceeds which are used to complement and amplify those PSC programs, and certain related grants. These programs allow investments to advance renewable energy, update and decarbonize the state's buildings and vehicles, cultivate business opportunities and jobs for New Yorkers, and help communities stay resilient. A share of the budget is funded by direct state appropriations, which are a critical component of the NYSEDA budget to help ensure energy resilience, reliability, and public safety.

Following is a summary of the major functions/activities included in the Budget, listed by primary funding source:

### **Clean Energy Fund (CEF)**

Pursuant to a January 2016 Order (CEF Order) and subsequent Orders, the Public Service Commission (PSC) authorized a ten-year commitment through 2025 of approximately \$5.322 billion to clean energy programs through a CEF. The CEF is designed to meet four primary objectives: greenhouse gas emission reductions; energy affordability; statewide penetration and scale of energy efficiency and clean energy generation; and growth in the State's clean energy economy. Building on this, the Climate Leadership and Community Protection Act (Climate Act) passed by NYS in 2019 calls for the state to invest or direct resources to ensure that disadvantaged communities receive at least 35 percent, with the goal of 40 percent, of overall benefits of spending on clean energy and energy efficiency programs, as well as projects or investments in housing, workforce development, pollution reduction, low-income energy assistance, energy, transportation, and economic development.

The original CEF Order ten-year funding authorized \$3.43 billion for Market Development and Innovation & Research activities, \$781.5 million to establish a NY Green Bank, and \$960.6 million for the NY-Sun program to catalyze solar energy growth.<sup>1</sup> Since that time, the state has set expanded goals, such as upshifting from the original solar energy target to the current goal of 10,000 MW of Distributed Solar by 2030, with corresponding additional funding commitments. Total funding for the CEF and its respective portfolios remains at \$7.64 billion.

### **Market Development and Innovation & Research**

The CEF Market Development activities are designed to reduce costs, accelerate customer demand, and increase private investment for energy efficiency and other behind-the-meter clean energy solutions. The Market Development program provides critical support to improve NYS' built environment, fostering energy affordability through efficiency measures and reducing harmful emissions to support public health. Strategies include financial support, technical knowledge, data-sharing, education to customers and service providers, and advanced workforce training. The CEF Innovation & Research activities are designed to invest in promising emerging technologies to help meet increasing demand for clean energy including: smart grid technology, renewables and

---

<sup>1</sup> *It also provided \$150 million for the Renewable Portfolio Standard Program for a 2016 "Main Tier" solicitation for renewable energy procurement; such efforts have since been rolled under the Clean Energy Standard program discussed below.*

distributed energy resources, high performance buildings, transportation, and clean tech startup and innovation development.

### **NY-Sun**

Pursuant to a 2012 Order and subsequent Orders, the NY-Sun program is designed to develop a sustainable and ultimately subsidy-free solar electric industry through a megawatt block approach. The CEF Order established the incremental collection schedule by utilities and reallocation of NYSERDA clean energy uncommitted funds to support program activities approved through the 2012 Order. A May 2020 Order was approved by the PSC to increase the NY-Sun funding level by \$573 million to expand the capacity target from 3 GW by 2023 to 6 GW by 2025. In April 2022, the PSC approved an Order expanding the NY-Sun installation target of the NY-Sun Program from 6 GW to 10 GW of distributed solar generation projects by 2030, and its funding level by approximately \$1.474 billion. The budget presented herein reflects funding from the aforementioned orders.

### **NY Green Bank**

The key elements of NY Green Bank's mission are collaborating 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 clean energy advantages per public dollar spent for the benefit of all New Yorkers.

As noted in its published annual plan and impact reports, the Green Bank also plays an important role demonstrating the attractiveness and viability of investments into projects benefiting the State's Disadvantaged Communities. This includes a \$250 million [Community Decarbonization Fund](#) (CDF) launched in 2023 to provide low-cost capital for local sustainable infrastructure projects including building electrification, energy efficiency, clean energy generation, and resiliency.

NY Green Bank's initial capitalization was established from \$315.6 million in uncommitted utility surcharge assessment funds and RGGI allowance auction revenues. As discussed above, the CEF Order, and a subsequent Order authorized incremental collections for the remaining \$631.5 million of NY Green Bank's capitalization. NY Green Bank became fully capitalized in April 2021.

### **Clean Energy Standard (CES)**

Pursuant to an August 2016 and subsequent Orders, the Clean Energy Standard was established adopting a State Energy Plan goal that 50% of New York's electricity is to be generated by renewable sources by 2030, as part of a strategy to reduce statewide greenhouse gas emissions by 40% by 2030. In October 2020 the PSC approved an Order adopting modifications to the CES to implement New York's CLCPA, including an expanded goal to ensure that by 2030 70% of the state's electricity load is served by renewable resources. The mandated actions supporting this goal are divided into two categories, a Renewable Energy Standard (RES) and a Zero-Emissions Credit (ZEC) requirement.

The RES directs NYSERDA to procure renewable energy credits from renewable energy generation from qualifying facilities through competitively selected long-term contracts, and to offer such credits for periodic sale to Load Serving Entities (LSE) to meet their obligations to serve their retail customers through the procurement of a minimum percentage of qualifying renewable

energy credits. The RES also includes an obligation on distribution utilities on behalf of all retail customers to continue to invest in the maintenance of existing at-risk renewable generation attributes and a program to maximize the value potential of new offshore wind resources.

The ZEC requirement consists of an obligation for NYSERDA to provide payments to certain nuclear generation facilities for the production of zero-emissions attributes from such facilities, funded from monthly installment payments collected from LSEs for their proportionate share of such attributes to serve their retail customers evidenced by the procurement of qualifying zero emission credits.

In support of clean energy goals, the PSC-approved CES Orders have enabled “Tier 1” solicitations for new renewable energy development, a competitive “Tier 2” program to ensure the continued availability of legacy baseline resources to meet the State’s renewable energy goals, and a competitive “Tier 4” program to increase penetration of renewable energy and reduce reliance on fossil fuels in New York City. The orders also supported the creation of NYSERDA’s Build Ready program to facilitate the competitive development of renewable generation at existing or abandoned commercial sites, brownfields, landfills, former industrial sites, and other abandoned or underutilized sites. Finally, the Orders support the continuation of periodic offshore wind solicitations to achieve the statewide goal of 9,000 megawatts of offshore wind energy developed by 2035.

Port Infrastructure: Pursuant to the FY 2022 and FY 2023 enacted State Budgets, New York State has committed to investing a total of \$700 million in offshore wind port infrastructure to leverage and strengthen private investment and maximize long-term economic benefits to the State. Anticipated expenditures and offsetting State Appropriation revenues associated with this investment have been included in the Budget and Financial Plan. Given inflation, interest rates, and permitting considerations, it is possible some of these expenditures could be deferred to a future time period.

### **Regional Greenhouse Gas Initiative (RGGI)**

The Regional Greenhouse Gas Initiative, or RGGI, is an agreement among twelve 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 in consultation with stakeholder advisory group to administer energy efficiency, renewable energy, and/or innovative carbon abatement programs, including reasonable costs to administer such programs.

### **State Energy Resilience, Reliability, and Safety**

#### **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 and the Federal government share the combined expenses incurred for this program.

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.

#### 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, and for managing certain state fuel reserves. These activities are primarily funded through an assessment authorized under Section 18-a of Public Service Law and a Federal State Energy Program (SEP) grant.

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.

#### Other

Other programs represent an aggregate of smaller programs/functions as well as special, non-recurring NYS funding for specific initiatives. These activities are primarily funded through Commission Orders, Memoranda of Understanding with various utilities pursuant to Commission Orders, various third-party reimbursements, federal energy grants, State appropriations, including appropriations for the 2022 Bond Act, and assessments authorized under Section 18-a of the Public Service Law.

### **BUDGETARY ASSUMPTIONS**

The following are the principal budget assumptions used in developing the Budget and Financial Plan:

- Collection of funding for the CEF programs will be according to the “Bill-As-You-Go” approach effective January 1, 2016, as per the CEF Order. Under this approach, incremental CEF ratepayer collections will be held by the electric and gas utilities and used to reimburse NYSERDA for actual CEF program expenses provided that the reimbursement allows NYSERDA to maintain a sufficient cash balance based on projected expenses for the subsequent two-month period, subject to the utilities’ unremitted collection balances approved in the CEF Order. Utility surcharge assessment revenue is based on anticipated expenditures, prior fiscal year projected cash balances, and the resulting collections projected to maintain working capital pursuant to this approach. The change in expenditures from year to year will have a direct relationship to the amount of Utility surcharge assessments required to be collected by the utilities pursuant to the BAYG Order but does not change the overall assessment of the ratepayer.

- CES Financial Backstop Collection Process. In the Order Approving Administrative Cost Recovery, Standardized Agreements and Backstop Principles issued and effective November 17, 2016, the Commission directed that the electric distribution customers of the electric distribution companies (EDCs) serve as a financial backstop to ensure that NYSERDA has sufficient funds to make timely payments to generators. In collaboration with the EDCs, on July 1, 2021, NYSERDA filed a proposed CES Backstop Collection process. In June 2023, the Commission approved the financial backstop collection; in which the Order directed NYSERDA to invoice the EDCs quarterly, in four equal amounts, commencing December 15, 2023, with payments due within 30 days. Based on the timing of the approved Order it's anticipated that NYSERDA will receive \$8.3 million in FY 2024 and the remaining \$24.97 million in backstop revenues during FY 2025.
- CES Tier-1 Index REC Structure. In a January 16, 2020, Order modifying the Tier-1 Renewable Procurements, the PSC directed NYSERDA to include additional options for bidders to offer an Index REC price starting with the 2020 solicitation. In an October 15, 2020, Order, the PSC also authorized NYSERDA to offer existing Tier-1 renewable energy projects in development and not yet operational a voluntary conversion to the Index REC structure. NYSERDA's analysis indicates this shift is likely to result in cost benefits to ratepayers including REC pricing benefits in comparison to Fixed-Price REC contracts. Besides reduced costs, an Index Rec structure will likely have other ancillary benefits for ratepayers, such as reduced financing costs and a reduction in volatility of their energy bills. Staff have formulated several cost scenarios ranging from low case to high case price forecasts. A mid-range base case scenario has been used in projecting Tier-1 REC costs and revenues. The related assumptions and methodology used in the FY 2025 budget have been reviewed by an independent consulting firm.
- Allowance auction proceeds for the Regional Greenhouse Gas Initiative (RGGI) are based on an indicative price derived from the average of the prices realized in the 10 auctions up to and including the September 2023 auction, applied to the number of allowances projected to be allocated to NYS in the coming fiscal year.
- West Valley's State appropriation revenue for FY 2025 through FY 2028 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 \$93.4 million for FY 2025 through FY 2028, for its share of project costs.
- Interest income is calculated based on forecasted average investment balances by fund, with budgeted rates of return ranging from 4.0% to 4.5%, based on the estimated cash balances, the outlook for overall market rates, risk profiles associated with the various funds, and the permitted investment types, which consist of cash equivalent and short-term fixed income instruments authorized by Department of Taxation & Finance, Division of Treasury acting as the Fiscal Agent to NYSERDA.
- NY Green Bank loan interest and fees are based on estimates of committed and deployed capital. NY Green Bank financial solutions are set to align with prevailing market conditions and standards and are grounded in an analysis of comparable transactions when available and supplemented by the experience and professional judgement of the NY Green Bank team.

- GJGNY budgeted loan interest income assumes additional loans to be issued during FY 2025 of up to \$52.0 million based on current loan origination volume. Debt service amounts reflect scheduled principal and interest expense payments based on each series' outstanding principal balance and rate of interest.
- Federal Funding as reflected in the budget is based on anticipated reimbursable expenditures of existing formula and competitive based grants. NYSERDA has also included federal funding from the Federal Inflation Reduction Act of 2022, to leverage and enhance our most critical efforts and topline mission outcomes and goals. It's anticipated that NYSERDA will also administer additional federal funds from the Federal Infrastructure Investment and Jobs Act, the Inflation Reduction Act of 2022, and the CHIPS and Science Act. Some federal grants require state cost share. To avoid missing key time-bounded federal funding opportunities that provide important leverage to state efforts, NYSERDA has proactively included in this budget a reasonable set aside of RGGI funds to cover anticipated cost-share requirements.
- New York State Bond Act: On November 8, 2022, the voters of New York State passed the \$4.2 billion Clean Water, Clean Air and Green Jobs Environmental Bond Act. The Bond Act will support various environmental capital improvements and enhancements throughout New York State. NYSERDA will directly manage \$100 million of the Green Buildings funding and \$400 million of the Zero Emissions School Bus program funding. Anticipated expenditures and offsetting State Appropriation revenues have been included in the budget and financial plan.
- On November 1, 2023, NYSERDA filed a petition with the PSC for the Building Electrification/Energy Efficiency (BE/EE) programs for 2026-2030 in response to the July 2023 Public Service Commission Order. The petition is a reaffirmation of NYSERDA's role in administering statewide programs to deliver clean and resilient, energy efficient, electrified or electrification-ready buildings, continuing and evolving our work in areas such as workforce development, technical assistance and audits, codes and standards, demonstration projects, and consumer awareness and education. If approved, funding will become available in FY 2026. Since the petition will not be approved prior to the adoption of this budget no amounts have been included for FY 2025, however program expenditure estimates have been included in the three-year financial plan (FY 2026-2028).
- In December 2022 NYSERDA filed a petition in response to the Governor's 2022 State of the State Energy Storage Roadmap announcement that charts a pathway to achieving an expanded storage to six gigawatts by 2030. The petition proposes a comprehensive set of recommendations to expand New York's energy storage programs to cost-effectively unlock the rapid growth of renewable energy across the State and bolster grid reliability and customer resilience. The petition remains before the PSC for approval. If approved, the roadmap will support a buildout of storage deployments estimated to reduce projected future statewide electric system costs by nearly \$2 billion, in addition to further benefits in the form of improved public health as a result of reduced exposure to harmful fossil fuel pollutants. Since the petition remains unapproved, no amounts have been included for FY 2025, however program expenditure estimates have been included in the three-year financial plan (FY 2026-2028).
- Saratoga Technology + Energy Park (STEP): In 2017, management determined that land development, leasing, and maintenance of STEP was outside of NYSERDA's core mission



and as a result a 2017 resolution to dispose of STEP was approved by the Board. After some long-term planning, in the fall of 2021 NYSERDA had placed the STEP facility on the market for disposition. The Board resolution provided that the net proceeds from the sale or sales of real and personal property located at Saratoga Technology + Energy Park shall be redirected to mission aligned Authority programs and initiatives and that such redirection of net proceeds furthers the public interest in safe, reliable and economical energy supplies. On November 21, 2023, NYSERDA sold two parcels of at the STEP property, 10 and 30 Hermes Road, consisting of approximately 20+/- acres. The proceeds from the sale will be recorded in FY 2024 and used pursuant to the board resolution. The timing of disposition for the remaining parcels is unknown and as a result no assumptions for disposition have been incorporated in the budget.

- Salary and benefits: Given the ambitious agenda with which we are charged, we have carefully assessed our projected work scope and identified the human capital needed to successfully advance the goals established by the CLCPA and recently approved Scoping Plan. Based on that assessment, and given recent Public Service Commission Orders, anticipated NYS Bond Act appropriations, the approved RGGI operating plan, and other approved work scope and funding, this budget reflects an assumed average employee headcount of approximately 494 FTE's. The compensation budget reflects anticipated salary and fringe expenses for current staff and funded vacant positions, as follows:
  - Salaries are benchmarked to the State Management/Confidential (M/C) employee salary grades. Salaries include an anticipated 3% cost-of-living-adjustment (COLA) to be effective April 1, 2024, pending authorization by the State. The salary budget also includes a placeholder for performance-based salary increases and payments comparable to those which may be authorized for state employees.
  - Fringe benefit costs are generally based on prior year actual costs as a percentage of salary costs. NYSERDA's actual annual pension expense is based on an actuarial calculation and is dependent upon multiple conditions and assumptions as of the last day of the applicable fiscal year. Given past volatility in the market, the budget is based on an average of the past ten years' pension expense. The OPEB (health care plan) expense under Governmental Accounting Standards Board Statement No. 75 is based on preliminary actuarial estimates calculated, but the final amount may differ once a final actuarial calculation is prepared.
- 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. The Budget assumes that NYSERDA's assessment will be \$12.7 million, which is based on the prior year assessed value.
- 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 the coming fiscal year that have not been included in the Budget. NYSERDA's programs can be impacted by a number of factors including, but not limited to, general economic conditions, energy prices, energy reliability, energy technology advancements, and climate change impacts.

- Program expenditures for most programs are funded with revenues which are generally received in advance of those 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 in part, by unexpended revenues from prior fiscal periods.
- NYSERDA has developed a multi-year program planning approach for The Regional Greenhouse Gas Initiative (RGGI) revenues, but variations in actual proceeds realized makes it challenging to complete accurate long-term planning. Given that uncertainty, we take a conservative stance in projecting future auction proceeds and have also pre-identified several priority initiatives that could be readily added for high positive program impact should auction proceeds trend higher than what our budget estimates reflect.
- CES Tier-1 Indexed Rec revenues: Several ranges of possibilities were modeled using future price data with implied volatility scenarios and the most probable base case scenario is being incorporated in the budget and financial plan. These revenues may vary depending on future energy prices, future capacity prices, and the quantity of megawatts produced. The program is designed for NYSERDA to recover its costs through the quarterly sale of REC's to LSEs to satisfy their Tier 1 compliance obligations. Any shortfalls created through these sales will be fully recovered through the CES financial backstop collection process.
- 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 decisions for several significant facilities will not be finalized prior to 2025. In addition, DOE has taken the position that the State will be responsible for waste disposal fees when high level waste on-site reaches an ultimate repository destination, a figure to be calculated at the time of disposal pursuant to the Nuclear Waste Policy Act, 42 U.S.C. 10101 et seq. The agreement between the parties left this issue unresolved, as no national repository option will be in place for many years. Although NYSERDA has advanced, and will continue to advance, legal arguments as to why this responsibility is not one that rightfully falls on the State, additional State funding may be required once the issue is resolved.
- Pension costs and retirement health insurance costs are based on actuarial valuations, and such valuations could be impacted by a number of assumptions, general economic conditions, and future events which could lead to variances from estimated annual expenses.

NYSERDA  
 Budget FY 2025  
 (Amounts in thousands)

	<b>Budget FY 2025</b>	<b>Budget FY 2024</b>
<b><u>Revenues:</u></b>		
State appropriations		
Offshore wind port development	\$ 241,568	-
NYS Bond Act	53,737	-
EmPower	100,000	100,000
Other	30,050	34,211
Total State Appropriations	425,355	134,211
Utility surcharge assessments	743,156	735,606
Renewable energy credit proceeds	54,726	56,002
Zero emission credit payments	508,625	509,008
Clean energy standard backstop charge	24,972	8,324
Allowance auction proceeds	236,091	237,518
Third party reimbursement	54,952	50,743
Federal grants	38,718	13,781
Interest subsidy	164	211
Project repayments	325	293
Rentals from leases	1,215	1,011
Fees and other income	12,187	7,294
Loan interest	66,164	36,263
Interest income	53,230	49,804
Total Revenues	2,219,880	1,840,069
<b><u>Expenses:</u></b>		
Salaries and benefits		
Salaries	68,867	62,896
Benefits	25,344	27,251
Salaries and benefits	94,211	90,147
Program expenditures		
Clean Energy Fund	367,921	373,608
NY-Sun	259,382	263,455
Clean Energy Standard - Tiers 1,2,4,OREC	68,785	69,492
Clean Energy Standard - Tier 3 (ZEC)	504,750	504,581
Clean Energy Standard - Port Development	240,000	-
Regional Greenhouse Gas Initiative	173,545	124,733
Other	360,145	324,191
Program expenditures	1,974,528	1,660,060
Investment related expenses	1,517	1,040
Program operating costs	5,350	5,010
General & administrative expenses	22,984	18,294
Depreciation	2,088	2,288
NYS Assessments	13,594	13,594
Bond interest and fees	3,734	3,448
Total Expenses	2,118,006	1,793,881
<b>Net (expense) revenue and change in net position</b>	101,874	46,188
<b>Net position beginning of year</b>	1,943,750	1,890,681
<b><u>Net position end of year:</u></b>		
Restricted for specific programs	893,965	850,420
NY Green Bank Capitalization	1,118,179	1,065,150
Net Investment in Capital Assets	19,948	12,886
Unrestricted	13,532	8,413
Total net position end of year	\$ 2,045,624	1,936,869

FY 2025 beginning net position has been updated to reflect actuals; FY 2024 activity may vary from budgeted revenues and expenses as displayed.

See pages 14-16 for explanations of budget changes.

