



# NYSERDA

**KATHY HOCHUL**  
Governor

**RICHARD L. KAUFFMAN**  
Chair

**DOREEN M. HARRIS**  
President and CEO

December 1, 2021

Honorable Kathy Hochul  
Governor  
Executive Chamber  
NYS Capitol  
Albany, NY 12224

Dear Governor Hochul,

Pursuant to the Public Authority Law Section 1867(7), as amended in 2015, attached is NYSERDA’s semi-annual report regarding specified contracting actions for the period from April 1, 2021, through September 30, 2021. The report is broken into sections to meet the statute’s reporting requirements, summaries of which are provided below.

- **Requirement 1** is for the revenues collected by the Authority in the reporting period. A report that details the revenues collected during the period is attached.
- **Requirement 2** is a list of requests for proposals, program opportunity notices, or similar solicitations that have been issued in the reporting period. A report that details the solicitations issued is attached.
- **Requirement 3** is a description of the criteria and standards utilized for assessing proposals made in response requests for proposals, program opportunity notices, or similar solicitations. The criteria and standards utilized for award selection and project eligibility are included in each solicitation. Please note that requirements 2 and 3 are contained in one section of the report.
- **Requirement 4** is a report on all projects selected for funding by the Authority during the reporting period broken down by region, including the county and utility service territory in which the project is located and the total value of these projects statewide and by region. Both a summary by regional economic development council (REDC) and details for each REDC are provided. The region “Statewide” includes projects that do not have a distinct project location and provide benefits across New York State.
- **Requirement 5** is a report of all disbursements or expenditures of revenues pursuant to requests for proposals, program opportunity notices, or similar solicitations. A report that details these disbursements is included.
- **Requirement 6** is a list of all contracts executed and completed during the reporting period including a description of each project. A report that details the executed contracts is attached.

This semi-annual report for the reporting period is also currently available on NYSERDA’s website at <https://www.nyserda.ny.gov/-/media/Files/Publications/Annual-Reports-and-Financial-Statements/2021-december-nyserda-semi-annual-report.pdf>

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

Sincerely,

Doreen M. Harris  
President and CEO

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

**Albany**  
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(P) 1-866-NYSERDA | (F) 518-862-1091  
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19th Floor  
New York, NY  
10018-7842  
(P) 212-971-5342  
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**West Valley Site  
Management Program**  
9030-B Route 219  
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14171-9500  
(P) 716-942-9960  
(F) 716-942-9961

NYSERDA

Revenues Collected - April 1, 2021 through September 30, 2021

<b>Revenue Source</b>	<b>Amount (\$000's)</b>
State Appropriation	6,548
Utility Surcharge Assessments	236,177
Clean Energy Standard Proceeds	326,326
Allowance Proceeds	93,350
Third-party reimbursements	45,366
Federal grants	2,507
Interest subsidy	160
Project repayments	48
Rentals from leases	470
Fees and other income	57,725
Loans and financing receivables interest	13,463
Investment income	108
<b>Total revenues</b>	<b>782,248</b>

NYSERDA

Public Authority Law Report

April 1, 2021 to September 30, 2021

Section Break

## Solicitation Summary April 1, 2021 to September 30, 2021

Solicitation No.	Title of Solicitation	Solicitation Description	Issue Date	Due Date/Round	Funding Available
RFQL 4698	Third-Party Support Providers: Energy Code Plan Review & Inspection	This RFQL is a component of NYSERDA's ongoing efforts to enhance technical and online capacities in building energy codes within Authorities Having Jurisdictions (AHJs) in New York State.	9/10/2021	8/31/2021	No value was stated in solicitation
PON 4772	Climate Justice Fellowship	NYSERDA is seeking applications to fund and provide professional development training/mentoring for year-long, full-time fellowships, for individuals currently residing in disadvantaged communities or from a priority population, to work within organizations and businesses that advance climate justice and clean energy priorities for disadvantaged communities.	9/7/2021	10/28/2021	\$6,000,000.00
PON 4854	NOWRDC Innovation in Offshore Wind 2.0	Developing and demonstrating technology innovations that will reduce the levelized cost of energy (LCOE) and address other critical challenges facing offshore wind in the United States is the purpose behind Program Opportunity Notice (PON) 4854 from the National Offshore Wind Research and Development Consortium (NOWRDC).	8/18/2021	4/22/2022	\$8,000,000.00
T2RFP21-2	Purchase of New York Competitive Tier 2 Eligible Renewable Energy Certificates	NYSERDA is procuring Tier 2 eligible Renewable Energy Certificates (RECs) from wind and non-state-owned run-of-river hydroelectric generating facilities located within New York State that entered commercial operation prior to January 1, 2015.	8/5/2021	9/9/2021	No value was stated in Solicitation
PON 4563	Just Transition Site Reuse Planning Program	The Just Transition Site Reuse Planning Program is designed to advance New York State's goal of moving to a clean energy economy by assisting communities transitioning away from conventional energy infrastructure they have hosted over the past several decades, specifically fossil-fuel power plants.	8/3/2021	8/5/2024	\$4,750,000.00
RFP 4799	Strategic Energy Management - Implementation Coach	NYSERDA requests proposals to support the implementation of the Strategic Energy Management (SEM) program to the industrial and commercial sectors. This includes recruitment of SEM participants, leading participants through SEM training, and providing coaching support to participants.	7/30/2021	10/7/2021	\$5,000,000.00

PON 4169	Long Duration Energy Storage Technology and Product Development	NYSERDA is helping to stimulate and grow long duration energy storage solutions in New York State by making up to \$12.5 million available. This funding will support innovative and under-utilized long duration energy storage solutions, devices, software, controls, and other complimentary technologies that decrease energy storage total hardware and installation costs, improve performance, and demonstrate integration with the power grid.	7/7/2021	6/5/2022	\$12,500,000.00
RFP 4808	Evaluation & Participant Assistance for NY Clean Transportation Prizes	NYSERDA requests proposals to support the management and execution of the New York Clean Transportation Prizes (NYCTP) through the provision of implementation support.	6/21/2021	7/29/2021	\$5,250,000.00
RFP 4120	Commercial & Industrial Carbon Challenge	The Commercial and Industrial (C&I) Carbon Challenge program provides grant funding between \$500k and 5 million to fund single projects or project portfolios that reduce carbon emissions for large commercial and industrial customers. Projects can include energy efficiency or process efficiency measures, on-site generation, battery storage, beneficial electrification, carbon capture, or other proven efficiency or renewable energy technologies.	5/18/2021	7/30/2021	\$61,765,000.00
RFP 4641	Outreach and Technical Services to Support Clean Energy Communities - Downstate	(NYSERDA) Communities and Local Government Team is seeking qualified organizations to provide Coordinator Services to support the Clean Energy Communities Program (PON 3298). The proposer will provide expert support to New York State communities in Long Island and New York City on a variety of clean energy projects and initiatives.	5/17/2021	6/24/2021	\$3,700,000.00
RFQL 4703	COMMERCIAL REAL ESTATE SERVICES-SALE of the SARATOGA TECHNOLOGY + ENERGY PARK MALTA, NY	NYSERDA is seeking a qualified commercial real estate brokerage firm to promote and assist with the sale of Saratoga Technology + Energy Park ("STEP" or the "Park") Malta, NY. Such services include, but are not limited to, sales strategy and review, advise and negotiate resulting bids.	5/12/2021	6/16/2021	No value was stated in solicitation

