



NYSERDA

KATHY HOCHUL
Governor

RICHARD L. KAUFFMAN
Chair

DOREEN M. HARRIS
President and CEO

NOTICE OF MEETING AND AGENDA

September 22, 2023

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

PLEASE TAKE NOTICE that a regular (the 263rd) meeting of the New York State Energy Research and Development Authority (“Authority”) will be held at 17 Columbia Circle, Albany, New York, and at the NY Green Bank Office located at 1333 Broadway, New York, New York, on Wednesday, October 4, 2023, commencing at 2:00pm., for the following purposes:

I. Discussion Agenda

1. To receive a report from the President and CEO.
2. To consider and act upon a resolution to convene in executive session for the purpose of discussing the employment history of a particular person and in private session to discuss attorney-client privileged matters.
3. To receive a report from the Governance Committee.
4. To receive a report from the Program Planning Committee and to consider and act upon a resolution approving revisions to the Authority’s Fiscal Year 2023-2024 Budget.
5. To receive a report from the Audit and Finance Committee.
6. To receive a report from the Waste and Facilities Management Committee.
7. To receive a program report.

New York State Energy Research and Development Authority

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II. Consent Agenda

1. To consider and act upon resolutions approving:
 - i. amendments to the Authority's Internal Control Manual;
 - ii. amendments to the Authority's Investment Guidelines;
 - iii. the Program Planning Committee Charter; and
 - iv. 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>.



Peter J. Costello
Secretary

PRESIDENT AND CEO REPORT
(Oral Report)

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 October 4, 2023, for the purpose of discussing the employment history of particular persons and the financial history of a particular corporation; and

RESOLVED, that pursuant to Section 108 of the Public Officers Law shall convene in private session on October 4, 2023, for the purpose of discussing attorney-client privileged matters.

**GOVERNANCE
COMMITTEE
(Oral Report)**

New York State Energy Research and Development Authority

Fiscal Year 2023-24 Budget
(Revised October 2023)

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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, 2024 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

NYSERDA
Revised Budget FY 2023-24
(Amounts in thousands)

	Approved Budget FY 2023-24	Change	Revised Budget FY 2023-24	Explanation for change
<u>Revenues:</u>				
State appropriations				
Offshore wind port development	75,721	(75,721)	-	Reflects a decrease in reimbursable expenditures based on revised timing of when funds will be committed and expended.
NYS Bond Act	32,256	(29,105)	3,151	Reflects a decrease in reimbursable expenditures based on revised timing of when funds will be committed and expended.
Empower	-	100,000	100,000	Reflects new funding from the 2023-24 State budget prioritizing energy affordability initiatives for residential customers participating in the Empower Plus Program.
Other	31,060	-	31,060	
Total State Appropriations	139,037	(4,826)	134,211	
Third party reimbursement	50,743	-	50,743	
				Reflects a decrease in assessment estimates for ratepayer programs funded through the Public Service Commission's (PSC) Bill-As-You-Go funding mechanism based on higher starting net positions and forecasted working capital reserve balances available for expenditure reimbursement, offset in part by an increase in base annual funding under the State Public Service Law 18-a assessment for services and expenses supporting energy policy & planning and certain research, development & demonstration initiatives.
Utility surcharge assessments	764,214	(28,608)	735,606	
Renewable energy credit proceeds	47,141	8,861	56,002	Reflects an increase in the Tier One quarterly Rec sale projections resulting from revised energy and capacity procurement price forecasts
				Reflects an increase based on updated Public Service Commission ZEC compliance period pricing that came into effect after the adoption of the budget.
Zero emission credit payments	189,295	319,713	509,008	Reflects a decrease based on revised timing of collections pursuant to the June 2023 PSC Order "Approving the financial backstop collection mechanism."
Clean energy standard backstop charge	21,387	(13,063)	8,324	
Allowance auction proceeds	237,518	-	237,518	
Project repayments	293	-	293	
Federal grants	13,781	-	13,781	
Rentals from leases	1,011	-	1,011	
Interest income	49,804	-	49,804	
Loan interest	36,263	-	36,263	
QECB interest subsidy	211	-	211	
Fees and other income	7,294	-	7,294	
Total Revenues	1,557,992	282,076	1,840,068	
<u>Expenses:</u>				
Salaries and benefits:				
				Increase reflects: the state's recent approval of a higher-than-projected salary increase than what was assumed in the budget, a one-time lump sum payment for eligible Management Confidential employees, and for increases in assumed positions to be filled from available funding sources including approved funding from the 2023-24 NYS Budget what were not authorized at the time the original budget was approved.
Salaries	60,146	2,750	62,896	
Benefits	20,564	6,688	27,252	Increase reflects recent actuarial valuation updates for both pension and post-employment health benefit expenses and from general salary increases which correspond to the increase in the assumed filled positions.
Salaries and benefits	80,710	9,438	90,148	
Program expenditures:				
Clean Energy Fund	373,608	-	373,608	
NY-Sun	263,455	-	263,455	
Clean Energy Standard - Tiers 1,2,4,OREC	69,248	11,444	80,692	Reflects an increase in Tier One Rec procurements based on revised energy and capacity price forecasts.
				Reflects an increase in ZEC compliance period payments based on updated PSC ZEC pricing that came into effect after the adoption of the budget.
Clean Energy Standard - Tier 3 (ZEC)	187,019	317,562	504,581	
Clean Energy Standard - Port Development	75,000	(75,000)	-	Reflects a decrease in the Offshore Wind port development initiative based on revised timing of planned expenditures.
Regional Greenhouse Gas Initiative	124,733	-	124,733	
				Increase primarily reflects new funding allocated from the 2023-24 NYS Budget for energy affordability initiatives under the EmPower Plus program offset in part by a decrease in NYS Environmental Bond Act expenditures based on updated timing of when funds will be committed and expended.
Other	239,334	73,657	312,991	
Program expenditures	1,332,397	327,663	1,660,060	
Investment related expenses	1,040	-	1,040	
Program operating costs	5,010	-	5,010	
General & administrative expenses	18,295	-	18,295	
Depreciation	2,288	-	2,288	
NYS Assessments	13,594	-	13,594	
Bond interest and fees	3,448	-	3,448	
Total Expenses	1,456,782	337,101	1,793,883	
Net (expense) revenue and change in net	101,210	(55,025)	46,185	
				Revised reflects actual balance from March 31, 2023, primarily driven by stronger RGGI revenues than planned and from differences in Budget estimates generally due to timing of other revenues and expenses.
Net position beginning of year	1,693,647	197,034	1,890,681	
Net position end of year	\$ 1,794,857	142,012	1,936,869	

NYSERDA
Revised Budget FY 2023-24
(Amounts in thousands)

Functions/Programs										
	Market Development / Innovation & Research	NY Green Bank	NY-Sun	Clean Energy Standard	RGGI	Energy & Environmental Analysis	West Valley	Other	Revised Budget FY 2023-24	Approved Budget FY 2022-23
Net position, beginning of year	\$ 87,740	1,036,520	67,293	49,850	325,840	2,978	195	329,406	1,890,681	1,693,647
<u>Revenues:</u>										
State appropriations	-	-	-	-	5,110	150	25,800	103,151	134,211	139,037
Third party reimbursement	16,000	-	-	-	-	-	2,361	32,382	50,743	50,743
Utility surcharge assessments	350,235	-	244,270	16,116	-	18,823	-	106,162.46	735,606	764,214
Renewable energy credit proceeds	-	-	-	56,002	-	-	-	-	56,002	47,141
Zero emission credit payments	-	-	-	509,008	-	-	-	-	509,008	189,295
Clean energy standard backstop charge	-	-	-	8,324	-	-	-	-	8,324	21,387
Allowance auction proceeds	-	-	-	-	237,518	-	-	-	237,518	237,518
Project repayments	-	-	-	-	-	-	-	293	293	293
Federal grants	-	-	-	-	-	3,183	-	10,598	13,781	13,781
Rentals from leases	-	-	-	-	-	-	-	1,011	1,011	1,011
Interest income	3,124	16,720	2,849	7,426	11,022	-	-	8,663	49,804	49,804
Loan interest	-	28,200	-	-	-	-	-	8,063	36,263	36,263
QECB interest subsidy	-	-	-	-	-	-	-	211	211	211
Fees and other income	-	4,100	-	3,000	-	-	-	194	7,294	7,294
Total Revenues	369,359	49,020	247,119	599,875	253,650	22,156	28,161	270,729	1,840,069	1,557,992
<u>Expenses:</u>										
Salaries and benefits	27,139	13,111	2,993	10,920	13,353	8,506	2,995	11,130	90,147	80,710
Program expenditures	373,608	660	263,455	585,273	124,733	10,651	24,123	277,557	1,660,060	1,332,397
Investment related expenses	-	1,040	-	-	-	-	-	-	1,040	1,040
Program operating costs	480	2,541	72	249	32	952	154	530	5,010	5,010
General & administrative expenses	5,507	2,649	605	2,223	2,712	1,726	613	2,259	18,294	18,295
Depreciation	620	232	151	316	238	151	59	521	2,288	2,288
NYS Assessments	3,165	157	2,076	4,654	1,096	170	217	2,059	13,594	13,594
Bond interest and fees	-	-	-	-	-	-	-	3,448	3,448	3,448
Total Expenses	410,519	20,390	269,352	603,635	142,164	22,156	28,161	297,504	1,793,881	1,456,782
Net sources / (uses) of net position other than transfers	(41,160)	28,630	(22,233)	(3,760)	111,486	-	-	(26,775)	46,188	101,210
Inter-program transfers	22,000	-	-	-	(36,301)	-	-	14,301	-	-
Net Investment in Capital Assets	(138)	-	(98)	(122)	-	-	(5)	2,178	1,815	1,815
<u>Net Position End of Year:</u>										
Restricted for specific programs	68,558	-	44,990	46,035	401,026	2,978	6	286,827	850,420	730,222
NY Green Bank Capitalization	-	1,065,150	-	-	-	-	-	-	1,065,150	1,046,630
Net Investment in Capital Assets	22	-	70	55	-	-	189	12,550	12,886	12,255
Unrestricted	-	-	-	-	-	-	-	8,413	8,413	5,750
Net position end of year	\$ 68,580	1,065,150	45,060	46,090	401,026	2,978	195	307,790	1,936,869	1,794,857

Resolution No. _____

RESOLVED, that the Fiscal Year 2023-2024 Budget and Financial Plan (Revised October 2023) submitted to the Members for consideration at this meeting, with such non-material, editorial changes and supplementary schedules as the President and CEO, in their discretion, may deem necessary or appropriate, be and it hereby approved.

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

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

**CLIMATE IMPACT ASSESSMENT
(Oral Report)**

NEW YORK STATE
ENERGY RESEARCH AND DEVELOPMENT AUTHORITY

INTERNAL CONTROL MANUAL

Revised October 2023

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SECTION 1: PURPOSE AND OVERALL CONTROLS ENVIRONMENT

The purpose of this Internal Control Manual is to set forth NYSERDA's system of internal controls that is designed to effectively manage risk while also promoting accountability and transparency.

Public Authorities Law, Article 9, Title 8, §2931, known as the New York State Governmental Accountability Audit and Internal Control Act ("Internal Control Act", or "ICA") requires NYSERDA to establish and maintain a system of internal controls. The ICA defines internal controls as a "process that integrates the activities, plans, attitudes, policies, systems, resources and efforts of the people of an organization working together, and that is designed to provide reasonable assurance that the organization will achieve its objectives and mission" (Article 9, §2930). The ICA lists specific objectives of an internal control system including, but not limited to:

- the safeguarding of assets;
- checking the accuracy and reliability of accounting data and financial reporting;
- promoting the effectiveness and efficiency of operations;
- ensuring compliance with applicable laws and regulations; and
- encouraging adherence to prescribed managerial policies.

The Public Authorities Accountability Act of 2005 ("PAAA"), which amended various sections of the Public Authorities Law, seeks to ensure greater efficiency, openness, and accountability for the State's public authorities by codifying model governance principles, removing legal impediments that prevent full implementation of model governance principles, establish a new public authorities office within the Executive Department to provide additional oversight and ensure full compliance with the principles, and allow for the creation of an independent inspector general to ensure greater accountability for public authority activities and operations.

Supporting these objectives, NYSERDA has instituted a layered internal control system that leverages:

- Board Member oversight
- Employee responsibilities for controls and compliance
- Regular education, validation, and acknowledgements
- Risk assessments conducted on a regular, recurring schedule
- Additional monitoring via internal and external auditors

OVERALL CONTROLS ENVIRONMENT

NYSERDA's controls environment is defined and documented primarily in the following artifacts.



Foundational principles of NYSERDA's overall controls environment that underpin this ICM and the policies, guidelines, and manuals/handbooks that flow from it can be defined as follows:



We Set a Clear Tone from the Top



Integrated Strategic Planning & Performance Management Aligns Us with Mission and Vision



We Control to State Budget, Commission Orders, Grants, and other Funding Requirements



We Maintain Transparency and Effective Checks and Balances



We Aim to Ensure Value through Competitive Selection Processes and Outcome Verification



We Keep New Policy, Program, and Product Development Data-Based and Risk-Adjusted



We Proactively Secure and Steward State Assets and Reputation



We Ensure Compliance with Federal, State, and Local Laws and Regulations



We Continuously Monitor and Improve our Internal Controls

SECTION 2: BOARD MEMBER RESPONSIBILITIES

Through their review and approval of various guidelines, reports, planning documents, and other activities of NYSERDA staff, NYSERDA's Board Members are actively engaged in overseeing NYSERDA use of processes, policies, and procedures that accomplish NYSERDA's mission through an effective system of internal controls.

In this section:

- Board Member Internal Control Responsibilities
- Board Member Accountability Responsibilities
- Board Committees

Board Member Internal Control Responsibilities. The ICA requires that NYSERDA's governing Board:

- Establish and maintain NYSERDA guidelines for a system of internal control that are in accordance with this article and internal control standards.
- Establish and maintain for NYSERDA a system of internal control and a program of internal control review. The program of internal control review shall be designed to identify internal control weaknesses, identify actions that are needed to correct actions, and periodically assess the adequacy of NYSERDA's ongoing internal controls.
- Make available to each Board Member, Officer, and employee a clear and concise statement of the generally applicable managerial policies and standards with which they are expected to comply. Such statement shall emphasize the importance of effective internal control to NYSERDA and the responsibility of each Board Member, Officer, and employee for effective internal control.
- Designate an Internal Control Officer (ICO), who shall report to the head of NYSERDA, to implement and review the internal control responsibilities established pursuant to this section.
- Implement education and training efforts to ensure that Board Members, Officers, and employees have achieved adequate awareness and understanding of internal control standards and, as appropriate, evaluation techniques.
- Periodically evaluate the need for an internal audit function.

Board Member Accountability Responsibilities. The PAAA of 2005 requires the Board Members to:

- Execute direct oversight of NYSERDA's President and CEO and other senior management in the effective and ethical management of NYSERDA.
- Understand, review, and monitor the implementation of fundamental financial and management controls and operational decisions of NYSERDA.
- Establish policies regarding the payment of salary, compensation, and reimbursements, and establish rules for the time and attendance of the President and CEO and senior management.
- Adopt a code of ethics applicable to each Board Member, Officer, and employee that, at a minimum, includes the standards established in section seventy-four of the Public Officers Law.
- Establish written policies and procedures on personnel including acts of wrongdoing, misconduct, malfeasance, or other inappropriate behavior by an employee or Board Member of NYSERDA, as well as investments, travel, the acquisition of real property and the disposition of real and personal property, and the procurement of goods and services.
- Adopt a defense and indemnification policy and disclose such plan to all prospective Board Members.

- Attend State approved training, including such continuing training as may be required to remain informed of best practices, regulatory and statutory changes relating to the effective oversight of the management and financial activities of public authorities, and to adhere to the highest standards of responsible government.

Through all of the processes, policies, and procedures set forth in this manual and underlying manuals (specifically the Operations and Procedures Manual, Personnel Handbook, and Accounting Policies and Procedures Manual), and through its review and approval of a diverse set of guidelines, reports, planning documents, and more detailed Committee review of staff activities, NYSERDA's Board Members comply with these statutory requirements.

Board Committees. NYSERDA's Board has established the following standing committees which, among other duties, play an instrumental role in setting, maintaining, and improving NYSERDA's internal control framework and adherence thereto. Details regarding each committee's exact scope, responsibilities, composition, and member selection can be found in their charters, found on NYSERDA's website under [Board Governance/Board Structure](#). A brief summary of each follows:

- Audit and Finance Committee – Oversees selection of a certified independent accounting firm and performance of the audit; reviews NYSERDA's annual financial statements prior to submission for approval to the Board Members; reviews proposals for NYSERDA's issuance of debt and makes recommendations; and may examine and consider such other matters in relation to internal and external audit of NYSERDA's accounts, NYSERDA's financings, and the financial affairs of NYSERDA and its accounts as the Audit and Finance Committee may determine to be desirable.
- Program Planning Committee - Reviews the annual updating of NYSERDA's Strategic Outlook; reviews NYSERDA's annual budget except for portions overseen by other board committees as noted herein; reviews NYSERDA's activities relative to the State's progress towards advancing the goals of the Climate Leadership and Community Protection act of 2019; and provides guidance to NYSERDA's Officers in the preparation of those plans and budget; and considers such other matters related to NYSERDA's programs as NYSERDA's Officers may refer to the Committee.
- Waste and Facilities Management Committee - Reviews NYSERDA's program and plans for management of the Western New York Nuclear Service Center, including the West Valley Demonstration Project, and for radioactive waste policy and nuclear coordination; reviews the preparation of NYSERDA's annual West Valley site management program and radioactive waste policy and nuclear coordination budgets; reviews NYSERDA's plans and provides guidance for facilities owned by or under the control of NYSERDA; provides guidance to NYSERDA's Officers and employees in the preparation of those plans and budgets; and considers such other matters related to West Valley site management and radioactive waste policy and nuclear coordination programs as the Officers of NYSERDA may refer to such Committee.
- Governance Committee - Keeps the Board Members informed of current best practices; reviews corporate governance trends; updates NYSERDA's corporate governance principles as necessary; recommends updates to the corporate governance principles; advises appointing authorities on the skills and experience required of Board Members; examines ethical and conflict of interest issues; performs Board self-evaluation; makes recommendations with respect to and monitors progress with respect to diversity,

equity, and inclusion goals; and recommends By-laws which include rules and procedures for conduct of Board business.