NYSERDA  
 Budget FY 2025  
 (Amounts in thousands)

<b>Functions/Programs</b>										
	Market Development / Innovation & Research	NY Green Bank	NY-Sun	Clean Energy Standard	RGGI	Energy & Environmental Analysis	West Valley	Other	<b>Budget FY 2025</b>	Budget FY 2024
Net position, beginning of year	\$ 68,580	1,065,150	45,060	46,090	401,026	2,978	192	314,674	<b>1,943,750</b>	<b>1,890,681</b>
<u>Revenues:</u>										
State appropriations	-	-	-	241,568	4,100	150	25,800	153,737	<b>425,355</b>	134,211
Utility surcharge assessments	362,001	-	261,882	17,016	-	18,322	-	83,935	<b>743,156</b>	735,606
Renewable energy credit proceeds	-	-	-	54,726	-	-	-	-	<b>54,726</b>	56,002
Zero emission credit payments	-	-	-	508,625	-	-	-	-	<b>508,625</b>	509,008
Clean energy standard backstop charge	-	-	-	24,972	-	-	-	-	<b>24,972</b>	8,324
Allowance auction proceeds	-	-	-	-	236,091	-	-	-	<b>236,091</b>	237,518
Third party reimbursement	17,000	-	-	-	-	-	2,465	35,487	<b>54,952</b>	50,743
Federal grants	-	-	-	-	-	3,506	-	35,212	<b>38,718</b>	13,781
Interest subsidy	-	-	-	-	-	-	-	164	<b>164</b>	211
Project repayments	-	-	-	-	-	-	-	325	<b>325</b>	293
Rentals from leases	-	-	-	-	-	-	-	1,215	<b>1,215</b>	1,011
Fees and other income	-	5,600	-	6,400	-	-	-	187	<b>12,187</b>	7,294
Loan interest	-	57,730	-	-	-	-	-	8,434	<b>66,164</b>	36,263
Interest income	3,145	10,040	2,170	7,326	19,542	-	-	11,007	<b>53,230</b>	49,804
Total Revenues	<b>382,146</b>	<b>73,370</b>	<b>264,052</b>	<b>860,633</b>	<b>259,733</b>	<b>21,978</b>	<b>28,265</b>	<b>329,703</b>	<b>2,219,880</b>	<b>1,840,069</b>
<u>Expenses:</u>										
Salaries and benefits	27,194	12,710	2,850	12,903	13,067	10,214	2,918	12,355	<b>94,211</b>	90,147
Program expenditures	367,921	450	259,382	827,658	173,545	8,004	24,219	313,349	<b>1,974,528</b>	1,660,060
Investment related expenses	-	1,517	-	-	-	-	-	-	<b>1,517</b>	1,040
Program operating costs	352	2,254	132	551	134	964	170	793	<b>5,350</b>	5,010
General & administrative expenses	6,634	3,082	695	3,152	3,190	2,493	718	3,020	<b>22,984</b>	18,294
Depreciation	444	196	115	255	203	159	57	659	<b>2,088</b>	2,288
NYS Assessments	2,630	132	1,719	5,515	1,241	143	183	2,031	<b>13,594</b>	13,594
Bond interest and fees	-	-	-	-	-	-	-	3,734	<b>3,734</b>	3,448
Total Expenses	<b>405,175</b>	<b>20,341</b>	<b>264,893</b>	<b>850,034</b>	<b>191,380</b>	<b>21,977</b>	<b>28,265</b>	<b>335,941</b>	<b>2,118,006</b>	<b>1,793,881</b>
Net sources / (uses) of net position other than transfers	(23,029)	53,029	(841)	10,599	68,353	1	-	(6,238)	<b>101,874</b>	46,188
Inter-program transfers	22,000	-	-	-	(36,301)	-	-	14,301	-	-
Net Investment in Capital Assets	(22)	-	(70)	(54)	-	-	(11)	7,219	<b>7,062</b>	1,815
<u>Net Position End of Year:</u>										
Restricted for specific programs	67,551	-	44,219	56,688	433,078	2,979	17	289,432	<b>893,965</b>	850,420
NY Green Bank Capitalization	-	1,118,179	-	-	-	-	-	-	<b>1,118,179</b>	1,065,150
Net Investment in Capital Assets	-	-	-	1	-	-	175	19,772	<b>19,948</b>	12,886
Unrestricted	-	-	-	-	-	-	-	13,532	<b>13,532</b>	8,413
Net position end of year	<b>\$ 67,551</b>	<b>1,118,179</b>	<b>44,219</b>	<b>56,689</b>	<b>433,078</b>	<b>2,979</b>	<b>192</b>	<b>322,737</b>	<b>2,045,624</b>	<b>1,936,869</b>

**NYSERDA  
FY 2025 Budget**

**Reconciliation of Budget Changes**

	<b>Actual FY 2023</b>	<b>Budget FY 2024</b>	<b>Change</b>	<b>Budget FY 2025</b>	<b>Explanation for change</b>
<b>Revenues:</b>					
<b>State appropriations</b>					
Clean Energy Standard (Port Development)	-	-	241,568	241,568	Reflects reimbursement of anticipated reimbursable expenditures for the offshore wind port infrastructure development initiative.
NYS Bond Act	-	3,151	50,587	53,737	Reflects reimbursement of anticipated spending for the School Bus Electrification and Green Buildings programs under the newly approved 2022 NYS Bond Act.
EmPower+ Program	-	100,000	-	100,000	Reflects reimbursement funding for year two of FY 2023-24 \$200 million appropriation, anticipated to be split over two years.
West Valley	15,257	25,800	-	25,800	Reflects reimbursement of NYSERDA's share of federal and state spending at West Valley which is expected to increase.
RGGI	182	5,110	(1,010)	4,100	Reflects reimbursement for a slight decrease in anticipated expenditures under the RGGI Cleaner Greener Community program (repayment of the FY 13-14 transfer of \$25 million to the State General Fund).
Energy & Environmental Analysis - Low-Level Radioactive Waste	142	150	-	150	(No change)
Other - Energy and Environmental projects	1,083	-	-	-	(No change)
<b>Total State appropriations</b>	<b>16,664</b>	<b>134,211</b>	<b>291,144</b>	<b>425,355</b>	
<b>Utility surcharge assessments</b>					
Market Development/ Innovation & Research	276,977	350,235	11,766	362,001	Reflects an increase in anticipated expenditures resulting from the implementation of an increase in approved program initiatives. Revenues for these reimbursable expenditures and appropriate working capital balances are collected under the "Bill-As-You-Go" (BAYG) funding approach.
NY-Sun	189,527	244,270	17,612	261,882	These BAYG revenues reflect an increase in anticipated program expenditures based on project completion dates and timing of incentive payments.
RPS/SBC/Other	29,555	32,949	(12,220)	20,729	Decrease reflects lower anticipated expenditures collected via BAYG, due to the wind down and closure of the legacy RPS program.
Energy Storage	12,880	27,088	(4,224)	22,864	Decrease reflects revised program spending which is based upon updated project completion dates.
EV Prize	4,085	23,724	(6,285)	17,439	These BAYG revenues reflect a decrease in anticipated program expenditures based on timing of incentive payments under the Clean Transportation Prize program.
18-a funding	22,875	28,725	-	28,725	(No change)
Build Ready	2,509	16,116	900	17,016	Reflects an increase in anticipated program expenditures based on project completion dates and timing of certain developed sites.
Electric Generation Cessation Mitigation	24,939	12,500	-	12,500	(No change)
<b>Total Utility surcharge assessments</b>	<b>563,347</b>	<b>735,606</b>	<b>7,550</b>	<b>743,156</b>	
Renewable energy credit proceeds	31,730	56,002	(1,276)	54,726	Primarily reflects an increase in Tier One proceeds due to greater production of RECs resulting from more facilities becoming operational.
Zero emission credit assessments	590,031	509,008	(383)	508,625	Slight decrease in assessment is based on program forecasted prices applied to the maximum generation allowed under the current compliance period. Updated prices will be approved by the Public Service Commission after the adoption of this budget. Such prices may vary from estimate, and if determined to be material, a mid-year budget update will be presented to the Board for approval. Since ZEC revenues and expenditures are closely correlated any such pricing update should have minimal impact on net revenue.
ZEC Backstop Charge	-	8,324	16,648	24,972	Funding reflects the anticipated collection of electric distribution companies' payments to support the Clean Energy Standard ZEC program's accumulated deficit pursuant to the November 2016 and June 2023 Orders authoring the collection process.
Allowance auction proceeds	279,363	237,518	(1,427)	236,091	Reflects an increase in the anticipated auction allowance price with a slight reduction in the number of allowances to be offered consistent with the FY 24-25 RGGI Operating Plan. The allowance price is an average based on the last ten auction results through September 2023 plus inflationary assumptions.
Third party reimbursements	53,624	50,743	4,209	54,952	Reflects an increase in funding to be received from the "New Efficiency New York" initiative and from the Office of Temporary & Disability Assistance to help support the Empower Plus program.

**NYSERDA  
FY 2025 Budget**

<b>Reconciliation of Budget Changes</b>	<b>Actual FY 2023</b>	<b>Budget FY 2024</b>	<b>Change</b>	<b>Budget FY 2025</b>	<b>Explanation for change</b>
Federal grants	13,494	13,781	24,937	38,718	Reflects an increase in federal grant spending for two residential home rebate programs funded through the Inflation Reduction Act, offset in part by a decrease in anticipated NYS Department of Transportation Congestion Mitigation Air Quality grant spending.
Interest subsidy	258	211	(47)	164	Primarily due to a lower outstanding principal balance on the 2013 Energy Efficiency Financing Revenue Bonds generating less interest expense qualifying for the subsidy.
Project repayments	419	293	32	325	(Minor change)
Rentals from leases	1,292	1,011	204	1,215	(Minor change)
Fees and other income					
NY Green Bank	5,667	4,100	1,500	5,600	Reflects a slight increase in estimated NY Green Bank closing and undrawn fees.
Clean Energy Standard/Build Ready	7,783	3,000	3,400	6,400	Increase represents the collection of an anticipated development fee for the auction of the first Build Ready solar project that is advancing both the State's Accelerated Renewable Energy Growth and Community and Benefit Act and the 70 x 30 goal under the Climate Leadership and Community Protection Act.
Annual Bond Fees/Other	196	194	(7)	187	(Minor change)
<b>Total Fees and other income</b>	<b>13,646</b>	<b>7,294</b>	<b>4,893</b>	<b>12,187</b>	
Loan interest - NY Green Bank	34,701	28,200	29,530	57,730	Reflects an increase in anticipated loan activity including an increase in base rates underlying variable interest rate loans.
Loan interest - GJGNY/Other	8,256	8,063	371	8,434	Reflects a slight increase loan interest income based on anticipated loan activity.
<b>Total Loan interest</b>	<b>42,957</b>	<b>36,263</b>	<b>29,901</b>	<b>66,164</b>	
Interest income	30,503	49,804	3,426	53,230	Increase reflects slightly higher cash balances available for investment and slightly higher weighted average investment yields than compared to the prior year. Yields were derived from an asset allocation study that modeled a set of risks and returns for varying asset pools with varying maturity dates.
Loss on sale of Loans and Financing Receivables	920	-	-	-	(No change)
<b>Total Revenues</b>	<b>1,638,248</b>	<b>1,840,069</b>	<b>379,812</b>	<b>2,219,880</b>	
<b>Expenses:</b>					
Salaries	51,008	62,896	5,971	68,867	Anticipated salary expense reflects higher costs due to increased staffing needs consistent with NYSERDA's growing work-scope and complexity needed to deliver on Climate Leadership and Community Protection Act (CLCPA) goals. Salaries also include a 3% COLA and performance-based pay adjustments predicated on state approval of similar awards for NYS employees.
Benefits	14,068	27,251	(1,907)	25,344	Anticipated fringe benefits reflect higher health premiums costs based on the increased staffing & market trends and compensated absence balances, offset in part by lower projected pension costs which is based on an average of the past ten year's pension expense.
<b>Salaries and Benefits</b>	<b>65,076</b>	<b>90,147</b>	<b>4,064</b>	<b>94,211</b>	
<b>Program expenditures</b>					
Market Development/ Innovation & Research	292,599	373,608	(5,687)	367,921	Reflects an overall decrease in anticipated program activity resulting from the timing of completed project and milestone events.
NY-Sun	189,308	263,455	(4,073)	259,382	Reflects a decrease in anticipated expenditures based on project completion dates and timing of incentive payments.
Clean Energy Standard - Tiers 1, 2, 4, & OREC	22,124	65,167	3,618	68,785	Reflects an increase in anticipated purchases of renewable energy credits under the Tier One State-mandated compliance program resulting from more facilities coming on line.
Clean Energy Standard - ZEC	583,188	504,581	169	504,750	(Minor change)
Regional Greenhouse Gas Initiative	80,306	124,683	48,862	173,545	Reflects an increase in anticipated expenditures based on amounts included in the FY 24-25 RGGI Operating Plan.
Other Programs	110,185	99,684	36,324	136,008	Primarily reflects increased spending for two residential home rebate programs funded by the Inflation Reduction Act.
Offshore Wind Port Development	-	-	240,000	240,000	Reflects the anticipated investment and spending under the offshore wind port infrastructure development initiative.
EmPower Plus	-	99,229	1,271	100,500	Reflects a slight increase in spending under the two year \$200 million State budget appropriation.
Energy Storage	11,980	42,700	(18,204)	24,496	Reflects lower anticipated expenditures due to revised projections of project completion dates.
NY Bond Act	-	29,250	20,500	49,750	Anticipated spending for the School Bus Electrification and Green Buildings programs under the 2022 NYS Bond Act initiative.

**NYSERDA  
FY 2025 Budget**

**Reconciliation of Budget Changes**

	<b>Actual FY 2023</b>	<b>Budget FY 2024</b>	<b>Change</b>	<b>Budget FY 2025</b>	<b>Explanation for change</b>
Volkswagen	15,200	26,230	(9,558)	16,672	Reflects a decrease in anticipated expenditures under the Volkswagen settlement programs.
West Valley	14,543	24,123	96	24,219	Reflects a slight increase in anticipated program expenditures for NYSERDA's share of federal and state spending at West Valley.
Energy & Environmental Analysis	7,190	7,350	1,150	8,500	Reflects a minor increase in analytical study and modeling costs.
<b>Total Program Expenditures</b>	<b>1,326,623</b>	<b>1,660,060</b>	<b>314,468</b>	<b>1,974,528</b>	
Investment related expenses - NY Green Bank	812	1,040	477	1,517	Represents an increase in estimated non-reimbursed investment related costs including the Community Decarbonization Fund * initiative where such expenses are anticipated to be capped for borrowers.
Program operating costs	3,655	5,010	340	5,350	Primarily reflects an increase in anticipated temporary staff services to support the increased work scope to meet CLCPA goals.
General & administrative expenses	11,913	18,294	4,690	22,984	Reflects higher investment in technology solutions and temporary staff services to efficiently support growing program needs and professional development to build staff skills and expertise in priority focus areas.
Depreciation	7,644	2,288	(200)	2,088	Reflects a decrease in projected depreciation on existing capital assets which is offset in part from planned additions in FY 24-25.
NYS Assessments	13,594	13,594	-	13,594	(No change)
Bond interest and fees	3,586	3,448	286	3,734	Increase reflects scheduled interest expense payments based on higher aggregate outstanding principal balances, principally due to the recently issued 2023 Residential Solar and Energy Efficiency Financing Green Revenue Bonds.
<b>Total Expenses</b>	<b>1,432,903</b>	<b>1,793,881</b>	<b>324,126</b>	<b>2,118,006</b>	
Net (expense) revenue and change in net position	205,345	46,188	55,686	101,874	
Net position beginning of year	1,685,336	1,890,681	53,069	1,943,750	
Net position end of year:					
Restricted for specific programs	833,910	850,420	43,545	893,965	Reflects the cumulative effect of restricted program revenues exceeding program expenditures. Net increase is primarily due to RGGI revenues exceeding expenditures.
NY Green Bank Capitalization	1,036,561	1,065,150	53,029	1,118,179	Reflects the net effect of all undrawn capital, deployed capital, matured/recycled capital, and a cumulative result of revenues exceeding expenditures.
Net Investment in Capital Assets	11,069	12,886	7,062	19,948	Reflects anticipated asset purchases less depreciation.
Unrestricted	9,141	8,413	5,119	13,532	Primarily due to the substantial increase in interest earnings on investments.
<b>Total net position end of year</b>	<b>1,890,681</b>	<b>1,936,869</b>	<b>108,755</b>	<b>2,045,624</b>	

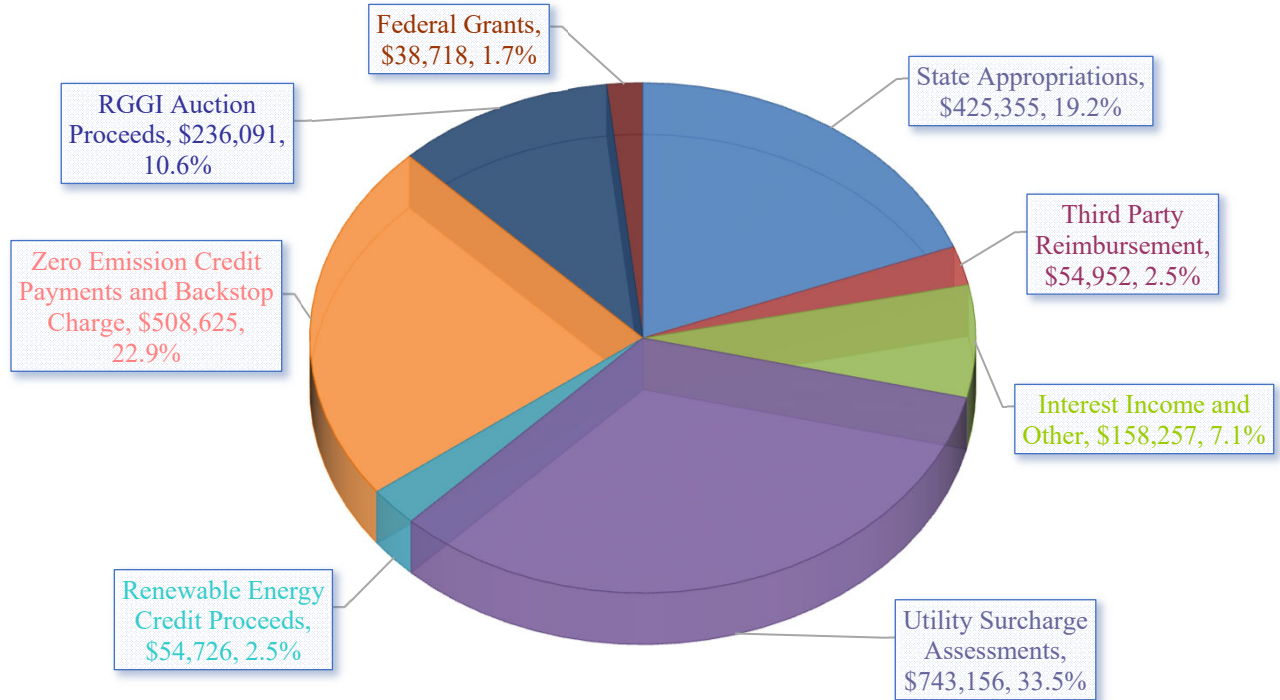
\* The Community Decarbonization Fund is a NY Green Bank initiative that provides low-cost capital to affordable housing and/or disadvantaged community serving projects.

Certain amounts for FY 2023 and FY 2024 have been reclassified to conform with the FY 2025 Budget presentation and for the recent implementation of two Governmental Accounting Standards Board (GASB) pronouncements - GASB 87 and 96.

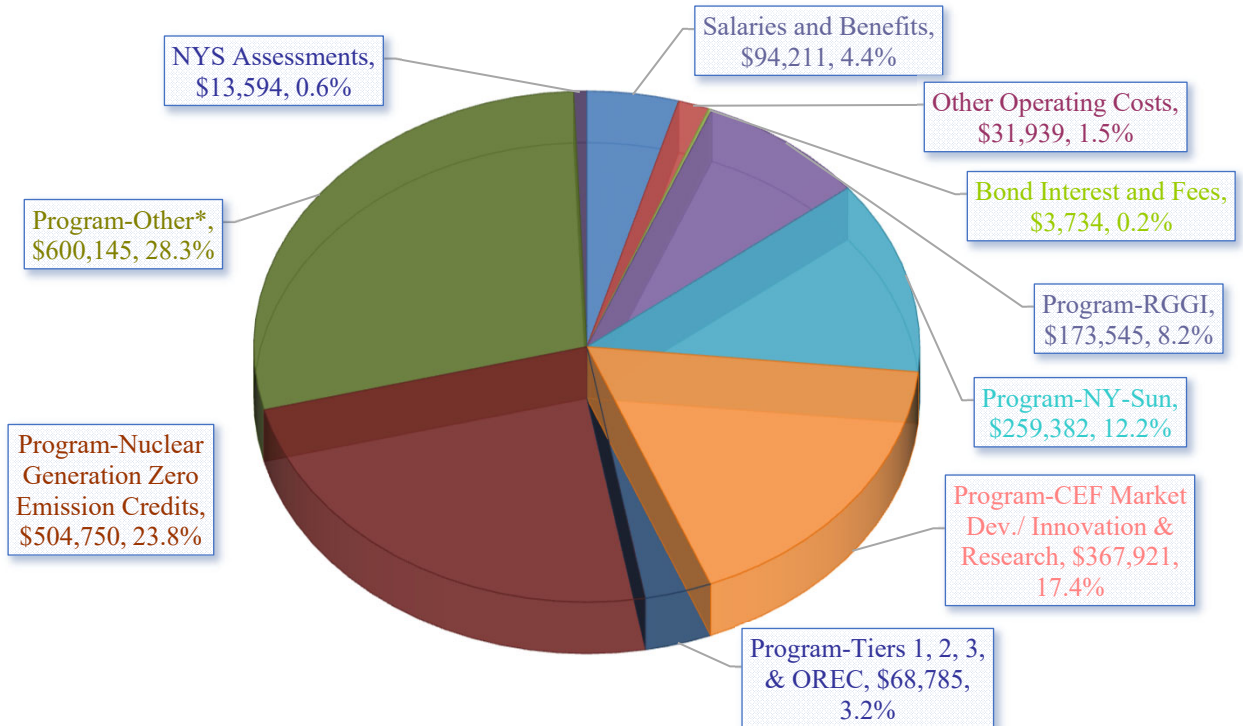
# Budget FY 2025

(Amounts in Thousands)

## Source of Funds



## Use of Funds

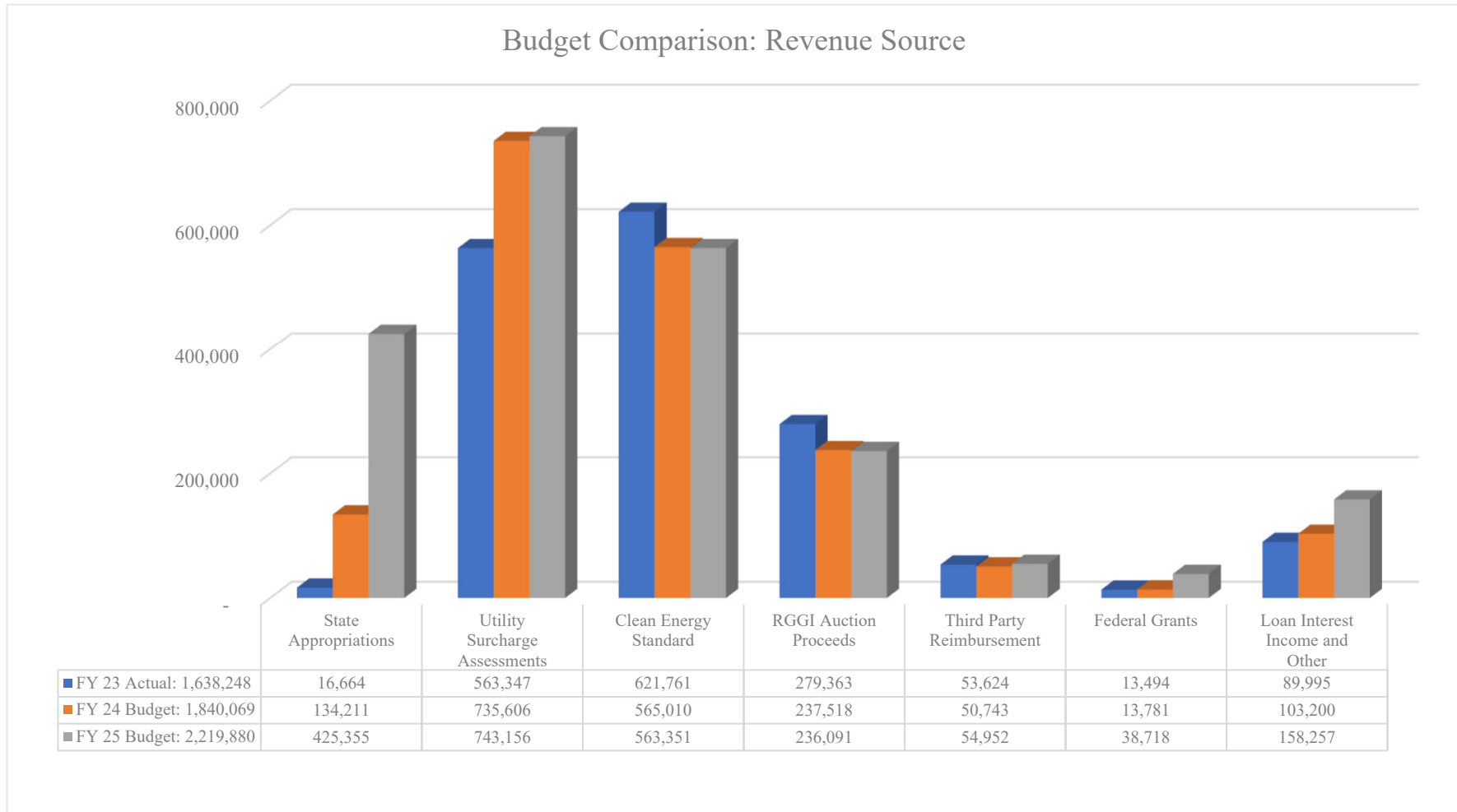


\*Program-Other represent an aggregate of additional programs/functions not discretely presented. These activities are primarily funded through Commission Orders, Memoranda of Understanding with various utilities pursuant to Commission Orders, State Appropriations, various third-party reimbursements, and federal energy grants.