RFQL 4599	Consultants for Stakeholder Advisory and Technical Working Groups for NYStretch Energy Codes Development and Energy Code Advancement (	NYSERDA) seeks to establish a pool of Consultants who possess proficiency and technical expertise in building and energy codes to support the development of NYStretch Energy Codes (NYStretch) and overall advancement of New York State Energy Codes. NYSERDA is initiating development of the next voluntary NYStretch-Energy code that will exceed the residential and commercial state Energy Codes. Work is starting now so that it will be available and synchronized with future state energy code cycles.	4/22/2021	5/19/2021	No value was stated in solicitation
RESRFP21-1	<input type="checkbox"/> 2021 RES Purchase of New York Tier 1 Eligible Renewable Energy Certificates	NYSERDA seeks to purchase Tier 1 Renewable Energy Certificates (refer to the RESRFP21-1 Summary for full details) associated with electricity generated from eligible facilities that enter commercial operation on or after January 1, 2015 and on or before November 30, 2023, unless extended to November 30, 2026.	4/22/2021	6/30/2021	\$2,500,000,000.00
RFP 4732	Audit Services	NYSERDA <sup>TM</sup> ) is seeking proposals from independent certified public accounting firms to meet NYSERDA's need for annual audits of NYSERDA's and NY Green Bank's basic financial statements pursuant to generally accepted accounting standards and government auditing standards	1/10/2020	10/31/2023	\$9,000,000.00
PON 4745	Electric Truck & Bus Challenge	The Electric Truck and Bus Challenge aims to identify and demonstrate ways to reduce the cost, system and operational challenges of further deployment of medium- and heavy-duty (MD/HD) electric vehicles (EVs), including minimizing the costs of charging and grid integration infrastructure for MD/HD EVs; improve the quality of life in disadvantaged and other impacted communities; and demonstrate clear potential for replication and scale	4/20/2021	8/26/2021	\$24,500,000.00
PON 4744	Electric Mobility Challenge	<input type="checkbox"/> The Electric Mobility Challenge aims to transform the transportation options for members of disadvantaged communities by providing safe, convenient electric mobility options that meet community needs, which may include access to jobs, educational opportunities, basic services, and others as defined by the impacted communities, improve the quality of life in those communities, and demonstrate clear potential for replication and scale.	4/20/2021	8/25/2021	\$21,500,000.00

PON 4743	Clean Neighborhoods Challenge	The Clean Neighborhoods Challenge aims to reduce local air pollution in disadvantaged communities through the introduction or expansion of electric and active transportation modes, which could be paired with activities that enable a reduction in polluting vehicle traffic.	4/20/2021	8/24/2021	\$30,500,000.00
PON 4685	Carbontech Development Initiative	The Carbontech Development Initiative will catalyze the development of a nationally recognized carbontech innovation ecosystem that will serve as a coordination point for world class carbontech researchers, entrepreneurs, investors, and customers in New York State.	4/7/2021	6/14/2021	\$10,000,000.00
RFP Greenbank 15.48	NY Green Bank - 15.48 MWdc Residential Solar Portfolio Sale	NYSERDA is requesting bids for the potential purchase of all or a portion of the assets and equity interests constituting NYGB's collateral under its \$20.4 MM senior secured loan to Level Solar Master Holdings I LLC. The exact structure of sale will be determined based on related tax and structuring issues to be discussed with counsel.	6/4/2021	7/15/2021	No value was stated in solicitation
RFP 19	Mandatorily Redeemable Preferred Equity for Disadvantaged Community Lenders	NY Green Bank's RFP 19 invites regulated and unregulated financial entities (including but not limited to community development financial institutions [CDFIs], insured credit unions and depository institutions, and not-for-profit corporations that perform lending activities) actively deploying capital into clean energy and sustainable infrastructure projects that benefit disadvantaged communities (DACs) in New York State to submit proposals for NYGB preferred equity investments.	9/13/2021	9/1/2022	No value was stated in solicitation
RFP 18	Financing Arrangements for High Performance Affordable Housing	NY Green Bank's RFP 18 invites property owners and developers, energy service companies and equipment manufacturers, capital providers, and other market participants to submit proposals for NYGB investment in the construction or retrofit of multifamily affordable housing to high levels of energy performance in New York State.	5/12/2021	4/30/2026	No value was stated in solicitation

RFP 4630	Regional Clean Energy Hubs	<p>NYSERDA) is seeking qualified organizations, in each economic development region in the state, to serve as Regional Clean Energy Hubs. Regional Clean Energy Hubs to Advance an Inclusive Clean Energy Economy Provides community-based outreach and engagement to residents, small businesses, nonprofits and affordable housing owners to increase access to, and participation in, clean energy programs, incentives, and resources, improve energy literacy, and build capacity in disadvantaged communities to participate in and benefit from the clean energy economy.</p>	9/23/2021	1/19/2022	\$36,656,600.00
PON 4806	Carbontech Entrepreneurial Fellowship Program	<p><input type="checkbox"/> The Carbontech Entrepreneurial Fellowship Program will catalyze the establishment of a nation-leading carbontech innovation and commercialization program for entrepreneurial scientists in New York State. This initiative will support a New York based organization, a Fellowship Partner, to set up and execute a fellowship program that provides financial and other support to entrepreneurial scientists with breakthrough carbontech innovations</p>	6/28/2021	8/2/2021	\$9,146,000.00
RFP 4815	Outside Counsel Services	<p>NYSERDA invites proposals from attorneys and law firms interested in providing outside legal services related to a wide array of legal issues.</p>	7/2/2021	7/28/2021	No value was stated in solicitation
RFQL 4771	Marketing Services	<p>This solicitation seeks to qualify marketing firms to provide NYSERDA with a range of marketing and communications support services for a diverse set of programs and initiatives that vary in scope, audience, and objective. NYSERDA will select and rank proposers for each of the following categories: Market Development, Policy, Offshore Wind and Large-Scale Renewables, Distributed Energy Resources.</p>	8/30/2021	10/5/2021	No value was stated in solicitation
RFP 4760	Resilience Integration Services for Anchor Contractor	<p>NYSERDA is embarking on an Authority-wide initiative to understand the impacts of climate change on NYSERDA programs and assets and to devise approaches that systematically consider both risk and resilience in program designs, operations, governance, and investments. NYSERDA seeks proposals from experienced teams or firms interested in contributing to a comprehensive, collaborative, Authority-wide Resilience Integration effort.</p>	8/10/2021	10/12/2021	\$775,000.00