All meetings of NYSERDA subject to the Open Meetings Law will be broadcast on the Internet.

SECTION 3: LOBBYING LAWS, DISCLOSURE REQUIREMENTS, DISCRETIONARY FUNDS

NYSERDA is committed to transparency, fiscal responsibility, and avoidance of actual or potential conflicts of interest. The guidance in this section pertains to both Board members and employees.

Lobbying Laws

Procurement Lobbying: State Finance Law Sections 139-j and 139-k applies to all solicitations issued and procurements under active consideration that may result in a procurement contract in excess of \$15,000. Such solicitations and procurements under consideration must: (1) designate individuals at NYSERDA who may be contacted about the procurement by persons attempting to influence the procurement process, and (2) outline NYSERDA's procedures relating to contacts that are not permitted under the State Finance Law. All solicitations and procurements will identify NYSERDA employees, not Board Members, as the individuals that may be contacted under such circumstances.

The responsibility to record information about contacts that reasonably appear to be attempts to influence the procurement process applies during the "restricted period." The restricted period begins once NYSERDA has made a decision to initiate procurement and extends until execution of the contract(s). It begins again at any time a modification to a contract is proposed and extends until the modification is executed.

The decision to initiate procurement occurs at the earliest of: (1) the formal internal approval of the proposed issuance of a solicitation, (2) an employee's receipt of a proposal for a program project that does not meet the definition of Competitive Procurement Method under the Contracting Guidelines, or (3) at such other time when a determination is made to proceed with an administrative procurement. From this time until the time a contract is executed, Board Members must: (1) record information regarding contacts that reasonably appear to be attempts to influence the procurement process within the restricted period, and (2) submit the record to NYSERDA's Director of Contract Management who will maintain such records in the appropriate file. The record is to include the contact including their name, organization, address, telephone number, place of principal employment, and occupation, and whether the contacting person or organization is a "potential contractor" or is retained, employed, or designated by the potential contractor to appear before or to contact NYSERDA regarding the procurement.

Failure to comply with the requirements may result in a contractor being barred from governmental procurements. Board Members and employees should contact the General Counsel if they have any questions concerning these requirements.

Regulatory Lobbying: Public Authorities Law §2987 requires every Member, Officer, or employee to record all contacts, whether oral or written, that are an attempt to influence the adoption or rejection of any rule or regulation having the force and effect of law that is issued by NYSERDA. The record must include the day and time of the contact, the identity of the lobbyist, and a general summary of the substance of the contact. NYSERDA shall maintain these records for not less than seven years.

Disclosure: Project Sunlight, a component of the Public Integrity Reform Act of 2011, is intended to provide the public with an opportunity to see when outside individuals and entities are interacting with—and attempting

to influence—state government decision-makers in particular ways. Project Sunlight requires reporting in an online database all interactions that constitute “appearances” between “covered individuals” inside NYSERDA and “covered individuals” outside NYSERDA concerning one of five designated Project Sunlight subject areas.

An “appearance” is an in-person meeting, telephonic conversation, or video conference that is a substantive interaction meant to influence state government decision-making. Excluded from “appearance” are all written communications; administrative or ministerial interactions; purely informational exchanges; interactions regarding legislation or the budget; and meetings that are open to the public. NYSERDA “covered individuals” are those individuals designated as “policy-makers,” which includes Board Members. “Covered individuals” outside NYSERDA include internal and external representatives of outside entities, individuals representing themselves, and representatives of advocacy groups. Not included are employees of other state agencies and of other governments; state elected officials, executive and legislative employees, judges, and employees of the judiciary; representatives of the media; and persons under the age of 18. An “appearance” between “covered individuals” must be reported if it concerns one of five designated subject areas: procurement (outside of the restricted period defined by the Procurement Lobbying Law), regulatory matters, rulemaking, judicial or quasi-judicial proceedings, and rate making.

Reportable appearances must be recorded in the database within five business days after they occur, sending NYSERDA’s Project Sunlight reporting form to projectsunlight@nyserda.ny.gov. NYSERDA’s Project Sunlight Liaison, designated by the General Counsel, coordinates and oversees this reporting. Board Members should contact the Project Sunlight Liaison or General Counsel if they have any questions concerning these requirements.

Discretionary Funds: The expenditure of NYSERDA’s discretionary funds must relate directly to an enumerated power, duty, or purpose of NYSERDA. Public funds may not be used to purchase items that are considered personal expenses or that are intended to personally benefit a Member, Officer, or employee. NYSERDA may not use discretionary funds for purchases that are not necessary to advance its mission. NYSERDA’s handbooks and manuals provide further guidance regarding appropriate uses of discretionary funds for expenses directly related to an enumerated power, duty, or purpose of NYSERDA. The additional guidance sets forth a process for approving discretionary expenditures and notes the individual authorized to approve.

SECTION 4: EMPLOYEE RESPONSIBILITIES

In this section:

- Internal Control Policy
- Internal Control System
- Training and Awareness
- Review Process
- Controls Testing
- Decision Framework
- Annual Reporting

Internal Control Policy

It is the responsibility of every employee to abide by the requirements of the internal controls system. All employees are expected to be aware of NYSERDA's internal controls system and regularly consider the system in performing their tasks. All employees sign an annual acknowledgement of conflict of interest policy and code of conduct policy to foster awareness of, and commitment to adherence with, basic standards and State and Federal laws which NYSERDA employees are required to follow. These policies set forth NYSERDA's expectations that its employees conduct themselves in an honest and ethical manner. If an employee identifies a potential weakness in, or deviation from, NYSERDA's internal control systems or generally accepted systems of internal controls, they shall report such potential weakness or deviation immediately in accordance with NYSERDA's Whistleblower Policy, linked hereto as Appendix B.

Internal Control System

The Internal Control System establishes checks and balances over NYSERDA's functions. NYSERDA regularly reviews the adequacy of the controls, especially in areas of highest vulnerability, revising them as necessary to reflect organizational changes, new program mandates or staffing adjustments, and taking corrective action when internal control weaknesses are identified. NYSERDA stresses to every employee the importance of communicating and adhering to the policies and procedures in the Internal Control System.

The Internal Control Officer is responsible for assisting with the implementation and review of the internal control system and for implementing education and training of staff.

All employees and Officers have access to all manuals that comprise the Internal Control System which are:

- Internal Control Manual – the compilation of the accounting, operating and administrative controls of NYSERDA as described more fully in the following manuals;
- Operations and Procedures Manual – details the policies and procedures followed in planning and implementing NYSERDA's programs and administration, including its contracting process to ensure compliance with State statutes, regulatory requirements and Executive Orders;
- Personnel Handbook – details NYSERDA's personnel practices and policies which apply to all employees; and
- Accounting Policies and Procedures Manual – details the financing and accounting practices.

Internal Control Training and Awareness

The Internal Control Officer (ICO) shall coordinate training and awareness activities to ensure that all NYSERDA employees have an understanding of internal control principles and how they relate to the performance of their work assignments. The ICO and executive management shall at least once a year communicate to NYSERDA staff regarding internal control principles and responsibilities.

Internal Control Review Process

The ICO shall coordinate a process of organization-wide risk assessment at least once every three years. The risk assessment shall identify significant risks which threaten the achievement of unit/organizational objectives, the controls in place to eliminate or mitigate these risks, and an assessment of the relative likelihood of occurrence and the impact of such risks using a rating system to be established by executive management. Each risk assessment shall be reviewed and approved through executive management and shall also be provided to the Director of Internal Audit for review and comment. The results of the organization-wide risk assessment shall be communicated to the Audit and Finance Committee for review and comment.

In intervening years, the ICO shall coordinate a review of NYSERDA's internal control policies and procedures, organizational structure, and inventory of functions in consultation with the Executive team and the Director of Internal Audit and consider and recommend changes to improve internal controls. Employees are encouraged to regularly review and pursue opportunities to improve internal controls ongoing, and to coordinate with all stakeholders to ensure agreement and coordination on any such improvements.

The ICO shall be responsible for monitoring the implementation of corrective actions which result from internal control reviews, internal control testing, internal audit reports, or reports issued by external auditors related to internal control matters. The ICO shall provide a report to the President and CEO at least annually summarizing the status of all such corrective actions.

Internal Control Testing

To supplement the ongoing evaluation of the adequacy of NYSERDA's internal controls, NYSERDA shall conduct compliance testing at least annually to determine the extent to which staff follow prescribed policies and procedures.

Decision Framework

NYSERDA has established a documented decision-making framework that serves as a key control to ensure that major decisions - particularly those affecting state policy and significant budget allocations – are well-informed and elevated to appropriate levels of the organization. This framework instills a rigor in the data-gathering and analysis used to guide decisions, fosters assignment of project management resources to make major initiatives successful, builds in cross-coordination to ensure functional areas that need to support those initiatives are consulted prior to launch, and through the use of standard templates drives the identification of initiative success metrics to allow for objective assessment of progress and, as needed, timely course correction. It also provides a standard matrix to clarify which decisions need to be approved by various levels of management, to help ensure that Officers and/or the Board are consulted for major precedential and cross-cutting matters while supporting efficient, prudent delegation of more localized decisions. This decision framework is detailed in the Operations & Procedures Manual.

Annual Reporting

NYSERDA prepares the annual report required by Section 2800 of the Public Authorities Law and submits it to the Board Members for review and approval. The report is certified in writing by the President and CEO and the CFO/Treasurer that based on their knowledge the information provided therein is accurate, correct and does not contain any untrue statement of material fact, does not omit any material fact which, if omitted, would cause the financial statements to be misleading in light of the circumstances under which such statements are made and fairly presents in all material respects the financial condition and results of operations of NYSERDA as of and for the periods presented in the report.

Attached as part of the annual report is a copy of the annual independent audit report, performed by a certified public accounting firm in accordance with generally accepted government auditing standards, and management letter with any other external examination of the books and accounts (other than reports of any examinations made by the State Comptroller). This annual report is submitted to the persons designated by Sections 2800 and 2802 of the Public Authorities Law.

NYSERDA also submits the annual internal control certification and report in accordance with requirements established by the Authorities Budget Office.

SECTION 5: CORE FUNCTIONAL CONTROLS

Grounded by the scope of its enabling legislation, NYSERDA develops policies and strategies and executes programs geared to help NYS attain goals with regard to energy security, reliability, affordability, and climate change mitigation, while being a good steward of ratepayer and taxpayer funds and serving as a reliable source of information for New Yorkers. In this context, NYSERDA operates with a mission to “Advance clean energy innovation and investments to combat climate change, improving the health, resiliency, and prosperity of New Yorkers and delivering benefits equitably to all.” While NYSERDA functions are likely to evolve over time, there are five foundational functions that are likely to remain stable for the foreseeable future and encompass the majority of NYSERDA activities in some way, as outlined below.

Set Vision and Strategy



NYSERDA serves as New York’s State Energy Office, Chair of the State Energy Planning Board and Co-Chair of the Climate Action Council, established by the Climate Leadership and Community Protection Act (CLCPA). Through these roles, NYSERDA assesses, designs and implements actions that accelerate clean energy transition and climate mitigation, as well as drive an equitable transition to a clean energy economy. Complementing this work, NYSERDA also plays a key role in ensuring energy security for New York State, and by providing the State’s energy policy decision makers with a wide range of data and analyses to support policy making and leading statewide energy planning.

Governing Legislation and Regulatory Requirements

NYSERDA monitors legislative and regulatory developments that establish specific goals and timelines for achievement thereof, which NYSERDA may also then play a key role in attaining.

Mission and Vision

In this context, NYSERDA’s work is guided first and foremost by its [mission and vision](#) as published on our website. These, combined with core mandates and targets articulated in the CLPCA, serve as guideposts for strategy setting, planning, resource allocations, and goals determination ongoing. Mission and Vision are discussed with new employees as part of their onboarding, and reinforced in annual goal-setting sessions to help ensure that work efforts stay aligned with these overarching precepts and are periodically reviewed and updated to ensure NYSERDA is synchronized with current policy directions and energy market dynamics.



Core Mandates and Targets

NYSERDA is charged with coordinating and delivering clean energy outcomes, which may be the result of legislative directions, such as the CLCPA, regulatory actions, such as Public Service Commission initiatives and programs, as well as administrative directions, such as through the State Energy Plan. These actions, whether individually or in the collective, provide the foundation from which specific programs will organize program outcomes and implementation outputs as targets to advance overall state policy. These in turn provide an inherent “tone from the top” in articulating results NYSERDA is charged with delivering and related budgets and timeframes.

Strategic Outlook

Annually, NYSERDA develops a Strategic Plan (the “Strategic Outlook”), which describes how NYSERDA will pursue its mission, goals, and objectives over the ensuing three years. NYSERDA ensures that the Plan maps to and supports attainment of longer-term goals. The President’s office assigns a leader to develop the Plan, who then meets with executive management and program staff to discuss and evaluate goals and strategy options, then creates the draft planning documents. The final draft of the Plan is reviewed by the Officers before presenting to the Program Planning Committee and the Board for approval.

Financial Plan and Annual Budget

In parallel with the preparation of the Strategic Outlook, a proposed Budget and Financial Plan are prepared by NYSERDA staff in accordance with governing accounting principles and NYS Comptroller standards. The Budget reflects a view of projected sources and uses of funds for the upcoming fiscal year. The Financial Plan appends to these higher-level projections of the same for the three fiscal years thereafter. Data are presented in a manner consistent with NYSERDA’s programs and functions and include estimates of revenues and expenditures for each combination of major funding source and major program or function.

The proposed Budget and Financial Plan are made available for public inspection on NYSERDA’s website no less than 60 days before the start of the fiscal year and 30 days before approval by the Board Members. The materials published include a description of the budget process, the principal underlying assumptions and risks, a breakdown of the major sources of revenues, expenses by both functional category and major program, information on proposed capital investments, and a certification by the CFO and the President and CEO that, to the best of their knowledge and belief after reasonable inquiry, the proposed Budget and Financial Plan are based on reasonable assumptions and methods of estimation.

The proposed Budget and Financial Plan are then submitted to NYSERDA’s Board Members for approval as per Section 2801 of the Public Authorities Law, and upon approval then to the persons designated in such Section 2801 to receive such Budget and Financial Plan. This includes submitting copies to the State Comptroller within 7 days of approval by the Board Members subject to approval by the Governor pursuant to Section 1854 of the Public Authorities Law and making the approved Budget and Financial Plan available for public inspection on NYSERDA’s website at least 7 days before the start of the fiscal year.

The annual Budget and accompanying Financial Plan serve as a guide for ongoing spending plans. Performance against the annual Budget is tightly monitored. On an ongoing basis, NYSERDA prepares and publishes to its Board no less than quarterly financial statements that identify variances between actual revenues and expenses and those that were budgeted, the drivers thereof, and corrective measures as needed. NYSERDA posts on its website not less than 90 days after the close of each fiscal year actual financial results versus budget, as reported in NYSERDA’s audited financial statements. The CFO also notifies the Board Members and the State Comptroller in writing at any point during the fiscal year when he or she learns of any adverse development that would materially affect the Budget or Financial Plan.

In addition, NYSERDA uses the three mechanisms below to provide additional direction-setting guardrails and to ensure timely performance monitoring:

- Assessments of Program Spending and Outcomes.* Large portions of NYSERDA’s work are driven by orders issued by the Public Service Commission (PSC), that identify expectations for outcomes and the funds approved to support work to attain those in a given timeframe. Additional significant work efforts are supported by state/federal grants, by Regional Greenhouse Gas Initiative (RGGI) proceeds which are programmed according to its governing regulations, and for certain functions through funding approved in New York’s state budget appropriations process. These four mechanisms all serve as restricted funding that require specific monitoring and reporting of progress, outcomes, and spending at fund level at least annually. In the case of certain larger and longer-term PSC orders, investment or operating plans that provide additional detail on specific programs, outcomes, and spending projections. In the case of grants, progress, outcomes, and spending are reported periodically to the funding organization per the terms of the grant. RGGI-funded programs are proposed and implemented by NYSERDA through an annual review of the Operating Plan, meeting yearly with a stakeholder advisory group to ensure alignment, and submission to the Board for approval. For direct state funding, NYSERDA reports annually to the Department of Budget on spending and outcomes.
- Resource Planning and Monitoring.* NYSERDA develops a human capital resource budget as part of regular budgeting process, working with each division to understand evolving needs for employee and contractor support and reflect those in budgets where need-justified and as funds allow. The process includes challenge sessions to ensure that headcount remains grounded in reality and to encourage work reprioritization and/or resource redeployment to optimize the use of existing resources. These sessions also proactively surface skill-building needs soon enough to be addressed to execute the work successfully. After budget approval, follow-up sessions are held at least twice each year to ensure staffing stays in line with budget and allow timely pivots as needed. Any out-of-budget requests must be submitted through an exception process with approval of all Officers to proceed.
- Capital Expenditures vs. Budget.* NYSERDA prepares a rolling four-year outlook of projected changes in capital assets. A more detailed one-year view is then created to feed into the annual budget process. The budget process includes Officer-level review of all requested investments to substantiate need, fit, and cashflow and depreciation impact.