# Budget FY 2025

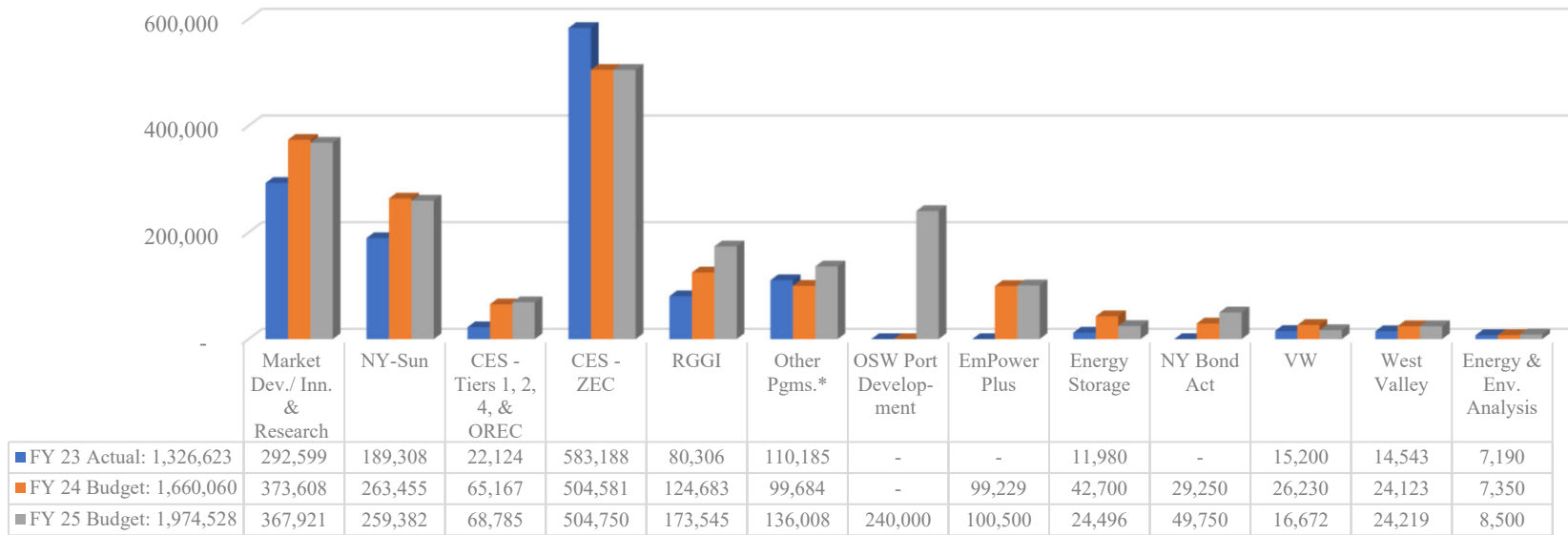
(Amounts in Thousands)



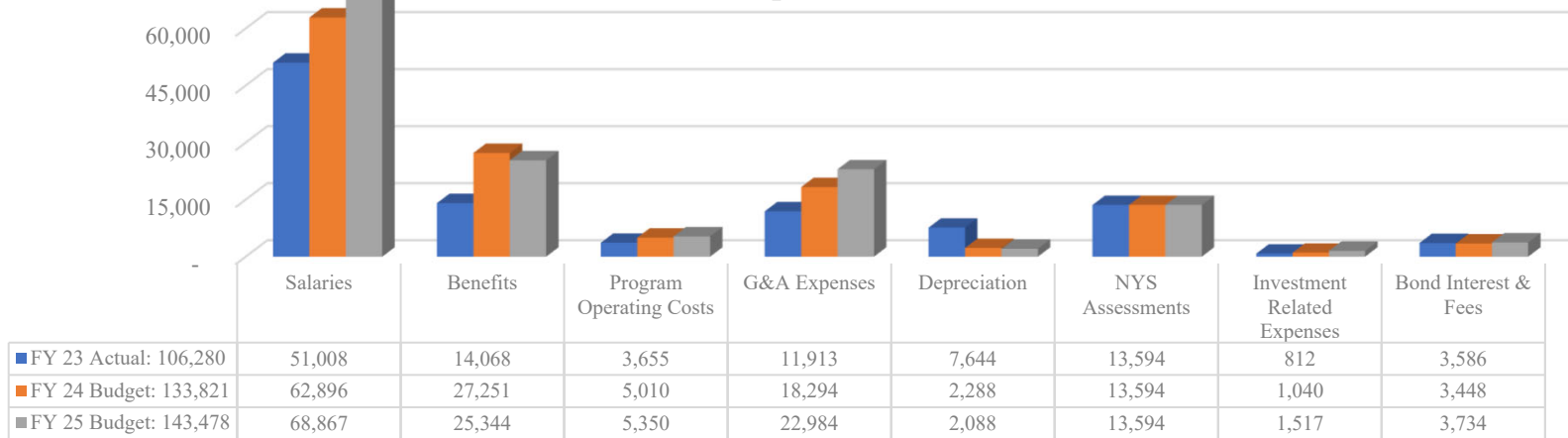
# Budget FY 2025

(Amounts in Thousands)

## Program Expenditure



## Other Expenditures



\* Other Programs represent an aggregate of additional programs/functions not discretely presented. These activities are primarily funded through Commission Orders, Memoranda of Understanding with various utilities pursuant to Commission Orders, State Appropriations, various third-party reimbursements, and federal energy grants.

NYSERDA FY 2025 Budget  
 Detail schedule: Salaries and benefits  
 (Amounts in thousands)

	<u>Actual</u> <u>FY 2023</u>	<u>Budget</u> <u>FY 2024</u>	<u>Change</u>	<u>Budget</u> <u>FY 2025</u>
<b>Salaries</b>	51,008	62,896	5,971	68,867
<b>Fringe Benefits:</b>				
Health insurance	5,841	6,932	822	7,754
Social Security/Medicare taxes	3,704	4,491	427	4,918
Voluntary Defined Contribution Plan	1,399	1,612	254	1,866
Compensated absence leave accruals	1,965	2,532	77	2,609
Other employee benefits	599	725	70	795
Postemployment health insurance (GASB 75)	524	2,701	1	2,702
Pension	36	8,258	(3,558)	4,700
sub-total benefits	<u>14,068</u>	<u>27,251</u>	<u>(1,907)</u>	<u>25,344</u>
Percentage of Salaries	27.6%	43.3%	-31.9%	36.8%
 Total Salaries and Benefits	 <u>65,076</u>	 <u>90,147</u>	 <u>4,064</u>	 <u>94,211</u>

NYSERDA FY 2025 Budget  
 Detail schedule: Program Expenditures  
 (Amounts in thousands)

<u>Function/Program</u>	<u>Budget FY 2025</u>	<u>Financial Plan FY 2026</u>	<u>Financial Plan FY 2027</u>	<u>Financial Plan FY 2028</u>
Market Development/ Innovation & Research	367,921	386,219	319,096	223,828
NY-Sun	259,382	240,651	242,417	289,192
Clean Energy Standard - Tiers 1, 2, 4, & OREC	68,785	137,298	698,393	1,505,560
Clean Energy Standard - ZEC	504,750	529,713	529,713	529,713
Regional Greenhouse Gas Initiative	173,545	212,465	196,722	129,177
Other Programs	136,008	246,253	291,266	439,774
Offshore Wind Port Development	240,000	175,000	90,000	20,000
EmPower Plus	100,500	-	-	-
Energy Storage	24,496	41,743	54,540	26,967
NY Bond Act	49,750	69,000	151,250	167,250
Volkswagen	16,672	20,050	2,885	985
West Valley	24,219	23,751	23,647	23,544
Energy & Environmental Analysis	8,500	9,000	9,000	9,150
Total	1,974,528	2,091,143	2,608,929	3,365,140

\* Other Programs represent an aggregate of additional programs/functions not discretely presented. These activities are primarily funded through Commission Orders, Memoranda of Understanding with various utilities pursuant to Commission Orders, State Appropriations, various third-party reimbursements, and federal energy grants.

NYSERDA FY 2025 Budget  
 Detail schedule: Program Operating Costs  
 (Amounts in thousands)

	<b>Actuals</b>	<b>Budget</b>		<b>Budget</b>
	<b><u>FY 2023</u></b>	<b><u>FY 2024</u></b>	<b><u>Change</u></b>	<b><u>FY 2025</u></b>
Temporary Staffing, Outside Technical Reviewer	697	685	335	1,020
Computer Services and Software	124	279	150	429
Office Supplies, Equipment Rental, and Other	354	351	123	474
Training, Recruitment & Relocation	90	118	55	173
Travel and Outreach Costs	396	878	(17)	861
Professional Services:				
STEP & Other Consulting	180	126	104	230
NY Green Bank	1,550	2,106	(237)	1,869
Total Professional Services	<u>1,730</u>	<u>2,232</u>	<u>(133)</u>	<u>2,099</u>
Rent, Maintenance & Repairs, Utilities, Insurance	264	467	(173)	294
Total Program Operating Costs	<u><u>3,655</u></u>	<u><u>5,010</u></u>	<u><u>340</u></u>	<u><u>5,350</u></u>

NYSDA FY 2025 Budget  
 Detail schedule: General & Administrative Expenses  
 (Amounts in thousands)

	<b>Actuals</b>	<b>Budget</b>		<b>Budget</b>
	<b>FY 2023</b>	<b>FY 2024</b>	<b>Change</b>	<b>FY 2025</b>
Computer Services and Software	2,075	5,423	2,349	7,772
Training, Recruitment & Relocation	303	720	675	1,395
Rent, Maintenance & Repairs, Utilities, Insurance	1,464	3,859	703	4,562
Temporary Staffing, Outside Technical Reviewer	4,202	3,481	208	3,689
Professional Services:				
Communication and consumer support services	166	520	430	950
Information Technology	1,779	1,287	144	1,431
Website support services	372	600	134	734
Fiscal Agent, audit and third-party payroll and Human Resource services	557	587	44	631
Marketing	259	280	-	280
Internal Audit support services	11	50	-	50
Other Consulting	224	670	(5)	665
Information security	-	35	(35)	-
Total Professional Services	<u>3,368</u>	<u>4,029</u>	<u>712</u>	<u>4,741</u>
Travel and Outreach Costs	188	439	38	477
Office Supplies, Equipment Rental, and Other	313	343	5	348
Total General & Administrative Expense	<u><u>11,913</u></u>	<u><u>18,294</u></u>	<u><u>4,690</u></u>	<u><u>22,984</u></u>

NYSERDA FY 2025 Budget  
 Detail schedule: Capital Budget  
 (Amounts in thousands)

	<b><u>Actual</u></b> <b><u>FY 2023</u></b>	<b><u>Budget</u></b> <b><u>FY 2024</u></b>	<b><u>Change</u></b>	<b><u>Budget</u></b> <b><u>FY 2025</u></b>
Building improvements	64	2,521	3,679	6,200
STEP infrastructure	-	-	1,500	1,500
Furniture, fixtures and equipment	235	72	148	220
Vehicles	-	51	61	112
Leasehold improvements	7	145	(145)	-
Information technology upgrades	561	1,315	(270)	1,045
Total Capital Asset Additions	<u>867</u>	<u>4,104</u>	<u>4,973</u>	<u>9,077</u>

NYSERDA FY 2025 Budget  
 Detail schedule: Debt Schedule  
 (Amounts in thousands)

**Purpose: Refinancing of loans issued through the Green Jobs-Green New York financing program**

	<u>Principal Issued</u>	<u>Anticipated Total Debt Service</u>	<u>Pledged Revenues</u>	<u>Debt service % of Pledged Revenues</u>	<u>FY 2025 Debt Service</u>	<u>FY 2025 Outstanding Principal</u>	<u>FY 2026 Debt Service</u>	<u>FY 2026 Outstanding Principal</u>	<u>FY 2027 Debt Service</u>	<u>FY 2027 Outstanding Principal</u>
<b>Residential Energy Efficiency Financing Revenue Bonds</b>										
Series 2013A (NYS EFC Guarantee)	24,300	29,651	37,436	79.2%	1,582	4,460	1,492	3,110	1,460	1,735
Series 2015A	46,358	53,824	67,991	79.2%	3,630	17,850	3,560	14,650	3,443	11,495
Series 2016A	23,180	27,539	34,473	79.9%	1,784	11,240	1,780	9,720	1,780	8,165
<b>Residential Solar Loan Revenue Bonds, Series 2015A</b>	48,536	75,406	86,927	86.7%	1,174	2,549	1,027	1,621	523	1,164
<b>Residential Solar Loan Revenue Bonds, Series 2018A</b>	18,500	21,908	30,732	71.3%	1,321	4,990	1,278	3,890	1,139	2,890
<b>Residential Solar and Energy Efficiency Financing Green Revenue Bonds, Series 2019A</b>	15,510	18,339	21,257	86.3%	1,292	3,830	1,168	2,770	1,080	1,760
<b>Residential Solar and Energy Efficiency Financing Green Revenue Bonds, Series 2020A</b>	16,690	19,859	22,611	87.8%	1,834	6,760	1,670	5,255	1,502	3,885
<b>Residential Solar and Energy Efficiency Financing Green Revenue Bonds, Series 2022A</b>	25,600	37,431	40,026	93.5%	3,063	20,330	2,874	18,335	2,634	16,495
<b>Residential Solar and Energy Efficiency Financing Green Revenue Bonds, Series 2023A</b>	18,905	28,341	33,691	84.1%	2,132	17,905	3,142	15,765	2,838	13,810
<b>Total</b>	<b>237,579</b>	<b>312,298</b>	<b>375,144</b>	<b>83.2%</b>	<b>17,812</b>	<b>89,914</b>	<b>17,991</b>	<b>75,116</b>	<b>16,399</b>	<b>61,399</b>

\* No new debt issues are included in the Budget and Financial Plan as additional debt issues will require approval by the NYSERDA Board and the Public Authorities Control Board.



NYSERDA  
 FY 2025 Financial Plan  
 (Amounts in thousands)

	Budget FY 2025	Projection FY 2026	Projection FY 2027	Projection FY 2028
<b>REVENUES:</b>				
State appropriations	\$ 425,355	251,500	176,250	166,250
Utility surcharge assessments	743,156	1,001,404	973,709	1,054,823
Renewable energy credit proceeds	54,726	188,075	581,955	1,304,977
Zero emission credit payments	508,625	529,713	529,713	529,713
Clean energy standard backstop charge	24,972	8,324	-	-
Allowance auction proceeds	236,091	239,508	271,455	260,607
Third party reimbursement	54,952	19,465	19,465	19,465
Federal grants	38,718	22,767	21,660	18,731
Other income	133,285	127,858	118,429	112,815
<b>TOTAL REVENUES</b>	<b>2,219,880</b>	<b>2,388,614</b>	<b>2,692,636</b>	<b>3,467,381</b>
<b>EXPENSES:</b>				
Salaries and benefits	94,211	102,583	105,660	108,830
Program expenditures	1,974,528	2,091,143	2,608,929	3,365,140
Investment related expenses	1,517	1,563	1,609	1,658
Program operating costs	5,350	5,443	5,538	5,636
General & administrative expenses	22,984	23,086	23,780	24,492
Depreciation	2,088	2,346	2,581	2,581
NYS assessments	13,594	13,594	13,594	13,594
Bond interest and fees	3,734	3,192	2,684	2,249
<b>TOTAL EXPENSES</b>	<b>2,118,006</b>	<b>2,242,950</b>	<b>2,764,375</b>	<b>3,524,180</b>
Net (expense) revenue and change in net position	101,874	145,664	(71,739)	(56,799)
Net position beginning of year	1,943,750	2,045,624	2,191,288	2,119,549
<b>Total net position end of year</b>	<b>\$ 2,045,624</b>	<b>2,191,288</b>	<b>2,119,549</b>	<b>2,062,750</b>

NYSERDA  
 FY 2025 Cash-Based Budget  
 (Amounts in thousands)

	<b>Functions/Programs</b>								
	Market Development / Innovation & Research	NY Green Bank	NY-Sun	Clean Energy Standard	RGGI	Energy & Environmental Analysis	West Valley	Other	<b>FY 2025 Cash Budget</b>
<b>RECEIPTS:</b>									
State appropriations	\$ -	-	-	241,568	4,100	150	25,800	153,737	425,355
Utility surcharge assessments	362,001	-	261,882	-	-	18,322	-	83,935	726,140
Renewable energy credit proceeds	-	-	-	54,726	-	-	-	-	54,726
Zero emission credit payments	-	-	-	508,625	-	-	-	-	508,625
Clean energy standard backstop charge	-	-	-	24,972	-	-	-	-	24,972
Allowance auction proceeds	-	-	-	-	236,091	-	-	-	236,091
Third party reimbursement	17,000	-	-	-	-	-	2,465	35,487	54,952
Federal grants	-	-	-	-	-	3,506	-	35,212	38,718
QECB interest subsidy	-	-	-	-	-	-	-	164	164
Project repayments	-	-	-	-	-	-	-	325	325
Rentals from leases	-	-	-	-	-	-	-	1,215	1,215
Fees and other income	-	5,600	-	6,400	-	-	-	187	12,187
Loan interest	-	57,730	-	-	-	-	-	8,434	66,164
Loan principal repayments	-	56,980	-	-	-	-	-	22,789	79,769
Interest income	3,145	10,040	2,170	7,326	19,542	-	-	11,007	53,230
<b>TOTAL REVENUES</b>	<b>382,146</b>	<b>130,350</b>	<b>264,052</b>	<b>843,617</b>	<b>259,733</b>	<b>21,978</b>	<b>28,265</b>	<b>352,492</b>	<b>2,282,633</b>
<b>DISBURSEMENTS:</b>									
Salaries and benefits	27,194	12,710	2,850	12,903	13,067	10,214	2,918	12,355	94,211
Program expenditures	367,921	450	259,382	827,658	173,545	8,004	24,219	313,349	1,974,528
Investment related expenses	-	1,517	-	-	-	-	-	-	1,517
Other Operating costs	352	2,254	132	551	134	964	170	793	5,350
General & administrative expenses	6,634	3,082	695	3,152	3,190	2,493	718	3,020	22,984
Capital asset additions	2,620	1,225	275	1,243	1,259	984	281	1,191	9,078
Deployed Capital	-	285,840	-	-	-	-	-	-	285,840
Bond interest and fees	-	-	-	-	-	-	-	3,734	3,734
Principal bond payment	-	-	-	-	-	-	-	-	-
Loan purchases	-	-	-	-	-	-	-	51,840	51,840
NYS Assessments	2,630	132	1,719	5,515	1,241	143	183	2,031	13,594
<b>TOTAL EXPENSES</b>	<b>407,351</b>	<b>307,210</b>	<b>265,053</b>	<b>851,022</b>	<b>192,436</b>	<b>22,802</b>	<b>28,489</b>	<b>388,313</b>	<b>2,462,676</b>
Net (expense) revenue and change in cash position	(25,205)	(176,860)	(1,001)	(7,405)	67,297	(824)	(224)	(35,821)	(180,043)
Cash and investments, beginning of year	98,551	293,439	70,022	153,130	417,503	3,313	-	138,851	1,174,809
Inter-program transfers	22,000	-	-	-	(36,301)	-	-	14,301	-
Cash and investments, end of year	\$ 95,346	116,579	69,021	145,725	448,500	2,489	(224)	117,331	994,766

Resolution No. \_\_\_\_\_

RESOLVED, that the proposed fiscal year 2024-25 Budget and Financial Plan submitted to the Members for consideration at this meeting, with such non-material, editorial changes and supplementary schedules as the President and Chief Executive Officer, in their discretion, may deem necessary or appropriate, be and it hereby is approved by the Board for submission to the persons designated in Sections 1867(4) and 2801 of the Public Authorities Law.

# New York's Regional Greenhouse Gas Initiative Operating Plan Amendment for 2024

## Background

In New York, responsibility for implementing the Regional Greenhouse Gas Initiative (RGGI) is shared by the Department of Environmental Conservation (DEC) and the New York State Energy Research and Development Authority (NYSERDA). DEC and NYSERDA program responsibilities are contained in coordinated regulations:

- DEC established New York's CO<sub>2</sub> Budget Trading Program and the State's share of the total regional cap through a rule (6 NYCRR Part 242) and revisions to an existing rule (6 NYCRR Part 200, General Provisions). Part 242 establishes the cap-and-trade provisions, as well as program compliance responsibilities and other program aspects.
- NYSERDA set up the CO<sub>2</sub> Allowance Auction Program through regulations (21 NYCRR Part 507). Part 507 establishes administrative procedures for the auction process and provides that proceeds from the sale of the allowances will fund projects and programs for "energy efficiency, renewable or non-carbon emitting technologies, and innovative carbon emissions abatement technologies with significant carbon reduction potential, and for reasonable administrative costs incurred by the Authority."

The NYSERDA regulations include a provision to annually convene a group of stakeholders representing a broad array of energy and environmental interests. This group advises NYSERDA regarding strategies to best utilize RGGI funds. NYSERDA's RGGI Operating Plan is reviewed and revised on an annual basis. NYSERDA holds an open meeting of the stakeholder group each year, inviting input on how to achieve greater scale of implementation, advance activities that realize benefits in disadvantaged communities, expand private investments and partnerships, and address barriers to program success.

The Draft 2023 Operating Plan Amendment was presented to stakeholders for comment in December 2022 and was approved by NYSERDA's Board in January 2023. The 2023 Operating Plan was then compiled based on the NYSERDA Board approval.

This document represents the Draft 2024 Operating Plan Amendment and provides program descriptions and funding levels through March 2027. Appendix 1 provides an analysis of the revenues and program funding allocations planned for the fiscal years ending March 31<sup>st</sup>, as compared to actual/projected results.

## Review of Programs and Budgets for the 2024 Operating Plan

New York State invests RGGI proceeds to support comprehensive strategies that best achieve the RGGI greenhouse gas emissions reduction goals, through energy efficiency, renewable energy, and carbon abatement strategies, pursuant to 21 NYCRR Part 507. The programs in the portfolio of initiatives are designed to support the pursuit of the State's greenhouse gas emissions reduction goals by:

- Deploying commercially available energy efficiency and renewable energy technologies;
- Building the State's capacity for long-term carbon reduction;
- Empowering New York communities to reduce carbon pollution, and transition to cleaner energy;
- Stimulating entrepreneurship and growth of clean energy and carbon abatement companies in New York; and
- Creating innovative financing to increase adoption of clean energy and carbon abatement in the State.

The initiatives described below represent program activity proposed for the 2024 Operating Plan. The 2024 Operating Plan portfolio builds on the 2023 portfolio, with an increased focus on disadvantaged communities. The funding level allocated for each program during the planning period from FY23-24 through FY26-27 is presented in Table 1 on page 10, and Table 2 on page 11 presents the cumulative amounts through FY22-23, those during this planning period, and overall sum totals.

RGGI programs have and will continue, alongside other state programs, to contribute to economy-wide greenhouse gas emissions reductions and provide benefits to New York's historically overburdened and underserved communities. NYSERDA's CO<sub>2</sub> Allowance Auction Program supports the statewide goal of the Climate Leadership and Community Protection Act (Climate Act) that 40%, and no less than 35%, of the overall benefits from the investment of the [CO<sub>2</sub> Allowance Auctions] proceeds will be realized in disadvantaged communities. Appendix 2 of this Operating Plan amendment provides an estimate of how RGGI program commitments are anticipated to result in benefits for disadvantaged communities based on the final definition of disadvantaged communities and low-to-moderate-income investments from the Climate Justice Working Group. As such, Appendix 2 tracks post-2019 cumulative commitments, as this is the timeframe in which benefits are subject to the Climate Act. NYSERDA estimates that 45% of post-2019 commitments are expected to provide benefits to disadvantaged communities.

The funding allocation values represented in Table 1 provide an estimate of when funds will be assigned to each program. These figures do not reflect when funds will be spent or when contracts will be signed. Table 2 also reflects cumulative funding allocations through FY22-23, original and revised funding allocations for FY23-24, and estimated allocations for FY24-25 through FY26-27.

Multi-year programs that have remaining funds available for program expenditures but are not receiving additional funding under this Plan Amendment are not described below. Those programs will continue with the planned expenditure of their previously allocated funding as outlined in the 2023 RGGI Operating Plan.