RFP 4674	Engineering Services Contract for the SDA and the WNYNSC	<input type="checkbox"/> NYSERDA seeks proposals for providing the West Valley Site Management Program (WVSMP) with Professional Engineering and Land Surveying services at the Western New York Nuclear Service Center (WNYNSC).	7/16/2021	8/31/2021	No value was stated in solicitation
RFP 4541	Residential Energy Improvement Loan Origination Services	NYSERDA") is seeking proposals from qualified companies to originate residential energy improvement loans (the "Originator") to New York State residents under NYSERDA's Green Jobs – Green New York Program. The proposer may be a single entity qualified to perform all services described in this RFP, or a proposer may partner with other entities to leverage strengths and expertise as necessary to accomplish the required tasks.	7/14/2021	10/4/2021	No value was stated in solicitation
RFP 4753	Innovation Program Implementation Services	NYSERDA) serves as the lead agency tasked with meeting New York State's nation-leading climate goals, including achieving a zero-emission electricity sector by 2040 and reducing greenhouse gas emissions by 85% from 1990 levels by 2050. NYSERDA's Innovation team is at the forefront of these efforts, working to transform New York's climate technology markets through investments in technology advancement, novel business models and processes, and other innovative solutions.	4/23/2021	7/6/2021	\$24,000,000.00
RFP 4737	Integrated Energy Data Resource (IEDR) Program Manager	The objective of this RFP is to select the IEDR Program Manager responsible for organizing and administering IEDR implementation to accomplish the policy goals and program outcomes described in the New York Public Service Commission IEDR Order. Proposers may be a single company or team of companies but must, in their response, clearly identify the key employees, subcontractors, or relevant affiliates of all entities who are proposed to fulfill the requirements of this RFP, and their roles.	5/6/2021	7/1/2021	\$5,000,000.00

RFQL 4810	Technical Assistance in Support of the NYS Clean Energy Transition	RFQL 4810 seeks to competitively select a pool of contractors qualified to assist NYSERDA staff in conducting objective economic, technical, and policy analysis and analytical modeling to inform New York's transition to a clean energy system. The contractor pool established through this solicitation will make available specialized, high-quality technical expertise and as-needed consulting services across multiple support areas that reflect the work needed to help deliver on the goals set forth in the Climate Act and to advance an energy system transition that combats climate change and equitably delivers benefits.	6/1/2021	7/25/2021	No value was stated in solicitation
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**Revised Solicitations**

Solicitation No.	Title of Solicitation	Solicitation Description	Issue Date	Due Date/Round	Funding Available
Revised RFP -1	Clean Energy Financing Arrangements	NYSERDA) provides cash incentives and/or financing for the installation by Contractors and Builders of new grid-connected electric photovoltaic (PV) systems for residential sites in any region that are 25kW or less,	5/25/2021	12/29/2022	No value was stated in solicitation
Revised PON 211	NY-Sun Residential/Nonresidential Incentive Program	NYSERDA) provides cash incentives and/or financing for the installation by Contractors and Builders of new grid-connected electric photovoltaic (PV) systems for residential sites in any region that are 25kW or less,	9/30/2021	12/31/2025	No value was stated in solicitation
Revised PON 3082	NY-Sun Commercial / Industrial Incentive Program	NYSERDA provides performance-based incentives for the installation by Contractors of new grid-connected electric photovoltaic (PV) systems that are ranging from 750kW to 7.5MW in Upstate region	9/30/2021	12/31/2025	No value was stated in solicitation

Revised PON 3414	Affordable Solar and Storage Predevelopment and Technical Assistance	Affordable Solar and Storage Predevelopment and Technical Assistance will provide grants to address barriers to solar installations serving low-to-moderate income (LMI) households living in rental housing, multifamily buildings, or other households not served by traditional onsite residential solar. Individual awards will not exceed \$200,000.	7/16/2021	12/31/2024	\$10,650,000.00
Revised T4RFP21-1	Purchase of Tier 4 Renewable Energy Certificates	Through this 2021 solicitation, T4RFP21-1, NYSERDA seeks to procure Tier 4 RECs as authorized by The Public Service Commission's October 15, 2020 Order which established a new Tier 4 within the Clean Energy Standard.	5/10/2021	5/12/2021	No value was stated in solicitation
Revised PON 4000	New York State Clean Energy Internship Program	Provides funding to eligible clean energy businesses, organizations, and local municipalities hiring interns to perform meaningful work in the clean energy sector.	5/4/2021	12/30/2024	\$2,000,000.00
Revised PON 3405	Drive Clean Rebate	<input type="checkbox"/> The Drive Clean Rebate offers New York State residents a point-of-sale rebate of up to \$2,000 towards the purchase or lease of a new electric car. Eligible vehicles include all-electric cars, plug- in hybrid electric cars, and fuel cell electric cars	5/7/2021	12/30/2021	\$88,577,898.00
Revised PON 3846	Agriculture Energy Audit Program	NYSERDA offers free energy audits to identify energy efficiency measures for eligible farms and on-farm producers, including but not limited to: dairies, orchards, greenhouses, vegetables, vineyards, grain dryers, and poultry/egg.	8/9/2021	12/31/2025	\$3,500,00.00
Revised PON 3981	Energy Efficiency and Clean Technology Training	NYSERDA is seeking proposals for training initiatives focused on advancing skills and preparing workers for jobs in New York's energy efficiency and clean technology industry.	9/13/2021	12/30/2021	\$3,900,000.00
Revised PON 4614	Community Heat Pump	The goal of NYSEERDA's Community Heat Pump Systems Program is to prove the value proposition of connecting a cluster of buildings via a community-style heat pump system, as compared to serving buildings individually via "thermally islanded" heat pumps.	9/27/2021	11/15/2022	\$15,000,000.00

Revised NYT-VIP	The New York Truck-Voucher Incentive Program	The New York Truck Voucher Incentive Program (NYTVIP) helps make it easier for fleets to adopt clean vehicle technologies while removing the oldest, dirtiest diesel engines from New York roads.	6/29/2021	2/28/2026	No value was stated in solicitation
Revised PON 4463	Career Pathway Training Partnerships for High Efficiency HVAC and Heat Pumps	NYSERDA is seeking proposals for hands-on, entry level training programs designed to help develop a talent pipeline of new workers (e.g., technicians, installers, technical sales) that are aligned with the basic, technical, and advanced skills needed by employers to work in high efficiency heating, ventilation, and air conditioning (HVAC) careers specializing in heat pump technologies including cold climate heat pump applications.	6/28/2021	4/19/2022	\$3,700,000.00
Revised PON 3715	Workforce Training and Building Operations Maintenance	NYSERDA's Building Operations and Maintenance Workforce Development and Training Program seeks to reduce energy use, associated carbon emissions, and building operations costs by enhancing the skills of operations and maintenance staff and managers across the State. The Program provides employers and building owners with support to implement workforce development and training projects that create the talent development strategy, corporate culture, on-site training framework, and training tools needed to support building operations and maintenance workers beyond classroom training.	6/21/2021	11/16/2022	\$10,000,000.00



**NYSERDA**

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President and CEO

**Climate Justice Fellowship  
Program Opportunity Notice (PON) 4772  
\$6 Million Available**

**Applications accepted through October 28, 2021,  
by 3:00 p.m. Eastern Time.**

Applications will be evaluated on a rolling, first-come first-served basis. It is anticipated that an additional due date(s) for 2022 Fellowships will be posted after October 28, 2021.

**Program Background and Summary**

New York State is a leader in promoting environmental and climate justice, to ensure an equitable clean energy transition for all communities — but especially those disproportionately burdened by environmental health hazards — and position them to chart the clean energy future that meets their communities' needs. A key element of climate justice is ensuring the green jobs of the future are available to all New Yorkers. The New York State Energy Research and Development Authority (NYSERDA) has been directed to invest more than \$100 million through 2025 to train workers for good-paying jobs created across the state in the clean energy economy, and NYSERDA has prioritized these workforce training investments to serve historically disadvantaged communities and priority populations including individuals that are low income, veterans, disabled, formerly incarcerated, and residents of environmental justice communities.