Design and Deliver Policies

In the context of NYS overarching strategy and goals, and NYSEERDA's mission and goals in support of those, NYSEERDA develops macro-level policies to inform and enable attainment of key state energy goals.

Policy Design and Delivery Functions

- Support government affairs matters, serving as liaison between NYSEERDA, other NYS Agencies and Authorities, and elected officials, and addressing inquiries from the Governor's office, Federal and State legislatures, and local government officials.
- Coordinate across NYSEERDA on proposals, strategies, and approaches, for engagement in Public Service Commission proceedings, Federal Funding Opportunities, other agency proposed rulemakings, and through activities as initiated or identified by the State Energy Plan, the Scoping Plan, or other guidance.
- Research and analyze various public policy designs to determine optimal approaches to advance the combined goals of energy efficiency, emissions reduction, sustainability, and affordability.
- Engage in state and regional planning to foster a cohesive and timely approach to update and expand state energy infrastructure to enable reliable, resilient delivery of power.
- Coordinate environmental research to understand and mitigate potential cross-impacts and foster sustainable solutions.
- Advise staff to ensure Programs are designed specifically to support achievement of NYSEERDA's core mandates and targets, with specific market interventions evaluated using intelligence from government affairs and policy, analysis, and research resources to ensure that program-specific approaches align with and support attainment of broader NYS public policy objectives.

Controls

While certain policy development work may have some unique controls, NYSEERDA has established a fundamental suite of controls that it applies to all of its policy development.

- NYSEERDA establishes a designated division to be accountable for tracking and communicating internally any potential Federal and State legislation that is likely to impact energy efficiency, emissions reduction, climate policies, and environmental justice, and also any which suggests potential implications for NYSEERDA and its stakeholders.
- Staff monitors legislative hearings, assists with the preparation of testimony for hearings, and coordinates the management of NYSEERDA's legislative agenda.
- NYSEERDA maintains all records of oral and written contacts that are an attempt to influence the adoption or rejection of any rule or regulations having the force and effect of law that is issued by NYSEERDA.
- Data is gathered regularly to stay abreast of emerging developments, including review of macro/external conditions and trends as well as regular outreach to internal program design teams.
- Credible, defensible methodologies are used in modeling assumptions, scientific research, and policy development.
- Consistent factors and assumptions are applied across the variety of policy development undertaken throughout the organization.

- Outside expert resources are utilized to provide reliable data inputs and objective review and validation of methodologies

Design and Administer Programs

Requirements of Commission Orders, Grants, and other Funding

Programs must operate in a manner that is consistent with any approved operating plan, funding agreement, Public Service Commission Order, law or regulation related to the program funding source. NYSERDA identifies a business owner for each program who is primarily responsible for development and implementation of their program area, for consistency with the Board-approved Plan, and for ensuring the collection and tracking of all required information and metrics needed for compliance filings according to the Public Authorities Law and other statutory and administrative requirements, in consultation with oversight provided by a division-head level employee.

Types of Programs

NYSERDA programs tend to fall in one of the following categories:

- Improving energy affordability, reliability, and public health at a local level through incentive programs where parties such as households, building owners, and businesses may apply for grants or rebates to install qualifying energy efficiency, renewable energy, or beneficial electrification improvements.
- Increasing the use of clean energy technologies through incentive programs and competitive solicitations for renewable energy development which NYSERDA monitors through completion through partnership with developers and community stakeholders and rigorous contract management.
- Providing technical expertise, reliable data, and advisory services to households, businesses, institutions, and communities seeking to improve energy efficiency, to deploy clean energy generation, and/or to electrify homes, buildings, and vehicles.
- Fostering climate and clean energy technology innovation, providing support for developing, commercializing, and demonstrating new technologies to help scale up solutions economically.
- Developing and offering financing mechanisms that lower the cost of capital for a clean energy transition, for instance through NYSERDA's NY Green Bank which helps demonstrate successful lending models for new technologies that in turn help attract and scale private capital.

Controls

While the programs above may have some unique controls, NYSERDA has established a fundamental suite of controls that it applies to all of its programs, as noted below.

- *Policy Alignment:* Programs are designed specifically to support achievement of NYSERDA's core mandates and targets, with specific market interventions evaluated using intelligence from Government and Regulatory Affairs and Policy, Analysis, and Research resources to ensure that program-specific approaches align with and support attainment of broader NYS public policy objectives.

- *Expert Design Input:* As programs are developed, they gather input from stakeholder groups and technical experts to ensure that program is designed to optimize outcomes based on market input. NYSERDA has developed internal resources to aid program teams with more specialized expertise, such as performance management, operations, community relations, energy and climate equity, siting, and workforce development to aid in program design.
- *Multidimensional Review and Readiness Checks:* Before launch, programs are reviewed through a cross-functional team of resources from across NYSERDA to refine program design, ensure organizational and operational readiness to deploy, ensure agreement on success metrics and potential stage gates, and verify compliance with governing law, approved funding, and other regulatory requirements as applicable.
- *Maximize Competitive Procurement:* Pursuant to the Board-approved Procurement and Program Contract Guidelines, Operative Policy and Instructions, NYSERDA uses its best efforts to maximize competitive selection of contractors, unless certain limited criteria for non-competitive selection are present. Before launch, solicitation materials are reviewed and approved internally through to ensure the designated funding amount is within the available budget, and that the intent of the solicitation is consistent with the Board approved Strategic Outlook. The solicitations are made public on, at a minimum, NYSERDA's website and other standard state opportunity notice publications. Solicitation results are reviewed by a Scoring Committee selected for their subject matter expertise and evaluated per evaluation criteria set forth in the Solicitation document.
- *Rigorous Contracting:* All contract actions require a clear and defined set of tasks and deliverables. For financing-type activities, a loan agreement or comparable document records the eligible use of funds and repayment terms. Contract statements of work and/or financing terms are defined by a qualified NYSERDA manager and carefully reviewed for accuracy, as well as procurement and legal compliance.
- *Closely Monitored Project Management and Oversight:* An assigned project manager is responsible for communicating with contractors, reviewing, and approving deliverables, reviewing and approving invoices, ensuring required data and reporting information is submitted and managing the lifecycle of the contract, including expiration date monitoring and project closeout.
- *Payment:* An integrated system with multi-tiered payment controls has built-in verification measures to ensure substantiation by NYSERDA's project manager that work has been completed as reflect on invoices submitted, as well as basic accuracy and counterparty identity checks.
- *Evaluation and Results Monitoring:* A designated performance management team assesses the outcomes of programs, maintaining sufficient separation from the program teams to ensure objectivity while providing relevant insights to keep improving program impact. *See Section E.*

Additional Controls for Financing Programs

While all programs are carefully controlled, lending programs have additional controls as noted below:

- Program design and major transactions approved at executive level.
- Pre-lending underwriting and fiscal due diligence using commercially accepted standards for comparable products and counterparties.
- Contractual requirements for regular borrower reporting to help assess status and financial health.
- Monthly review of individual loan status and portfolio level repayment outlook assessment, with material individual transaction risk overseen by a risk management committee.
- Regular accounting valuations vetted annually with financial auditors.
- Bonds structured by public financing experts, over-collateralized to minimize default risk, and issued only when approved by NYSERDA's Board and the Public Authorities Control Board.

Enable High-Value Outcomes

In this section:

- Provide Objective Information, External Messaging and Stakeholder Engagement
- Source, Deploy, and Develop Human Capital
- Facilities and Fleet Assets
- Technology and Data Assets
- Legal Services

Provide Objective Information, External Messaging and Stakeholder Engagement

Primary Functions

- Provide reliable, credible, accessible information to all audiences, both proactively (press releases, reports, and whitepapers) and responsively (government, media, and consumer inquiries).
- Design and drive public outreach and education campaigns to raise awareness of NYS' clean energy path and build confidence in NYS' ability to be successful in that regard.
- Identify appropriate events, conferences, and exhibit opportunities for NYSERDA program marketing, outreach, and education, and provide conference and meeting support including venue selection and contracting, equipment and facility logistics.

Controls

- Automated monitoring tools are employed to rapidly identify media reports or other public mention of NYSERDA's work scope and staff respond quickly to ensure that accounts are factual, unbiased, and up to date.
- Staff charged with any kind of direct external communications duties maintain up-to-date knowledge of NYS direction, relevant legislative and regulatory development, NYSERDA's role, goals, and priorities, and NYSERDA's initiatives and eligibility criteria, and they train and support any contracted resources supporting this function.

- Staff in this function receive legal alerts from in-house counsel that may pertain to communication modes and standards and promptly update practices and websites to stay current and compliant.
- Press Releases go through a cross-functional review prior to release. Prior to any public release, content is fact-checked, funding amounts verified to budget, and positioning aligned with broader NYS communications guidance.
- Reports and Whitepapers are developed using reliable, credible and consistent information, and go through a cross-functional review prior to release. Prior to any public release, content is fact-checked, potential and positioning aligned with broader NYS communications guidance.

Source, Deploy, and Develop Human Capital

Primary Functions

- Manage recruiting, compensation, and performance management to ensure human capital is sufficient to successfully execute work scope and deliver intended outcomes
- Assess skill needs and facilitate employee training
- Ensure legal compliance with human resources related matters
- Ensure NYSERDA practices foster an inclusive and equitable environment

Controls

- Human resources practitioners work closely with in-house counsel and DEI experts to design, update, communicate, and enforce practices that are compliant with governing laws and regulations and inclusive in nature.
- Annual resource planning discussions are used to establish total and division-level headcount budgets grounded in a realistic reflection of need. Requests for any positions not within this budget are elevated by HR to NYSERDA Officers for consideration with approval contingent on available funding.
- Compensation structures are founded on NYS standards, utilizing NY state employee health care and retirement plans and with published “Management/Confidential” grades as a guide for salary determination. Pay adjustments are determined using a consistent documented approach.
- All NYSERDA positions are filled based on merit, based upon defined job descriptions, and using a consistent recruitment process and standards. Recommended salaries are determined by HR and approved by the CEO prior to offer. Policy-maker positions are further vetted with the Comptroller’s Office for approval prior to offer.
- NYSERDA maintains a robust goal setting and performance review process whereby goals are cascaded from entity-level to division, department, and individual employee for alignment. Goals are reviewed by managers to ensure completeness and relevance. Annual performance evaluations are coordinated by human resources practitioners, including calibration sessions with Officer review to foster consistent application and policy adherence.
- Performance reviews, resource planning sessions, engagement surveys, and legal updates inform NYSERDA’s training plans to ensure skill development supports attainment of NYSERDA’s mission outcomes. Topics related to ethics, security, and other foundational matters are part of a suite of mandatory annual employee training logged in a system and carefully tracked to ensure completion.
- Annual personnel reporting is provided to the Comptroller’s office and the Department of Labor.

- In an effort to ensure consistent readiness to execute our mission, a comprehensive Continuity of Operations Plan has been developed to enhance NYSERDA's ability to operate in an emergency or disaster situation. It is reviewed and updated at least annually and approved at the Officer level, and is supplemented with periodic emergency and response testing or training to ensure it can be deployed promptly in practice.

Facilities and Fleet Assets

Primary Functions

- Secure cost-effective workspaces in appropriate locations and with the necessary infrastructure to foster an engaged, productive workforce.
- Ensure that all NYSERDA offices remain safe, secure and well-maintained while providing supplies, reception, mail and building services to allow the entire team to function effectively.
- Ensure NYSERDA facilities are aligned with NYS sustainability goals.

Controls

- NYSERDA updates facilities plans annually, and with a 4-year outlook.
- Physical security is maintained through a controlled electronic building access system, asset tracking, employee training, annual filing of emergency response plans, and staff notification systems. Insurance risk is reviewed and policies updated annually with an insurance broker.
- Energy efficiency and sustainability are regularly assessed and reported as per EO22 and similar statewide mandates.

Technology and Data Assets

NYSERDA has established a dedicated information technology team to provides access to secure networks, websites, applications, software, telecommunications and other core services for the organization, and has complemented that with an independent information security office. As a standard practice, NYSERDA aims to align with the relevant NYS Office of Information Technology Services (ITS) policies regarding system security, website standards, software development, and data governance.

Technology and Data Assets: Information Technology (IT)

Primary Functions

- Operate a service desk (help desk) to address staff questions/issues with hardware or software.
- Procure, operate, and maintain computer hardware and software.
- Review program solicitations that contain a software development component for compliance with NYS cybersecurity and ADA (Americans with Disabilities Act) requirements.
- Collaborate with staff to review potential system, software or data solutions needs, ensuring best practices, security, and alignment with the overall system strategy and ITS requirements are addressed in determining the best option to implement.
- Develop, enhance, maintain, and operate the core system and data platforms for NYSERDA.
- Maintain security of computer hardware and software.
- Provide training to staff on computer hardware and software usage.-

- Maintain NYSERDA's website.

Controls

- Technology needs identified by staff are assessed by IT to ensure business needs and ITS standards are met, whether through development on a NYSERDA platform or a 3rd party provider. The purchase of computer hardware or software must be approved by IT prior to procuring or installing.
- Governance committees are utilized to review, approval, and prioritize information technology projects. These committees include representatives of the business users, IT and operations staff on the primary systems and platforms used by NYSERDA.
- Provide a secure data storage structure for staff that provides for nightly back-up and disaster recovery capabilities, that meets the data governance requirements of the data being stored.
- Establish processes to ensure access to the network is restricted to valid users, and each user is given a password. Multi-factor authentication is employed for data accessed via the internet.
- Physical access to the network computer systems equipment is limited to authorized staff.
- All data stored on the network or personal computers is considered NYSERDA work product. NYSERDA computers and information systems (including email) must be used in accordance with New York State policy requirements (NYS-P14-001).
- Illegal copying of NYSERDA software, or use of illegal copies of software packages on any of NYSERDA's computers, is not permitted.
- Non-NYSERDA software may not be copied or installed on NYSERDA computers without written authorization (generally in the form of an approved service desk ticket) from the Service Desk Supervisor.
- Every staff member of NYSERDA is assigned a computer (or virtual machine) and is given access to the network. It is the responsibility of each staff member to protect NYSERDA's investment in computer technology. Staff members shall report immediately any lost, damaged or missing items. Upon leaving NYSERDA all assigned IT equipment and software must be returned and validated by IT before the final paycheck is issued.
- The IT staff records the serial number of each piece of equipment provided to each staff member; and updates these records as equipment and software are added or removed. Hardware inventories are validated annually.

Technology and Data Assets: Information Security

Primary Functions

- Protect and maintain the confidentiality, integrity and availability of information and related infrastructure assets
- Manage the risk of system or data security exposure or compromise
- Assure a secure and stable information technology (IT) environment
- Identify and respond to events involving information asset misuse, loss or unauthorized disclosure
- Monitor systems for anomalies that might indicate compromise
- Promote and increase the awareness of information security

Controls

- The NYS Office of Information Technology Services (ITS) establishes and regularly updates policies, standards, and guidelines for information security (“ITS Security Policies”) for state entities. These policies apply to all NYSERDA information technology devices and data. All individuals who handle NYSERDA information must adhere to the provisions of these policies.

- The Information Security Officer (ISO) is the central point of contact for all information security matters and reports independently to the CFO & Treasurer, with duties segregated from the operation of the information technology systems.
- The ISO is responsible for the design, implementation and monitoring of systems and procedures to protect and assure the availability of NYSERDA's information and related infrastructure assets, and to monitor for and respond to events involving information misuse, loss or unauthorized disclosure using applicable federal and state standards as a guide.
- All data collected and stored by or on behalf of NYSERDA are classified and managed consistent with ITS standards. A cross-functional team is responsible for classifying data and coordinating external sharing requests. NYSERDA ensures that user authorization and permissions are established and regularly verified to protect confidential data. External parties granted limited data access where necessary to fulfill their NYSERDA-contracted responsibilities are bound by strict contract terms to enforce prudent data security measures.
- NYSERDA systems are equipped with Enterprise Detection and Response (EDR) software managed 24/7/365, configured for automatic checking and system shielding and scanning frequently for viruses, to protect against the introduction or spread of malicious intent.
- All NYSERDA employees are required to complete annual state cyber security training.

Legal Services

Primary Functions

- Provide legal advice and draft legal opinions and documents for NYSERDA, including proposed rules, regulations, and legislation as well as permits and applications
- Provide legal advice and oversight of NYSERDA strategy, programs, policies, and the contracting process
- Respond to Freedom of Information Law (FOIL) requests
- Oversee and provides guidance to staff and NYSERDA's Board on ethics matters
- Serve as Secretary for the Board and its standing committees and coordinate NYSERDA records management systems and compliance

Controls

- General Counsel represents NYSERDA's interests in legal actions or proceedings and consults with executive management and the Board as deemed necessary.
- Legal team resources monitor emerging legal developments and risks and ensure communication thereof to appropriate staff.
- Internal legal resources take regular ongoing training and are also supplemented with outside counsel expertise, to ensure access to highly knowledge practitioners on all the various topics with which NYSERDA may engage.
- Designation of a named Ethics Officer ensures staff have a knowledgeable resource to advise on ethics questions. The Ethics Officer will promptly investigate any potential improprieties and ensure satisfactory resolution, education, and as needed remediation.