For all RGGI-funded activities, NYSERDA will provide timely progress reports utilizing best practice protocols for project tracking and evaluation.

## **Program Descriptions**

### **Renewable Energy**

#### NY-Sun Statewide Customer Incentives

The NY-Sun initiative is driving the growth of the solar industry and makes solar technology more affordable for all New Yorkers. The program provides declining incentives for the installation of systems and works to reduce solar electric balance-of-system costs through technology advancements, streamlined processes, and customer aggregation models. This Amendment allocates a total of \$53.8 million during the planning period, comprised of \$6.97 million during FY23-24, \$20 million during FY24-25, \$17.85 million during FY25-26, and \$9 million during FY26-27. This funding allows customers of Upstate municipal utilities and the New York Power Authority (NYPA), who do not pay Clean Energy Fund (CEF) surcharges, to receive NY-Sun incentives. It is expected to primarily fund NY-Sun incentives for solar installations on New York City public schools and other New York City public buildings that are served by NYPA, but will also fund NY-Sun incentives for residential and commercial installations in areas served by municipal utilities in Upstate NY.

## NY-Sun Long Island SEEF Incentives

This program, previously known as NY-Sun Community Solar / K-Solar, will provide Solar Energy Equity Framework (SEEF) incentives to Long Island Power Authority (LIPA) customers that do not pay into the System Benefits Charge. The NY-Sun SEEF supports solar projects benefiting low-to-moderate income households, disadvantaged communities, and affordable housing. This Amendment allocates a total of \$5 million during the planning period, comprised of \$1 million during FY24-25, \$3 million during FY25-26, and \$1 million during FY26-27.

## Agrivoltaics

This Amendment allocates a total of \$27 million during the planning period, comprised of \$5 million in FY23-24, \$5 million in FY24-25, \$7 million in FY25-26, and \$10 million in FY26-27. This will enable continued collaboration between NYSERDA, New York State Department of Agriculture and Markets, as well as higher education institutions to further promote agrivoltaics. The purpose of this effort is to advance the technological, economic, and agricultural viability of solar energy technologies responsibly co-located within active farmland. Demonstration projects results would inform NYSERDA renewable energy procurement strategies, state renewable energy incentive programs, and solar development permitting. Through partnerships with academia and industry, NYSERDA would advance research and market development of agrivoltaic technologies. Through collaboration with agricultural commodity experts, NYSERDA would identify and expand markets for commodities produced via agrivoltaic deployment. Through collaboration with NGOs, rural communities, solar developers, and people currently under-represented in farming, NYSERDA would identify and develop opportunities for new farmers to participate in agrivoltaics. These activities would be performed in concert with an expanded liaison effort with farmland protection, economic development, and local officials to identify and promote technical tools, guidance, and strategies to facilitate the responsible siting of agrivoltaics.

## **Energy Efficiency / Building Electrification**

### LIPA Energy Efficiency and Renewable Energy

These funds enhance the portfolio of clean energy activities for energy consumers on Long Island, as approved by the LIPA and administered by PSEG-Long Island. Funding and reporting requirements are established through a Memorandum of Understanding between NYSERDA and LIPA, which ensure that RGGI funds meet the requirements of the RGGI regulations that funds are used to support energy efficiency and clean energy activities, as well as advancing the goal of benefits of investments in disadvantaged communities. NYSERDA is working with LIPA to maintain the level of market activity designed with the previous RGGI allocations. With this funding re-allocation, as well as additional funds, the Amendment allocates a total of \$80 million during the planning period, comprised of \$20 million per calendar year through the planning horizon. The LIPA Board of Trustees approves an annual energy efficiency program plan, which details the activities that these funds will support.

### EmPower+: Energy Efficiency and Clean Heating and Cooling for Low- and Moderate-Income Households

These funds will maintain support for low-to-moderate-income (LMI) customers statewide to provide energy efficiency and electrification incentive. RGGI funds allow inclusion of customers of municipal utilities and customers using delivered fuel, which cannot be funded through the Clean Energy Fund. These customers will be able to access incentives through EmPower+, which provides comprehensive energy efficiency services programs for low- and moderate-income-qualified households in existing one-to-four family homes. This Amendment allocates a total of

\$135 million to these efforts during the planning period, comprised of \$30 million in FY23-24, \$30 million in FY24-25, \$45 million in FY25-26, and \$30 million in FY26-27.

#### Disadvantaged Communities Schools and Affordable Housing

These funds will support high performance energy efficiency and electrification projects in schools located in disadvantaged communities as well as affordable housing.

NYSERDA's Clean Green Schools Initiative helps public schools that traditionally lack resources to invest in infrastructure improvements become healthier, more productive learning environments. This Initiative aims to improve the environmental sustainability of those schools by reducing school energy loads, decarbonizing their building portfolio, improving indoor air quality, and providing clean energy educational opportunities. This funding will be used in conjunction with existing Clean Energy Fund and Bond Act funds to support competitively selected clean heating and cooling installations and/or other capital projects that move schools towards decarbonization.

NYSERDA has partnerships in place with NYS Homes and Community Renewal (HCR), NYC Housing Preservation and Development (HPD) and the New York City Housing Authority (NYCHA) and seeks to continue supporting decarbonization projects with these agencies. In particular, this funding will allow HCR-regulated affordable housing located in non-SBC territories, including municipal electric territory or Long Island, to access building decarbonization grant funding as part of HCR's financing processes and provide training, technical assistance, and strategic planning resources to support NYC HPD's development of a long-term portfolio-wide decarbonization strategy. Additionally, this initiative will support work with public housing authorities, like NYCHA, to decarbonize buildings with an emphasis on advancing packaged heat pump systems to develop clean heat for all.

This Amendment allocates a total of \$33.8 million to these efforts during the planning period comprised of \$17.3 million in FY23-24, \$6.5 million in FY24-25, \$5 million in FY25-26, and \$5 million in FY26-27. These investments continue to fund high-performance energy efficiency and electrification in schools located in disadvantaged communities as well as affordable housing.

#### Community Thermal Energy Networks

Heat pump technology has become a proven decarbonization solution, providing buildings with clean thermal energy for space heating, cooling, and domestic hot water. Thermal energy networks use a network of piped water to share thermal energy among a cluster of buildings and are a key strategy for building decarbonization and to reach scale, as defined in the Climate Action Council Scoping Plan. RGGI funds will be used to support the design and implementation of thermal energy networks as part of a statewide program. RGGI funds will allow NYSERDA to support State and local government facilities, as well as affordable housing developments and accelerate the deployment of heat pump systems across the State. This Amendment allocates a total of \$16.7 million to these efforts during the planning period comprised of \$7.7 million during FY23-24, \$3 million during FY24-25, \$4 million during FY25-26 and \$2 million during FY26-27.

#### Building Retrofit and New Construction Challenges

This funding will support competitive challenges that demonstrate exemplary design and high performance for new construction and hard to decarbonize existing buildings. NYSERDA's investments provide funding to leverage design professionals and new technical solutions to create economically viable pathways for replicable approaches to removing emissions from existing commercial and industrial buildings and the design and construction of new buildings. RGGI funding will allow these initiatives to serve non-SBC paying customers such as buildings located in Long Island as well as buildings served by municipal electric utilities. This Amendment allocates a total of \$56

million to these efforts during the planning period, comprised of \$10 million in FY23-24, \$10 million in FY24-25, \$18 million in FY25-26, and \$18 million in FY26-27.

#### Climate Resiliency Implementation Planning

This funding will continue supporting research and analysis to perform a climate change risk assessment for clean energy and electrification assets and investments to help ensure they will remain durable solutions over time. It also includes the research and development of NYS Climate Resiliency Design Guidelines in conjunction with DEC and OGS. This work will ensure that New York State begins to develop a clear roadmap for integrating climate risks as per Executive Order 22 (signed September 20, 2022) and the Climate Act Scoping Plan. This Amendment allocates a total of \$20 million to these efforts during the planning period, comprised of \$5 million in FY23-24, \$5 million in FY24-25, \$5 million in FY25-26, and \$5 million in FY26-27.

#### Support for 2 Million Climate Friendly Homes

This Amendment allocates a total of \$25 million to these efforts during the planning period, comprised of \$15 million in FY25-26, and \$10 million in FY26-27, toward programs supporting building efficiency and electrification. This funding will allow program support for customers of municipal utilities and customers using delivered fuel.

#### Innovative Finance & Risk Management (new)

This Amendment allocates a total of \$6 million to these efforts during the planning period, comprised of \$3 million in FY25-26, and \$3 million in FY26-27 for applied demonstrations of insurance product prototypes complementing the current Clean Energy Fund program (i.e., Tech to Market portfolio, as part of the Novel Business Models and Offerings). This investment will seek to achieve desired outcomes of developing novel insurance product prototype solutions targeted to climate technology companies, their customers, and financiers. Approximately \$1 million is targeted for continued, later-stage business acceleration services. The remaining \$5 million directly supports demonstrations of novel insurance products applied to climate technology solutions where lack of appropriate insurance products has limited market access and growth.

#### Clean Heat Consortium (new)

This Amendment allocates a total of \$12 million to these efforts during the planning period, comprised of \$2.5 million in FY24-25, \$4.5 million in FY25-26, and \$5 million in FY26-27. This funding will support public private partnerships to scale adoption of clean heat solutions in NYS buildings. Drawing on the success of the Clean Heat for All initiative at New York City Housing Authority and NYSERDA's Empire Building Challenge, this initiative leverages interest from building owners to work with the supply chain of manufacturers and solution providers to decarbonize through innovative new technologies such as packaged terminal heat pumps, cold climate all electric rooftop units, and heat pump domestic hot water systems with low global warming potential.

### **Innovative GHG Abatement Strategies**

#### Electric Vehicles / ChargeNY

ChargeNY has been pursuing four strategies to promote plug-in electric vehicle (PEV) adoption by consumers across New York. First, NYSERDA implemented the Drive Clean Rebate program for PEVs in March 2017, accelerating purchases of PEVs by reducing upfront costs, which continues to be a focus of investment. Second, NYSERDA will continue to invest in marketing and awareness-building activities to build interest in PEVs among the public. A focus on building greater public knowledge and awareness of the capabilities of PEVs is essential to spur more private



investment in PEV purchases and PEV charging stations. This work may also include other market development activities, such as policy and business model development studies that support new ways for critical stakeholders, including utilities, local governments, and car dealers, to get involved in the PEV market. Third, NYSERDA will also support the installation of PEV charging stations at workplaces, multi-family buildings, and targeted public locations – location types that have been seen to be effective drivers for PEV adoption based on usage data reported from previous installations – and work with the site owners to further promote PEV adoptions. Fourth, NYSERDA will support the planning and demonstration of shared electric mobility and transit options with a focus on disadvantaged communities and underserved areas. This work will address community-identified needs that expand access to public transportation and improve equitable access to PEVs and other electric mobility systems in a replicable and scalable way. This Amendment allocates a total of \$148.9 million to these efforts during the planning period, comprised of \$23 million in FY23-24, \$45.9 million in FY24-25, \$40 million in FY25-26, and \$40 million in FY26-27. These funds will be used to support continuation of current and additional ChargeNY strategies to ensure effective engagement with the market to build scale and ensure a focus on a just transition into future years.

#### Clean Energy Business Development

This Amendment allocates a total of \$5.4 million in FY24-25, which will support supply chain analysis and forums, clean energy recruiting campaigns, planning assistance, and analytical work to expand NYS manufacturers and suppliers for products and solutions that reduce greenhouse gas emissions.

#### Natural Carbon Solutions

Achieving a net-zero carbon economy will require reducing emissions across all sectors. The agriculture and forestry sectors are looked upon to contribute carbon sequestration (i.e., negative emissions) as well as emissions reductions. This Amendment allocates a total of \$10 million to these efforts during the planning period, comprised of \$3 million in FY23-24, \$2 million in FY24-25, \$2 million in FY25-26, and \$3 million in FY26-27. These investments will help to catalyze technology and business solutions and lay the foundation for an economically self-sustaining bio-economy in New York State. By establishing a marketplace of natural emissions-lowering solutions the program will demonstrate pathways to support disadvantaged rural communities, economic development, existing agriculture, and forestry industries, while increasing jobs and revenue.

#### Scoping Plan Implementation Research

The Climate Leadership and Community Protection Act (Climate Act) was signed into law in 2019 as one of the most ambitious climate laws in the world, putting the State on a course to reduce greenhouse gas emissions and achieve net-zero emissions, increase renewable energy usage, and ensure climate justice. In anticipation of supporting work to realize recommendations included in the Climate Action Council's final Scoping Plan, developed pursuant to the Climate Act. This funding may include technical analysis to support activity requiring more detailed information, such as natural gas system planning for decarbonized future, planning an economy wide cap-and-invest program, or support for a clean transportation standard. It may also support technical infrastructure to aide in implementation of key policy components of the Scoping Plan. This Amendment allocates a total of \$20 million to these efforts during the planning period comprised of \$5 million in FY23-24, \$5 million in FY24-25, \$5 million in FY25-26, and \$5 million in FY26-27.

## **Community Clean Energy**

### Clean Energy Communities

The statewide Clean Energy Communities program, which is also supported through the CEF, provides local governments with a common platform and the coaching, facilitation, technical assistance, and expertise for implementing the local-level policies, planning and activities needed to drive a future clean energy market. These local-level actions roll-up and help to deliver the regional sustainable growth strategies encouraged by the Cleaner Greener Communities program, consistent with the regional sustainability and economic development plans. This Amendment allocates a total of \$10 million to these efforts during the planning period, comprised of \$3 million in FY23-24, \$3 million in FY24-25, \$2 million in FY25-26, and \$2 million in FY26-27 to continue supporting communities in LIPA territory.

### Healthy New Home Design & Construction Challenges

This Amendment allocates a total of \$12.05 million to these efforts during the planning period, comprised of \$3.05 million in FY23-24, \$3 million in FY24-25, \$3 million in FY25-26, and \$3 million in FY26-27, to support creating a healthy home builder and developer network to encourage builders to design and offer carbon neutral homes. Funding will also be used for a healthy Neighborhood Design Challenge to support all-electric sub-divisions and planned communities, as well as promote the benefits of healthy homes. This program intends to accelerate the pivot to the decarbonization of residential new construction and build market capability across the state (i.e., focus on Long Island area to complement existing activities already using Clean Energy Funds elsewhere in the state), which will support requiring decarbonized new construction via code and regulations on an accelerated 5-year track.

### Clean Energy Workforce Development

This Amendment allocates a total of \$80 million to these efforts during the planning period, comprised of \$26 million in FY23-24, \$19 million in FY24-25, \$15 million in FY25-26, and \$20 million in FY26-27, to support the just transition of fossil fuel workers as well as new entrants from disadvantaged communities to the clean energy workforce. Funding will support pre-apprenticeship programs that provide direct-entry into union apprenticeship programs, union training for apprentices and journey workers to support the transition to clean energy jobs including developing training curriculum and purchasing training equipment. Other activities will include supporting clean energy workforce development for residents that do not pay the System Benefits Charge, including Long Island residents, to allow statewide delivery; K-12 clean energy career awareness; and wrap-around support after all available resources have been exhausted for DAC residents entering the clean energy workforce to ensure these new entrants are successful in their careers (e.g., transportation stipends, personal protective equipment, access to childcare).

### Clean Energy Hubs

NYSERDA will continue building local capacity within disadvantaged communities and improve stakeholder engagement. This Amendment allocates a total of \$18 million to these efforts during the planning period, comprised of \$3 million in FY23-24, \$3 million in FY24-25, \$6 million in FY25-26, and \$6 million in FY26-27, to increase engagement of residents and communities in New York City and Long Island, support the participation of community-based and advocacy organizations in stakeholder meetings, and support local projects. This will leverage the more than \$40 million for Clean Energy Hubs supported by the Clean Energy Fund. In 2022, NYSERDA launched this network of 12 Community Energy Hubs, one in each region of the state and three serving New York City. The Hubs build on the success of the Community Energy Engagement Program, wherein community and locally-based organizations across New York State provided outreach and education services to help low-income

residents and small businesses make informed energy choices and access incentives and other resources to implement clean energy projects. The Hubs are enhancing community-level engagement and capacity building by supporting clean energy concierge services and helping residents understand different clean energy solutions and apply for relevant programs. These services will be provided to residents, small businesses, nonprofits, and multifamily building owners in disadvantaged and underserved communities to increase awareness and adoption of clean energy programs and solutions, with the focus of creating a more inclusive clean energy economy. In addition, NYSERDA will increase the ability for community-based organizations and DAC residents to engage as subject matter experts in NYSERDA's clean energy policy and program design by compensating for their time and support local planning in disadvantaged communities. Funds allocated will allow for statewide activities alongside efforts supported through the Clean Energy Fund.

#### Climate Action Consumer Awareness & Education

This Amendment allocates a total of \$20 million to these efforts during the planning period, comprised of \$6 million in FY23-24, \$5 million in FY24-25, \$4.5 million in FY25-26, and \$4.5 million in FY26-27, to increase awareness and understanding of the critical need for and benefits of climate action in New York State. This investment will include an umbrella campaign to encourage broad engagement that is coordinated with a targeted marketing effort to impact the purchase decisions and actions that are needed to reach the State's climate goals. The targeted effort will address specific barriers across critical sectors and encourage adoption of new technologies that will improve quality of life and help decarbonize our buildings and economy.

#### **Directed**

##### Transfer to State – Environmental Protection Fund

The New York State Budget for FY23-24 directed NYSERDA to transfer \$5 million in RGGI funds to the Environmental Protection Fund (EPF). This Amendment assumes annual funding to support EPF programs that advance New York's leadership in reducing greenhouse gas emissions such as Climate Smart Communities, Smart Growth, and Greenhouse Gas Management. This Amendment assumes NYSERDA will be similarly directed for the upcoming fiscal years, and therefore allocates a total of \$20 million during the planning period, comprised of \$5 million in each year from FY23-24 through FY26-27.

##### Electric Generation Facility Cessation Mitigation

The Electric Generation Facility Cessation Mitigation Program was enacted at the end of the 2015 New York State Legislative Session and is designed to support the economic transition of communities reliant on power plants as a source of financial support. To date NYSERDA has provided \$45 million of the \$69 million authorized. NYSERDA will provide an additional \$24 million by FY26-27, of which \$842 thousand will be provided in FY23-24.

##### Green Jobs – Green New York

The Green Jobs-Green New York (GJGNY) Program, created under the Green Jobs-Green New York Act of 2009, provides New Yorkers with access to energy assessments, installation services, low interest financing, and pathways to training for various green-collar careers. The GJGNY program was originally funded with \$112 million of RGGI funds for program initiatives, and NYSERDA's Board has subsequently approved approximately \$184.6 million of additional RGGI funds through FY22-23 to provide low interest financing for residential energy efficiency improvements, residential solar photovoltaic systems and other renewable technologies.

This Amendment allocates a total of \$65.6 million to these efforts during the planning period, comprised of \$14.3 million in FY23-24, \$14.8 million in FY24-25, \$16.5 million in FY25-26, and \$20 million in FY26-27. These investments will continue GJGNY residential financing, including making 15-year unsecured financing at market or below-market interest rates available to consumers living in federal census block groups, where more than 50 percent of households have household income less than 120% of area median income (and allowing consumers living outside of these communities to qualify for this rate if they meet this income threshold), and also offering access to financing for consumers who may not qualify under traditional unsecured loan underwriting criteria but who meet NYSERDA's "Tier 2" underwriting criteria. This additional funding will also support energy audits for commercial buildings.

#### Federal Program Match Opportunities

This Amendment allocates a total of \$130.7 million to these efforts during the planning period, comprised of \$50 million in FY23-24, \$29 million in FY24-25, \$30 million in FY25-26, and \$21.7 million in FY26-27, to support applications for federal grants that require a funding match, thus allowing RGGI funds to be leveraged to secure additional federal funding to deliver greater relative benefit in areas aligned with RGGI objectives. NYSERDA will continue to monitor federal grant programs throughout the planning period, and will utilize RGGI proceeds alongside other funds to fulfill matching contribution requirements.

#### **Other Non-Program Costs**

##### Program Evaluation

This Amendment allocates a total of \$9 million to program evaluation during the planning period, comprised of \$2 million in FY23-24, \$2 million in FY24-25, \$2 million in FY25-26, and \$3 million in FY26-27, to continue funding Market Impact and Evaluation studies, which assess how RGGI-funded programs are having lasting impacts in the market and to assess technology performance. Studies assessing stand-alone RGGI programs will be undertaken, as well as studies that support programs funded through RGGI and other funding portfolios (e.g., Clean Energy Fund). RGGI Semi-annual Status Reports will summarize findings from these completed studies.

#### **Anticipated Future Funding Allocations**

The projected revenues and program funding allocations are presented below in Table 2. Additionally, the table presents program administration and evaluation costs, ongoing RGGI, Inc. costs, State Cost Recovery Fees, and other factors. The table below presents an increase in program administration funding, which reflect the projected increased need to support additional activities anticipated due to new program activity.

#### **Funding Assumptions**

This Amendment assumes that future auction proceeds are based on an auction allowance price of \$12.32 that is sustained through the end of the planning period. This figure is based on a lookback average of the past ten auctions, which coincides with the release by RGGI states of a preliminary timeline for conducting the Third Program Review. Relatedly, the revised auction allowance for FY22-23 is \$12.81, which is an average of the results of the first two RGGI auctions conducted this fiscal year and the \$12.32 per allowance estimate that is conservatively used going forward.

## Opportunities for Other Allocations

New York has some of the most ambitious clean energy and decarbonization policies in the country, and NYSERDA has planned several initiatives and programmatic activities that are commensurate with the goals put forward in those policies.

In the event that future auction proceeds exceed the budgets presented in Table 1, NYSERDA intends to allocate additional funding to the program “Electric Vehicles / ChargeNY” presented on page 5, and also “EmPower+” from page 3. Lastly, additional proceeds can also be allocated to emerging or expanded programs focused on serving consumers in disadvantaged communities and low-to-moderate income households.