For example, NYSERDA is currently supporting the next generation of clean energy workers by funding internships and on-the-job training for individuals looking to join the clean energy industry. NYSERDA's Internship and On-the-job Training programs provide a wage subsidy to businesses, helping reduce the risk of hiring and training new workers in many emerging fields, including high-efficiency HVAC and energy efficiency. Eligible businesses can hire interns and permanent employees based on their needs. In addition, businesses have the option to hire eligible interns as a full-time employee through the On-the-Job Training Program following their internships.

NYSERDA is seeking to leverage our support for interns and on-the-job training with a new program to support Climate Justice Fellowships. For the purposes of this solicitation, applications to fund and provide professional development training/mentoring for year-long, full-time fellowships, for individuals currently residing in disadvantaged communities or from priority populations, to work within organizations and businesses that advance climate justice and clean energy priorities for disadvantaged communities. It is anticipated that fellows currently residing in disadvantaged communities or from priority populations will work with community-based organizations, universities, municipalities, climate tech innovators/start-ups, venture development organizations and clean energy businesses.

*No communication intended to influence this procurement is permitted except by contacting Darina Mayfield at (518) 862-1090, ext. 3672, or Adele Ferranti, (518) 862-1090, ext. 3206, or by email [WFInfo@nyserda.ny.gov](mailto:WFInfo@nyserda.ny.gov). If you have contractual questions concerning this solicitation, contact Nancy Marucci at (518) 862-1090, ext. or by email [NancySolicitations@nyserda.ny.gov](mailto:NancySolicitations@nyserda.ny.gov). Contacting anyone other than the Designated Contacts (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offeror, and (2) may result in the proposer not being awarded a contract.*

It is expected that Fellows will assist with community engagement activities (e.g., plan, policy, or project), clean energy project development and implementation, facilitate partnership building, support clean energy start-ups, or engage in other projects related to advancing climate justice and clean energy priorities in disadvantaged communities

NYSERDA anticipates funding approximately 50 fellowships in 2021 and up to 100 fellowships over the next two years, and will work with State and federal agencies, non-profits, foundations, and other partners to leverage existing resources, wrap-around services, training, and professional development opportunities. Based on available funding and the number of viable applications received by October 28, 2021, NYSERDA anticipates funding 50 fellows in 2021 and reserves the right to fund additional fellows to start in early 2022 should demand exceed funding available for fellows that will start in 2021.

For eligible host employers, the total award amount is capped at \$40k per Fellow, which includes a \$37k mandatory minimum annual (12-month) salary for the Fellow; and \$3k for training/professional development and/or wrap-around services (details below) for the Fellow during the 12-month period. Upon NYSERDA review and approval, any remaining eligible funds (up to the maximum of \$40k per Fellow) may be paid to the Fellow as a bonus upon successful completion of the 12-month employment period. Host employers are required to provide the Fellow with comprehensive employee health benefits (details below) as cost share.

Host employers must apply to the program with a fellow candidate identified. Employers must provide an outline of specific activities the fellow will undertake over the 12-month period. Based on the evaluation criteria in this document, NYSERDA will select employers and their Fellows to participate in the program. The projected timeline for applications is as follows: Fall 2021 Cohort 1; Winter/Spring 2022 Cohort 2; Winter/Spring 2023 Cohort 3.

Applications that meet solicitation requirements will be reviewed and evaluated on a rolling and first-come first-served basis by a Scoring Committee consisting of NYSERDA staff and selected outside reviewers. A threshold will be set at NYSERDA's discretion. Final rankings and contract awards will be based on the below Evaluation Criteria. It is anticipated that all award decisions will be made by November 30, 2021.

### **Application Submission**

**All applications must be received by 3pm Eastern Time on the date noted above.** Online submission is preferred. For detailed instructions on how to submit an application proposal (online or paper submission), including file requirements, click the link "Application Instructions and Portal Training Guide [PDF]" located on PON 4772 solicitation page. Should any changes be made to this solicitation, notification will be posted on the "Funding Opportunities" section of NYSERDA's website.

### **Informational Webinar**

NYSERDA will conduct an informational webinar on September 16, 2021, at 10am Eastern Time during which NYSERDA will review the requirements of this solicitation and answer questions. Proposers interested in attending can send an email to Darina Mayfield at [WFinfo@nyserda.ny.gov](mailto:WFinfo@nyserda.ny.gov) with the subject line "PON 4772 Climate Justice Fellowship" to request information on how to participate. Questions may be submitted via the same email address prior to the Webinar, or during the Webinar using the web platform. Following the conclusion of the Webinar, NYSERDA will post questions and responses on the NYSERDA website. All questions will be posted anonymously, and NYSERDA's written responses will supersede any responses given during the Webinar.

### **Terms and Definitions**

**Definition of Climate Justice:** Climate justice is the promotion of individual and collective capacity to prepare for, respond to, and recover from climate events as well as the fair treatment, meaningful involvement, and the absence of discrimination in the creation of policies, programs, and projects that both address the disparate impacts of climate change and the transition to a net zero emissions economy.

**Principles of Climate Justice:** Links human rights and development to achieve a human-centered approach by safeguarding the rights of the most vulnerable. Climate justice should be informed by science and acknowledge the need for equitable stewardship of international resources.

**Achieving Climate Justice:**

- Encourage participation in decision-making by using fair, accountable, and open communications and processes.
- Require transparency in decision-making and policy development and implementation.
- Ensure that solutions benefit all but are crafted to prioritize communities facing the greatest barriers perpetuated by systemic and structural racism.
- Encourage mutual learning to achieve understanding and acceptance across all partnerships.

For the purposes of this solicitation, visit the "[Definitions](#)" page on NYSERDA's Clean Energy Workforce Development website for the most up-to-date definitions on the terms "Disadvantaged Communities" and "Priority Populations."

**Funding**

Total funding currently available for this solicitation is \$6 million. NYSERDA anticipates funding approximately 50 fellowships in 2021 and up to 100 fellowships over the next two years, and will work with State and federal agencies, non-profits, foundations, and other partners to leverage existing resources, wrap-round services, training, and professional development opportunities. Based on available funding and the number of viable applications received by October 28, 2021, NYSERDA anticipates funding 50 fellows in 2021 and reserves the right to fund additional fellows to start in early 2022 should demand exceed funding available for fellows that will start in 2021.

For eligible host employers, the total award amount is capped \$40k per Fellow, which includes \$37k mandatory minimum annual (12-month) salary for the Fellow; and \$3k for training/professional development and/or wrap-around services (details below) for the Fellow during the 12-month period. Upon NYSERDA review and approval, any remaining eligible funds (up to the maximum of \$40k per Fellow) may be paid to the Fellow as a bonus upon successful completion of the 12-month employment period.

As a cost share requirement, host employers are required to provide the Fellow with comprehensive employee health benefits (i.e., medical, dental and vision) at reasonable or no cost to the Fellow. Health benefits must be offered to the Fellow; however, the Fellow may deny health benefits if already covered under an existing policy. Host employers that include additional employee benefits (e.g., life and disability insurance, retirement, paid time off, sick time, student loan assistance, etc.) in their cost share will be given preference.

When funds are exhausted or if interest is limited as evidenced by lack of response to this PON, or if there is no longer a valid need for the services, the program will be suspended with notice in the New York Contract Reporter and posted on NYSERDA's web site: <https://www.nyserdera.ny.gov/Funding-Opportunities/Current-Funding-Opportunities>. Applications received after the suspension date will not be considered for funding.