- Designation of a named Records Access Officer ensures staff have a central point of contact to coordinate responses to FOIL requests.
- The Records Management Officer ensures a robust records management system and related policies in accordance with the General Retention and Disposition Schedule for New York State Government Records and provides staff with guidelines for maintaining records.

Monitor and Adjust

One key control NYSERDA has established is to assess the outcomes of its programs through an internal team that is intentionally separate from the program teams themselves and is charged with independent verification. Supplementing this, NYSERDA provides extensive public reporting of its programs, relative investment therein, and their respective outcomes, to ensure transparency of our work and reinforce accountability to attaining the target outcomes with which we are charged.

As a complement to these program-specific evaluations, NYSERDA also maintains a cross-cutting Internal Audit function. Internal Audit conducts a series of rotating audits defined in annual audit plans approved by the Audit and Finance Committee of the Board as a means to independently review and test compliance with internal policies and procedures. Finally, NYSERDA also conducts an annual external audit of its accounting and financial reporting processes and the resulting financial statements, and periodically engages outside cyber security, audit, and risk management firms to conduct objective audits of relative risk levels and to recommend prioritized improvements.

Program Performance Evaluation and Outcome Reporting

NYSERDA target outcomes are defined from underlying mandates articulated in a combination of governing legislation, Public Service Commission orders, the Regional Greenhouse Gas Initiative (RGGI) operating plan approved by the Board, and the terms of grants NYSERDA is selected to receive. NYSERDA carefully monitors both interim and final outcomes of its programs and provides various reports to transparently convey status and progress.

NYSERDA has instituted a performance evaluation function to assess the effectiveness of its major programs in achieving the NYS public policy goals under NYSERDA's purview. Competitively selected, expert evaluation contractors measure and verify impacts attributable to NYSERDA's program activities and examine program efficiency and effectiveness. NYSERDA reports monthly, quarterly, and annually on the performance of various programs to executive staff, the Governor, the New York State Legislature, the Public Service Commission, other program sponsors, advisory groups, and stakeholders. Information gleaned from evaluation processes is used not only for maintaining accountability, but also an important input to continuously improve program and portfolio impact and cost effectiveness.

Financial Reporting and External Audits

NYSERDA prepares annual financial statements in accordance with generally accepted accounting principles (GAAP) applicable to state and local government entities. These are certified by NYSERDA's CFO & Treasurer, and also the President & CEO, as fairly presenting in all material respects the operations and financial condition of NYSERDA. As added control measures, the annual financial statements are independently audited by a Certified Public Accounting firm and then after review of said firm's Opinion Letter, approved by the NYSERDA Board. NYSERDA ensures that the Audit and Finance Committee of the Board has an opportunity to consult privately with the lead partner of the Certified Public Accounting to

ensure independence. To further ensure objectivity and compliance throughout the year, NYSERDA also prepares interim quarterly financial statements which are reviewed by NYSERDA's independent auditors and then distributed to the Board. NYSERDA's financial reports are posted to NYSERDA's website in accordance with NYS Comptroller standards.

Internal Audit Purpose and Mission

The purpose of NYSERDA's internal audit function is to provide independent and objective assurance and consulting services designed to add value and improve NYSERDA's operations, and, consistent with Public Authorities Law Section 2932, evaluate NYSERDA's internal controls and operations, identify internal control weaknesses that have not been corrected and make recommendations to correct these weaknesses. The mission of internal audit is to enhance and protect organizational value by providing risk-based and objective assurance, advice, and insight. This is to be accomplished through a systematic, disciplined approach of evaluating and improving the effectiveness of risk management, control, and governance processes. Please see Appendix A for details.

SECTION 6: ENERGY SAFETY

Along with its program activities, NYSERDA plays a role ensuring energy supply safety and security.

Energy Emergency Preparedness

NYSERDA has developed, and updates annually a the preparation of New York's State Energy Security Plan Energy Emergency Plan outlining steps to detail how NYS, working with public and private sector energy partners, takes prudent steps to secure its energy infrastructure against physical and cybersecurity threats, mitigate the risk of energy supply disruptions, enhance the response to and recovery from energy disruptions, and ensure that the state has secure, reliable, and resilient energy infrastructure. This plan is reviewed and updated at least annually and approved at the Officer level.

NYSERDA is also responsible for the ongoing maintenance of the State's strategic fuel reserves to ensure an appropriate supply is available for first responders in the event of a fuel supply emergency. Inventories and prices are monitored regularly, and reserves are proactively restocked to ensure availability.

Radioactive Waste Management

Primary Functions

- Management of NYSERDA's activities in the West Valley Demonstration Project (WVDP)
- Management of the State Licensed Disposal Area and Retained Premises of the Western New York Nuclear Service Center (WNYNSC)

Controls

- NYSERDA owns the Western New York Nuclear Services Center ("West Valley"), which it operates pursuant to a series of licenses and permits, including a Nuclear Regulatory Commission production and utilization license at the federal level, and a Radioactive Materials License issued by the NYS Department of Health, a Radiation Control Permit and a State Pollutant Discharge Elimination System permit issued by the New York State Department of Environmental Conservation, and a

Consent Order issued by the NYS Department of Environmental Conservation and the U.S. Environmental Protection Agency. NYSERDA must also comply with all other applicable State and federal regulations, including regulations for radioactive materials management; radioactive waste generation, management and disposal; hazardous waste generation, management, and disposal; worker industrial and radiation safety; wetland protection; and environmental review.

- Certain actions at West Valley are also controlled by federal legislation that gave sole possession of certain acres of the site to the United States Department of Energy (DOE) and resulting affiliated agreements. The West Valley Demonstration Project Act directs DOE to carry out a demonstration project on high-level radioactive waste solidification and decommissioning at the WNYNSC, and directs DOE and NYSERDA to enter into a Cooperative Agreement to carry out these activities and to implement cost share between the agencies.
- The Cooperative Agreement lays out a framework between DOE and NYSERDA as to the roles, cost shares, and coordination between the agencies, provides for NYSERDA's participation in DOE's procurement process for selecting the management and operations contractor for the WVDP, and provides for NYSERDA input on WVDP activities, progress, plans, funding, issues and concerns, and participates in WVDP meetings with the public, regulators, technical consultants and experts and other stakeholders. Cost share is also established through a federal Consent Decree that resolved the majority of claims brought by NYSERDA against DOE regarding cost allocation at the WVDP. The initial Cooperative Agreement was amended by the Supplemental Agreement to the Cooperative Agreement, the Second Supplemental Agreement and the Third Supplemental Agreement to address the preparation of the Decommissioning EIS, the Phase 1 Studies, and the preparation of the probabilistic performance assessment and Supplemental EIS, respectively.
- In addition to the above, site-level written plans and procedures provide the mechanism for implementing the regulatory requirements identified above and for implementing additional best management practices for operations and maintenance, environmental monitoring, emergency response and administrative processes and controls. These plans and procedures are prepared by technical staff or contractors, and are reviewed and approved by a Program Manager/ Program Director or Team Lead and appropriate internal (radiation safety or safety and health) committees before they are incorporated into the program for implementation.

APPENDIX A: INTERNAL AUDIT

Standards for the Professional Practice of Internal Auditing

The internal audit function will govern itself by adherence to the mandatory elements of The Institute of Internal Auditors' International Professional Practices Framework, including the Core Principles for the Professional Practice of Internal Auditing, the Code of Ethics, the *International Standards for the Professional Practice of Internal Auditing* (the *Standards*), and the Definition of Internal Auditing. The Director of Internal Audit will report periodically to senior management and the Audit and Finance Committee regarding the internal audit function's conformance to the Code of Ethics and the *Standards*.

Organization, Reporting Structure and Authority

The internal audit function shall be directed by a chief audit executive ("Director of Internal Audit"), who shall be appointed by the Board Members, as determined by the Audit and Finance Committee. Selection of the Director of Internal Audit shall be based upon his or her internal auditing credentials, including knowledge, skills, experience, and professional certifications necessary to perform the responsibilities described in this section.

The Director of Internal Audit shall report functionally to the Authority's Audit and Finance Committee and administratively (i.e., day-to-day operations) to the President and CEO. To establish, maintain, and assure that the Authority's internal audit function has sufficient authority to fulfill its duties, the Audit and Finance Committee will:

- Approve the internal audit function's description in this Section.
- Approve the risk-based internal audit plan.
- Provide input to the Director of Internal Audit for the internal audit function's budget and resource plan.
- Receive communications from the Director of Internal Audit on the internal audit function's performance relative to its plan and other matters.
- Approve the appointment or dismissal of the Director of Internal Audit.
- Make appropriate inquiries of management and the Director of Internal Audit to determine whether there are inappropriate scope or resource limitations.

The Chair of the Audit and Finance Committee will consult with the President and CEO on the performance reviews and compensation of the Director of Internal Audit.

The Director of Internal Audit shall have unrestricted access to and communicate and interact directly with the Audit and Finance Committee and the Board, including, if necessary, private meetings without management present.

The Audit and Finance Committee authorizes the internal audit function to:

- Have full, free, and unrestricted access to all functions, records, property, and personnel pertinent to carrying out any engagement, subject to accountability for confidentiality and safeguarding of records and information.
- Allocate resources within budgets approved by the board, set frequencies, select subjects, determine scopes of work, apply techniques required to accomplish audit objectives, and issue reports.
- Obtain assistance from the necessary personnel of the Authority, as well as other specialized services from within or outside the Authority, in order to complete the engagement.

Independence and Objectivity

The Director of Internal Audit will ensure that the internal audit function remains free from all conditions that threaten the ability of internal auditors to carry out their responsibilities in an unbiased manner, including matters of audit selection, scope, procedures, frequency, timing, and report content. If the Director of Internal Audit determines that independence or objectivity may be impaired in fact or appearance, the details of the impairment will be disclosed to appropriate parties.

Internal auditors will maintain an unbiased mental attitude that allows them to perform engagements objectively and in such a manner that they believe in their work product, that no quality compromises are made, and that they do not subordinate their judgment on audit matters to others.

Internal auditors will have no direct operational responsibility or authority over any of the activities audited. Accordingly, internal auditors will not implement internal controls, develop procedures, install systems, prepare records, or engage in any other activity that may impair their judgment, including:

- Assessing specific operations for which they had responsibility within the previous year.
- Performing any operational duties for the Authority or its affiliates.
- Initiating or approving transactions external to the internal audit function.
- Directing the activities of any Authority employee not employed by internal audit, except to the extent that such employees have been appropriately assigned to auditing teams or to otherwise assist internal auditors.

Where the Director of Internal Audit has or is expected to have roles and/or responsibilities that fall outside of internal auditing, safeguards will be established to limit impairments to independence or objectivity.

Internal auditors will:

- Disclose any impairment of independence or objectivity, in fact or appearance, to appropriate parties.
- Exhibit professional objectivity in gathering, evaluating, and communicating information about the activity or process being examined.
- Make balanced assessments of all available and relevant facts and circumstances.
- Take necessary precautions to avoid being unduly influenced by their own interests or by others in forming judgments.

The Director of Internal Audit will confirm to the Audit and Finance Committee, at least annually, the organizational independence of the internal audit function.

The Director of Internal Audit will disclose to the Audit and Finance Committee any interference and related implications in determining the scope of internal auditing, performing work, and/or communicating results.

Scope of Internal Audit Activities

The scope of internal audit activities encompasses, but is not limited to, objective examinations of evidence for the purpose of providing independent assessments to the Audit and Finance Committee, management, and outside parties on the adequacy and effectiveness of governance, risk management, and control processes for the Authority. Internal audit assessments include evaluating whether:

- Risks relating to the achievement of the Authority's strategic objectives are appropriately identified and managed.

- The actions of the Authority’s Officers, directors, employees, and contractors are in compliance with the Authority’s policies, procedures, and applicable laws, regulations, and governance standards.
- The results of operations or programs are consistent with established goals and objectives.
- Operations or programs are being carried out effectively and efficiently.
- Established processes and systems enable compliance with the policies, procedures, laws, and regulations that could significantly impact the Authority.
- Information and the means used to identify, measure, analyze, classify, and report such information are reliable and have integrity.
- Resources and assets are acquired economically, used efficiently, and protected adequately.

The Director of Internal Audit will report periodically to senior management and the Audit and Finance Committee regarding:

- The internal audit function’s purpose, authority, and responsibility.
- The internal audit function’s plan and performance relative to its plan.
- The internal audit function’s conformance with The Institute of Internal Auditor’s Code of Ethics and *Standards*, and action plans to address any significant conformance issues.
- Significant risk exposures and control issues, including fraud risks, governance issues, and other matters requiring the attention of, or requested by, the Audit and Finance Committee or the Board.
- Results of audit engagements or other activities.
- Resource requirements.
- Any response to risk by management that may be unacceptable to the Authority.

The Director of Internal Audit also coordinates activities, where possible, and considers relying upon the work of other internal and external assurance and consulting service providers as needed. The internal audit function may perform advisory and related client service activities, the nature and scope of which will be agreed with the client, provided the internal audit function does not assume management responsibility.

Opportunities for improving the efficiency of governance, risk management, and control processes may be identified during engagements. These opportunities will be communicated to the appropriate level of management.

Responsibility

The Director of Internal Audit has the responsibility to:

- Submit, at least annually, to senior management a risk-based internal audit plan.
- Submit, at least annually, to the Audit and Finance Committee a risk-based internal audit plan for review and approval.
- Communicate to senior management and the Audit and Finance Committee the impact of resource limitations on the internal audit plan.
- Review and adjust the internal audit plan, as necessary, in response to changes in the Authority’s business, risks, operations, programs, systems, and controls.
- Communicate to senior management and the Audit and Finance Committee any significant interim changes to the internal audit plan.
- Ensure each engagement of the internal audit plan is executed, including the establishment of objectives and scope, the assignment of appropriate and adequately supervised resources, the documentation of work programs and testing results, and the communication of engagement results with applicable conclusions and recommendations to appropriate parties.

- Follow up on engagement findings and corrective actions, and report periodically to senior management and the Audit and Finance Committee any corrective actions not effectively implemented.
- Ensure the principles of integrity, objectivity, confidentiality, and competency are applied and upheld.
- Ensure the internal audit function collectively possesses or obtains the knowledge, skills, and other competencies needed to meet the requirements of this Section.
- Ensure trends and emerging issues that could impact the Authority are considered and communicated to senior management, and the Audit and Finance Committee as appropriate.
- Ensure emerging trends and successful practices in internal auditing are considered.
- Establish and ensure adherence to policies and procedures designed to guide the internal audit function.
- Ensure adherence to the Authority’s relevant policies and procedures, unless such policies and procedures conflict with this Section. Any such conflicts will be resolved or otherwise communicated to senior management and the Audit and Finance Committee.
- Ensure conformance of the internal audit function with the *Standards*, with the following qualifications:
 - If the internal audit function is prohibited by law or regulation from conformance with certain parts of the *Standards*, the Director of Internal Audit will ensure appropriate disclosures and will ensure conformance with all other parts of the *Standards*.
 - If the *Standards* are used in conjunction with requirements issued by other authoritative bodies, the Director of Internal Audit will ensure that the internal audit function conforms with the *Standards*, even if the internal audit function also conforms with the more restrictive requirements of other authoritative bodies.

Quality Assurance and Improvement Program

The internal audit function will maintain a quality assurance and improvement program that covers all aspects of the internal audit function. The Quality Assurance and Improvement Program will include an evaluation of the internal audit function’s conformance with the *Standards* and an evaluation of whether internal auditors apply The Institute of Internal Auditors’ Code of Ethics. The Quality Assurance and Improvement Program will also assess the efficiency and effectiveness of the internal audit function and identify opportunities for improvement.

The Director of Internal Audit will communicate to senior management and the Audit and Finance Committee on the internal audit function’s Quality Assurance and Improvement Program, including results of internal assessments (both ongoing and periodic) and external assessments conducted at least once every five years by a qualified, independent assessor or assessment team from outside the Authority.

APPENDIX B: WHISTLEBLOWER POLICY

APPENDIX C: NYS COMPTROLLER STANDARDS FOR INTERNAL CONTROL IN NEW YORK STATE GOVERNMENT

Resolution No. _____

RESOLVED, that the amendments to the Authority's Internal Control Manual as presented at this October 4, 2023 meeting, with such non-substantive, editorial changes and grammatical changes as the President and Chief Executive Officer, in their discretion, may deem necessary or appropriate, are hereby approved and adopted.

NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY
INVESTMENT GUIDELINES, OPERATIVE POLICY AND INSTRUCTIONS

(~~June-October~~ 2023)

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INVESTMENT GUIDELINES, OPERATIVE POLICY AND INSTRUCTIONS
(~~June-October~~ 2023)

I. Introduction

These guidelines set forth the policy of the New York State Energy Research and Development Authority (hereafter "the Authority") and instructions to its officers and staff with regard to its investments and the monitoring and reporting of these investments. The guidelines are intended to meet or exceed the provisions of Public Authorities Law (hereafter, "PAL") Section 2925, the Office of the State Comptroller's Investment Guidelines for Public Authorities contained in 2 NYCRR Part 201, Section 201.3, and the provisions of the Authority's enabling legislation concerning Authority investments. In accordance with PAL Section 2925, the guidelines will be reviewed, revised, if necessary, and approved as frequently as necessary and appropriate, but not less frequently than annually, in the manner described hereafter.