**Table 1: Funding Allocations with Totals for this Planning Period**

Category	Program	FY23-24	FY24-25	FY25-26	FY26-27	Total (This Planning Period)
Renewable Energy	NY-Sun Statewide Customer Incentives	6,970,000	20,000,000	17,850,000	9,000,000	53,820,000
	NY-Sun Long Island SEEF Incentives	-	1,000,000	3,000,000	1,000,000	5,000,000
	Residential PV Plus Storage	6,000,000	3,000,000	-	-	9,000,000
	Agrivoltaics	5,000,000	5,000,000	7,000,000	10,000,000	27,000,000
Energy Efficiency / Building Electrification	LIPA Efficiency and RE	20,000,000	20,000,000	20,000,000	20,000,000	80,000,000
	EmPower Plus	30,000,000	30,000,000	45,000,000	30,000,000	135,000,000
	Pilot Projects with Municipal Utilities	1,000,000	-	-	-	1,000,000
	Disadvantaged Communities Schools and Affordable Housing	17,300,000	6,500,000	5,000,000	5,000,000	33,800,000
	Multifamily Low Carbon Capital Planning / Pathway Projects	5,000,000	3,000,000	7,000,000	10,000,000	25,000,000
	Community Thermal Energy Networks	7,700,000	3,000,000	4,000,000	2,000,000	16,700,000
	Building Retrofit and New Construction Challenges	10,000,000	10,000,000	18,000,000	18,000,000	56,000,000
	Climate Resiliency Implementation Planning	5,000,000	5,000,000	5,000,000	5,000,000	20,000,000
	Support for 2 Million Homes Goal	-	-	15,000,000	10,000,000	25,000,000
	Innovative Finance & Risk Management	-	-	3,000,000	3,000,000	6,000,000
Clean Heat Consortium	-	2,500,000	4,500,000	5,000,000	12,000,000	
Innovative GHG Abatement Strategies	Electric Vehicle/Charge NY	23,000,000	45,900,000	40,000,000	40,000,000	148,900,000
	Clean Energy Business Development	-	5,400,000	-	-	5,400,000
	Natural Carbon Solutions	3,000,000	2,000,000	2,000,000	3,000,000	10,000,000
	Equity and Climate Transformation Research	900,000	900,000	-	-	1,800,000
	Climate Mitigation and Resilience Research	500,000	-	-	-	500,000
	Scoping Plan Implementation Research	5,000,000	5,000,000	5,000,000	5,000,000	20,000,000
	Hydrogen Hubs	-	5,000,000	-	-	5,000,000
Community Clean Energy	Clean Energy Communities	3,000,000	3,000,000	2,000,000	2,000,000	10,000,000
	Healthy New Home Design & Construction Challenge	3,050,000	3,000,000	3,000,000	3,000,000	12,050,000
	Clean Energy Workforce Development	26,000,000	19,000,000	15,000,000	20,000,000	80,000,000
	Clean Energy Hubs	3,000,000	3,000,000	6,000,000	6,000,000	18,000,000
	Climate Action Consumer Awareness & Education	6,000,000	5,000,000	4,500,000	4,500,000	20,000,000
Directed	NYS Environmental Protection Fund	5,000,000	5,000,000	5,000,000	5,000,000	20,000,000
	Electric Generation Facility Cessation Mitigation/ Just Transition	842,000	1,000,000	8,000,000	14,158,000	24,000,000
	Green Jobs-Green NY- Additional Funding	14,300,560	14,800,560	16,500,000	20,000,000	65,601,120
	Federal Program Match Opportunities	50,000,000	29,000,000	30,000,000	21,664,544	130,664,544
Administration and Other Non-Program Costs	Program Administration	16,500,000	21,321,667	21,321,667	21,321,667	80,465,000
	Program Evaluation	2,000,000	2,000,000	2,000,000	3,000,000	9,000,000
	RGGI Inc pro-rata costs	825,000	825,000	825,000	825,000	3,300,000
	State Cost Recovery	2,567,670	2,360,913	2,395,084	2,714,550	10,038,217

**Table 2: Cumulative Revenues and Program Funding Allocations**

Category	Program	Cumulative FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	Total (All-Time)
Proceeds	Number of allowances	456,350,245	20,043,750	19,163,256	19,440,617	22,033,683	537,031,550
	Allowance price	\$4.33	\$12.81	\$12.32	\$12.32	\$12.32	\$5.55
	RGGI Auction Proceeds	1,976,907,036	256,766,981	236,091,314	239,508,395	271,454,971	2,980,728,698
	Interest Earnings	25,257,125	11,344,000	19,542,000	17,555,000	15,918,000	89,616,125
	<b>Total Revenues</b>	<b>2,002,164,161</b>	<b>268,110,981</b>	<b>255,633,314</b>	<b>257,063,395</b>	<b>287,372,971</b>	<b>3,070,344,823</b>
Renewable Energy	NY-Sun Statewide Customer Incentives	30,000,000	6,970,000	20,000,000	17,850,000	9,000,000	83,820,000
	NY-Sun Long Island SEEF Incentives	7,500,000	-	1,000,000	3,000,000	1,000,000	12,500,000
	NY-Sun Long Island incentives	55,000,000	-	-	-	-	55,000,000
	Residential PV Plus Storage	-	6,000,000	3,000,000	-	-	9,000,000
	Renewable Heat NY	10,300,083	-	-	-	-	10,300,083
	Agrivoltaics	-	5,000,000	5,000,000	7,000,000	10,000,000	27,000,000
	Advanced Renewable Energy	2,837,698	-	-	-	-	2,837,698
	NYS Generation Attributes Tracking System	789,933	-	-	-	-	789,933
NYSERDA PV incentives	5,319,821	-	-	-	-	5,319,821	
Energy Efficiency / Building Electrification	Clean Energy Workforce Opportunity Program	15,000,000	-	-	-	-	15,000,000
	LIPA Efficiency and RE	269,600,000	20,000,000	20,000,000	20,000,000	20,000,000	349,600,000
	Energy Storage (LIPA territory)	12,926,434	-	-	-	-	12,926,434
	EmPower Plus	71,475,905	30,000,000	30,000,000	45,000,000	30,000,000	206,475,905
	Pilot Projects with Municipal Utilities	2,000,000	1,000,000	-	-	-	3,000,000
	Disadvantaged Communities Schools and Affordable Housing	25,600,000	17,300,000	6,500,000	5,000,000	5,000,000	59,400,000
	Multifamily Low Carbon Capital Planning / Pathway Projects	-	5,000,000	3,000,000	7,000,000	10,000,000	25,000,000
	Community Thermal Energy Networks	5,000,000	7,700,000	3,000,000	4,000,000	2,000,000	21,700,000
	Building Retrofit and New Construction Challenges	-	10,000,000	10,000,000	18,000,000	18,000,000	56,000,000
	Climate Resiliency Implementation Planning	-	5,000,000	5,000,000	5,000,000	5,000,000	20,000,000
	Support for 2 Million Homes Goal	-	-	-	15,000,000	10,000,000	25,000,000
	Multifamily Performance Program	15,046,683	-	-	-	-	15,046,683
	Multifamily Carbon Emissions Reduction	5,833,019	-	-	-	-	5,833,019
	Solar Thermal incentive	4,226,947	-	-	-	-	4,226,947
	Municipal Water/Wastewater	1,245,242	-	-	-	-	1,245,242
	Innovative Finance & Risk Management	-	-	-	3,000,000	3,000,000	6,000,000
	Clean Heat Consortium	-	-	2,500,000	4,500,000	5,000,000	12,000,000
Green Residential Buildings	2,744,601	-	-	-	-	2,744,601	
Innovative GHG Abatement Strategies	Southern Tier Competition (76 West)	11,000,000	-	-	-	-	11,000,000
	Brookhaven National Lab- ION Collider	25,000,000	-	-	-	-	25,000,000
	Electric Vehicle/Charge NY	102,400,000	23,000,000	45,900,000	40,000,000	40,000,000	251,300,000
	Advanced Buildings & Industrial Innovations	13,307,654	-	-	-	-	13,307,654
	Climate Research & Analysis	8,729,296	-	-	-	-	8,729,296
	Competitive GHG Reduction Pilot	972,650	-	-	-	-	972,650
	Clean Energy Business Development	5,809,987	-	5,400,000	-	-	11,209,987
	Transportation Research	3,819,311	-	-	-	-	3,819,311
	Natural Carbon Solutions	2,000,000	3,000,000	2,000,000	2,000,000	3,000,000	12,000,000
	Equity and Climate Transformation Research	800,000	900,000	900,000	-	-	2,600,000
	Climate Mitigation and Resilience Research	1,000,000	500,000	-	-	-	1,500,000
	Scoping Plan Implementation Research	-	5,000,000	5,000,000	5,000,000	5,000,000	20,000,000
	Hydrogen Hubs	-	5,000,000	-	-	-	5,000,000
	PV Manufacturing consortium	8,480,000	-	-	-	-	8,480,000
Carbon Sequestration	1,000,000	-	-	-	-	1,000,000	
Community Clean Energy	Cleaner Greener Communities	94,261,895	-	(4,900,000)	-	-	89,361,895
	Clean Energy Communities	10,273,120	3,000,000	3,000,000	2,000,000	2,000,000	20,273,120
	Climate Smart Communities	7,674,999	-	-	-	-	7,674,999
	Community Energy Engagement	4,400,000	(3,000,000)	-	-	-	1,400,000
	Economic Development Growth Extension	5,843,047	-	-	-	-	5,843,047
	Energy to Lead	3,000,000	-	-	-	-	3,000,000
	Renewable/Net-Zero Energy Demonstrations	7,500,000	-	-	-	-	7,500,000
	Healthy New Home Design & Construction Challenges	1,000,000	3,050,000	3,000,000	3,000,000	3,000,000	13,050,000
	Clean Energy Workforce Development	4,000,000	26,000,000	19,000,000	15,000,000	20,000,000	84,000,000
	Clean Energy Hubs	10,700,000	3,000,000	3,000,000	6,000,000	6,000,000	28,700,000
	Climate Action Consumer Awareness & Education	1,500,000	6,000,000	5,000,000	4,500,000	4,500,000	21,500,000
	Air Monitoring	8,000,000	-	-	-	-	8,000,000
	Regional Economic Development & GHG Reduction	10,246,443	-	-	-	-	10,246,443
Directed	NYS Environmental Tax Credits	179,000,000	-	-	-	-	179,000,000
	NYS Environmental Protection Fund	15,000,000	5,000,000	5,000,000	5,000,000	5,000,000	35,000,000
	Electric Generation Facility Cessation Mitigation/ Just Transition	50,000,000	842,000	1,000,000	8,000,000	14,158,000	74,000,000
	Green Jobs-Green NY- Original Legislation	112,000,000	-	-	-	-	112,000,000
	Green Jobs-Green NY- Additional Funding	184,662,249	14,300,560	14,800,560	16,500,000	20,000,000	250,263,369
	Transfer to Clean Energy Standard	719,424	-	-	-	-	719,424
	NYS Budget Transfer	90,000,000	-	-	-	-	90,000,000
	Federal Program Match Opportunities	-	50,000,000	29,000,000	30,000,000	21,664,544	130,664,544
CEF	Transfer to(from) Clean Energy Fund	186,226,804	22,000,000	22,000,000	19,773,196	-	250,000,000
Administration and Other Non-Program Costs	Program Administration	59,896,359	16,500,000	21,321,667	21,321,667	21,321,667	140,361,359
	Program Evaluation	10,155,429	2,000,000	2,000,000	2,000,000	3,000,000	19,155,429
	Commensurate Benefit/Litigation reserve	21,900,366	-	-	-	-	21,900,366
	RGGI Inc Startup Costs	1,598,204	-	-	-	-	1,598,204
	RGGI Inc pro-rata costs	10,833,667	825,000	825,000	825,000	825,000	14,133,667
	State Cost Recovery	17,275,476	2,567,670	2,360,913	2,395,084	2,714,550	27,313,693
	<b>Total Funding Allocations</b>	<b>1,834,432,746</b>	<b>303,455,230</b>	<b>294,608,140</b>	<b>337,664,947</b>	<b>300,183,760</b>	<b>3,070,344,823</b>
Unprogrammed/(Overcommitment)	167,731,415	(35,344,249)	(38,974,826)	(80,601,551)	(12,810,789)	0	
<b>Cumulative Unprogrammed(Overcommitment)</b>	<b>167,731,415</b>	<b>132,387,166</b>	<b>93,412,340</b>	<b>12,810,789</b>	<b>0</b>	<b>0</b>	

**Note:** \*Totals may not sum exactly due to rounding. Fiscal years begin on April 1<sup>st</sup> and end on March 31<sup>st</sup>.  
 Highlighted programs indicate newly funded programs or additional funding to existing programs, as detailed in Table 1

**Table 3: RGGI Cash Flow**

Category		Cumulative 3/31/23	FY23-24	FY24-25	FY25-26	FY26-27	Thereafter
Proceeds	Number of allowances	456,350,245	20,043,750	19,163,256	19,440,617	22,033,683	
	Allowance price	\$4.33	\$12.81	\$12.32	\$12.32	\$12.32	
	RGGI Auction Proceeds	1,976,907,036	256,766,981	236,091,314	239,508,395	271,454,971	
	Interest Earnings	25,257,126	11,344,000	19,542,000	17,555,000	15,918,000	
	<b>Total Revenues</b>	<b>2,002,164,161</b>	<b>268,110,981</b>	<b>255,633,314</b>	<b>257,063,395</b>	<b>287,372,971</b>	
Renewable Energy	NY-Sun Statewide Customer Incentives	9,406,116	5,431,500	5,440,000	5,440,000	5,440,000	52,662,384
	NY-Sun Long Island SEEF Incentives	2,832,148	775,000	780,000	780,000	780,000	6,552,852
	NY SUN Long Island incentives	50,790,368	1,300,000	1,200,000	1,200,000	509,632	-
	Residential PV Plus Storage	-	-	-	3,000,000	3,000,000	3,000,000
	Renewable Heat NY	9,569,502	200,000	200,000	125,000	100,000	105,581
	Agrivoltaics	-	500,000	1,000,000	2,000,000	5,000,000	18,500,000
	Advanced Renewable Energy	2,837,698	-	-	-	-	-
	NYS Generation Attributes Tracking System	688,443	101,490	-	-	-	-
	NYSERDA PV incentives	5,319,821	-	-	-	-	-
Energy Efficiency / Building Electrification	Clean Energy Workforce Opportunity Program	15,000,000	-	-	-	-	-
	LIPA Efficiency and RE	269,600,000	20,000,000	20,000,000	20,000,000	20,000,000	-
	Energy Storage (LIPA territory)	3,547,561	1,600,000	3,100,000	3,100,000	1,578,873	-
	EmPower Plus	68,158,285	30,000,000	30,000,000	45,000,000	30,000,000	3,317,620
	Pilot Projects with Municipal Utilities	-	500,000	1,500,000	1,000,000	-	-
	Disadvantaged Communities Schools and Affordable Housing	307,667	1,000,000	3,200,000	14,900,000	12,600,000	27,392,333
	Multifamily Low Carbon Capital Planning / Pathway Projects	-	500,000	4,000,000	5,000,000	5,000,000	10,500,000
	Community Thermal Energy Networks	-	4,000,000	1,855,000	3,300,000	2,750,000	9,795,000
	Building Retrofit and New Construction Challenges	-	-	500,000	1,750,000	3,250,000	50,500,000
	Climate Resiliency Implementation Planning	-	-	1,000,000	3,000,000	3,000,000	13,000,000
	Support for 2 Million Homes Goal	-	-	-	6,000,000	7,000,000	12,000,000
	Multifamily Performance Program	14,773,871	50,000	50,000	50,000	50,000	72,812
	Multifamily Carbon Emissions Reduction	5,833,019	-	-	-	-	-
	Solar Thermal incentive	4,226,947	-	-	-	-	-
	Municipal Water/Wastewater	1,245,242	-	-	-	-	-
	Innovative Finance & Risk Management	-	-	-	500,000	1,000,000	4,500,000
	Clean Heat Consortium	-	-	600,000	1,500,000	2,000,000	7,900,000
Green Residential Buildings	2,744,601	-	-	-	-	-	
Innovative GHG Abatement Strategies	Southern Tier Competition (76 West)	10,720,193	279,807	-	-	-	-
	Brookhaven National Lab- ION Collidor	24,999,638	362	-	-	-	-
	Electric Vehicle/Charge NY	77,004,030	20,000,000	40,000,000	35,000,000	35,000,000	44,295,970
	Advanced Buildings & Industrial Innovations	10,884,772	320,000	220,000	200,000	200,000	1,482,882
	Climate Research & Analysis	8,659,462	69,834	-	-	-	-
	Competitive GHG Reduction Pilot	972,650	-	-	-	-	-
	Clean Energy Business Development	5,721,023	-	100,000	500,000	1,000,000	3,888,964
	Transportation Research	3,801,867	17,444	-	-	-	-
	Natural Carbon Solutions	-	-	800,000	3,000,000	3,200,000	5,000,000
	Equity and Climate Transformation Research	101,913	450,000	700,000	800,000	548,087	-
	Climate Mitigation and Resilience Research	933,519	100,000	400,000	66,481	-	-
	Scoping Plan Implementation Research	-	4,000,000	3,000,000	3,000,000	3,000,000	7,000,000
	Hydrogen Hubs	-	3,000,000	500,000	500,000	500,000	500,000
	PV Manufacturing consortium	8,480,000	-	-	-	-	-
Carbon Sequestration	1,000,000	-	-	-	-	-	
Community Clean Energy	Cleaner Greener Communities	77,189,454	2,500,000	3,056,000	3,000,000	3,000,000	616,441
	Clean Energy Communities	2,186,705	500,000	640,000	3,700,000	3,700,000	9,546,415
	Climate Smart Communities	5,718,975	400,000	720,000	836,024	-	-
	Community Energy Engagement	1,392,651	7,349	-	-	-	-
	Economic Development Growth Extension	5,566,123	50,000	50,000	176,924	-	-
	Energy to Lead	1,893,962	500,000	500,000	106,038	-	-
	Renewable/Net-Zero Energy Demonstrations	5,000,000	500,000	500,000	500,000	500,000	500,000
	Healthy New Home Design & Construction Challenge	-	-	-	500,000	1,000,000	11,550,000
	Clean Energy Workforce Development	2,415,245	3,000,000	21,800,000	10,000,000	10,000,000	36,784,755
	Clean Energy Hubs	845,697	3,500,000	3,500,000	4,000,000	4,000,000	12,854,303
	Climate Action Consumer Awareness & Education	555,046	1,500,000	10,000,000	4,400,000	5,044,954	-
Air Monitoring	3,000,000	5,000,000	-	-	-	-	
Regional Economic Development & GHG Reduction	10,237,430	-	9,013	-	-	-	
Directed	NYS Environmental Tax Credits	179,000,000	-	-	-	-	-
	NYS Environmental Protection Fund	15,000,000	5,000,000	5,000,000	5,000,000	5,000,000	-
	Electric Generation Facility Cessation Mitigation	45,133,381	1,342,000	1,000,000	3,710,000	7,145,000	15,669,619
	Green Jobs-Green NY- Original Legislation	112,000,000	-	-	-	-	-
	Green Jobs-Green NY- Additional Funding	184,662,249	14,300,560	14,800,560	16,500,000	20,000,000	-
	Transfer to Clean Energy Standard	719,424	-	-	-	-	-
	NYS Budget Transfer	90,000,000	-	-	-	-	-
	NYS Temporary Budget Transfer	4,664,233	(3,306,082)	(1,358,151)	-	-	-
	Federal Program Match Opportunities	-	1,000,000	5,000,000	15,000,000	10,000,000	99,664,544
CEF	Transfer to Clean Energy Fund	186,226,804	22,000,000	22,000,000	19,773,196	-	-
	Transfer to NY Green Bank	-	-	-	-	-	-
Administration and Other Non-Program Costs	Program Administration	57,430,358	16,500,000	21,321,667	21,321,667	21,321,667	2,466,001
	Program Evaluation	6,635,712	450,000	1,000,000	1,000,000	1,000,000	9,069,717
	Commensurate Benefit/Litigation reserve	21,900,366	-	-	-	-	-
	RGGI Inc Startup Costs	1,598,204	-	-	-	-	-
	RGGI Inc pro-rata costs	9,961,114	825,000	825,000	825,000	825,000	872,553
	State Cost Recovery	15,807,077	1,241,890	1,771,235	2,131,902	1,988,945	4,372,644
<b>Total Expenses</b>	<b>1,666,900,566</b>	<b>171,006,154</b>	<b>232,280,324</b>	<b>273,192,232</b>	<b>241,032,158</b>	<b>485,933,390</b>	
Cash Increase/(Decrease)	335,263,596	97,104,827	23,352,990	(16,128,837)	46,340,814	(485,933,390)	
<b>Cash Balance</b>	<b>335,263,596</b>	<b>432,368,422</b>	<b>455,721,413</b>	<b>439,592,576</b>	<b>485,933,390</b>	<b>0</b>	

**Note:** \*Totals may not sum exactly due to rounding. Fiscal years begin on April 1<sup>st</sup> and end on March 31<sup>st</sup>.

Appendix 1

January 2023 Operating Plan Revenues and Program Funding Allocations Compared to Actuals/Projections

Category	Program	FY 22-23 Plan	FY 22-23 Actual
<b>Proceeds</b>	Number of allowances	21,132,232	21,132,232
	Allowance price	\$12.78	\$13.22
	RGGI Auction Proceeds	270,043,962	279,362,986
	Interest Earnings	7,815,000	6,999,044
	<b>Total Revenues</b>	<b>277,858,962</b>	<b>286,362,030</b>
<b>Renewable Energy</b>	NY-Sun Statewide Customer Incentives	1,000,000	1,000,000
	NY-Sun Long Island SEEF Incentives	-	-
	NY-Sun Long Island incentives	-	-
	Residential PV Plus Storage	-	-
	Renewable Heat NY	-	-
	Agrivoltaics	-	-
	Advanced Renewable Energy	-	-
	NYS Generation Attributes Tracking System	-	-
	NYSERDA PV incentives	-	-
<b>Energy Efficiency / Building Electrification</b>	Clean Energy Workforce Opportunity Program	-	-
	LIPA Efficiency and RE	20,000,000	20,000,000
	Energy Storage (LIPA territory)	-	-
	EmPower Plus	16,000,000	16,000,000
	Pilot Projects with Municipal Utilities	1,000,000	1,000,000
	Disadvantaged Communities Schools and Affordable Housing	12,600,000	12,600,000
	Multifamily Low Carbon Capital Planning / Pathway Projects	-	-
	Community Thermal Energy Networks	5,000,000	5,000,000
	Building Retrofit and New Construction Challenges	-	-
	Climate Resiliency Implementation Planning	-	-
	Support for 2 Million Homes Goal	-	-
	Multifamily Performance Program	-	-
	Multifamily Carbon Emissions Reduction	-	-
	Solar Thermal incentive	-	-
	Municipal Water/Wastewater	-	-
	Green Residential Buildings	-	-
<b>Innovative GHG Abatement Strategies</b>	Southern Tier Competition (76 West)	-	-
	Brookhaven National Lab- ION Collider	-	-
	Electric Vehicle/Charge NY	42,400,000	42,400,000
	Advanced Buildings & Industrial Innovations	-	-
	Climate Research & Analysis	-	-
	Competitive GHG Reduction Pilot	-	-
	Clean Energy Business Development	-	-
	Transportation Research	-	-
	Natural Carbon Solutions	2,000,000	2,000,000
	Equity and Climate Transformation Research	800,000	800,000
	Climate Mitigation and Resilience Research	500,000	500,000
	Scoping Plan Implementation Research	-	-
	Hydrogen Hubs	-	-
	PV Manufacturing consortium	-	-
		Carbon Sequestration	-
<b>Community Clean Energy</b>	Cleaner Greener Communities	-	-
	Clean Energy Communities	3,000,000	3,000,000
	Climate Smart Communities	-	-
	Community Energy Engagement	2,000,000	2,000,000
	Economic Development Growth Extension	-	-
	Energy to Lead	-	-
	Renewable/Net-Zero Energy Demonstrations	500,000	500,000
	Healthy New Home Design & Construction Challenge	1,000,000	1,000,000
	Clean Energy Workforce Development	2,000,000	2,000,000
	Clean Energy Hubs	10,700,000	10,700,000
	Climate Action Consumer Awareness & Education	1,500,000	1,500,000
	Air Monitoring	-	-
		Regional Economic Development & GHG Reduction	-
<b>Directed</b>	NYS Environmental Tax Credits	-	-
	NYS Environmental Protection Fund	5,000,000	5,000,000
	Electric Generation Facility Cessation Mitigation/ Just Transition	-	-
	Green Jobs-Green NY- Original Legislation	-	-
	Green Jobs-Green NY- Additional Funding	29,936,974	29,936,974
	Transfer to Clean Energy Standard	-	-
	NYS Budget Transfer	-	-
	NYS Temporary Budget Transfer	-	-
	Federal Program Match Opportunities	-	-
<b>CEF</b>	Transfer to(from) Clean Energy Fund	22,000,000	22,000,000
<b>Administration and Other Non-Program Costs</b>	Program Administration	12,800,000	12,800,000
	Program Evaluation	1,000,000	1,000,000
	Commensurate Benefit/Litigation reserve	-	-
	RGGI Inc Startup Costs	-	-
	RGGI Inc pro-rata costs	825,000	825,000
	State Cost Recovery	2,700,440	1,985,819
	<b>Total Funding Allocations</b>	<b>196,262,414</b>	<b>195,547,793</b>
	Unprogrammed/(Overcommitment)	81,596,548	90,814,237
	<b>Cumulative Unprogrammed(Overcommitment)</b>	<b>158,513,727</b>	<b>167,731,415</b>