**Reimbursement/Payments**

Contract payments will be made to the eligible host employers only and will be made on a reimbursable basis (i.e., the Fellow must be paid full wages for the invoicing period before the host business requests an allowable reimbursement payment from NYSERDA). The eligible host business must submit request for reimbursement of wages that have been paid in accordance with the approved contract budget. Requests for reimbursement must be accompanied by supporting documentation in the form of paystubs, demonstrating hours worked, wages paid, benefits paid, etc. NYSERDA anticipates contract payments will be made at least once a month to the eligible host employers. NYSERDA will not reimburse for wages covered by any federal or state loan or grant program.

Wrap-around services and training/professional development needs may not be evident at time of application. Requests for reimbursement of these costs will be evaluated during and throughout the project period and is capped at \$3k.

On a case-by-case basis, NYSERDA will consider requests for a limited amount of funding to be provided up-front to support host organizations and the fellow(s). Justification regarding requests for advanced funding must be presented at time of application and reflected in the proposed budget.

### **Eligibility**

Host employers must apply to the program with a fellow candidate identified. Eligible host employers may apply for one (1) or more fellows per session/due date. It is anticipated that most host employers would be approved for one (1) fellow per session/due date. Additional fellows could be approved if funding is available, and a host employer has made a good case for an additional fellow(s) and can demonstrate adequate supervision/mentoring and meaningful work for an additional fellow. NYSERDA reserves the right to exercise discretion in awarding additional fellows to venture development organizations, and registered/certified Minority- and Women-Owned Business Enterprise (MWBE) organizations and Services-Disabled Veteran-Owned Businesses (SDVOB). If a fellow does not complete their 12-month employment period, NYSERDA will not fund a replacement fellow; however, the host employer can apply to the next round.

Eligible Host Employers must:

- Be a community-based organization, university, municipality, climate tech innovator/start-up, venture development organizations (e.g., incubators, accelerators, or other similar programs), clean energy business or a firm dedicated to advancing climate justice and clean energy priorities in disadvantaged communities.
- Commit to hiring and providing professional development training/mentoring for a year-long, full-time fellowship, to an individual currently residing in a disadvantaged community or from a priority population, advancing climate justice and clean energy priorities for disadvantaged communities. Full-time is defined as 35 - 40 hours per week for 12 consecutive months.
  - *Note: Fellows may be hired by a venture development organization, such as an incubator, accelerator or other similar program that serves multiple climate tech companies. In that case, NYSERDA may approve requests for the fellow(s) to assist multiple companies throughout their fellowship, if those companies meet the other program criteria and the fellowships across multiple companies provides a meaningful, coordinated and cohesive experience to a fellow(s).*
  - *Note: The fellowships are intended for individuals not enrolled in school or coursework however part-time coursework or schooling that does not exceed 6 credit hours or 6 to 8 hours per week may be allowable and will be considered on a case-by-case basis, depending on the nature and hours of the full-time Fellowship and schooling or courses.*
- Have at least one physical business address in NYS where the fellowship will be executed and the legal authority to hire employees and conduct business in NYS.
- Have at least two or more employees or the equivalent of two full-time employees. Principals of corporations and owners of businesses such as sole proprietors or partners are not considered to be employees for this eligibility requirement. If the applicant host employer has no employees or if the workers are independent contractors, subcontractors or contract employees, then the business is not eligible.
  - *Note: This specific eligibility criteria does not apply to employers who are New York State registered, or New York City certified as a WBE/MBE/SDVOB, or to start-ups participating in NYSERDA's Tech to Market program at time of application.*
- Can provide the Fellow with comprehensive employee health benefits for the 12-month employment period (i.e., medical, dental and vision)



- *Note: Host employers that include additional employee benefits (e.g., life and disability insurance, retirement, paid time off, sick time, student loan assistance, etc.) in their cost share will be given preference.*
- Attest to compliance with all applicable labor laws, and not have failed to file any applicable local, state or federal tax returns, nor failed to pay New York State Unemployment Insurance.
  - *Note: NYSERDA reserves the right to request that the New York State Department of Labor (NYSDOL) conduct a due diligence search to confirm this information. The NYSDOL due diligence review process will include a review of the business' Unemployment Insurance records; WARN notices; ongoing investigations with NYSDOL's Public Works, Labor Standards and/or Safety and Health Divisions; registration with the NYS Department of State's Division of Corporations; Workers Compensation Insurance and Disability Insurance coverage; federal OSHA records; and contracts/agreements from NYSDOL received during the past three years.*

Eligible Fellow Candidates must:

- Currently reside in NYS and can work in NYS full-time for 12-months
  - *Note: For the purposes of this solicitation, when feasible, in-person work that prioritizes the health and safety of individuals is preferred. However, remote work, with a comprehensive "return to the office" transition plan, may be considered for funding.*
- Commit to the entire 12-month fellowship and the goal of assisting the employer in advancing climate justice and clean energy priorities for disadvantaged communities.
- Currently reside in a Disadvantaged Community or be from a Priority Population as defined on NYSERDA's Clean Energy Workforce Development "[Definitions](#)" page.
- Be a new hire, not a previous or furloughed employee, contractor, or intern
  - *Note: Under this solicitation, interns participating in NYSERDA's New York State Clean Energy Internships Program (PON 4000) may be eligible to become a Fellow with their current host employer. The fellowships are intended for individuals not enrolled in school or coursework however part-time coursework or schooling that does not exceed 6 credit hours or 6 to 8 hours per week may be allowable and will be considered on a case-by-case basis, depending on the nature and hours of the full-time Fellowship and schooling or courses.*
  - *Note: The Fellow can only begin their employment and implementation of fellowship plan after approval from NYSERDA has been received. Fellows that begin employment before approvals are received are NOT eligible.*
- Not be a relative of business owners, principals, or hiring managers.
  - *Note: "Relative" shall include the following relationships: relationships established by blood, marriage, or legal action. Examples include spouse, mother, father, son, daughter, sister, brother, mother-in-law, father-in-law, sister-in-law, brother-in-law, son-in-law, daughter-in-law, stepparent, stepchild, aunt, uncle, nephew, niece, grandparent, grandchild, or cousin. The term also includes domestic partners (a person with whom the employee's life is interdependent and who shares a common residence) and a daughter or son of an employee's domestic partner.*

### **Assurances**

The Host Employer must be willing to assure the following:

- The host employer's intention in participating is for the newly hired Fellow to remain employed with the employer upon completion of the fellowship program (i.e., 12 months).
- No worker shall be displaced by the Fellow, including a partial displacement such as a reduction in hours, wages, or employment benefits.
- The host employer will comply with New York State labor law and federal law for the protection of employees.