The provisions of these guidelines apply to all monies for which the Authority is responsible for directing investment. This includes monies to which the Authority has legal title and which are held by the Commissioner of Taxation and Finance as fiscal agent of the Authority (PAL Section 1859(1)). It also includes monies to which the Authority does not have legal title, but for which it is responsible for directing investment such as monies held by the trustee for the State Service Contract Revenue (West Valley) Bonds.

The Authority conducts a Private Activity Bond Financing Program. Pursuant to this program, tax-exempt non-recourse securities are issued by the Authority, and the proceeds are made available to State utilities and other non-State entities to finance eligible projects. These securities do not constitute a debt of or charge against the credit of the Authority or the State. Rather, the utility or other entity for which the securities are issued is liable for payment of the principal, redemption premium, if any, and interest on the securities. The proceeds of each issuance are deposited with a trustee chosen by the participating utility or other entity and are not available for investment by the Authority. Generally, the Indenture of Trust for the transaction will contain a list of securities in which the Trustee may invest these monies. The list of permitted investments is approved by the Commissioner of Taxation and Finance as part of the Commissioner's review pursuant to the enabling legislation of the Authority. Investments are made at the direction of the participating utility or other entity and not at the direction of the Authority. Accordingly, the provisions of these Investment Guidelines do not apply to the investing of these monies. Nonetheless, when participating in the formulation of these financing transactions, staff are directed to pursue the objectives set forth in the Investment Guidelines and to require that prudent provisions as to permitted investments, collateral requirements and investment monitoring be included in the underlying documents, as appropriate.

II. Definitions

"Broker-Dealer" means any government bond trader approved by the Commissioner of Taxation and Finance reporting to, trading with, and recognized as a primary dealer by the Federal Reserve Bank of New York.

"Custodian" means the Commissioner of Taxation and Finance, or a bank, trust company or national banking association designated or approved to hold securities on behalf of or for the benefit of the Authority, as trustee or otherwise.

"Eligible Banking Institution" means any bank, trust company, or national banking association approved by the Commissioner of Taxation and Finance doing business through offices located within New York State. For the State of New York's Excelsior Linked Deposit Program only, Eligible Banking Institution shall also include savings and loan institutions.

"Federal Governmental Obligations" means obligations of the United States ~~and obligations the principal and interest of which Treasury that~~ are fully insured or unconditionally guaranteed as to the payment of principal and interest, by the United States.

"New York State Obligations" means obligations issued by the State of New York that are fully insured or unconditionally guaranteed as to the payment of principal and interest, by New York State and its agencies, authorities, and localities.

"Other Federally Guaranteed Obligations" means obligations not issued directly by the United States Treasury, these include mortgage-backed securities (MBS) offered by the Government National Mortgage Association (GNMA). This debt obligation contains a pool of mortgages, segmented according to criteria, and sold to the public with a federal guarantee.

"Municipal Commercial Paper" mean short-term obligations issued by municipal entities usually backed by a line of credit with a bank that mature within 270 days.

"Supranational" means obligations of certain international development institutions (name in Section V) that are guaranteed as to the payment of principal.

"Certificate of Deposit" means a type of savings account offered by banks which are insured up to \$250,000 by the Federal Deposit Insurance Corporation.

"Highest rating category" means a rating of AAA/Aaa/AAA related to long term obligations and A-1+/P-1/F1+ related to short term obligations respectively by S&P, Moody's, and Fitch

"Repurchase Agreement" means a written contract whereby the Authority purchases securities, and the seller of the securities agrees to repurchase the securities at a future date for a specified price. Repurchase Agreements may be used to purchase only Federal Government Obligations. The Authority may enter into a Repurchase Agreement only with an Eligible Banking Institution or a Broker-Dealer.

"Money Market Fund" means shares of a diversified open-end management investment company, as defined in the Investment Company Act of 1940, registered under the Federal Securities Act of 1933, and operated in accordance with Rule 2a-7 of the Investment Company Act of 1940 as a "Government Money Market Fund" (investing at least 99.5 percent of its total assets in cash, Government Securities, and and/or Repurchase Agreements that are fully collateralized), provided that it is rated in the highest rating category by at least two nationally recognized rating organizations, and provided that it does not impose any liquidity fees or suspend redemptions as provided thereunder.

III. Investment Objectives

The investment objectives of the Authority, listed in order of importance, are as follows: to conform with all applicable Federal, State and other legal requirements; to safeguard adequately investment principal; to earn reasonable rates of return; and to provide for portfolio liquidity. These investment objectives will likely be achieved through substantial reliance on Federal Governmental Obligations and minimal investment in long-term securities.

IV. Delegation of Authority

The responsibility for implementing the investment program is delegated to the Authority's Chief Financial Officer. All investment transactions shall be approved and authorized by the Chief Financial Officer or, ~~in his/her absence~~ the Controller and Assistant Treasurer, or any Officer of the Authority. Such authorized investment transactions shall be initiated and executed by the Commissioner of Taxation and

Finance (or his/her authorized designees), the Authority's fiscal agent established pursuant to Section 1859 of the Public Authorities Law. The Chief Financial Officer shall establish written procedures for the operation of the investment program consistent with these Investment Guidelines. Such procedures shall include an internal control structure to provide a reasonable level of accountability over the authorization, recording and reporting of investment transactions, and to provide for a segregation of duties between authorization and accounting functions.

Investments shall be made in accordance with the Authority's Investment Guidelines, Operative Policy and Instructions using the judgment and care, under circumstances then prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs, not for speculation, but for investment, considering the objectives set forth herein. All Authority staff participating in the investment process shall act responsibly as custodians of the public trust and shall avoid any transaction that might impair public confidence in the Authority's ability to effectively fulfill its responsibilities. All participants involved in the investment process shall refrain from personal business activity that could conflict with proper execution of the investment program, or which could impair their ability to make impartial investment decisions.

V. Types of Investments Authorized

The Authority may deposit monies in demand deposit (checking) and time deposit (savings) accounts with Eligible Banking Institutions located in New York State. Monies deposited in such accounts shall be fully secured as soon as practicable by Federal Deposit Insurance Corporation (FDIC) insurance or obligations of New York State or Federal Government Obligations, subject to approval of the Commissioner of Taxation and Finance, the Authority's fiscal agent, in consultation with the Authority.

Investments shall be limited to the following types of securities:

- (1) ~~(1)~~ Federal Governmental Obligations, provided that the term of each shall not exceed ~~five (5)~~ ten years;
- (2) ~~(2) obligations of New York State and obligations the principal and interest of which are guaranteed by New York State Obligations,~~ provided that the term of each shall not exceed ~~five (5)~~ ten years;
- (3) ~~(3) certificates~~ Other Federally Guaranteed Obligations issued, or fully insured or guaranteed as to the payment of principal and interest, by any agency or instrumentality of the United States of America that are rated in the highest rating category by at least two nationally recognized statistical rating organizations.
- (4) Municipal Commercial paper issued by a NYS municipal entity or any political subdivision or any agency of NYS rated in the highest short term rating category by at least two nationally recognized statistical rating organizations.
- (5) Supranational Obligations issued by the following institutions: the International Bank for Reconstruction and Development, Inter-American development bank, and the International Finance Corporation that are rated in the highest rating category by at least two nationally recognized statistical rating organizations.
- ~~(3)~~(6) Certificates of deposit of Eligible Banking Institutions located in New York, provided that: the term of each shall not exceed five (5) years; pursuant to the limitations of a resolution adopted by the Members in June 1994, the Authority may invest in certificates of deposits through the State of New York's Excelsior Linked Deposit Program, whereby the Authority's deposit will earn a fixed

rate of interest equal to 2% to 3% less than the institution's published certificate of deposit rate consistent with this program's criteria; and subject to all other provisions outlined in these Guidelines.

(4)7) Repurchase Agreements, provided that the term of each shall not exceed sixty (60) days and that no more than 40 percent of the Authority's total investments shall be invested in Repurchase Agreements at the time of purchase; and

(5)8) Money Market Funds, provided that no more than 20 percent of the total amount of the Authority's investments shall be invested in Money Market Funds for more than 15 consecutive days.

Nothing herein contained shall preclude the Authority from imposing further restrictions on the investing of funds in any Indenture of Trust relating to the issuance of bonds.

VI. Authorized Financial Institutions and Dealers

Eligible Banking Institutions and Broker-Dealers authorized for the Authority's investment purposes shall be approved based upon policies and procedures established by the Commissioner of Taxation and Finance. The Authority will periodically consult with the Department of Taxation and Finance concerning their policies, practices and the resulting list.

VII. Diversity of Investments

To the extent practical, the Authority shall diversify its investments by financial institution, by investment instrument, and by maturity. The cash flow requirements of the Authority will be a significant determining factor in selecting the term of investment securities. Competitive quotations, pursuant to policies established by the Commissioner of Taxation and Finance and executed by his/her designated staff, shall be used to select the institution from which investments are purchased.

Except as otherwise required by any policies and practices of the Commissioner of Taxation and Finance, the Authority shall not invest more than 35 percent of its total investment portfolio with a single Eligible Banking Institution.

VIII. Collateral and Delivery of Securities

Collateral for investments shall be limited to: (i) obligations of New York State and obligations the principal and interest of which are guaranteed by New York State; and (ii) Federal Governmental Obligations. The Authority shall not accept a pledge of a proportionate interest in a pool of collateral. Collateral shall be segregated in the name of the Authority, and shall be in the custody of the Authority or a third party Custodian pursuant to a written custodial agreement; provided, that if the Custodian is the Commissioner of Taxation and Finance, a written custodial agreement shall not be required. The written custodial agreement shall specify circumstances, if any, under which collateral may be substituted, and shall provide that the Custodian holds the collateral solely for the benefit of the Authority and makes no claim thereto. The market value of collateral and accrued interest, if any, shall equal or exceed the value of the secured investment and accrued interest, if any, at all times. Collateral shall be marked to market at the time of the initial investment and, thereafter, no less frequently than monthly using the bid or closing price as quoted in The Wall Street Journal.

In addition to collateral permitted for investments, collateral for deposits made with banks participating in the State's Excelsior Linked Deposit Program shall, subject to the discretion of the Commissioner of Taxation and Finance with confirmation to the Authority, include obligations permitted under Section 105 of

the State Finance Law.

Certificates of deposit, demand deposits and time deposits shall be fully collateralized for amounts in excess of Federal Deposit Insurance Corporation (FDIC) coverage.

Securities purchased through a Repurchase Agreement shall be marked to market at least monthly.

Collateral shall not be required with respect to the purchase of obligations of New York State, obligations the principal and interest of which are guaranteed by New York State, Federal Governmental Obligations, or money market funds.

Under any Repurchase Agreement, payment shall be made by or on behalf of the Authority to the seller upon the seller's delivery of obligations of the United States to the Custodian designated by the Authority, or, in the case of a book entry transaction, when the obligations of the United States are credited to the Custodian's Federal Reserve Bank account. Payment shall be made by or on behalf of the Authority for obligations of New York State, obligations the principal and interest of which are guaranteed by New York State, Federal Governmental Obligations, certificates of deposit, and other purchased securities upon the delivery thereof to the Custodian designated by the Authority, or, in the case of a book entry transaction, when the purchased securities are credited to the Custodian's Federal Reserve System account.

IX. Written Contracts

The Authority has determined that, with the exception of Repurchase Agreements, written contracts are not a regular business practice for the types of securities (obligations of New York State, Federal Governmental Obligations, etc.) in which Authority monies may be invested. The interests of the Authority will be adequately protected by conditioning payment by or on behalf of the Authority on the physical delivery of purchased securities to the Authority or its Custodian, or, in the case of book-entry transactions, on the crediting of purchased securities to the Custodian's Federal Reserve System account. In addition, all purchases will be confirmed in writing to the Authority.

Only an Eligible Banking Institution or a Broker-Dealer shall be qualified to enter into a Repurchase Agreement with the Authority's fiscal agent. The Authority's fiscal agent shall enter into a Master Repurchase Agreement, patterned after the Bond Market Association (formerly Public Security Association) model master repurchase agreement, with each Eligible Banking Institution or Broker-Dealer with which the fiscal agent enters into a specific Repurchase Agreement. The Master Repurchase Agreement shall include:

- (a) a description of the relationship of the parties as purchaser and seller;
- (b) a description of the events of default which would permit the purchaser to liquidate the pledged collateral;
- (c) procedures which ensure that the Authority obtains a perfected security interest in the underlying securities; and
- (d) the method of computing margin maintenance requirements, including a limitation, based on policies established by the Commissioner of Taxation and Finance, that securities purchased and held as collateral for repurchase agreements shall be Federal Government Obligations maturing in twelve years or less, and provided that: (i) if such collateral has a maturity of seven years or less, the market value must equal or exceed 101% of the par value of the repurchase agreement; and (ii.) if such collateral has a maturity greater than seven years, the market value must equal or exceed 102% of the par value of the repurchase agreement.

X. Qualification of Custodians

The following shall be qualified to act as Custodian:- the Commissioner of Taxation and Finance, any bank or trust company chartered by the State of New York which is not a member of the Federal Reserve System, or any bank, trust company, or national banking association which is a member of the Federal Reserve System, including an Eligible Banking Institution, which transacts business through offices located within the State of New York. During the time that any bank or trust company serves as Custodian, it must be rated at least "A", or its equivalent, by a nationally recognized independent rating agency. With respect to the holding of securities purchased by the Authority through a Repurchase Agreement, the Custodian may not be the Eligible Banking Institution with which the Authority or its fiscal agent has entered into such Repurchase Agreement, nor an agent of such Eligible Banking Institution for purposes of the Repurchase Agreement.

XI. Audit and Finance Committee

The functions of the Audit and Finance Committee with respect to investments are to:

- (a) monitor the system of internal controls;
- (b) verify relevant matters relating to securities purchased or held as collateral semi-annually and on an unscheduled basis;
- (c) determine whether the investment results are consistent with the investment objectives set forth in these Investment Guidelines;
- (d) review any independent audits of the investment program;
- (e) review these Investment Guidelines periodically and recommend to the Members of the Authority such amendments thereto as may be necessary or appropriate; and
- (f) evaluate systematically and periodically the investment program consistency with the provisions of PAL Section 2925, these Investment Guidelines, and the Office of the State Comptroller's Investment Guidelines for Public Authorities (2 NYCRR Part 201, Section 201.3).

In support of its functions, the Audit and Finance Committee shall:

- (a) require the Authority's independent auditors to perform a review of, and issue a report on, the Authority's compliance with Section 201.3 of Title Two of the New York Codes, Rules, and Regulations, under Government Auditing Standards issued by the Comptroller General of the United States;
- (b) review the quarterly, annual, and any other periodic investment reports, and recommend to the Members of the Authority such changes in the annual investment report as it deems necessary or appropriate;
- (c) review the written annual audit report of the independent auditors;
- (d) discuss with the independent auditors, with staff and officers not present, the results of the annual independent audit and the written annual audit report; and
- (e) review not less frequently than annually these Investment Guidelines, and recommend to the Members of the Authority such changes in these Investment Guidelines as it deems necessary or

appropriate.

XII. Operations and Procedures

The Chief Financial Officer, or ~~in his/her absence~~ the Controller and Assistant Treasurer or any Authority Officer, shall authorize the purchase and sale of all securities, authorize the disbursement of funds for delivery of securities, determine the selection of brokers, dealers and Custodians, and execute contracts for Repurchase Agreements and custodial services on behalf of the Authority. The process of initiating, reviewing and approving requests to purchase and sell securities shall be documented and retained for audit purposes. Oral directions concerning the purchase or sale of securities shall be confirmed in writing. The Authority shall pay for purchased securities upon the delivery or book-entry thereof, and the Authority will obtain written confirmation of each delivery or book-entry. Custodians must have prior authorization from the Authority to deliver securities and collateral and shall not deliver securities except upon receipt of funds. Custodians shall confirm in writing all such transactions. Custodians shall report whenever activity has occurred in a custodial account of the Authority.

The Chief Financial Officer shall develop detailed investment procedures implementing the Investment Guidelines as part of the Accounting Policy and Procedures Manual which shall include, but not be limited to, the following:

- (a) the establishment and maintenance of a system of internal controls for investments;
- (b) methods for adding, changing or deleting information contained in the investment record, including a description of the documents to be created and verification tests to be conducted;
- (c) a data base or record incorporating descriptions and amounts of investments, transaction dates, interest rates, maturities, bond ratings, market prices and related information necessary to manage the portfolio; and
- (d) requirements for periodic reporting and a satisfactory level of accountability.

Except in the purchase of government securities at their initial auction, the Authority will encourage investment selections utilizing competitive quotations based upon the procedures established by the Commissioner of Taxation and Finance and carried out by his/her designated personnel.

The Chief Financial Officer shall maintain a record of investments. The record shall identify each security, the fund for which held, the place where kept, date of disposition and amount realized, and the market value and Custodian of the collateral.

At least monthly, the Authority shall verify the principal amount and market values of all investments and collateral. The Authority shall obtain appropriate listings from Custodians and compare such listings against the records of the Authority.

XIII. Audit

At the time the independent auditors to the Authority conduct the annual audit of the accounts and financial affairs of the Authority, the independent auditors shall audit the investments of the Authority for the subject fiscal year. The annual investment audit shall determine whether:

- (a) the Authority's investment practices and operations have been consistent with the provisions of PAL Section 2925, these Investment Guidelines, the Office of the Comptroller's Investment Guidelines for Public Authorities, and the Authority's investment operating procedures contained in its Accounting

Policies and Procedures Manual;

(b) adequate accounts and records are maintained which accurately reflect all transactions and report on the disposition of the Authority's investment assets; and

(c) a system of adequate internal controls for investments is maintained.