Appendix 2

RGGI Commitments Benefiting Disadvantaged Communities

SUBJECT TO CLCPA

Category	Program	Cumulative	Estimated LMI/	%	SUBJECT TO CLCPA			Total
		Commitments	Disadvantaged		Post-2019	Estimated LMI/	%	
		12/31/19	Community Benefit		Commitments	Community Benefit		
Renewable Energy	NY-Sun Statewide Customer Incentives	9,706,046	3,397,116	35%	74,113,954	25,939,884	35%	83,820,000
	NY-Sun Long Island SEEF Incentives	1,249,272	-	0%	11,250,728	9,000,582	80%	12,500,000
	NY-Sun Long Island incentives	51,200,565	-	0%	3,799,435	-	0%	55,000,000
	Residential PV Plus Storage	-	-	40%	9,000,000	3,600,000	40%	9,000,000
	Renewable Heat NY	9,634,826	-	0%	665,257	-	0%	10,300,083
	Agrivoltaics	-	-	-	27,000,000	4,050,000	15%	27,000,000
	Advanced Renewable Energy	2,837,698	-	0%	-	-	0%	2,837,698
	NYS Generation Attributes Tracking System	789,933	-	0%	-	-	0%	789,933
	NYSERDA PV Incentives	5,319,821	-	0%	-	-	0%	5,319,821
Energy Efficiency / Building Electrification	Clean Energy Workforce Opportunity Program	15,000,000	-	0%	-	-	0%	15,000,000
	LIPA Efficiency and RE	204,600,000	61,380,000	30%	145,000,000	50,750,000	35%	349,600,000
	Energy Storage (LIPA territory)	301,575	-	0%	12,624,859	-	0%	12,926,434
	NYC Retail Storage	-	-	0%	-	-	40%	-
	EmPower Plus	52,857,971	52,857,971	100%	153,617,934	107,532,554	70%	206,475,905
	Pilot Projects with Municipal Utilities	-	-	35%	3,000,000	1,050,000	35%	3,000,000
	Disadvantaged Communities Schools and Affordable Housing	-	-	100%	59,400,000	59,400,000	100%	59,400,000
	Multifamily Low Carbon Capital Planning / Pathway Projects	-	-	45%	25,000,000	15,000,000	60%	25,000,000
	Community Thermal Energy Networks	-	-	66%	21,700,000	8,680,000	40%	21,700,000
	Building Retrofit and New Construction Challenges	-	-	35%	56,000,000	33,600,000	60%	56,000,000
	Climate Resiliency	-	-	40%	20,000,000	8,000,000	40%	20,000,000
	Support for 2 Million Homes Goal	-	-	35%	25,000,000	4,500,000	40%	25,000,000
	Multifamily Performance Program	15,046,683	-	0%	-	-	0%	15,046,683
	Multifamily Carbon Emissions Reduction	5,833,019	-	0%	-	-	0%	5,833,019
	Solar Thermal incentive	4,226,947	-	0%	-	-	0%	4,226,947
	Municipal Water/Wastewater	1,245,242	-	0%	-	-	0%	1,245,242
	Innovative GHG Abatement Strategies	Innovative Finance & Risk Management	-	-	0%	6,000,000	-	0%
Clean Heat Consortium		-	-	0%	12,000,000	4,800,000	40%	12,000,000
Green Residential Buildings		2,744,601	-	0%	-	-	0%	2,744,601
Southern Tier Competition (76 West)		10,262,850	-	0%	737,150	-	0%	11,000,000
Brookhaven National Lab- ION Collider		25,000,000	-	0%	-	-	0%	25,000,000
Electric Vehicle/Charge NY		11,188,399	-	0%	240,111,601	60,027,900	25%	251,300,000
Advanced Buildings & Industrial Innovations		13,307,654	-	0%	-	-	0%	13,307,654
Climate Research & Analysis		8,729,296	-	0%	-	-	0%	8,729,296
Competitive GHG Reduction Pilot		972,650	-	0%	-	-	0%	972,650
Clean Energy Business Development		5,809,987	-	0%	5,400,000	2,700,000	50%	11,209,987
Transportation Research		3,819,311	-	0%	-	-	0%	3,819,311
Natural Carbon Solutions		-	-	50%	12,000,000	6,000,000	50%	12,000,000
Equity and Climate Transformation Research		-	-	100%	2,600,000	2,600,000	100%	2,600,000
Climate Mitigation and Resilience Research	-	-	0%	1,500,000	-	0%	1,500,000	
Scoping Plan Implementation Research	-	-	-	20,000,000	8,000,000	40%	20,000,000	
Hydrogen Hubs	-	-	-	5,000,000	1,750,000	35%	5,000,000	
PV Manufacturing consortium	8,480,000	-	0%	-	-	0%	8,480,000	
Carbon Sequestration	1,000,000	-	0%	-	-	0%	1,000,000	
Community Clean Energy	Cleaner Greener Communities	94,261,895	-	0%	(4,900,000)	-	0%	89,361,895
	Clean Energy Communities	2,086,963	-	0%	18,186,157	9,093,079	50%	20,273,120
	Climate Smart Communities	5,321,157	-	0%	2,353,842	-	0%	7,674,999
	Community Energy Engagement	675,730	-	0%	724,270	586,659	81%	1,400,000
	Economic Development Growth Extension	5,562,723	-	0%	280,324	-	0%	5,843,047
	Energy to Lead	3,000,000	-	0%	-	-	0%	3,000,000
	Renewable/Net-Zero Energy Demonstrations	3,000,000	-	0%	4,500,000	-	0%	7,500,000
	Healthy New Home Design & Construction Challenge	-	-	0%	13,050,000	4,567,500	35%	13,050,000
	Clean Energy Workforce Development	-	-	0%	84,000,000	38,640,000	46%	84,000,000
	Clean Energy Hubs	-	-	100%	28,700,000	28,700,000	100%	28,700,000
	Climate Action Consumer Awareness & Education	-	-	50%	21,500,000	10,750,000	50%	21,500,000
	Air Monitoring	-	-	100%	8,000,000	8,000,000	100%	8,000,000
	Regional Economic Development & GHG Reduction	10,246,443	-	0%	-	-	0%	10,246,443
Directed	NYS Environmental Tax Credits	133,000,000	19,950,000	15%	46,000,000	6,900,000	15%	179,000,000
	NYS Environmental Protection Fund	-	-	35%	35,000,000	12,250,000	35%	35,000,000
	Electric Generation Facility Cessation Mitigation/ Just Transition	30,000,000	30,000,000	100%	44,000,000	44,000,000	100%	74,000,000
	Green Jobs-Green NY- Original Legislation	112,000,000	39,200,000	35%	-	-	35%	112,000,000
	Green Jobs-Green NY- Additional Funding	105,025,275	36,758,846	35%	145,238,094	50,833,333	35%	250,263,369
	Transfer to Clean Energy Standard	719,424	-	0%	-	-	0%	719,424
NYS Budget Transfer	90,000,000	-	0%	-	-	0%	90,000,000	
Federal Program Match Opportunities	-	-	0%	130,664,544	52,265,818	40%	130,664,544	
<b>SUBTOTAL</b>		<b>1,066,063,956</b>	<b>243,543,933</b>	<b>23%</b>	<b>1,529,818,149</b>	<b>683,567,308</b>	<b>45%</b>	<b>2,595,882,105</b>
Administration and Other Non-Program Costs	CEF Transfer to/from Clean Energy Fund	73,790,932	-	-	176,209,068	-	-	250,000,000
	Program Administration	31,931,071	-	-	108,430,288	-	-	140,361,359
	Program Evaluation	5,999,519	-	-	13,155,910	-	-	19,155,429
	Commensurate Benefit/Litigation reserve	21,900,366	-	-	-	-	-	21,900,366
	RGGI Inc Startup Costs	1,598,204	-	-	-	-	-	1,598,204
	RGGI Inc pro-rata costs	7,746,048	-	-	6,387,619	-	-	14,133,667
	State Cost Recovery	12,606,619	-	-	14,707,074	-	-	27,313,693
<b>SUBTOTAL</b>		<b>155,572,759</b>			<b>318,889,959</b>		<b>474,462,718</b>	
<b>TOTAL</b>		<b>1,221,636,715</b>			<b>1,848,708,108</b>		<b>3,070,344,823</b>	

Resolution No. \_\_\_\_\_

RESOLVED, that revisions to the “Operating Plan for Investments in New York Under the CO<sub>2</sub> Budget Trading Program and the CO<sub>2</sub> Allowance Auction Program” as presented to the Members for consideration at this January 24, 2024 meeting, with such non-substantive, editorial changes and supplementary schedules as the President and Chief Executive Officer, in their discretion, may deem necessary or appropriate, are approved.

**WASTE AND FACILITIES  
MANAGEMENT  
COMMITTEE  
(Oral Report)**

**AUDIT AND FINANCE  
COMMITTEE  
(Oral Report)**

FOLLOW-UP REPORT- ON  
PROPOSED CODES  
RULEMAKING  
(Oral Report)

PROGRAM REPORT  
(Oral Report)

## Periodic Contracts Approvals

Contracts executed or modified during the period - 8/16/2023  
to 12/15/2023

	<b>Count of Contracts</b>	<b>Committed this Period</b>
<b>Procurement Contracts &gt; 1year</b>	130	\$27.3M
<b>Competitive Program Contracts &gt; \$3M</b>	10	\$53.3M
<b>Grand Total</b>	140	\$80.6M

**Contracts anticipated to be executed or modified during the period - 8/16/2023 to 12/15/2023**

	<b>Count of Contracts</b>	<b>Anticipated Amount</b>
<b>Procurement Contracts &gt; 1year</b>	37	\$19.6M
<b>Competitive Program Contracts &gt; \$3M</b>	10	\$49.9M
<b>Non-competitive Program Contracts &gt; \$1M</b>	1	\$0.4M
<b>Grand Total</b>	48	\$69.9M



**NYSERDA PERIODIC CONTRACTS APPROVAL REPORT:**  
**Section 1 Summary - 8/16/2023 to 12/15/2023**

<b>Category</b>	<b>Report Type</b>	<b>Type</b>	<b>Count of Contracts</b>	<b>Committed this period</b>
<b>PCMT</b>	Procurement	Competitive	94	\$23,475,506
		Discretionary	25	\$1,861,029
		Non-Competitive	11	\$1,962,158
	<b>Total</b>		130	\$27,298,693
<b>PGRM</b>	Procurement	Competitive	10	\$53,344,010
		<b>Total</b>	10	\$53,344,010
<b>Grand Total</b>			140	\$80,642,704

NYSDERDA PERIODIC CONTRACTS APPROVAL REPORT - 8/16/2023 to 12/15/2023

Category	Initiative	Type	Term > 1 Year	Contract ID	Contractor	Contract Description	Date	Committed this period	Committed to Date	Amt Paid this Period	Amt Paid to Date
PCMT		Competitive	Y	149702	Hodgson Russ LLP	RFP 12 - NYGB Legal Services	12/31/2019	\$504	\$21,820	\$21,820	\$21,820
		Competitive	Y	192890	Kelliher Samets LTD	TWO 8 - Induction Cooking	08/26/2022	\$472,060	\$792,060	\$70,297	\$371,605
		Competitive	Y	194108	Illume Advising LLC	TWO 1 - CJWG Facilitation	09/14/2022	\$200,000	\$400,000	\$38,333	\$178,805
		Competitive	Y	219450	Energy and Environmental Economics Inc.	TWO #5 CPRG Support	10/26/2023	\$400,000	\$400,000		
		Competitive	Y	219804	Center for Sustainable Energy	TWO #3 - School Bus Incentive	11/01/2023	\$40,000	\$40,000		
		Competitive	Y	222444	Dewberry Engineers Inc	TWO 1 - Climate Risk Assesssme	12/14/2023	\$100,000	\$100,000		
		Discretionary	Y	222514	Citadel SPV LLC	Citadel AOE Services Agreement	12/14/2023	\$50,000	\$50,000		
Air Source Heat Pumps		Discretionary	Y	215002	Owahgena Consulting, Inc.	Technical Consulting Support	08/15/2023	\$50,000	\$50,000		
		Discretionary	Y	215003	Bruce Harley Energy Consulting LLC	Technical Support	08/15/2023	\$50,000	\$50,000	\$338	\$338
BR: Program Implementation		Competitive	Y	216067	Couch White, LLP	TWO 6 - BR Interconnection	08/30/2023	\$50,000	\$50,000	\$2,299	\$2,299
		Competitive	Y	216070	Carter Ledyard & Milburn LLP	TWO 8 - BR Public Lands	08/31/2023	\$35,000	\$35,000	\$8,459	\$8,459
		Competitive	Y	216071	Mintzer Mauch PLLC	TWO 4 - BR Public Lands	08/31/2023	\$15,000	\$15,000	\$14,796	\$14,796
		Competitive	Y	219445	Hodgson Russ LLP	TWO 7 - BR Procurement/Tax	10/26/2023	\$50,000	\$50,000		
		Competitive	Y	219448	Hodgson Russ LLP	TWO 8 - Brownfield Tax	10/26/2023	\$50,000	\$50,000		
Clean Energy Communities		Competitive	Y	104544A	Opinion Dynamics Corporation	RFQ3183 Umbrella Agreement	04/03/2019	\$16,585	\$1,129,455	\$113,903	\$823,809
		Competitive	Y	177157	Randstad North America, Inc.	Payroll Services	11/17/2021	\$16,838	\$222,072	\$30,736	\$192,074
Clean Energy Hub		Competitive	Y	217719	Kelliher Samets LTD	TWO 36 -Clean Energy Hubs Mktg	09/26/2023	\$600,000	\$600,000		
CLEAN TRANSPORTATION		Competitive	Y	207078	Center for Sustainable Energy	TWO #1 - CSE Drive Clean	04/18/2023	\$1,400,000	\$2,250,000	\$395,470	\$395,470
		Competitive	Y	220936	Center for Sustainable Energy	TWO #5 - Truck Voucher	11/17/2023	\$415,000	\$415,000		
Cleantech Ignition		Competitive	Y	151220	Mintz, Levin, Cohn, Ferris, Glosky and	RFP 12 - NYGB Legal Services	02/11/2020	\$7,931	\$109,374		\$101,148
Code to Zero		Competitive	Y	104542	The Cadmus Group, LLC	RFQ3183 Umbrella Agreement	10/05/2016	\$191,358	\$2,819,623	\$77,749	\$2,497,302
Consumer Ed and Market Support		Competitive	Y	198803	Kelliher Samets LTD	TWO 18 - Single Family Mktg	11/28/2022	\$3,400,000	\$4,140,925	\$208,345	\$555,969
Direct Injection Program		Competitive	Y	195558	258 West 97th Street Housing Development	HPD Fortune Castle	10/07/2022	\$845,171	\$845,171		
ENERGY ANALYSIS		Competitive	Y	135251	Industrial Economics, Incorporated	TWO 1 EE Supply Curve Analysis	12/17/2018	\$35,000	\$543,668	\$2,216	\$479,446
		Competitive	Y	147152	TRC Energy Services	SA.053a_TWO #20 - EEA	11/05/2019	\$172,695	\$800,401	\$62,097	\$624,625
		Competitive	Y	182702	The Cadmus Group, LLC	TWO #1 BEEM Revision	03/15/2022	\$100,000	\$450,000	\$127,484	\$449,999
		Competitive	Y	211335	Evolution Markets, Inc	CSAPR Broker Services	06/21/2023	\$450,000	\$450,000		
		Competitive	Y	218254	ICF Incorporated LLC	TWO 2 - Embodied Emissions Po	10/06/2023	\$300,000	\$300,000		
		Discretionary	Y	215085	Rudy Stegemoeller	Support for Policy Development	08/15/2023	\$200,000	\$200,000		
Environmental Research		Competitive	Y	155698	Eastern Research Group, Inc.	TWO #2 Coordinator Assessment	07/13/2020	\$825,000	\$4,027,027	\$635,380	\$3,415,362
		Competitive	Y	195228	The Cadmus Group, LLC	TWO 14 - Heat Adaptation Plan	10/04/2022	\$368,000	\$1,168,000	\$244,909	\$695,873
		Discretionary	Y	160006	Ithaca College	Methane emissions measurements	10/26/2020	\$38,865	\$136,960	\$5,966	\$91,194
ESTOR: Implementation Support		Competitive	Y	180711	Energy and Environmental Economics Inc.	TWO5 Energy Storage Roadmap 2	02/02/2022	\$50,000	\$553,404	\$29,752	\$527,222
Eval MCDC StatewideSingleF LMI		Competitive	Y	216912	DNV Energy Insights USA Inc.	TWO #5 LMI Res Retrofit Impact	09/14/2023	\$1,016,465	\$1,016,465		
Eval MCDC: Low Inc Engy Bill		Competitive	Y	209827	Apprise, Incorporated	TWO 4 - LIEBUS	05/31/2023	\$105,400	\$394,920	\$54,902	\$71,656
EVPRZ:Implementation		Competitive	Y	164651	TRC Energy Services	SA.071_TWO#20_Clean Trans_PM-1	02/18/2021	\$53,501	\$669,734	\$78,013	\$519,028
G1022:SEPBIL Industry EcoDev		Competitive	Y	218940	Kelliher Samets LTD	TWO 37 - EconDev Mktg	10/18/2023	\$500,000	\$500,000	\$12,580	\$12,580
Gas Innovation Studies		Competitive	Y	220371	Ramboll Americas Engineering Solutions,	TWO 3 DPS UTEN Technical Suppt	11/09/2023	\$999,045	\$999,045		
GJGNV REVOLVING LOAN FUND		Discretionary	Y	202386	Slipstream Group, Inc.	Small Commercial Financing	01/24/2023	\$46,150	\$46,150		
Grid ClimateTech Ready Capital		Competitive	Y	215374	ICF Incorporated LLC	TWO 14 - Resilience Metrics	06/21/2023	\$459,424	\$459,424	\$31,495	\$31,495
Hydrogen Innovation		Non-Competiti..	Y	217035	Alliance for Sustainable Energy, LLC	TWO #10 New York State Feasibi	09/18/2023	\$923,000	\$923,000		
Intelligent Buildings		Discretionary	Y	215267	Bright Building LLC	Support for Intelligent Bldgs	08/17/2023	\$400,000	\$400,000	\$43,400	\$43,400
Low Carbon Tech Demos		Competitive	Y	198937	Kelliher Samets LTD	TWO 27 - Low Carbon Pathways	11/29/2022	\$66,100	\$88,473	\$17,521	\$22,373
Market Support Tools &Activity		Competitive	Y	219893	Allegheny Science & Technology Corporati	Consultant for Residential IRA	11/02/2023	\$749,655	\$749,655		
		Competitive	Y	220466	Performance Systems Development	Expand and validate Category 6	11/10/2023	\$1,249,129	\$1,249,129		
		Non-Competiti..	Y	213961	ACEEE	Market Support Tools &Activity	07/27/2023	\$40,000	\$40,000	\$20,000	\$20,000
Multifam Performance Pgm		Competitive	Y	ADH0014391	TRC Energy Services	SA.012_TWO #5_MF_PM	02/25/2021	\$175,000	\$421,037	\$54,889	\$213,626
		Competitive	Y	ADH0014394	TRC Energy Services	SA.014_TWO #7_MF_PM	02/25/2021	\$100,000	\$396,343	\$39,812	\$228,302
		Competitive	Y	ADH0014395	TRC Energy Services	SA.016_TWO #8_MF_APM	02/25/2021	\$65,000	\$147,689	\$45,618	\$66,307
		Competitive	Y	ADH0014399	TRC Energy Services	SA.017_TWO #9_MF_APM	02/25/2021	\$190,000	\$554,518	\$57,318	\$322,815
Net Zero Energy for Eco Dev		Competitive	Y	177105	People United for Sustainable Housing In	CNCD-PUSH -Sustainability Wor	11/16/2021	\$137,817	\$137,817		