## **Fellowship Requirements**

A successful Fellowship program can be designed to support a range of activities including study in a specific field, research to advance work on a particular issue, developing a new community-based organization or initiative, training and reflection to support the Fellow's growth, and opportunities to further explore a particular field of work. It is anticipated that successful Host Employers will already be working to advance climate justice and clean energy priorities in disadvantaged communities, and that the Fellow will assist in furthering this objective. To be eligible for funding, the proposed fellowship plan must:

- Be a full-time fellowship (35 to 40 hours a week for 12 consecutive months) with comprehensive employee health benefits at reasonable or no cost to the Fellow (i.e., Required: medical, dental and vision. Optional: life, and disability insurance, retirement, paid time off, sick time, student loan assistance, etc.)
  - *Note: Health benefits must be offered to the Fellow; however, the Fellow may deny health benefits if already covered under an existing policy.*
- Advance climate justice and clean energy priorities for disadvantaged communities and fall within the eligible project range including but not limited to energy (e.g., benchmarking), retrofits, analysis (e.g., audits), policy (e.g., LEED assessment), events, inventory, social justice, strategic planning, etc.
- Include a general outline of climate justice activities the Fellow will undertake over the 12-month period, including estimates on the frequency of in-person meetings, peer check-ins, individual coaching sessions, etc.
- Have an initial high-level idea of the theme and shape of the final deliverable or capstone project the Fellow will produce upon completion of the program
  - Examples include but are not limited to:
    - Energy benchmarking/disclosure requirements that protect and empower tenants with information about the energy use intensity and affordability of their housing stock
    - Consider the health impacts associated with poor indoor air quality and insufficient thermal comfort
    - Identify and evaluate options for supporting equitable adaptation and resilience practices and projects, and to enhance insurance protection
    - Develop a comprehensive strategy to encourage investment by anchor institutions to equitably address climate change and local community wealth building
    - Energy efficiency education and resources to community members through a series of workshops, tabling events, and media
    - Analysis of specific clean energy curriculum for implicit bias and exploration of avenues to incorporate community voice in curriculum and programs
    - Examination of power and privilege dynamics and the impact these can have on communities; exploring opportunities to leverage power and privilege.
    - Exploration of related concepts and practices to move toward a just society; examining the historical context of exclusion in the United States and how this impacts communities.
    - Supporting and strengthening grassroots community-based collaboration with sector-based employment partners
    - Developing and/or implementing strengths-based community climate change/resilience planning strategies, policies, and projects
    - Facilitating partnership building and support clean energy start-ups' use of technology to address disadvantaged community identified needs to the disproportionate impacts of climate change
- Match Fellows with senior internal mentors – In the first few months of the fellowship, the Fellow should work with supervisors to identify a more senior professional within the host organization who can provide additional internal guidance and development.

- Match Fellows with external mentors – the host employer should work to connect the Fellow with professionals external to their organization, and who have overlapping professional and/or personal goals and interests.
- Assist the Fellow in securing the proper training/professional development and wrap-around services (e.g., public transportation), enabling their ability to fully engage in the program
  - *Note: Wrap-around services and training/professional development needs may not be evident at time of application. Requests for reimbursement of these costs will be evaluated during and throughout the project period and is capped at \$3k.*
  - *Note: NYSERDA will work with State and federal agencies, non-profits, foundations, and other partners to leverage existing resources for training and professional development for Fellows. Activities may include peer groups, leadership development, and mentorship for all Fellows, and will be provided at no or low cost to the Fellow or host employer.*

### **Reporting**

A host employer must agree to the following terms and conditions regarding reporting and reimbursement:

- Keep records of the Fellow's progress according to the fellowship plan and must make these records available to NYSERDA upon request.
- Acknowledge that failure to maintain the required fellowship records will result in disallowance of fellowship funds.
- Acknowledge that on-site and/or remote fiscal and programmatic monitoring of contract activities will take place at regular intervals during the contract by either NYSERDA or NYSDOL staff. Requested records must be made available to representatives during these monitoring visits.
- Complete and submit requested evaluations of each Fellow hire to NYSERDA following guidance provided by NYSERDA. Failure to submit completed evaluations in a timely manner may result in disallowance of Fellowship funds.
- Notify NYSERDA in writing if any approved Fellow is terminated or quits. This notification must be made within two weeks of the change in employment status.

NYSERDA reserves the right to terminate Contractors from the program who receive complaints or other serious charges from employees or new hires.

### **Application Requirements**

To obtain the attachments listed below, see the "Associated Documents" on the funding opportunities page for this solicitation.

- Attachment A – Host Employer Application
- Attachment B – Fellow Candidate Application
- Attachment C – Fellow candidate's resume detailing educational background, work experience, volunteer activities, etc.
- Attachment D – Two (2) professional, academic and/or personal letters of support – this could be a professor, mentor, employer, community member, elder, etc. Letters of support should not exceed one page, single-spaced, and speak to the candidate's ability to effectively engage in the fellowship program. Please include contact information of the person who is writing the recommendation.
- Attachment E – Essay or personal statement briefly describing why you (the fellow candidate) are the ideal candidate for this fellowship opportunity. It is required that you explain why you should be considered as an individual currently residing in a Disadvantaged Community or from a Priority Population as defined on NYSERDA's Clean Energy Workforce Development "[Definitions](#)" page.
- Attachment F – Budget

## **Application Evaluation**

Applications that meet solicitation requirements will be reviewed and evaluated on a rolling and first-come first-served basis by a Scoring Committee consisting of NYSERDA staff and selected outside reviewers. A threshold will be set at NYSERDA's discretion. Final rankings and contract awards will be based on the below Evaluation Criteria, listed in order of importance. After applications are reviewed by the Scoring Committee, NYSERDA will notify each proposer whether or not the application was favorably evaluated. NYSERDA reserves the right to require an interview or request additional information from proposers before the final contract award decision. NYSERDA also reserves the right to eliminate from further consideration any application deemed to be substantially or materially non-responsive to the requirements of this PON or the requests for information contained herein. It is anticipated that all award decisions will be made by November 30, 2021.

## **Evaluation Criteria**

### **Comprehensiveness of Approach & Management Plan**

- How comprehensive are the climate justice tasks, activities, and/or projects the Fellow is anticipated to undertake for the 12-month employment period? Do the tasks, activities, and/or projects help to advance climate justice and clean energy priorities for disadvantaged communities? Is a general schedule detailing what will occur during the 12-month period included? Does it include estimates on the frequency of in-person meetings, peer check-ins, individual coaching, etc.?
- Does the potential final deliverable or capstone project speak to the objectives of this solicitation? How well does the Fellow's anticipated tasks and final deliverable build and improve upon activities currently underway in the organization? How well does the anticipated final deliverable benefit the Fellow, partnering organizations, local communities, and NYS? (e.g., what does the Fellow achieve upon completion of the program?)
- Have potential internal and external mentors to the Fellow been identified? Do their backgrounds compliment the tasks/activities/projects the Fellow will undertake? Has a mentoring schedule been outlined?
- Is the host employer proposing to provide the Fellow with appropriate and comprehensive wrap-around services and/or training/professional development needed to be successful in this program?

### **Fellow Candidate Requirements**

- Is the candidate's resume included? Does the resume include all the required elements on the resume application form?
- Are two (2) professional, academic and/or personal letters of support for the candidate included? How well do these letters support the spirit of this solicitation and speak to the candidate's ability to effectively engage in a fellowship program?
- Is an essay or personal statement included? How well does the essay/personal statement describe why they are the ideal candidate for this fellowship opportunity? As required, does the essay/personal statement explain why the candidate should be considered as an individual currently residing in a Disadvantaged Community or from a Priority Population as defined on NYSERDA's Clean Energy Workforce Development "[Definitions](#)" page?

### **Host Employer Relevant Experience, Qualifications & Requirements**

- How well does the organization's background/prior experience, mission, values, and objectives relate to advancing climate justice and clean energy priorities for disadvantaged communities?