The independent auditors shall prepare a written annual audit report which presents the results of their annual investment audit, and shall include:

(a) a description of the scope and objectives of the audit;

(b) a statement that the audit was made in accordance with generally accepted government auditing standards;

(c) a description of any material weaknesses found in the internal investment controls;

(d) a description of all non-compliance with provisions of PAL Section 2925, these Investment Guidelines, the Office of the State Comptroller's Investment Guidelines for Public Authorities (2 NYCRR Part 201, Section 201.3), or the Authority's investment operating procedures contained in its Accounting Policies and Procedures Manual;

(e) a statement of positive assurance of compliance on the items tested; and

(f) a statement of any other material deficiency or finding identified during the audit not covered in (e) above.

XIV. Reporting

Within sixty (60) days of the end of each of the first three quarters of the Authority's fiscal year, the Chief Financial Officer shall prepare and submit to the Members of the Authority and to the Audit and Finance Committee of the Authority a quarterly investment report which indicates new investments, the inventory of existing investments, the selection of Custodians and Broker-Dealers, and such other matters as the Chief Financial Officer deems appropriate.

Within 120 days of the end of the fiscal year, the Chief Financial Officer shall prepare and submit to the Audit and Finance Committee an annual investment report, which shall include the Investment Guidelines, including any amendment to the Investment Guidelines since the last annual investment report; an explanation of the Investment Guidelines and amendments; the results of the annual independent audit; the investment income record; a list of total fees, commissions or other charges paid to each Broker-Dealer and Custodian; and such other matters as the Chief Financial Officer deems appropriate.

The Members of the Authority shall review and approve the annual investment report, if practicable, at the June meeting of the Authority, for submission thereof to the Division of the Budget, the Department of Audit and Control, the Senate Finance Committee, and the Assembly Ways and Means Committee.

The Authority's annual financial statements shall report the Authority's investments and provide such disclosure information as is required by applicable governmental accounting standards.

Not less frequently than annually, and if practicable, at the June meeting of the Authority, the Members of the Authority shall review, amend, if necessary or appropriate, and approve these Investment Guidelines.

The provisions of these Investment Guidelines and any amendments hereto shall take effect prospectively and shall not invalidate the prior selection of any Custodian, Broker-Dealer, any prior investment, nor any list of permitted investments set forth in any indenture of trust or similar document previously executed by the Authority.

Resolution No. _____

RESOLVED, that the “Investment Guidelines, Operative Policy and Instructions (October 2023),” as presented at this October 4, 2023 meeting are hereby approved by the Board.

PROGRAM PLANNING COMMITTEE CHARTER

Established September 20, 1983

Purposes

Pursuant to Article V, Section 5 of the Authority's By-Laws, the purposes of the Committee are to: review the annual updating of the Authority's Strategic Program Plan; ~~and preparation of review~~ the portions of the Authority's annual budget related to the energy research and innovation, market development, clean energy financing, and other related programs and initiatives; provide guidance to the Authority's officers and employees ~~in the preparation of those plans and those portions of the budget~~ with respect to program planning; and shall consider such other matters related to the Authority's innovation, market development, clean energy financing, and other related programs and initiatives as the officers of the Authority may refer to the Committee.

Powers of the Committee

The Committee will:

- review the annual update of the Authority's Strategic ~~Program Plan~~ Outlook;
- review ~~preparation of~~ the portions of the Authority's annual budget related to innovation, market development, clean energy financing, and other related programs and initiatives;
- review the Authority's activities relative to the State's progress towards advancing the goals of the Climate Leadership and Community Protection Act of 2019 ("Climate Act
- consider such other matters related to the Authority's innovation, market development, clean energy financing, and other related programs and initiatives as the officers of the Authority may refer to the Committee; and
- meet with and request information from Authority staff as necessary.

The Committee shall have sufficient resources to carry out its duties.

Composition and Selection

The Committee shall be established as set forth in and pursuant to Article V, Section 5 of the Authority's By-Laws. The Committee shall be a standing advisory committee of the Authority. The Committee shall have not fewer than three nor more than ten Members, who shall be elected

from among the Members of the Authority other than the Chair. A majority of these committee members shall be other than Members of the Authority who serve ex-officio. In addition, the membership of the Committee shall include the Chair of the Authority, who shall serve ex-officio and who shall enjoy all the rights and privileges of membership, including the right to vote. A majority of the members of the Committee then in office, not including the Chair, gathered together in the presence of each other or through the use of videoconferencing, shall constitute a quorum, and the Chair of the Authority if present shall be counted toward a quorum.

The Members of the Authority will appoint the Chair of the Committee.

Meetings

The Committee will meet, as necessary, and special meetings may be called in accordance with the By-laws. Members of the Committee are expected to attend each committee meeting, in person or by video conference. The Committee may invite other individuals to attend meetings and provide pertinent information, as necessary.

Notices of meetings will be prepared in accordance with the By-Laws and agendas and briefing materials will be prepared and provided to the Committee members. To the extent practicable, briefing materials will be provided to the Committee members not less than 5 business days prior to each meeting. Minutes of each meeting will be maintained in a central location at the Authority's principal office.

Meetings shall be conducted in accordance with the open meetings law.

Responsibilities

The Committee will be responsible for reporting to the Members on significant and material matters related to: (a) the annual updating of the Authority's Strategic Program Plan; (b) the ~~preparation of the~~ portions of the Authority's annual budget related to innovation, market development, clean energy financing, and other related programs and initiatives; (c) such other matters related to the Authority's innovation, market development, clean energy financing, and other related programs and initiatives as the officers of the Authority may refer to the Committee; In furtherance thereof, the Committee will undertake the following, with an emphasis on reviewing consistency with, and contribution towards, advancing the State's goals set forth in the Climate Act:

~~Review the annual update of the Strategic Program Plan Outlook.~~ The Committee will:

- ~~• review the process Authority staff uses to prepare the Strategic Program Plan;~~
- review a draft of the Strategic ~~Program Plan~~Outlook document; and

- recommend such revisions to the process and document as the Members deem necessary.

Review ~~the preparation of~~ the portions of the Authority's annual budget related to innovation, market development, clean energy financing, and other related programs and initiatives. The Committee will:

- review drafts of the annual spending plan and the annual operating budget with respect to the program areas within its jurisdiction;
- recommend such revisions to these documents as the Members deem necessary;
- review any proposed revisions by the Officers to the operating budget with respect to the program areas within its jurisdiction.

Provide guidance ~~in the preparation of plans and budgets related to~~ program planning. The Committee will:

- receive reports from Authority staff concerning progress in the various program areas within its jurisdiction;
- make such recommendations with respect to program direction and planning as the Members deem necessary.

Consider such other matters related to the Authority's programs within its jurisdiction as the officers of the Authority may refer to the Committee. The Committee will:

- receive reports on any other matters with respect to the program areas within its jurisdiction as the officers of the Authority may refer to the Committee and make such recommendations on such matters as the Members deem necessary.

Resolution No. _____

RESOLVED, the Program Planning Committee Charter, as presented to the Members for consideration at this October 4, 2023 meeting, with such non-substantive, editorial changes and grammatical changes as the President and Chief Executive Officer, in their discretion, may deem necessary or appropriate, is approved.

Periodic Contracts Approvals

From Date
5/16/2023

Contracts executed or modified during the period - 5/16/2023 to 8/16/2023

To Date
8/16/2023

	Count of Contracts	Committed this Period
Procurement Contracts > 1year	67	\$24.2M
Competitive Program Contracts > \$3M	10	\$200.2M
Non-competitive Program Contracts > \$1M	0	\$ 0.0M
Grand Total	77	\$224.4M

Contracts anticipated to be executed or modified during the period - 5/16/2023 to 8/16/2023

	Count of Contracts	Anticipated Amount
Procurement Contracts > 1year	26	\$13.8M
Competitive Program Contracts > \$3M	8	\$24.3M
Non-competitive Program Contracts > \$1M	0	\$0.0M
Grand Total	34	\$38.0M

NYSDERDA PERIODIC CONTRACTS APPROVAL REPORT: Section 1
Summary - 5/16/2023 to 8/15/2023

Category	Report Type	Type	Count of Contracts	Committed this period
PCMT	Procurement	Competitive	48	\$22,402,307
		Discretionary	13	\$1,075,508
		Non-Competitive	6	\$768,639
	Total		67	\$24,246,454
PGRM	Procurement	Competitive	10	\$200,166,918
		Non-Competitive	0	
	Total		10	\$200,166,918
Grand Total			77	\$224,413,372

NYSERDA PERIODIC CONTRACTS APPROVAL REPORT - 5/16/2023 to 8/15/2023

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	\$21,316	\$21,316		
		Competitive	Y	192890	Kelliher Samets LTD	TWO 8 - Induction Cooking	08/26/2022	\$50,000	\$320,000	\$37,348	\$301,308
		Competitive	Y	199212	Mintzer Mauch PLLC	TWO 3 - NYSun Brownfield adder	12/02/2022	\$12,550	\$25,550	\$3,534	\$14,656
		Competitive	Y	204979	Sive Paget & Riesel PC	TWO 7 - CAC/Cap and Invest	03/10/2023	\$500,000	\$800,000	\$132,190	\$300,304
		Competitive	Y	211423	Actalent Inc	SA.114a TWO#15 BR	06/22/2023	\$313,650	\$313,650	\$2,235	\$2,235
		Competitive	Y	211561	Arcadis of New York, Inc.	SA.113a-TWO#7 BR APM	06/27/2023	\$332,168	\$332,168		
		Competitive	Y	212392	ICF Incorporated LLC	TWO 13 - NY C&I Fin. Analysis	07/06/2023	\$520,000	\$520,000		
		Discretionary	Y	208371	Energy Storage Response Group LLC	Fire Safety Support	05/05/2023	\$50,000	\$50,000	\$838	\$838
		Discretionary	Y	211549	Brownfield Redevelopment Solutions, Inc.	Federal Grant Writing	06/27/2023	\$150,000	\$150,000		
		Discretionary	Y	211550	J. O'Connell & Associates Inc.	Federal Grant Writing	06/27/2023	\$50,000	\$50,000		
		Discretionary	Y	211551	MacCallum Consulting	Federal Grant Writing	06/27/2023	\$50,000	\$50,000		
BR: Program Implementation		Competitive	Y	148231	Hawkins Delafield & Wood LLC	Bond Counsel 2019	11/27/2019	\$25,000	\$25,000		
Cleantech Ignition		Competitive	Y	151220	Mintz, Levin, Cohn, Ferris, Glovsky and	RFP 12 - NYGB Legal Services	02/11/2020	\$918	\$101,444	\$3,517	\$101,148
Cleantech Incubator		Competitive	Y	200588	ADL Ventures LLC	ClianteTech Growth Platform	12/20/2022	\$8,500,000	\$8,500,000	\$57,500	\$57,500
Code to Zero		Competitive	Y	208852	TRC Engineers, Inc.	TWO #2	05/15/2023	\$891,560	\$891,560		
		Competitive	Y	208998	AECOM USA INC.	NYC DOB	05/17/2023	\$631,000	\$631,000		
		Competitive	Y	210231	Socotec, Inc	TWO #7	06/06/2023	\$702,000	\$702,000		
		Competitive	Y	210232	Socotec, Inc	TWO #8	06/06/2023	\$810,480	\$810,480		
ENERGY ANALYSIS		Competitive	Y	175064	Energy and Environmental Economics Inc.	TWO 2 - BER Scenario Run	10/05/2021	\$104,000	\$950,000	\$45,859	\$845,997
		Competitive	Y	210343	Couch White, LLP	TWO 5 - FERC Outside Counsel	06/07/2023	\$6,000	\$6,000	\$3,235	\$3,235
ESTOR: Implementation Support		Competitive	Y	202634	Frontier Energy, Inc.	DER Data System Support	01/26/2023	\$1,991,200	\$1,991,200		
		Competitive	Y	208030	Actalent Inc	SA.115_TWO#14 DER	05/01/2023	\$223,690	\$223,690	\$21,306	\$21,306
Eval MCDC: Low Inc Engy Bill		Competitive	Y	209827	Apprise, Incorporated	TWO 4 - LIEBUS	05/31/2023	\$289,520	\$289,520	\$16,754	\$16,754
GJGNY REVOLVING LOAN FUND		Discretionary	Y	209979	Tech Valley Talent, LLC	TWO Sr. Software Dev. N Layton	06/01/2023	\$150,000	\$150,000		
		Non-Competiti..	Y	211537	Carmel Solutions LLC	GJGNY Backup Loan Servicer '23	06/26/2023	\$500,000	\$500,000		
Home Perf w Energy Star		Competitive	Y	127558	Honeywell International Inc.	3695 TWO Umbrella Agreement	06/04/2018	\$166,000	\$4,572,496	\$220,765	\$4,432,355
Low Carbon Tech Demos		Competitive	Y	210346	L&S Energy Services, Inc.	LCP SQA Services	06/08/2023	\$75,000	\$75,000		

NYSERDA PERIODIC CONTRACTS APPROVAL REPORT - 5/16/2023 to 8/15/2023

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	Multifam Performance Pgm	Competitive	Y	211534	Taitem Engineering, P.C.	Multifamily Technical Assistan	06/26/2023	\$635,250	\$635,250		
	New Construction Housing	Competitive	Y	196981	TRC Engineers, Inc.	TWO #1 New Con Shared Services	11/01/2022	\$763,646	\$813,646		\$27,975
	New Construction-Commercial	Discretionary	Y	202973	NYSEDC	NYSEDC Partner Engagement	02/03/2023	\$50,000	\$50,000	\$12,700	\$12,700
	NEW YORK GREEN BANK	Non-Competiti..	Y	183934	S&P Global Market Intelligence, Inc.	S&P CapIQ Pro Subscription	04/07/2022	\$39,000	\$78,000	\$39,000	\$78,000
	NYCH: Communities	Competitive	Y	206321	The Cadmus Group, LLC	TAI contract for RCEH	04/05/2023	\$2,000,000	\$2,000,000		
	NYCH: District	Competitive	Y	181607	CHA Consulting Inc.	SA.089_TWO #7_CHC PM-2	02/28/2022	\$267,000	\$722,228	\$46,432	\$294,647
	NYCH: Supply Chain	Discretionary	Y	161970A	C Hazard Consulting LLC	SFR Consulting Project Support	01/27/2023	\$150,000	\$251,751	\$63,326	\$135,436
		Non-Competiti..	Y	210070	Northeast Energy Efficiency Partnerships	HP Rating Rep Phase 2	06/02/2023	\$75,000	\$75,000		
	NYSERDA ADMINISTRATION	Competitive	Y	124908	First Columbia Property Services, LLC	Property Management	03/27/2018	\$269,888	\$1,476,684	\$68,547	\$1,155,684
		Competitive	Y	152081	ADP, Inc.	ADP Payroll and HR Services	03/03/2020	\$10,000	\$433,592	\$11,737	\$247,565
		Competitive	Y	159691	CVENT, Inc.	Event Management/Virtual Event	10/19/2020	\$11,700	\$231,301	\$19,983	\$195,085
		Competitive	Y	171608	Randstad North America, Inc.	TS.022 - Facilities Clerk	07/20/2021	\$140,000	\$255,830	\$15,180	\$111,939
		Competitive	Y	180164	Bond, Schoeneck & King, PLLC	TWO 6 HR Counsel Services	01/20/2022	\$25,000	\$75,000	\$8,228	\$51,750
		Competitive	Y	185501	Raj Technologies Inc.	Private Cloud Hosting	05/06/2022	\$14,431	\$1,363,035	\$117,354	\$532,268
		Competitive	Y	186215	Tech Valley Talent, LLC	TWO # 19 Tableau Dev. C.Safeek	05/17/2022	\$195,000	\$372,980	\$31,940	\$175,727
		Competitive	Y	192880	Unique Comp Inc.	TWO #8 Tableau Dev. Yogi P	08/25/2022	\$47,946	\$252,306	\$49,420	\$161,032
		Competitive	Y	206129	Dell, Inc.	Kemp Upgrade - Webair DMZ 1yr	03/31/2023	\$3,221	\$5,021		
		Competitive	Y	208624	Tech Valley Talent, LLC	TWO #26 Software QA - Nafisha	05/10/2023	\$130,000	\$130,000	\$14,430	\$14,430
		Competitive	Y	209224	SHI, Inc.	Tableau Desktop Maintenance 1	05/22/2023	\$99,310	\$99,310	\$99,310	\$99,310
		Competitive	Y	211652	Zones LLC	Webex (Cisco) licensing 1 yr	06/28/2023	\$68,188	\$68,188	\$68,188	\$68,188
		Competitive	Y	213143	Carter Ledyard & Milburn LLP	TWO 7 - Board Liability	07/17/2023	\$7,500	\$7,500		
		Competitive	Y	213244	Cresa Global, Inc	Real Estate Strat & Adv. Svcs.	07/18/2023	\$250,000	\$250,000		
	Competitive	Y	213974	Carahsoft Technology Corporation	Advanced Security Monitoring	07/28/2023	\$31,390	\$31,390			
	Competitive	Y	214041	Unique Comp Inc.	TWO #9 Service Desk Tech.	07/28/2023	\$156,000	\$156,000			
	Competitive	Y	214684	ePlus inc	VMware Support Renewal 23 - 24	08/08/2023	\$92,103	\$92,103			
	Discretionary	Y	190923	Employee Leasing of Greater NY	TS.029-SO_Training Specialist	07/27/2022	\$41,419	\$156,369	\$16,590	\$79,437	
	Discretionary	Y	205830	Politico LLC	Politico Pro 3 year	03/27/2023	\$9,000	\$9,000	\$2,800	\$2,800	