NYSDA PERIODIC CONTRACTS APPROVAL REPORT - 8/16/2023 to 12/15/2023

Category	Initiative	Type	Term > 1 Year	Contract ID	Contractor	Contract Description	Date	Committed this period	Committed to Date	Amt Paid this Period	Amt Paid to Date
PCMT	New Construction Housing	Competitive	Y	198050	TRC Energy Services	SA.040_TWO #36-New Con_PM-1	11/16/2022	\$18,000	\$122,676	-\$5,836	\$65,200
		Competitive	Y	198801	Kellihier Samets LTD	TWO 16 - Bldgs of Excellence	11/28/2022	\$50,000	\$360,712	\$141,839	\$314,326
		Competitive	Y	ADH0014925	Arcadis of New York, Inc.	SA.039_TWO #2_New Con_PM	02/24/2021	\$32,000	\$32,000		\$0
		Competitive	Y	ADH0014933	Arcadis of New York, Inc.	SA.039_TWO #3_New Con_PM	02/24/2021	\$26,000	\$26,000		\$0
		Competitive	Y	ADH0014941	TRC Energy Services	SA.042_TWO#17 - NCP NYC PM	12/03/2020	\$46,560	\$664,107	\$65,786	\$476,132
		Non-Competiti..	Y	221625	The Architectural League of New York	Blue Ribbon Design Jury BOE R4	11/29/2023	\$50,000	\$50,000		
NEW YORK GREEN BANK	Non-Competiti..	Y	98838	DealCloud Inc.	DealCloud Licensing	05/24/2016	\$5,871	\$768,165	\$5,871	\$768,165	
Novel Bus Models & Offers	Discretionary	Y	216068	Eckholm Studios	Climate Technology Solutions	08/31/2023	\$198,000	\$198,000	\$48,000	\$48,000	
NYCH: Consumer Awareness	Competitive	Y	200583	TRC Engineers, Inc.	TWO #5 - Co-Op Shared Services	12/20/2022	\$45,000	\$128,823	\$22,227	\$52,319	
NYCH: Supply Chain	Competitive	Y	186623	Kellihier Samets LTD	TWO 3 - Clean Heat Connect	05/24/2022	\$400,000	\$638,500	\$182,680	\$394,532	
NYSDA ADMINISTRATION	Competitive	Y	109917	BDO USA LLP	Background Investigation Servi	02/07/2017	\$30,000	\$247,170	\$30,000	\$237,970	
	Competitive	Y	152081	ADP, Inc.	ADP Payroll and HR Services	03/03/2020	\$1,000	\$434,592	\$35,685	\$283,250	
	Competitive	Y	159691	CVENT, Inc.	Event Management/Virtual Event	10/19/2020	\$9,644	\$240,945	\$45,860	\$240,945	
	Competitive	Y	173007	Tech Valley Talent, LLC	TWO #11 Info Security Services	08/20/2021	\$204,750	\$600,600	\$86,718	\$440,155	
	Competitive	Y	174853	Tech Valley Talent, LLC	TWO #14 Salesforce BA - Robles	09/30/2021	\$218,400	\$655,200	\$67,494	\$416,353	
	Competitive	Y	178068	Delta Dental of New York	Delta Dental Prem. 2022-23	12/07/2021	\$47,086	\$697,086	\$64,025	\$632,570	
	Competitive	Y	180164	Bond, Schoeneck & King, PLLC	TWO 6 HR Counsel Services	01/20/2022	\$25,000	\$100,000	\$18,843	\$70,593	
	Competitive	Y	185501	Raj Technologies Inc.	Private Cloud Hosting	05/06/2022	\$19,135	\$1,382,169	\$169,911	\$702,179	
	Competitive	Y	188858	Tech Valley Talent, LLC	TWO #21 Salesforce Dev. Magesh	06/29/2022	\$203,840	\$407,680	\$65,527	\$220,373	
	Competitive	Y	192880	Unique Comp Inc.	TWO #8 Tableau Dev. Yogi P	08/25/2022	\$51,090	\$303,396	\$66,810	\$227,842	
	Competitive	Y	198150	TRC Engineers, Inc.	TWO #3 Call Center SS	11/17/2022	\$470,286	\$1,145,248	\$155,665	\$346,389	
	Competitive	Y	200377	Verizon Wireless	Verizon Wireless Cellular 1 yr	12/19/2022	\$1,312	\$91,093	\$27,900	\$91,093	
	Competitive	Y	203130	Harris Beach PLLC	TWO 5 - Edelweiss Fund	02/07/2023	\$20,000	\$30,000	\$18,750	\$18,750	
	Competitive	Y	213143	Carter Ledyard & Milburn LLP	TWO 7 - Board Liability	07/17/2023	\$2,500	\$10,000	\$9,730	\$9,730	
	Competitive	Y	215811	Carahsoft Technology Corporation	Endpoint Security Service	08/28/2023	\$75,000	\$75,000	\$75,000	\$75,000	
	Competitive	Y	216066	ESRI, Incorporated	ArcGIS Desktop and Server 1yr	08/30/2023	\$26,820	\$26,820	\$26,820	\$26,820	
	Competitive	Y	216536	Bond, Schoeneck & King, PLLC	TWO 12 - HR Invest	09/08/2023	\$10,000	\$10,000	\$2,522	\$2,522	
	Competitive	Y	216538	Bond, Schoeneck & King, PLLC	TWO 13 - Employee Training	09/08/2023	\$50,000	\$50,000	\$20,973	\$20,973	
	Competitive	Y	217024	Gartner Inc.	Gartner 2024 Renewal	09/15/2023	\$44,416	\$44,416			
	Competitive	Y	217321	Zones LLC	SMARTnet - Maintenance 23 - 24	09/20/2023	\$21,806	\$21,806	\$21,806	\$21,806	
	Competitive	Y	218652	Frontier Communications of New York, In	Frontier Communications WV	10/12/2023	\$8,951	\$8,951			
	Competitive	Y	219104	ePlus inc	VMware NSX Load Balancer	10/23/2023	\$18,072	\$18,072	\$18,072	\$18,072	
	Competitive	Y	220858	Verizon Wireless	Verizon Wireless Cellular 2024	11/16/2023	\$101,286	\$101,286	\$18,621	\$18,621	
	Discretionary	Y	141800	Employee Leasing of Greater NY	TS016_Marketing TWO	06/25/2019	\$106,080	\$368,080	\$12,442	\$226,196	
	Discretionary	Y	215093	Salary.com, LLC	HR Data Subscription	08/15/2023	\$15,300	\$15,300			
	Discretionary	Y	215271	SHI, Inc.	Keeper Enterprise 1 year	08/17/2023	\$5,957	\$5,957	\$5,957	\$5,957	
	Discretionary	Y	215739	New York State Forum for IRM	NYS Forum Membership 2023 - 20	08/24/2023	\$5,500	\$5,500	\$5,500	\$5,500	
	Discretionary	Y	217026	ThunderCat Technology LLC	Atlassian Jira, Confluence Dat	09/18/2023	\$195,335	\$195,335	\$195,335	\$195,335	
	Discretionary	Y	217636	ThunderCat Technology LLC	Checkmarx licensing, support	09/25/2023	\$68,193	\$68,193	\$68,193	\$68,193	
	Discretionary	Y	217716	ThunderCat Technology LLC	DocuSign Subscription 2024	09/26/2023	\$140,546	\$140,546			
	Discretionary	Y	217718	ThunderCat Technology LLC	Bitbucket and Bamboo renewal	09/26/2023	\$5,925	\$5,925	\$5,925	\$5,925	
	Discretionary	Y	219181	CDATA SOFTWARE, INC.	DBamp Enterprise Edition 1yr	10/24/2023	\$12,739	\$12,739	\$12,739	\$12,739	
	Discretionary	Y	220855	Promantek Inc.	Trackstar License	11/16/2023	\$42,196	\$42,196			
	Discretionary	Y	220937	ZOOMINFO TECHNOLOGIES LLC	Ringlead Renewal - Zoom info	11/17/2023	\$17,916	\$17,916			
Discretionary	Y	220963	Salary.com, LLC	HR Data Subscription	11/17/2023	\$15,300	\$15,300				
Non-Competiti..	Y	125834	Level 3 Communications, LLC	Century Link_Extend Level 3	04/17/2018	\$7,813	\$704,813	\$22,401	\$704,498		
Non-Competiti..	Y	191998	Tech Valley Talent, LLC	TWO #22 Software QA - Adnan	08/11/2022	\$130,000	\$260,000	\$46,045	\$139,461		
Non-Competiti..	Y	219897	Lytho Inc	Lythos 3 year subscription	11/03/2023	\$166,929	\$166,929	\$54,234	\$54,234		
Non-Competiti..	Y	221130	S&P Global Inc.	IHS Market Subscription	11/21/2023	\$65,000	\$65,000				
Non-Competiti..	Y	221438	OwnBackup Inc.	Own backup for Salesforce, Key	11/27/2023	\$58,644	\$58,644				
NYSDA Fixed Asset	Discretionary	Y	214037	Flooring Environment Inc	New Carpet in 17CC Boardroom	07/28/2023	\$5,832	\$5,832	\$5,832	\$5,832	

NYSDERDA PERIODIC CONTRACTS APPROVAL REPORT - 8/16/2023 to 12/15/2023

Category	Initiative	Type	Term > 1 Year	Contract ID	Contractor	Contract Description	Date	Committed this period	Committed to Date	Amt Paid this Period	Amt Paid to Date	
PCMT	OREC: Technical Support	Competitive	Y	175173	Worley Group, Inc.	Determination Study Buy Americ	10/07/2021	\$60,000	\$431,400	\$18,842	\$303,723	
		Competitive	Y	175460	WSP USA Corp.	Suppt Svcs for Solar Dev & Ag	10/13/2021	\$277,000	\$551,295	\$63,692	\$252,077	
		Competitive	Y	214582	The Research Foundation for the State	OSW fisheries stock assessment	08/07/2023	\$362,101	\$362,101			
		Competitive	Y	216821	ECOConcrete Inc	Eval of Eco Scour Protection	09/13/2023	\$356,539	\$356,539			
		Competitive	Y	216911	Keams & West, Inc.	TWO #15 LFTE webinar support	09/14/2023	\$49,933	\$49,933	\$2,965	\$2,965	
		Competitive	Y	217626	Holland & Knight LLP	TWO 8 - CES Contract Amendmts	09/25/2023	\$35,000	\$35,000			
		Competitive	Y	220175	The Cadmus Group, LLC	TWO #17 OSW TWG facilitation	11/07/2023	\$498,338	\$498,338			
		Discretionary	Y	220262	Responsible Offshore Science Alliance	2023 ROSA Membership	11/08/2023	\$50,000	\$50,000	\$50,000	\$50,000	
OTHER PROGRAM AREA	Non-Competiti..	Y	192002	Keams & West, Inc.	TWO 12-H2 Stakeholder Engagmen	08/11/2022	\$460,000	\$1,285,000	\$191,338	\$1,016,207		
Prof & Expert Engagement	Discretionary	Y	196411	Firefly Energy Consulting, LLC	Supp ClnEnegy Interim Review	10/20/2022	\$45,000	\$115,000	\$21,431	\$77,731		
Pub Transit & Elect Rail	Competitive	Y	214292	Kelliher Samets LTD	TWO 35 - Clean Trans Mktng	08/02/2023	\$400,000	\$400,000	\$30,728	\$30,728		
Real Time Enrgy Management		Discretionary	Y	202881	Nexus Labs	Nexus Labs EM Course	02/01/2023	\$50,000	\$50,000	\$35,000	\$35,000	
		Discretionary	Y	215584	Arcadia Power, Inc	RTEM Data Warehouse Dev	08/22/2023	\$46,195	\$46,195			
REC:CES REC System Dev Costs		Competitive	Y	143059	Fusco Personnel, Inc.	TS.007 - LSR_Office Admin	07/30/2019	\$70,614	\$329,085	\$25,572	\$239,122	
		Competitive	Y	204549	Antares Group, Inc.	TWO for 2 ADG Projects RFP2554	03/03/2023	\$2,240	\$14,426	\$2,460	\$14,426	
		Competitive	Y	217131	Arcadis of New York, Inc.	Tech Supp NYGATS - TWO Minibid	09/19/2023	\$150,000	\$150,000			
	Non-Competiti..	Y	215452	Sustainable Energy Advantage, LLC	REMO Subscription	08/21/2023	\$54,900	\$54,900	\$54,900	\$54,900		
RENEWABLE HEAT NY	Competitive	Y	219627	Northeast States for Coordinated Air Use	TWO 2 RESHEAT	10/31/2023	\$450,000	\$450,000				
Retrofit NY	Competitive	Y	200496	Fifth Avenue Committee, Inc.	RetroFitFifth Avenue Committee	12/19/2022	\$50,000	\$70,000				
REV Campus Challenge		Competitive	Y	121106A	The Cadmus Group, LLC	Umbrella Agreement	02/09/2023	\$140,000	\$140,000			
		Competitive	Y	ADH0014678	EME Consulting Engineering Group, LLC	SA.025_TWO #2_Com_PM	02/25/2021	\$318,681	\$318,681	\$0	\$0	
		Competitive	Y	ADH0014703	TRC Energy Services	SA.027_TWO #2_Com_PM	02/25/2021	\$346,607	\$346,607	\$0	\$0	
Strategic Energy Manager	Competitive	Y	ADH0014237	TRC Energy Services	SA.007_TWO #12_EPE_PM	02/25/2021	\$260,000	\$260,000	\$0	\$0		
Tech Assistanc Multifamily LMI		Competitive	Y	215968	EME Consulting Engineering Group, LLC	SA.117 TWO#25-MFRes PM-1	08/29/2023	\$238,533	\$238,533	\$39,435	\$39,435	
		Competitive	Y	215971	EME Consulting Engineering Group, LLC	SA.118 - TWO#26 MFRes PM1	08/29/2023	\$238,533	\$238,533	\$24,214	\$24,214	
		Competitive	Y	218087	Hodgson Russ LLP	TWO 6 - Public Benefit Financi	10/04/2023	\$50,000	\$50,000	\$7,052	\$7,052	
Technical Services	Competitive	Y	174804	EME Consulting Engineering Group, LLC	SA.084_TWO# 15_MF PM-1	09/29/2021	\$240,759	\$553,389	\$66,417	\$291,684		
WEST VALLEY DEVELOPMENT PROGR..	Competitive	Y	155706A	JR & SONS EXCAVATING INC.	Ops and Maintenance	06/30/2022	\$130,000	\$1,971,601	\$132,508	\$1,288,841		
PGRM		Competitive	Y	184800	Cornell Cooperative Extension of Nassau	Long Island Clean Energy Hub	04/25/2022	\$555,000	\$3,928,238	\$0	\$337,323	
		Competitive	Y	155908	Central New York Regional Planning and	Clean Energy Communities	07/17/2020	\$1,815,189	\$5,300,000	\$508,851	\$2,262,941	
		Clean Energy Hub	Competitive	Y	184661	Cornell Cooperative Extension - Tompkins	Regional Clean Energy Hub	04/21/2022	\$555,000	\$3,787,740	\$293,114	\$463,812
			Competitive	Y	184664	Climate Solutions Accelerator of the	Regional Clean Energy Hub	04/21/2022	\$555,000	\$3,840,014	\$265,825	\$763,531
		ENVIRONMENTAL RESEARCH	Competitive	Y	202466	McKinsey & Company, Inc.	RFP5293 GHG Cap & Invest Eval	01/24/2023	\$1,977,000	\$4,077,000	\$1,580,000	\$1,580,000
		Future Grid Perf. Challenges	Competitive	Y	200835	Reactive Technologies USA INC.	Future Grid Perf. Challenges	12/22/2022	\$3,000,000	\$3,000,000		
		HCR Direct Injection	Competitive	Y	177056	Housing Trust Fund Corporation	HCR 2021	11/15/2021	\$16,000,000	\$48,500,000	\$6,047,500	\$27,844,500
		M-Corps	Competitive	Y	205081	SecondMuse LLC	Manufacturing Corps (M-Corps)	03/13/2023	\$3,750,000	\$3,750,000	\$150,000	\$150,000
		NYCH: Technical Assistance	Competitive	Y	216820	TRC Engineers, Inc.	TWO #7 - Single Family Res SS	09/13/2023	\$9,315,213	\$9,315,213		
		REC:CES REC Contracts	Competitive	Y	148793_1	VC Renewables Holdings LLC	ELP Ticonderoga_RESVCO2021	09/26/2023	\$15,821,608	\$15,821,608		
Grand Total							\$80,642,704	\$155,039,443	\$14,099,643	\$57,793,953		

**NYSERDA PERIODIC CONTRACTS APPROVAL REPORT: Contractor Addresses - 8/16/2023 to 12/15/2023**

Contractor	SupplierAddress	SupplierCity	SupplierState	SupplierZipCode	Business Type	WBE	MBE	SDVOB	SBE
258 West 97th Street Housing Development	2976 Northern Blvd	Long Island City	NY	11101	NYSBE				
ACEEE	529 14th St. NW, Suite 600	Washington	DC	20045	FSBE				
ADP, Inc.	PO Box 842875	Boston	MA	02284-2875	FSBE				
Allegheny Science & Technology Corporati	125 PROFESSIONAL PLACE	BRIDGEPORT	WV	26330	FSBE				
Alliance for Sustainable Energy, LLC	15013 Denver West Parkway	Golden	CO	80401	FSBE				
Antares Group, Inc.	4500 Forbes Blvd., Ste 401	Lanham	MD	20706	FSBE				
Apprise, Incorporated	32 Nassau Street, Suite 200	Princeton	NJ	08542	FSBE				
Arcadia Power, Inc	5600 S Quebec St	Greenwood Village	CO	80111	FSBE				
Arcadis of New York, Inc.	6723 Towpath Rd	Syracuse	NY	13214	NYSBE				
BDO USA LLP	PO Box 642743	Pittsburgh	PA	15264-2743	FSBE				
Bond, Schoeneck & King, PLLC	22 Corporate Woods Blvd., Ste 501	Albany	NY	12211-2503	NYSBE				
Bright Building LLC	105 1st. Street	Ithaca	NY	14850	NYSBE				
Bruce Harley Energy Consulting LLC	665 Boulder Road	Stamford	VT	05352	FSBE				
Carahsoft Technology Corporation	11493 Sunset Hills Road	Reston	VA	20190	FSBE				
Carter Ledyard & Milburn LLP	2 Wall Street	New York	NY	10005	NYSBE				
CDATA SOFTWARE, INC.	101 Europa Dr. Suite 110	Chapel Hill	NC	27517	FSBE				
Center for Sustainable Energy	3980 Sherman St., Ste 170	San Diego	CA	92110	FSBE				
Central New York Regional Planning and	Development Board	Syracuse	NY	13202-1065	NYSBE				
Citadel SPV LLC	85 Broad Street, 18th Fl	New York	NY	10004	NYSBE				
Climate Solutions Accelerator of the	Genesee-Finger Lakes Region	Rochester	NY	14620	NYSBE				
Cornell Cooperative Extension - Tompkins	615 Willow Ave	Ithaca	NY	14850-3555	NYSBE				
Cornell Cooperative Extension of Nassau	P.O. Bo 148	East Meadow	NY	11554	NYSBE				
Couch White, LLP	540 Broadway, PO Box 22222	Albany	NY	12201	NYSBE				
CVENT, Inc.	1765 Greensboro Station Pl	Mc Lean	VA	22102-3467	FSBE				
DealCloud Inc.	300 S. Tryon St., Suite 1200	Charlotte	NC	28202	FSBE				
Delta Dental of New York	One Delta Drive	Mechanicsburg	PA	17055-6999	FSBE				
Dewberry Engineers Inc	8401 Arling Boulevard	Fairfax	VA	22031	FSBE				
DNV Energy Insights USA Inc.	1400 Ravello Drive	Katy	TX	77449	FSBE				
Eastern Research Group, Inc.	110 Hartwell Ave	Lexington	MA	02421	FSBE				
Eckholm Studios	3875 Rt 9G	Germantown	NY	12526	NYSBE				
ECONcrete Inc	99 WALL Street FRNT 1	New York	NY	10005	NYSBE				
EME Consulting Engineering Group, LLC	550 Seventh Avenue 10th Floor	New York	NY	10018	NYSBE				
Employee Leasing of Greater NY	2137 Router 35 Suite 160	Holmdel	NJ	07733	FSBE		X	X	
Energy and Environmental Economics Inc.	2401 E Katella Ave.	Anaheim	CA	92806	FSBE				
ePlus inc	13595 Dulles Technology Dr	Herndon	VA	20171-3413	FSBE				
ESRI, Incorporated	380 New York Street	Redlands	CA	92373	FSBE				
Evolution Markets, Inc	10 Bank Street, Suite 410	White Plains	NY	10606	NYSBE				
Fifth Avenue Committee, Inc.	621 Degraw St	Brooklyn	NY	11217-3120	NYSBE				
Firefly Energy Consulting, LLC	7014 Azalea Lane	Dallas	TX	75230	FSBE	X			
Flooring Environment Inc	200 Fillport Drive	Mechanicville	NY	12118	NYSBE				
Frontier Communications of New York, In	401 Merritt 7	Norwalk	CT	06851	FSBE				
Fusco Personnel, Inc.	4 Executive Park Dr Ste B	Albany	NY	12203-3718	NYSBE	X			
Gartner Inc.	56 Top Gallant Rd	Stamford	CT	06902	FSBE				
Harris Beach PLLC	99 Garnsey Road	Pittsford	NY	14534	NYSBE				
Hodgson Russ LLP	140 Pearl Street, Suite 100	Buffalo	NY	14202	NYSBE				
Holland & Knight LLP	PO Box 864084	Orlando	FL	32886	FSBE				
Housing Trust Fund Corporation	38-40-State Street	Albany	NY	12207	NYSBE				
ICF Incorporated LLC	9300 Lee Highway	Fairfax	VA	22031	FSBE				
Illume Advising LLC	440 Science Dr., Suite 202	Madison	WI	53711	FSBE	X			
Industrial Economics, Incorporated	2067 Massachusetts Avenue	Cambridge	MA	02140	FSBE				
Ithaca College	953 Danby Rd	Ithaca	NY	14850-7002	NYSBE				
JR & SONS EXCAVATING INC.	3715 SCHOOL ST	EDEN	NY	14057	NYSBE				
Kearns & West, Inc.	1990 K Street Inc	Washington	DC	20006	FSBE				
Kellher Samets LTD	d/b/a KSV	Burlington	VT	05401	FSBE	X			
Level 3 Communications, LLC	1025 Eldorado Blvd	Broomfield	CO	80021	FSBE				
Lytho Inc	624 Holly Sprngs Road	Holly Springs	GA	27540	FSBE				

**NYSDERDA PERIODIC CONTRACTS APPROVAL REPORT: Contractor Addresses - 8/16/2023 to 12/15/2023**

Contractor	SupplierAddress	SupplierCity	SupplierState	SupplierZipCode	Business Type	WBE	MBE	SDVOB	SBE
McKinsey & Company, Inc.	55 East 52nd St., 21st Fl	New York	NY	10022	NYSBE				
Mintz, Levin, Cohn, Ferris, Glovsky and	One Financial Center	Boston	MA	02111	FSBE				
Mintzer Mauch PLLC	290 Madison Avenue	New York	NY	10017	NYSBE	X			
New York State Forum for IRM	24 Aviation Rd., Suite 206	Albany	NY	12205	NYSBE				
Nexus Labs	2102 Collier Ave	Colorado Springs	CO	80909	FSBE				
Northeast States for Coordinated Air Use	89 South Street, Suite 602	Boston	MA	02111	FSBE				
Opinion Dynamics Corporation	1000 Winter St	Waltham	MA	02451	FSBE				
Owahgena Consulting, Inc.	1883 Ballina Road	Cazenovia	NY	13035	NYSBE				
OwnBackup Inc.	940 Sylvan Ave Fl 1	Englewood Cliffs	NJ	07632	FSBE				
People United for Sustainable Housing In	429 Plymouth Avenue	Buffalo	NY	14213	NYSBE				
Performance Systems Development	of New York, LLC	Ithaca	NY	14850	NYSBE				
Promantek Inc.	d/b/a TrakStar	Seattle	WA	98122	FSBE				
Raj Technologies Inc.	110 Terminal Dr.	Plainview	NY	11803	NYSBE		X		
Ramboll Americas Engineering Solutions,	333 Washington Street	Syracuse	NY	13202	NYSBE				
Randstad North America, Inc.	PO Box 2084	Carol Stream	IL	60132-2084	FSBE	X			
Reactive Technologies USA INC.	13 Carpenter Way	Clifton Park	NY	12065	NYSBE				
Responsible Offshore Science Alliance	1050 Connecticut Avenue NW	Washington	DC	20036	FSBE				
Rudy Stegemoeller	158 Big Toad Road	Poestenkill	NY	12140	NYSBE				
S&P Global Inc.	S&P Global Commodity Insights	New York	NY	10041	NYSBE				
Salary.com, LLC	610 Lincoln Street, North	Waltham	MA	02451	FSBE				
SecondMuse LLC	PO Box 582	Bernalillo	NM	87004	FSBE				
SHI, Inc.	P.O. Box 952121	Dallas	TX	75395	FSBE				
Slipstream Group, Inc.	431 Catalyst Way	Madison	WI	53719	FSBE				
Sustainable Energy Advantage, LLC	161 Worcester Rd., Ste 503	Framingham	MA	01701	FSBE				
Tech Valley Talent, LLC	20 Prospect St. Suite 200, Building 1	Ballston Spa	NY	12020	NYSBE	X			
The Architectural League of New York	594 Broadway, Suite 607	New York	NY	10012	NYSBE				
The Cadmus Group, LLC	410Totten Pond Road	Waltham	MA	02451	FSBE				
The Research Foundation for the State	University of New York	Albany	NY	12201-0009	NYSBE				
ThunderCat Technology LLC	1925 Isaac Newton Square	Reston	VA	20190	FSBE			X	
TRC Energy Services	21 Griffin Rd North	Windsor	CT	06095	FSBE				
TRC Engineers, Inc.	21 Griffin Rd North	Windsor	CT	06095	FSBE				
Unique Comp Inc.	2708 42nd Road	Long Island City	NY	11101	NYSBE	X	X		
VC Renewables Holdings LLC	ELP Ticonderoga Solar LLC	Houston	TX	77098	FSBE				
Verizon Wireless	PO Box 408	Newark	NJ	07101-0489	FSBE				
Worley Group, Inc.	2330 East Bidwell St, Suite 120	Folsom	CA	95630	FSBE				
WSP USA Corp.	One Penn Plaza	New York	NY	10119	NYSBE				
Zones LLC	1102 15th St. SW. STE 102	Auburn	WA	98001	FSBE				
ZOOMINFO TECHNOLOGIES LLC	805 BROADWAY STREET, SUITE 900	VANCOUVER	WA	98660	FSBE				