- Is the firm a community-based organization, university, municipality, climate tech innovator/start-up, clean energy business or a firm dedicated to advancing climate justice and clean energy priorities in disadvantaged communities?
- Does the firm have at least two or more employees or the equivalent of two full-time employees? If no, is the firm New York State registered, or New York City certified as a WBE/MBE/SDVOB, or a start-up currently participating in NYSEERDA's Tech to Market program?
- Does the firm attest to compliance with all applicable labor laws, and not have failed to file any applicable local, state or federal tax returns, nor failed to pay New York State Unemployment Insurance?
- Does the firm have at least one physical business location in NYS and the legal authority to hire employees and conduct business in NYS?

### **Cost**

- Host employers are required to provide the Fellow with comprehensive employee health benefits (i.e., medical, dental and vision) as cost share during the 12-month employment period. How comprehensive are the health benefits being proposed? Are these benefits provided at reasonable or no cost to the Fellow?
- Is the host employer proposing to provide additional employee benefits (e.g., life, and disability insurance, retirement, paid time off, sick time, student loan assistance, etc.) to the Fellow during the 12-month employment period as cost share? How comprehensive are these additional employee benefits? Host employers that include additional employee benefits in their cost share will be given preference.
- Is the host employer requesting advanced funding to cover upfront costs? If yes, is the request justified?
- Have potential wrap-around services and/or training/professional development opportunities been identified? If so, are the costs reasonable?

### **Program Policy Factors**

Additionally, NYSEERDA reserves the right to accept or reject proposals based on the following factors:

- Geographical coverage across New York State to ensure that projects selected for funding optimize the use of available funding to achieve programmatic objectives.
- The degree to which the proposed project, including proposed cost shares, optimizes the use of available funding to achieve programmatic objectives.
- Institutional diversity or partnership with minority serving institutions.
- Consideration of the impact on, and benefits to, a diversity of communities, including low-income and rural communities.
- The degree to which the applicant has the resources (human and financial) to be able to complete the project.
- Diversity of awards, including multiple locations and program structures.
- The degree to which the proposed project directly addresses NYSEERDA's mission and strategic goals.
- Past performance under prior NYSEERDA agreements.

### **General Conditions**

**Proprietary Information** - Careful consideration should be given before confidential information is submitted to NYSEERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes. The NYS Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSEERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to

disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to exempt it from disclosure, including a written statement of the reasons why the information should be exempted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 <https://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx>. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

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

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

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

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

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

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx>. Proposers are required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility (this includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

**Tax Law Section 5-a** - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department.

The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf>.

**Contract Award** - NYSERDA anticipates qualifying multiple contractors under this solicitation. NYSERDA anticipates a contract duration of approximately one year, unless NYSERDA management determines a different structure is more efficient based upon applications received. A contract may be awarded based on initial applications without discussion, or following limited discussion or negotiations pertaining to the application. Each application should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful applications. NYSERDA may at its discretion elect to extend and/or add funds to any project funded through this solicitation. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the checklist questions. Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately 10 to 12 weeks from the application due date whether your application has been qualified. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

**Accessibility Requirements** - If awardees from this solicitation will be posting anything on the web, or if the awardee will produce a final report that NYSERDA will post to the web, the following language must be included. NYSERDA requires contractors producing content intended to be posted to the Web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#).

**Limitation** - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement. NYSERDA reserves the right to disqualify proposers based upon the results of a background check into publicly available information and the presence of a material possibility of any reputational or legal risk in making of the award.

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

**Vendor Assurance of No Conflict of Interest or Detrimental Effect** - The proposer shall disclose any existing or contemplated relationship with any other person or entity, including any known relationships with any member, shareholders of 5% or more, parent, subsidiary, or affiliated firm, which would constitute an actual or potential conflict of interest or appearance of impropriety, relating to other clients/customers of the proposer or former officers and employees of NYSERDA, in connection with proposer's rendering services as proposed. If a conflict does or might exist, please describe how your company would eliminate or prevent it. Indicate what procedures will be followed to detect, notify NYSERDA of, and resolve any such conflicts.

The proposer must disclose whether it, or any of its members, or, to the best of its knowledge, shareholders of 5% or more, parents, affiliates, or subsidiaries, have been the subject of any investigation or disciplinary action by the New York State Commission on Public Integrity or its predecessor State entities (collectively, "Commission"), and if so, a brief description must be included indicating how any matter before the Commission was resolved or whether it remains unresolved.

**Public Officers Law** – For any resulting awards, the Contractor and its subcontractors shall not engage any person who is, or has been at any time, in the employ of the State to perform services in violation of the provisions of the New York Public Officers Law, other laws applicable to the service of State employees, and the rules, regulations, opinions, guidelines or policies promulgated or issued by the New York State Joint Commission on Public Ethics, or its predecessors (collectively, the "Ethics Requirements"). Proposers are reminded of the following Public Officers Law provision: contractors, consultants, vendors, and subcontractors may hire former NYSERDA employees. However, as a general rule and in accordance with New York Public Officers Law, former employees of NYSERDA may neither appear nor practice before NYSERDA, nor receive compensation for services rendered on a matter before NYSERDA, for a period of two years following their separation from NYSERDA service. In addition, former NYSERDA employees are subject to a "lifetime bar" from appearing before any state agency or authority or receiving compensation for services regarding any transaction in which they personally participated, or which was under their active consideration during their tenure with NYSERDA. Any awardee will be required to certify that all of its employees, as well as employees of any subcontractor, whose subcontract is valued at \$100,000 or more who are former employees of the State and who are assigned to perform services under the resulting contract, shall be assigned in accordance with all Ethics Requirements. During the term of any agreement, no person who is employed by the contractor or its subcontractors and who is disqualified from providing services under the contract pursuant to any Ethics Requirements may share in any net revenues of the contractor or its subcontractors derived from the contract. NYSERDA may request that contractors provide it with whatever information the State deems appropriate about each such person's engagement, work cooperatively with the State to solicit advice from the New York State Joint Commission on Public Ethics, and, if deemed appropriate by the State, instruct any such person to seek the opinion of the New York State Joint Commission on Public Ethics. NYSERDA shall have the right to withdraw or withhold approval of any subcontractor if utilizing such subcontractor for any work performed would be in conflict with any of the Ethics Requirements. NYSERDA shall have the right to terminate any contract at any time if any work performed is in conflict with any of the Ethics Requirements.