NYSERDA PERIODIC CONTRACTS APPROVAL REPORT - 5/16/2023 to 8/15/2023

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	NYSERDA ADMINISTRATION	Discretionary	Y	209357	ThunderCat Technology LLC	Sitecore CMS License 2023-2024	05/24/2023	\$89,259	\$89,259	\$89,259	\$89,259
		Discretionary	Y	210429	ThunderCat Technology LLC	Cisco Umbrella - 1 year	06/08/2023	\$28,066	\$28,066		
		Discretionary	Y	210510	Integrated Staffing Corporation	TS.043 - CBS Manager	06/12/2023	\$234,234	\$234,234	\$4,985	\$4,985
		Discretionary	Y	211648	Davies Office Refurbishing, Inc.	New Boardroom Chairs	06/27/2023	\$23,530	\$23,530		
		Non-Competiti..	Y	182701	NYS Office for Technology	Office 365: 3/15/2022 - 3/23	03/15/2022	\$32,690	\$212,558	\$53,198	\$212,302
	NYSERDA Fixed Asset	Non-Competiti..	Y	198146	Applied Design Initiative LLC	NYC HUB to Flex Meeting Room	11/16/2022	\$49,949	\$56,188	\$23,080	\$28,696
	OREC: Technical Support	Competitive	Y	210233	Holland & Knight LLP	TWO 7 - OREC Agreement advisin	06/06/2023	\$100,000	\$100,000	\$7,317	\$7,317
	Real Time Energy Management	Competitive	Y	143835	EME Consulting Engineering Group, LLC	SA.056_TWO #10 - RTEM MF	08/16/2019	\$15,000	\$739,955		\$540,523
	REC:CES REC System Dev Costs	Competitive	Y	175173	Worley Group, Inc.	Determination Study Buy Americ	10/07/2021	\$50,000	\$371,400		\$284,881
		Competitive	Y	211771	Power Advisory LLC	TWO #2 LSR Supply Curve tool	06/29/2023	\$350,000	\$350,000	\$47,593	\$47,593
	Statewide EE&BE PotentialStudy	Competitive	Y	174807	The Cadmus Group, LLC	TWO 12 StWide Potential Study	09/29/2021	\$150,000	\$1,139,862	\$169,442	\$1,139,862
	Subscription/Data Access	Non-Competiti..	Y	203700	ACEEE	2023 Cosponsored ACEEE Researc	02/16/2023	\$72,000	\$72,000	\$36,000	\$36,000
	Technical Services	Competitive	Y	209000	TRC Energy Services	SA.075a - TWO #44 - PM-1	05/17/2023	\$353,682	\$353,682		
	PGRM	>200KW PV	Competitive	Y	213219	PPG NY 01, LLC	NY-SUN	07/18/2023	\$6,111,000	\$6,111,000	
CI Carbon Challenge		Competitive	Y	200705	RED-Rochester LLC	C&I Carbon Challenge	12/21/2022	\$5,000,000	\$5,000,000		
Clean Energy Communities		Competitive	Y	155907	Capital District Regional Planning Comm.	Clean Energy Communities	07/17/2020	\$1,423,693	\$5,300,000	\$265,165	\$2,748,158
Empire Building Challenge		Competitive	Y	204377	BSREP III NERO LLC	EBC Phase 2 - Brookfield	03/01/2023	\$3,000,000	\$3,000,000		
		Competitive	Y	204379	Amalgamated Housing Corporation	EBC Phase 2 - Amagamated	03/01/2023	\$3,000,000	\$3,000,000		
		Competitive	Y	204381	520 Madison Venture	EBC Phase 2 - 520 Madison Owne	03/01/2023	\$3,000,000	\$3,000,000		
		Competitive	Y	204389	LSS Leasing Limited Liability Company	EBC Phase 2 - LeFrak	03/01/2023	\$3,000,000	\$3,000,000		
LARGE SCALE RENEWABLES		Competitive	Y	67783	APX Inc.	NYGATS	06/24/2015	\$66,775	\$5,748,255	\$155,344	\$5,167,899
Long Duration Energy Storage		Competitive	Y	199909	Form Energy, Inc	LDES Tech & Product Dev	12/13/2022	\$12,000,000	\$12,000,000		
REC:CES REC Contracts		Competitive	Y	102995_1	Number Three Wind LLC	Number Three Wind_RESVCO2021	06/26/2023	\$163,565,450	\$163,565,450	\$1,069,409	\$1,069,409
Grand Total								224,413,372	\$246,638,997	3,151,038	\$20,918,493

NYSERDA PERIODIC CONTRACTS APPROVAL REPORT: Contractor Addresses - 5/16/2023 to 8/15/2023

Contractor	SupplierAddress	SupplierCity	SupplierState	SupplierZipCode	Business Type	WBE	MBE	SDVOB	SBE
520 Madison Venture	45 Rockefeller Plaza, 7th Floor	New York	NY	10111	NYSBE				
ACEEE	529 14th St. NW, Suite 600	Washington	DC	20045	FSBE				
Actalent Inc	7301 Parkway Drive	Hanover	MD	21076	FSBE				
ADL Ventures LLC	815 Masonic Avenue	San Francisco	CA	94117	FSBE				
ADP, Inc.	PO Box 842875	Boston	MA	02284-2875	FSBE				
AECOM USA INC.	4840 Cox Road	Glen Allen	VA	23060	FSBE				
Amalgamated Housing Corporation	98 Van Cortlandt Park S	Bronx	NY	10463-2914	NYSBE				
Applied Design Initiative LLC	247 Wsr 35th Street	New York	NY	10001	NYSBE				
Apprise, Incorporated	32 Nassau Street, Suite 200	Princeton	NJ	08542	FSBE				
APX Inc.	224 Airport Parkway #600	San Jose	CA	95110	FSBE				
Arcadis of New York, Inc.	6723 Towpath Rd	Syracuse	NY	13214	NYSBE				
Bond, Schoeneck & King, PLLC	22 Corporate Woods Blvd., Ste 501	Albany	NY	12211-2503	NYSBE				
Brownfield Redevelopment Solutions, Inc.	739 Stokes Rd	Medford	NJ	08055	FSBE	X			
BSREP III NERO LLC	c/o Brookfield Properties	New York	NY	10281-1023	NYSBE				
C Hazard Consulting LLC	5924 Northern Cout	Elkridge	MD	21075	FSBE				
Capital District Regional Planning Comm.	One Park Place, Suite 102	Albany	NY	12205	NYSBE				
Carahsoft Technology Corporation	11493 Sunset Hills Road	Reston	VA	20190	FSBE				
Carmel Solutions LLC	969 Keystone Way	Carmel	IN	46032	FSBE				
Carter Ledyard & Milburn LLP	2 Wall Street	New York	NY	10005	NYSBE				
CHA Consulting Inc.	3 Winners Circle	Albany	NY	12205	NYSBE				
Couch White, LLP	540 Broadway, PO Box 22222	Albany	NY	12201	NYSBE				
Cresa Global, Inc	1633 Broadway	New York	NY	10019	NYSBE				
CVENT, Inc.	1765 Greensboro Station Pl	Mc Lean	VA	22102-3467	FSBE				
Davies Office Refurbishing, Inc.	40 Loudonville Rd	Albany	NY	12204	NYSBE	X			
Dell, Inc.	1 Dell Way, RR8, Box 8716	Round Rock	TX	78682	FSBE				
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				
Energy Storage Response Group LLC	8350 US 23 N	Delaware	OH	43015	FSBE				
ePlus inc	13595 Dulles Technology Dr	Herndon	VA	20171-3413	FSBE				

NYSDA PERIODIC CONTRACTS APPROVAL REPORT: Contractor Addresses - 5/16/2023 to 8/15/2023

Contractor	SupplierAddress	SupplierCity	SupplierState	SupplierZipCode	Business Type	WBE	MBE	SDVOB	SBE
First Columbia Property Services, LLC	22 Century Hill Dr Ste 301	Latham	NY	12110-2116	NYSBE				
Form Energy, Inc	30 Dane Street	Somerville	MA	02143	FSBE				
Frontier Energy, Inc.	2695 Bingley Rd	Cazenovia	NY	13035	NYSBE				
Hawkins Delafield & Wood LLC	7 World Trade Center	New York	NY	10007	NYSBE				
Hodgson Russ LLP	140 Pearl Street, Suite 100	Buffalo	NY	14202	NYSBE				
Holland & Knight LLP	PO Box 864084	Orlando	FL	32886	FSBE				
Honeywell International Inc.	700 Airways Park Drive	East Syracuse	NY	13057	NYSBE				
ICF Incorporated LLC	9300 Lee Highway	Fairfax	VA	22031	FSBE				
Integrated Staffing Corporation	99 Woodlawn Avenue	Saratoga Springs	NY	12866	NYSBE	X			
J. O'Connell & Associates Inc.	10646 Main St	Clarence	NY	14031	NYSBE	X			
Kelliher Samets LTD	d/b/a KSV	Burlington	VT	05401	FSBE	X			
L&S Energy Services, Inc.	58 Clifton Country Road	Clifton Park	NY	12065	NYSBE				
LSS Leasing Limited Liability Company	40 West 57th Street, 23rd Floor	New York	NY	10019	NYSBE				
MacCallum Consulting	5969 Greenway Lowell Rd	Verona	NY	13478	NYSBE	X			
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			
Northeast Energy Efficiency Partnerships	500 Unicorn Park Drive	Woburn	MA	01801	FSBE				
Number Three Wind LLC	One South Wacker Drive, Suite 1800	Chicago	IL	60606	FSBE				
NYS Office for Technology	1 S Swan St Fl 3rd	Albany	NY	12210-2416	NYSBE				
NYSEDC	Attn: Selene Eaton	Albany	NY	12210	NYSBE				
Politico LLC	P.O. Box 419342	Boston	MA	02241-9342	FSBE				
Power Advisory LLC	212 Thoreau Street	Concord	MA	01742	FSBE				
PPG NY 01, LLC	2370 E. Stadium Blvd, suite 235	Ann Arbor	MI	48104	FSBE				
Raj Technologies Inc.	110 Terminal Dr.	Plainview	NY	11803	NYSBE		X		
Randstad North America, Inc.	PO Box 2084	Carol Stream	IL	60132-2084	FSBE	X			
RED-Rochester LLC	1200 Ridgeway Avenue	Rochester	NY	14615	NYSBE				
S&P Global Market Intelligence, Inc.	55 Water Street	New York	NY	10041	NYSBE				
SHI, Inc.	P.O. Box 952121	Dallas	TX	75395	FSBE				
Sive Paget & Riesel PC	560 Lexington Ave., Floor 15	New York	NY	10022-1994	NYSBE				

NYSDA PERIODIC CONTRACTS APPROVAL REPORT: Contractor Addresses - 5/16/2023 to 8/15/2023

Contractor	SupplierAddress	SupplierCity	SupplierState	SupplierZipCode	Business Type	WBE	MBE	SDVOB	SBE	
Socotec, Inc	151 W 42nd Street, 24th Floor	New York	NY	10036	NYSBE					
Taitem Engineering, P.C.	110 South Albany Street	Ithaca	NY	14850	NYSBE					
Tech Valley Talent, LLC	20 Prospect St. Suite 200, Building 1	Ballston Spa	NY	12020	NYSBE	X				
The Cadmus Group, LLC	410Totten Pond Road	Waltham	MA	02451	FSBE					
ThunderCat Technology LLC	1925 Isaac Newton Square	Reston	VA	20190	FSBE			X		
TRC Energy Services	21 Griffin Rd North	Windsor	CT	06095	FSBE					
Unique Comp Inc.	2708 42nd Road	Long Island City	NY	11101	NYSBE	X	X			
Worley Group, Inc.	2330 East Bidwell St, Suite 120	Folsom	CA	95630	FSBE					
Zones LLC	1102 15th St. SW. STE 102	Auburn	WA	98001	FSBE					

NYSERDA PERIODIC CONTRACTS APPROVAL REPORT: Anticipated Contracts - 5/16/2023 to 8/15/2023

Category	Type	Term > 1 Year	Contract ID	Contractor	Contract Description	Reason	Date	Anticipated Amount	Total Contract Amount
PCMT	Competitive	Y	104542	The Cadmus Group, LLC	RFQ3183 Umbrella Agreement	Added New Tasks	10/05/2016	\$14,748	\$2,643,013
	Competitive	Y	159691	CVENT, Inc.	Event Management/Virtual Event	Added New Tasks	10/19/2020	\$3,975	\$235,277
	Competitive	Y	177105	People United for Sustainable Housing In	CNCED-PUSH -Sustainability Wor	New Agreement	11/16/2021	\$137,817	\$137,817
	Competitive	Y	182702	The Cadmus Group, LLC	TWO #1 BEEM Revision	Added New Tasks	03/15/2022	\$100,000	\$450,000
	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	202386	Slipstream Group, Inc.	Small Commercial Financing	New Agreement	01/24/2023	\$46,150	\$46,150
	Competitive	Y	209890	New York Power Authority,	NYPANYCHA 120V Induction Stove	New Agreement	05/31/2023	\$757,000	\$757,000
	Competitive	Y	211335	Evolution Markets, Inc	CSAPR Broker Services	New Agreement	06/21/2023	\$450,000	\$450,000
	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	214292	Kelliher Samets LTD	TWO 35 - Clean Trans Mktng	New Agreement	08/02/2023	\$400,000	\$400,000
	Competitive	Y	214582	The Research Foundation for the State	OSW fisheries stock assessment	New Agreement	08/07/2023	\$362,101	\$362,101
	Competitive	Y	ADH0014678	EME Consulting Engineering Group, LLC	SA.025_TWO #2_Com_PM	New Agreement	02/25/2021	\$318,681	\$318,681
	Competitive	Y	ADH0014703	TRC Energy Services	SA.027_TWO #2_Com_PM	New Agreement	02/25/2021	\$346,607	\$346,607
	Discretionary	Y	202881	Nexus Labs	Nexus Labs EM Course	New Agreement	02/01/2023	\$50,000	\$50,000
	Discretionary	Y	211530	Inclusive Prosperity Capital, Inc	Hubs financing strategy	New Agreement	06/25/2023	\$50,000	\$50,000
	Discretionary	Y	214037	Flooring Environment Inc	New Carpet in 17CC Boardroom	New Agreement	07/28/2023	\$5,832	\$5,832
Discretionary	Y	215002	Owahgena Consulting, Inc.	Technical Consulting Support	New Agreement	08/15/2023	\$50,000	\$50,000	
Discretionary	Y	215003	Bruce Harley Energy Consulting LLC	Technical Support	New Agreement	08/15/2023	\$50,000	\$50,000	
Discretionary	Y	215085	Rudy Stegmoeller	Support for Policy Development	New Agreement	08/15/2023	\$200,000	\$200,000	
Discretionary	Y	215093	Salary.com, LLC	HR Data Subscription	New Agreement	08/15/2023	\$15,300	\$15,300	
Non-Competitive	Y	199431	New York Power Authority,	NYPA GEMINI	New Agreement	12/05/2022	\$9,000,000	\$9,000,000	
Non-Competitive	Y	213961	ACEEE	Market Support Tools &Activity	New Agreement	07/27/2023	\$40,000	\$40,000	
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	155908	Central New York Regional Planning and	Clean Energy Communities	New Agreement	07/17/2020	\$1,815,192	\$5,300,003
	Competitive	Y	167521	Alliance for Sustainable Energy, LLC	TWO #7 T&D Tool Dev Co-Optimiz	New Agreement	04/26/2021	\$2,280,000	\$3,580,000
	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	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

NYSDA PERIODIC CONTRACTS APPROVAL REPORT: Anticipated Contracts - 5/16/2023 to 8/15/2023

Category	Type	Term > 1 Year	Contract ID	Contractor	Contract Description	Reason	Date	Anticipated Amount	Total Contract Amount
PGRM	Competitive	Y	202466	McKinsey & Company, Inc.	RFP5293 GHG Cap & Invest Eval	Added New Tasks	01/24/2023	\$1,455,000	\$3,555,000
	Competitive	Y	205081	SecondMuse LLC	Manufacturing Corps (M-Corps)	New Agreement	03/13/2023	\$3,750,000	\$3,750,000
Grand Total								\$38,033,523	\$53,093,421

NYSERDA PERIODIC CONTRACTS APPROVAL REPORT: Section 1
Summary - 5/16/2023 to 8/15/2023

Category	Report Type	Type	Count of Contracts	Committed this period
PGRM	Program	Competitive	839	\$301,838,109
		Discretionary	1	\$45,161
		Non-Competitive	7	\$1,460,551
Total			847	\$303,343,821
Grand Total			847	\$303,343,821

Section 1 Summary - Percentages

% Contract Counts Competitively

% of \$Committed this period Competitively

99.17%	99.52%
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NYSERDA PERIODIC PROGRAM REPORT