**NYSERDA PERIODIC CONTRACTS APPROVAL REPORT: Anticipated Contracts - 8/16/2023 to 12/15/2023**

Category	Type	Term > 1 Year	Contract ID	Contractor	Contract Description	Reason	Date	Anticipated Amount	Total Contract Amount
PCMT	Competitive	Y	121104	CHA Consulting Inc.	Umbrella Agreement	Added New Tasks	11/29/2017	\$424,000	\$2,384,060
	Competitive	Y	152608	Marshall & Sterling, Inc.	RFP 4301 Insurance	Added New Tasks	03/19/2020	\$5,000	\$1,243,193
	Competitive	Y	159691	CVENT, Inc.	Event Management/Virtual Event	Added New Tasks	10/19/2020	\$8,789	\$249,734
	Competitive	Y	160541	The Cadmus Group, LLC	Statewide Multifamily Baseline	Added New Tasks	11/05/2020	\$451,697	\$5,148,942
	Competitive	Y	161130	The Cadmus Group, LLC	TWO #10 Climate Facilitation	New Agreement	11/19/2020	\$300,000	\$3,012,389
	Competitive	Y	163481	Consensus Building Institute, Inc.	TWO #2 A-TWG Facilitator	Added New Tasks	01/20/2021	\$334,136	\$690,231
	Competitive	Y	166881	Social Finance Inc.	Social Finance Contract	Added New Tasks	04/11/2021	\$526,477	\$966,129
	Competitive	Y	175937	Abt Associates Inc.	TWO #3 Pathways Health Phase 2	Added New Tasks	10/22/2021	\$100,000	\$590,000
	Competitive	Y	178795	NYS Office of Parks, Recreation and	CNCED 2021 - Frederic Church	Added New Tasks	12/21/2021	\$1,868,776	\$1,868,776
	Competitive	Y	182699	Karp Strategies, LLC	NYS OSW Training Efforts	Extend Contract Term	03/15/2022	\$15,000	\$415,000
	Competitive	Y	182702	The Cadmus Group, LLC	TWO #1 BEEM Revision	Added New Tasks	03/15/2022	\$150,000	\$600,000
	Competitive	Y	185454	KPMG LLP	NYSDERDA Audit Services	New Agreement	05/06/2022	\$12,752	\$708,240
	Competitive	Y	195973	AECOM USA INC.	CGSI Program Strategic Guide	New Agreement	10/14/2022	\$100,000	\$100,000
	Competitive	Y	195974	TRC Engineers, Inc.	CGSI Program Strategic Guide	Added New Tasks	10/14/2022	\$100,000	\$100,000
	Competitive	Y	195975	The Cadmus Group, LLC	CGSI Program Strategic Guide	New Agreement	10/14/2022	\$100,000	\$100,000
	Competitive	Y	202371	Carter Ledyard & Milburn LLP	TWO 5 - Empire Wind 1 DEIS	Added New Tasks	01/23/2023	\$37,000	\$37,000
	Competitive	Y	205837	Holland & Knight LLP	TWO 6 - Amendment to ZEC Agr.	Change in Contract Terms	03/27/2023	\$5,000	\$30,000
	Competitive	Y	209890	New York Power Authority,	NYPANYCHA 120V Induction Stove	New Agreement	05/31/2023	\$757,000	\$757,000
	Competitive	Y	212481	Hawkins Delafield & Wood LLC	TWO 1 - Build Ready	New Agreement	07/10/2023	\$25,000	\$25,000
	Competitive	Y	213476	High Bridge Manor LLC	HPD Pilot 511 project	New Agreement	07/20/2023	\$1,000,000	\$1,000,000
	Competitive	Y	219040	Passive House Accelerator LLC	Reimagine Festival Event 2024	Added New Tasks	10/19/2023	\$75,000	\$75,000
	Competitive	Y	219598	It's About Time Events LLC	LGBTQ+ Inclusivity	New Agreement	10/30/2023	\$84,500	\$84,500
	Competitive	Y	219804	Center for Sustainable Energy	TWO #3 - School Bus Incentive	New Agreement	11/01/2023	\$1,500,000	\$1,540,000
	Competitive	Y	221613	illume Advising LLC	EEC Implementation	New Agreement	11/29/2023	\$859,982	\$859,982
	Competitive	Y	221776	BVG Associates LLC	BVG TWO 5 IE Mike Blanch_OSW20	New Agreement	12/05/2023	\$85,000	\$85,000
	Competitive	Y	221779	Power Advisory LLC	TWO 4 IE Michael Killeavy_OREC	New Agreement	12/05/2023	\$85,000	\$85,000
	Competitive	Y	221990	Opinion Dynamics Corporation	TWO # 1 RFQL 4162	New Agreement	12/07/2023	\$464,777	\$464,777
	Competitive	Y	222358	ICF Resources, LLC	TWO 13 - Support for PAR Dept	New Agreement	12/13/2023	\$100,000	\$100,000
	Competitive	Y	222511	BVG Associates LLC	RESRFP23-1 TEP IE - TWO#7	Added New Tasks	12/14/2023	\$50,000	\$50,000
	Competitive	Y	222600	Oracle America, Inc.	Oracle Peoplesoft Enterprise	New Agreement	12/15/2023	\$54,308	\$54,308
	Discretionary	Y	180120	Singlebrook Technology Inc.	CJF Program Support	Added New Tasks	01/20/2022	\$283,000	\$493,000
	Discretionary	Y	211530	Inclusive Prosperity Capital, Inc	Hubs financing strategy	New Agreement	08/25/2023	\$50,000	\$50,000
	Discretionary	Y	219171	BW Research Partnership	Economic Impact Analysis	New Agreement	10/23/2023	\$49,300	\$49,300
Discretionary	Y	220865	Arctic Air Mechanical Corp	HVAC Preventative Maintenance	New Agreement	11/17/2023	\$11,200	\$11,200	
Discretionary	Y	221683	Karpman Consulting, LLC	MWBE Direct Award to Karpman C	New Agreement	11/30/2023	\$184,000	\$184,000	
Non-Competitive	Y	34250A	Vervent Inc.	GJGNY REVOLVING LOAN FUND	New Agreement	11/04/2019	\$350,000	\$646,555	
Non-Competitive	Y	199431	New York Power Authority,	NYPA GEMINI	New Agreement	12/05/2022	\$9,000,000	\$9,000,000	
PGRM	Competitive	Y	135614	L&S Energy Services, Inc.	L&S GJGNY Energy Audits	Added New Tasks	12/28/2018	\$43,693	\$3,938,641
	Competitive	Y	167521	Alliance for Sustainable Energy, LLC	TWO #7 T&D Tool Dev Co-Optimiz	New Agreement	04/26/2021	\$2,240,000	\$3,540,000
	Competitive	Y	168772	ChargePoint, Inc.	DCFC - VW Settlement	New Agreement	05/24/2021	\$976,644	\$7,989,040
	Competitive	Y	181889	Troy Local Development Corporation	City of Troy PH 1A	New Agreement	03/01/2022	\$4,000,000	\$4,000,000
	Competitive	Y	186723	West Monroe Partners, LLC	RFP4886 RES Market Engagement	Added New Tasks	05/25/2022	\$6,900,000	\$8,055,000
	Competitive	Y	193635	Revel Transit, Inc.	Red Hook Recharge Zone	Extend Contract Term	09/07/2022	\$5,929,428	\$7,000,000
	Competitive	Y	200702	Anheuser-Busch InBev Worldwide Inc	C&I Carbon Challenge	New Agreement	12/21/2022	\$5,000,000	\$5,000,000
	Competitive	Y	219354	CLEAResult Consulting, Inc.	Program Ops & Tech Support SFR	New Agreement	10/25/2023	\$15,941,256	\$15,941,256
	Competitive	Y	221173	University of Rochester	Accelerated Efficiency & Elect	New Agreement	11/21/2023	\$3,875,471	\$3,875,471
	Competitive	Y	221441	RED-Rochester LLC	Accelerated Efficiency & Elect	New Agreement	11/27/2023	\$5,000,000	\$5,000,000
Non-Competitive	Y	48971	The Research Foundation for the State	EMEP Air Quality Research	Extend Contract Term	10/01/2014	\$449,826	\$4,404,352	
<b>Grand Total</b>								\$69,943,011	\$102,602,074

**NYSERDA PERIODIC CONTRACTS APPROVAL REPORT: Section 1**  
**Summary - 8/16/2023 to 12/15/2023**

<b>Category</b>	<b>Report Type</b>	<b>Type</b>	<b>Count of Contracts</b>	<b>Committed this period</b>
<b>PGRM</b>	Program	Competitive	1,001	\$200,556,373
		Discretionary	1	\$49,915
		Non-Competitive	3	\$1,414,807
<b>Total</b>			1,005	\$202,021,095
<b>Grand Total</b>			1,005	\$202,021,095



**Section 1 Summary - Percentages**

**% Contract Counts Competitively**

**% of \$Committed this period Competitively**

99.70%	99.30%
--------	--------

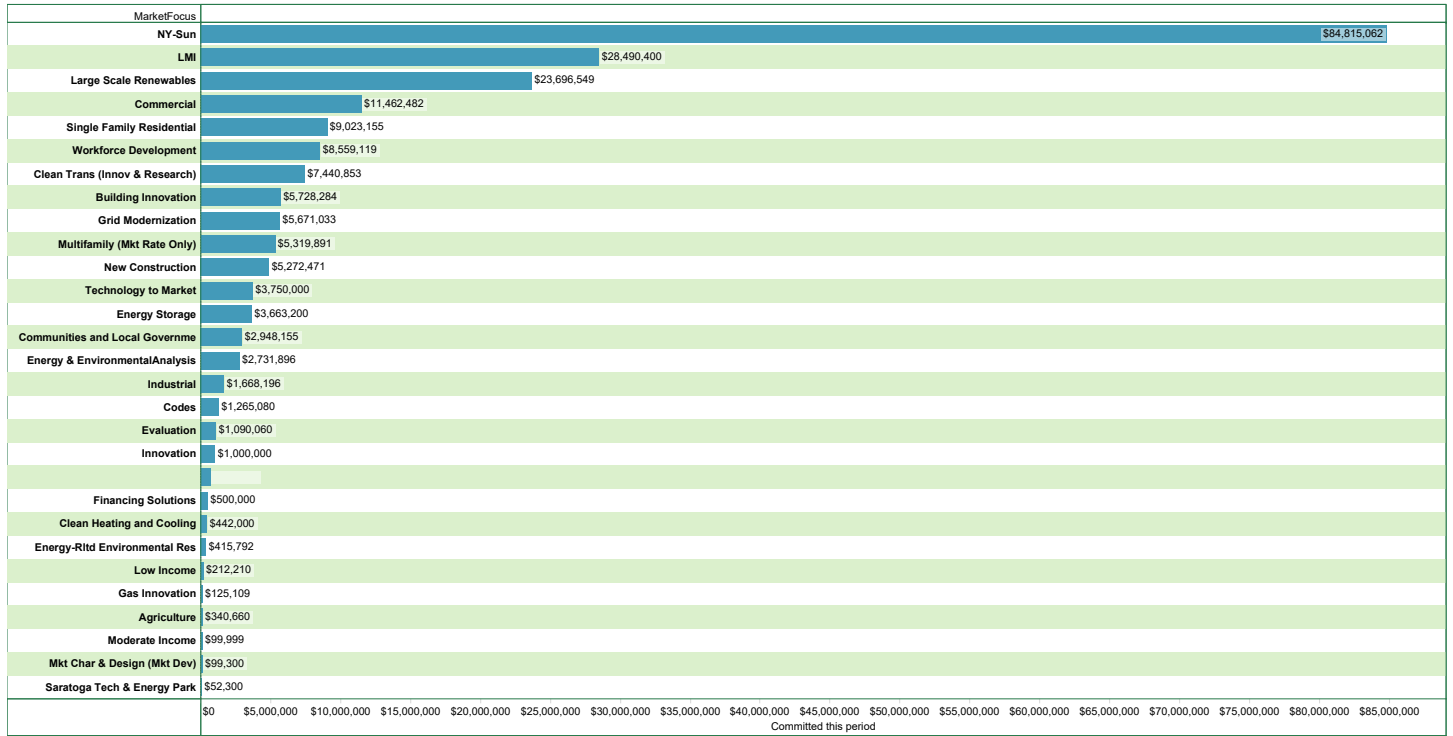
## NYSERDA PERIODIC PROGRAM REPORT

8/16/2023 to 12/15/2023

**Table: All Market Focus Committed this Period**

MarketFocus	Count of Contracts	Committed this period
Agriculture	25	\$340,660
Building Innovation	8	\$5,728,284
Clean Heating and Cooling	5	\$442,000
Clean Trans (Innov & Research)	22	\$7,440,853
Codes	3	\$1,265,080
Commercial	116	\$11,462,482
Communities and Local Governme	24	\$2,948,155
Energy & EnvironmentalAnalysis	6	\$2,731,896
Energy Storage	33	\$3,663,200
Energy-Rltd Environmental Res	4	\$415,792
Evaluation	2	\$1,090,060
Financing Solutions	1	\$500,000
Gas Innovation	1	\$125,109
Grid Modernization	4	\$5,671,033
Industrial	14	\$1,668,196
Innovation	2	\$1,000,000
Large Scale Renewables	17	\$23,696,549
LMI	84	\$28,490,400
Low Income	1	\$212,210
Mkt Char & Design (Mkt Dev)	2	\$99,300
Moderate Income	1	\$99,999
Multifamily (Mkt Rate Only)	119	\$5,319,891
New Construction	17	\$5,272,471
NY-Sun	528	\$84,815,062
Saratoga Tech & Energy Park	2	\$52,300
Single Family Residential	3	\$9,023,155
Technology to Market	1	\$3,750,000
Workforce Development	205	\$8,559,119
<b>Grand Total</b>	<b>1,250</b>	<b>\$215,937,255</b>

NYSDERDA PERIODIC PROGRAM REPORT  
 8/16/2023 to 12/15/2023  
 Graph: All Market Focus Committed this Period



## NYSERDA PERIODIC PROGRAM REPORT

8/16/2023 to 12/15/2023

**Table: By REDC Region and County**

REDC Region	County	Count of Contracts	Committed this period
<b>Capital Region</b>	Albany	19	\$16,912,865
	Columbia	11	\$151,487
	Greene	3	\$29,099
	Rensselaer	3	\$40,520
	Saratoga	12	\$1,190,991
	Schenectady	3	\$266,804
	Warren	3	\$11,380
	Washington	2	\$59,460
	<b>Total</b>	56	\$18,662,606
<b>Central New York</b>	Cayuga	5	\$112,307
	Cortland	2	\$1,816,958
	Madison	5	\$589,568
	Onondaga	30	\$15,074,695
	Oswego	6	\$1,740,459
	<b>Total</b>	48	\$19,333,987
<b>Finger Lakes</b>	Genesee	4	\$4,856,779
	Livingston	1	\$30,593
	Monroe	29	\$1,363,630
	Ontario	22	\$251,494
	Orleans	2	\$52,680
	Seneca	2	\$60,000
	Wayne	10	\$3,031,745
	Wyoming	1	\$5,380
	Yates	5	\$44,576
	<b>Total</b>	76	\$9,696,876
<b>Long Island</b>	Nassau	29	\$405,616
	Suffolk	36	\$350,871
	<b>Total</b>	65	\$756,487
<b>Mid-Hudson</b>	Dutchess	18	\$2,027,562

## NYSERDA PERIODIC PROGRAM REPORT

8/16/2023 to 12/15/2023

**Table: By REDC Region and County**

REDC Region	County	Count of Contracts	Committed this period
<b>Mid-Hudson</b>	Orange	15	\$1,541,913
	Putnam	14	\$1,100,467
	Rockland	8	\$270,336
	Sullivan	8	\$121,562
	Ulster	14	\$656,779
	Westchester	37	\$7,725,186
	<b>Total</b>	<b>114</b>	<b>\$13,443,806</b>
<b>Mohawk Valley</b>	Fulton	3	\$764,921
	Herkimer	7	\$46,469
	Montgomery	3	\$283,815
	Oneida	8	\$4,078,943
	Otsego	1	\$255,150
	Schoharie	1	\$9,570
	<b>Total</b>	<b>23</b>	<b>\$5,438,867</b>
<b>New York City</b>	Bronx	141	\$9,205,561
	Kings	155	\$8,713,469
	New York	178	\$9,444,852
	Queens	92	\$7,152,233
	Richmond	25	\$245,654
	<b>Total</b>	<b>591</b>	<b>\$34,761,769</b>
<b>North Country</b>	Clinton	3	\$1,104,470
	Essex	5	\$33,695
	Franklin	1	\$11,858
	Jefferson	4	\$765,680
	Lewis	2	\$67,335
	St. Lawrence	4	\$34,160
	<b>Total</b>	<b>19</b>	<b>\$2,017,198</b>
<b>Southern Tier</b>	Broome	18	\$208,970
	Chemung	3	\$1,869,845

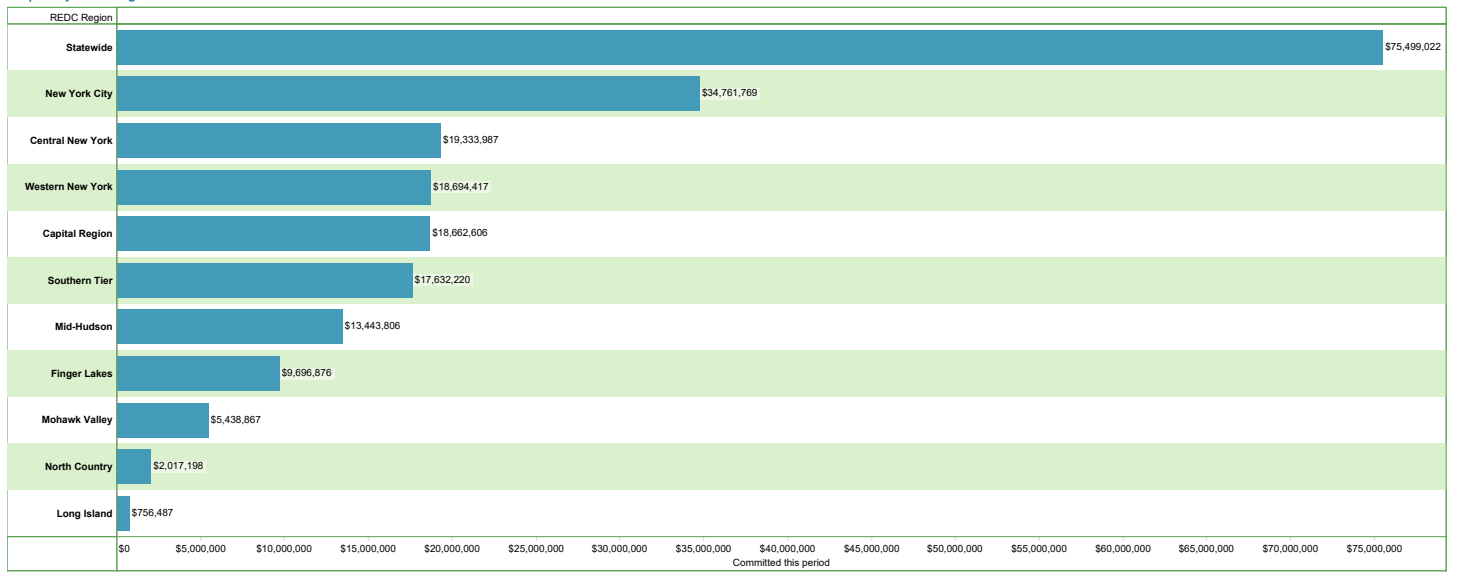
## NYSERDA PERIODIC PROGRAM REPORT

8/16/2023 to 12/15/2023

**Table: By REDC Region and County**

REDC Region	County	Count of Contracts	Committed this period
<b>Southern Tier</b>	Chenango	7	\$5,072,587
	Delaware	3	\$3,622,164
	Schuyler	5	\$160,894
	Steuben	7	\$3,789,283
	Tioga	4	\$885,000
	Tompkins	15	\$2,023,477
	<b>Total</b>		62
<b>Statewide</b>	STATEWIDE	112	\$75,499,022
	<b>Total</b>	112	\$75,499,022
<b>Western New York</b>	Allegany	1	\$466,853
	Cattaraugus	6	\$4,144,082
	Chautauqua	12	\$3,005,933
	Erie	47	\$11,077,549
	<b>Total</b>	66	\$18,694,417
<b>Grand Total</b>		1,232	\$215,937,255

NYSERDA PERIODIC PROGRAM REPORT  
 8/16/2023 to 12/15/2023  
 Graph: By REDC Region



**NYSERDA PERIODIC PROGRAM REPORT**

8/16/2023 to 12/15/2023

**Table: By Electric Utility**

<b>Electric Utility</b>	<b>Count of Contracts</b>	<b>Committed this period</b>
<b>AKRON</b>	2	\$75,818
<b>Central Hudson Gas and Electric</b>	47	\$4,154,059
<b>Consolidated Edison</b>	625	\$41,902,988
<b>Long Island Power Authority</b>	66	\$764,263
<b>Municipal Utilities</b>	7	\$10,339,534
<b>National Grid</b>	162	\$53,035,129
<b>NYS Electric and Gas</b>	162	\$28,213,342
<b>Orange and Rockland Utilities</b>	15	\$402,665
<b>Rochester Gas and Electric</b>	34	\$1,550,435
<b>Statewide</b>	112	\$75,499,022
<b>Grand Total</b>	1,232	\$215,937,255

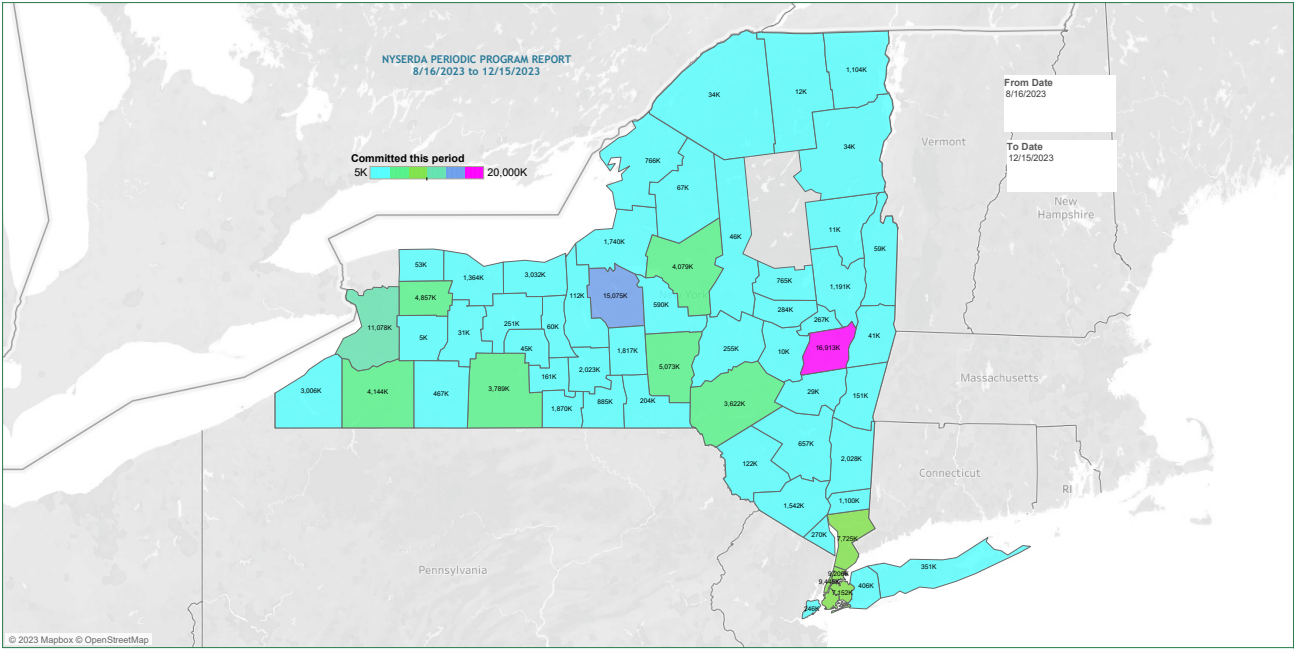


NYSDA PERIODIC PROGRAM REPORT  
8/16/2023 to 12/15/2023

Committed this period  
5K 20.000K

From Date  
8/16/2023  
To Date  
12/15/2023

Report Type  
○ Procurement  
● Program



Resolution No. \_\_\_\_

RESOLVED, that the Periodic Contracts Report, covering the period August 16, 2023 through December 15, 2023, as presented at this meeting, including but not limited to the contracts identified therein which have been, or are expected to be, executed and which do have, or are expected to have, a period of performance in excess of one year, is hereby approved in accordance with Public Authorities Law Section 2879.