5/16/2023 to 8/15/2023

Table: All Market Focus Committed this Period

MarketFocus	Count of Contracts	Committed this period
Agriculture	7	\$40,100
Anaerobic Digesters	1	\$479,755
Building Innovation	3	\$3,316,928
Clean Heating and Cooling	11	\$1,763,661
Clean Trans (Innov & Research)	16	\$1,080,851
Climate Resilience Innovation	1	\$215,000
Codes	3	\$1,933,054
Commercial	100	\$22,028,250
Communities and Local Governme	18	\$3,089,662
Energy & EnvironmentalAnalysis	2	\$1,780,000
Energy Storage	35	\$2,947,850
Energy-RItd Environmental Res	3	\$767,866
Fuel NY	2	\$821,526
Gas Innovation	3	\$14,114,478
Grid Modernization	3	\$2,537,313
Industrial	9	\$5,376,114
Innovation	5	\$1,027,440
Large Scale Renewables	7	\$163,975,173
LMI	50	\$3,568,774
Low Income	1	\$513,710

NYSERDA PERIODIC PROGRAM REPORT

5/16/2023 to 8/15/2023

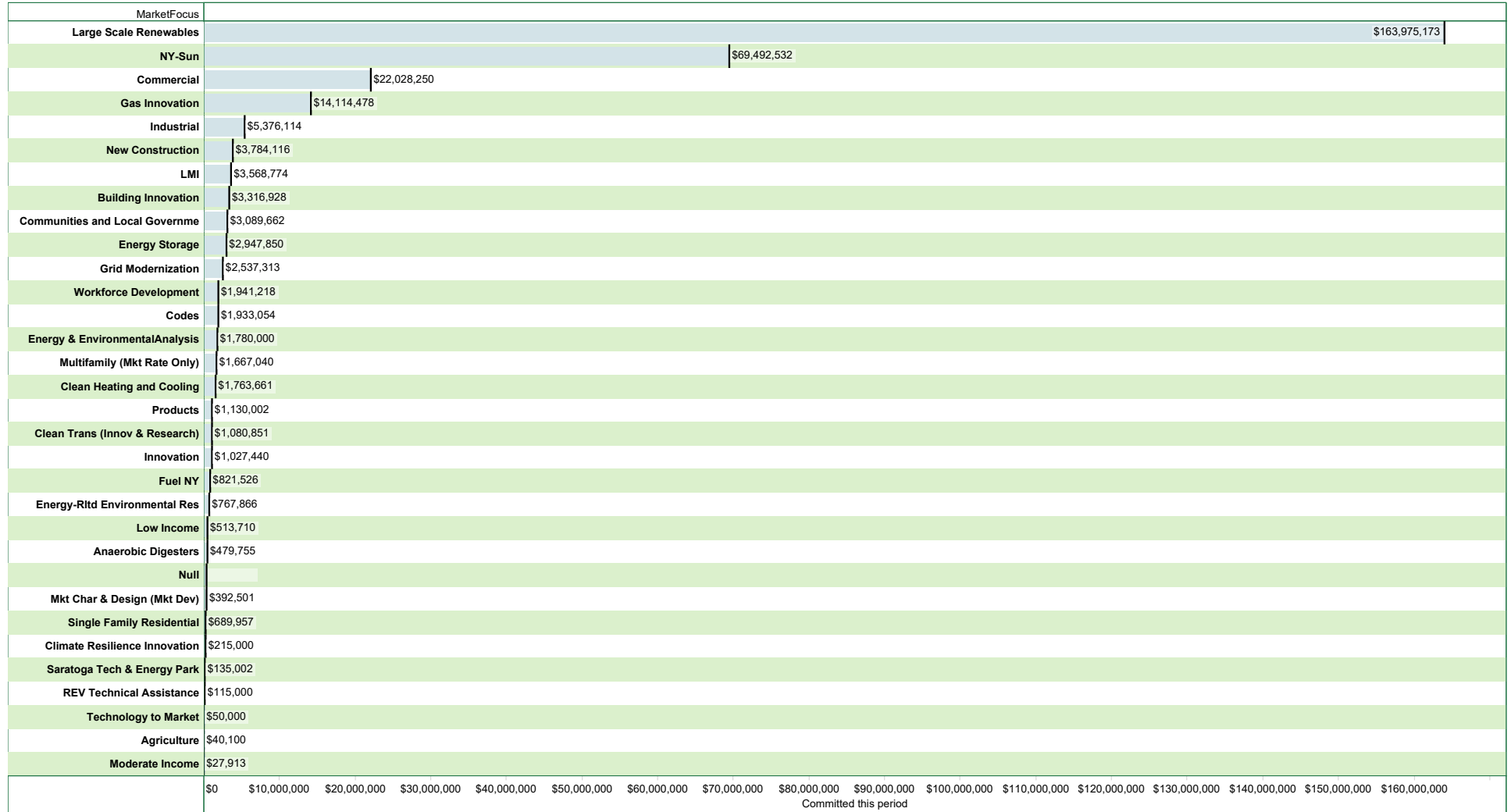
Table: All Market Focus Committed this Period

MarketFocus	Count of Contracts	Committed this period
Mkt Char & Design (Mkt Dev)	3	\$392,501
Moderate Income	1	\$27,913
Multifamily (Mkt Rate Only)	49	\$1,667,040
New Construction	13	\$3,784,116
NY-Sun	538	\$69,492,532
Products	2	\$1,130,002
REV Technical Assistance	1	\$115,000
Saratoga Tech & Energy Park	1	\$135,002
Single Family Residential	7	\$689,957
Technology to Market	1	\$50,000
Workforce Development	116	\$1,941,218
Grand Total	1 012	\$310,802,785

NYSERDA PERIODIC PROGRAM REPORT

5/16/2023 to 8/15/2023

Graph: All Market Focus Committed this Period



NYSDA PERIODIC PROGRAM REPORT
5/16/2023 to 8/15/2023
Table: By REDC Region and County

REDC Region	County	Count of Contracts	Committed this Period
	Total	3	\$42,160
Capital Region	Albany	25	\$1,314,060
	Columbia	12	\$1,448,043
	Greene	5	\$36,354
	Rensselaer	14	\$3,489,596
	Saratoga	21	\$3,979,119
	Schenectady	16	\$2,373,319
	Warren	10	\$3,013,838
	Washington	6	\$1,397,227
	Total	109	\$17,051,555
Central New York	Cayuga	5	\$33,152
	Cortland	3	\$209,460
	Madison	4	\$468,624
	Onondaga	18	\$520,929
	Oswego	6	\$1,937,481
	Total	36	\$3,169,646
Finger Lakes	Genesee	3	\$865,847
	Livingston	3	\$17,628
	Monroe	25	\$5,692,511

NYSERDA PERIODIC PROGRAM REPORT
5/16/2023 to 8/15/2023
Table: By REDC Region and County

REDC Region	County	Count of Contracts	Committed this period
Finger Lakes	Ontario	15	\$145,493
	Orleans	4	\$1,055,487
	Seneca	2	\$28,800
	Wayne	5	\$100,459
	Wyoming	4	\$306,004
	Yates	3	\$22,695
	Total	64	\$8,234,924
Long Island	Nassau	21	\$613,674
	Suffolk	35	\$363,463
	Total	56	\$977,137
Mid-Hudson	Dutchess	33	\$1,174,046
	Orange	30	\$168,195
	Putnam	12	\$92,814
	Rockland	11	\$551,179
	Sullivan	2	\$24,604
	Ulster	35	\$502,633
	Westchester	28	\$9,131,763
	Total	151	\$11,645,234
Mohawk Valley	Fulton	2	\$13,515
	Herkimer	8	\$499,870
	Montgomery	3	\$103,338

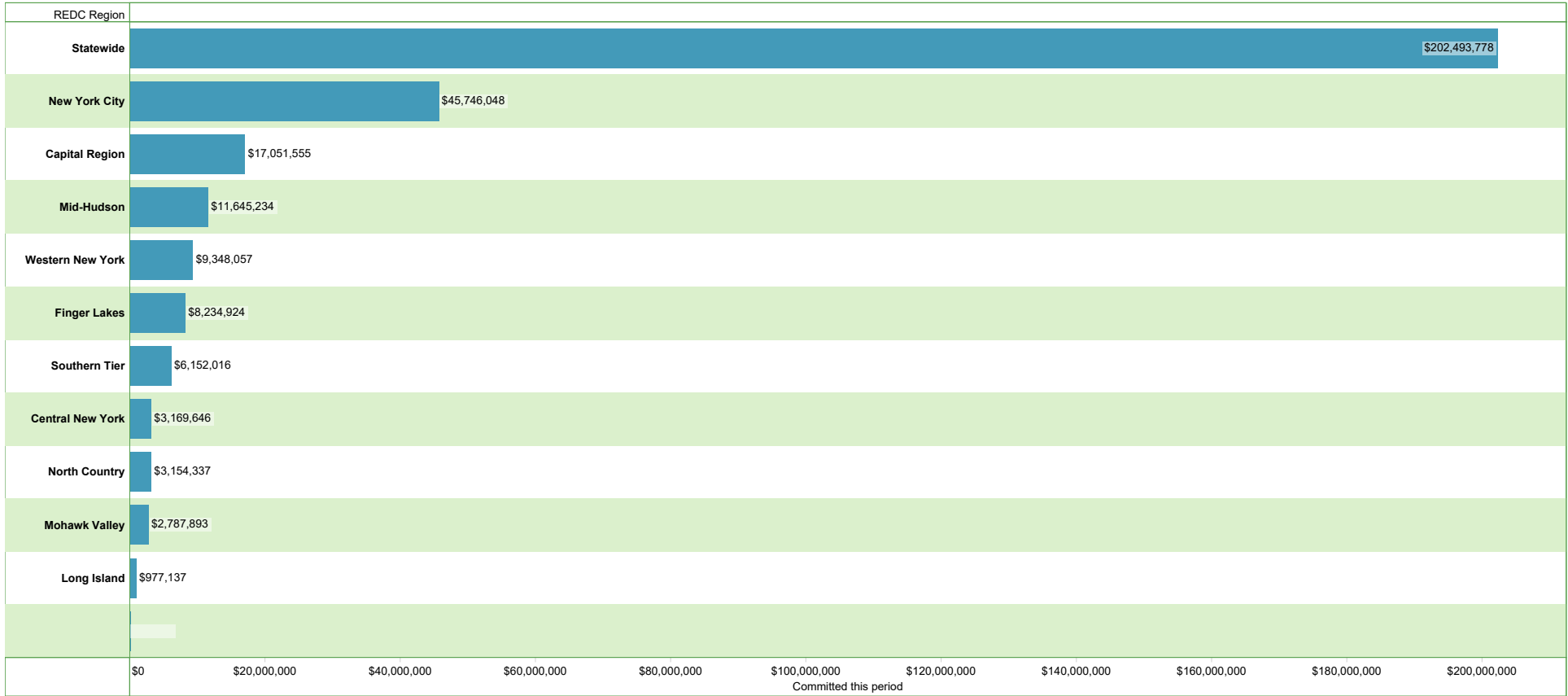
NYSERDA PERIODIC PROGRAM REPORT
5/16/2023 to 8/15/2023
Table: By REDC Region and County

REDC Region	County	Count of Contracts	Committed this period
Mohawk Valley	Oneida	16	\$2,020,058
	Otsego	3	\$73,457
	Schoharie	6	\$77,655
	Total	38	\$2,787,893
New York City	Bronx	47	\$7,508,853
	Kings	89	\$9,261,281
	New York	95	\$12,441,534
	Queens	75	\$14,447,624
	Richmond	26	\$2,119,797
	Total	330	\$45,746,048
North Country	Clinton	4	\$1,223,486
	Essex	7	\$49,054
	Franklin	2	\$314,525
	Hamilton	1	\$5,310
	Jefferson	4	\$27,540
	Lewis	1	\$101,141
	St. Lawrence	10	\$1,433,281
	Total	29	\$3,154,337
Southern Tier	Broome	10	\$1,429,105
	Chenango	5	\$1,817,163
	Delaware	1	\$48,561

NYSERDA PERIODIC PROGRAM REPORT
5/16/2023 to 8/15/2023
Table: By REDC Region and County

REDC Region	County	Count of Contracts	Committed this period
Southern Tier	Schuyler	1	\$436,128
	Steuben	11	\$1,929,967
	Tioga	2	\$466,800
	Tompkins	3	\$24,291
	Total	33	\$6,152,016
Statewide	STATEWIDE	91	\$202,493,778
	Total	91	\$202,493,778
Western New York	Allegany	5	\$2,017,326
	Cattaraugus	1	\$7,290
	Chautauqua	10	\$1,112,351
	Erie	32	\$376,614
	Niagara	6	\$5,843,596
	Total	53	\$9,348,057
Grand Total		993	\$310,802,785

NYSDERDA PERIODIC PROGRAM REPORT
5/16/2023 to 8/15/2023
Graph: By REDC Region



NYSDA PERIODIC PROGRAM REPORT
5/16/2023 to 8/15/2023
Table: By Electric Utility

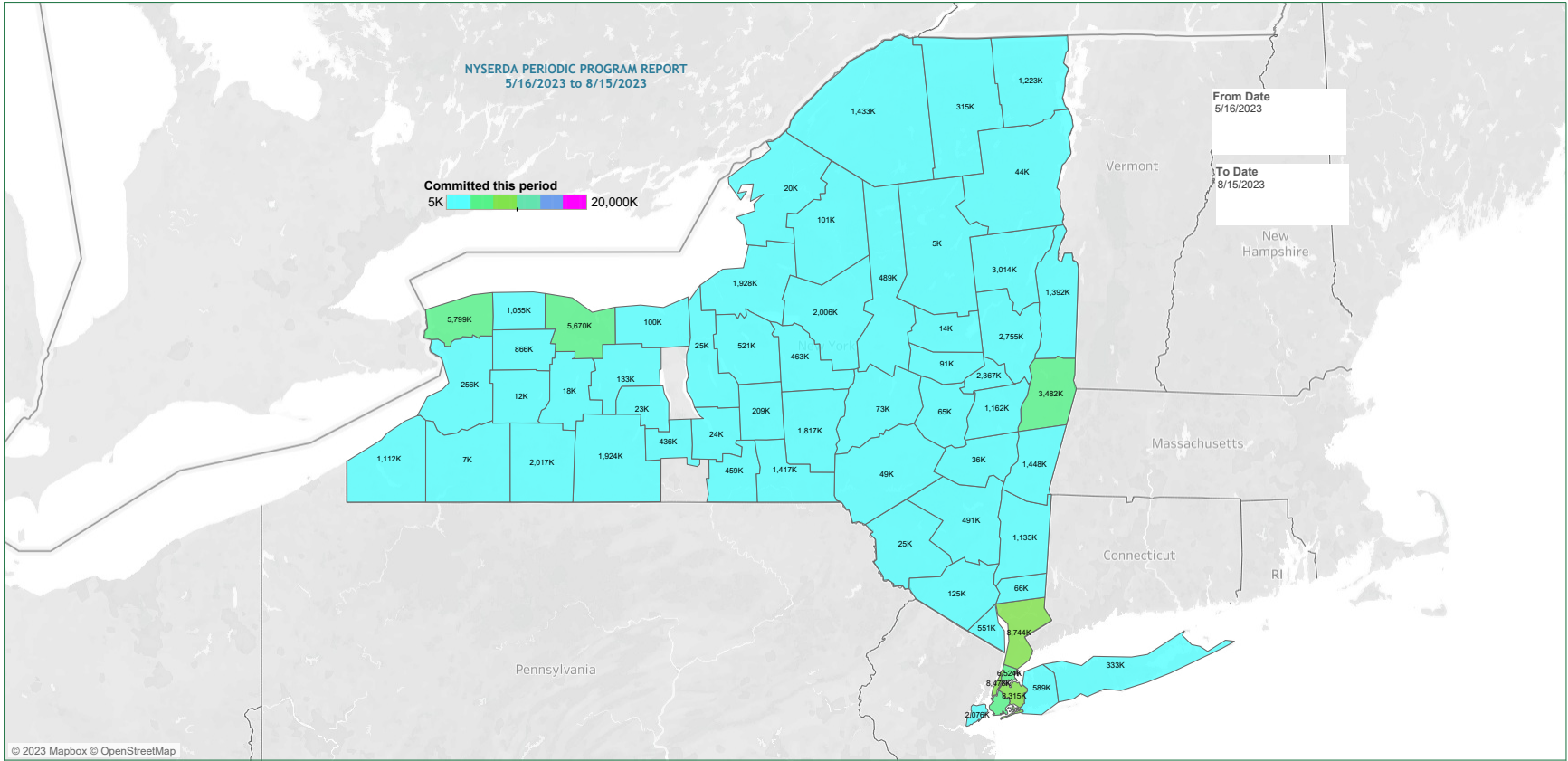
Electric Utility	Count of Contracts	Committed this period
Central Hudson Gas and Electric	80	\$1,192,480
Consolidated Edison	358	\$54,903,253
Long Island Power Authority	57	\$977,235
Municipal Utilities	6	\$717,605
National Grid	225	\$30,837,342
NYS Electric and Gas	115	\$13,688,259
Orange and Rockland Utilities	29	\$650,196
Rochester Gas and Electric	32	\$5,342,636
Statewide	91	\$202,493,778
Grand Total	993	\$310,802,785

NYSERDA PERIODIC PROGRAM REPORT
5/16/2023 to 8/15/2023

Committed this period
5K 20,000K

From Date
5/16/2023
To Date
8/15/2023

Report Type
 Procurement
 Program



Resolution No. ____

RESOLVED, that the Periodic Contracts Report, covering the period May 16, 2023 through August 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.