#### **I. Attachments:**

Attachment A – Host Employer Application  
Attachment B – Fellow Candidate Application  
Attachment C – Fellow Candidate's Resume  
Attachment D – Fellow Candidate's Letters of Support  
Attachment E – Fellow Candidate's Essay/Personal Statement  
Attachment F – Budget Form  
Attachment G – Sample Agreement

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

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

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

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

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







**LONG DURATION ENERGY STORAGE TECHNOLOGY AND PRODUCT DEVELOPMENT**

PROGRAM OPPORTUNITY NOTICE (PON) 4169

**\$12.5 MILLION AVAILABLE**

*NYSERDA reserves the right to extend and/or add funding to this Solicitation should other program funding sources become available*

**Round 1 Proposals Due: September 15, 2021, by 3:00 PM Eastern Time**  
**Round 2 Proposals Due: February 16, 2022, by 3:00 PM Eastern Time**  
**Round 3 Proposals Due: June 15, 2022, by 3:00 PM Eastern Time**

The New York State Energy Research and Development Authority (NYSERDA) announces the availability of up to \$12.5 million in funds to support innovative and under-utilized long duration energy storage solutions, devices, software, controls, and other complimentary technologies that decrease energy storage total hardware and installation costs, improve performance, and demonstrate integration with the grid. Submissions must demonstrate significant statewide public benefits and quantify all energy, environmental and/or economic impacts. PON 4169 will be issued with 3 due dates (September 15, 2021, February 16, 2022, and June 15, 2022) with the following long duration energy storage focus areas:

1. Electrochemical
  - a. Electrochemical Energy Storage including Flow Batteries and innovative advanced battery solutions (greater than 6 hours duration)
  - b. Hydrogen Energy Storage and Flexibility Solutions
2. Mechanical
  - a. Innovative Pumped Hydro and Compressed Air/Gas Solutions
  - b. Mechanical/Gravity Energy Storage
  - c. Geomechanical Energy Storage
3. Thermal
  - a. Pumped Heat Electrical Energy Storage
  - b. Thermophotovoltaic (TPV) Storage
  - c. Innovative liquid or solid storage medium (e.g., water, sand, molten salts, rocks)

Proposals to each focus area will be accepted to all 3 due dates.

NYSERDA is accepting Full Proposals in the following categories:

Category	Maximum NYSERDA Funding Per Award	Total NYSERDA Cost Share
Category A: Early Stage	\$ 500,000	50% of total project cost
Category B: Product Development	No limit	50% of total project cost
Category C: Demonstration Projects	No limit	50% of total project cost
Category D: Multi-Phase Projects	No limit	50% of total project cost
Category E: Federal Cost Share Projects	No limit	50% of total project cost

**Proposal Submission:** Online submission is preferable. Proposers may submit Word, Excel, or PDF files (file formats include: csv, doc, docx, gif, jpeg, jpg, pdf, png, ppt, pptx, pps, ppsx, tif, txt, xls, xlsx, and zip). Individual files should be 100MB or less in file size. Proposal PDFs should be searchable and should be created by direct

conversion from MS Word, or other conversion utility. Files should not be scanned. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. NYSERDA will also accept proposals by mail or hand-delivery if online submission is not possible. For detailed instructions on how to submit a proposal (online or paper submission), click the link "[Application Instructions and Portal Training Guide \[PDF\]](https://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx)" located in the "Current Opportunities" section of NYSERDA's website (<https://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx>).

No communication intended to influence this procurement is permitted except by contacting Scott Larsen, [the.PON4169@nyserda.ny.gov](mailto:the.PON4169@nyserda.ny.gov), 518-862-1090 ext.: 3208 or Haiyan Sun [the.PON4169@nyserda.ny.gov](mailto:the.PON4169@nyserda.ny.gov), 518-862-1090, ext. 3311. If you have contractual questions concerning this solicitation, contact Nancy Marucci, (518) 862-1090 ext.: 3335 or by email [nancysolicitations@nyserda.ny.gov](mailto:nancysolicitations@nyserda.ny.gov). Contacting anyone other than the Designated Contacts (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

**\* All proposals must be received by 3 p.m. Eastern Time on the date noted above. Late, faxed, or emailed proposals will not be accepted.** Incomplete proposals may be subject to disqualification. It is the proposer's responsibility to ensure that all pages have been included in the proposal. Please note: for online submission, there are required questions that you will have to answer in addition to uploading attachments and you should allot at least 60 minutes to enter/submit proposals. The online proposal system closes promptly at 3 p.m. Eastern Time, files in process or attempted edits or submission after 3 p.m. Eastern Time on the date above, will not be accepted. If changes are made to this solicitation, notification will be posted on the "Current Opportunities" section of NYSERDA's website (<https://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx>).

## I. INTRODUCTION

NYSERDA seeks to stimulate and grow long duration energy storage solutions in hydrogen, electrical, mechanical, chemical, and thermal-electric energy storage innovation portfolios in NY State. Despite advances in these storage technologies, and ever-increasing numbers of deployments, several technological optimization opportunities still exist including initial pilots and demonstrations, hardware cost reductions, enhanced system performance (efficiency, life cycle and thermal stability), and demonstration of effective integration with the grid. Improving and optimizing these areas will accelerate growth of long duration electrical energy storage deployments.

As New York's electrification of transportation and building application increases, long duration electrical energy storage solutions will become critical in meeting times of reduced renewable generation.

Long Duration Electric Energy Storage solutions can reduce the intermittency of solar and wind energy, helping these resources to be flexible assets deployed when needed. Long duration electric energy storage is also needed to avoid the need for new electric system infrastructure, increase system efficiency and resiliency, and reduce requirements for fossil fuel plants to meet periods of peak electric demand or reduced renewable generation. Technology innovations in long duration electric energy storage solutions will accelerate their market adoption, effectively integrate large scale solar PV and wind power with the grid and will have large impact on greenhouse gas reduction, improve grid resiliency, and contribute to New York's renewable generation objectives.

## II. PROGRAM REQUIREMENTS

This solicitation is focused on advancing, developing and field testing those hydrogen, electric, chemical, mechanical and thermal-electric storage technologies that will address cost, performance, and integration challenges in NY State. Only innovative long duration energy storage technologies which are yet to be commercialized will be considered in this PON. Long Duration Energy Storage Solutions (6+ hours duration) of

interest for PON 4169 include, but are not limited to:

1. Electrochemical
  - a. Electrochemical Energy Storage including Flow Batteries and innovative advanced battery solutions (greater than 6 hours duration)
  - b. Hydrogen Energy Storage and Flexibility Solutions
2. Mechanical
  - a. Innovative Pumped Hydro and Compressed Air/Gas Solutions
  - b. Mechanical/Gravity Energy Storage
  - c. Geomechanical Energy Storage
3. Thermal
  - a. Pumped Heat Electrical Energy Storage
  - b. Thermophotovoltaic (TPV) Storage
  - c. Innovative liquid or solid storage medium (e.g., water, sand, molten salts, rocks)

New York-based clean energy companies and university researchers that apply for ARPA-E, DOE or National Lab funding that aligns with NYSERDA long duration energy storage solution goals can submit a full proposal to PON 4169 to receive cost-share funding from NYSERDA. If the proposal to NYSERDA is approved and the complementary federal proposal is selected by ARPA-E, DOE or a National Lab, the awardee will receive NYSERDA cost-share funding to help achieve ARPA-E, DOE or National Lab cost-share requirements.

PON 4169: Long Duration Energy Storage Technology & Product Development seeks to support the transition away from fossil fuel generated peaker plants, which are disproportionately sited in or near disadvantaged communities and are potential sources of particulate matter and other airborne pollutants. The PON supports development of long duration energy storage solutions paired with renewable energy generation in disadvantaged communities, resulting in reduced emissions and improved health outcomes for residents. Demonstration projects are also expected to improve resiliency and grid reliability in disadvantaged, remote indigenous and rural communities, lessening climate related impacts and grid constraints.

### **III. PROPOSAL REQUIREMENTS**

Unnecessary attachments beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal. To submit a Proposal, complete the Proposal Narrative form-fillable document part of the PON (Attachment A) and include the required attachments provided in the checklist in Section XIII of the Proposal Narrative.

Proposers must carefully review the Proposal Narrative to ensure that all required sections are completed. Failure to do so may result in the proposal being rejected as non-responsive.

Note: The proposer's goal should be to concisely present the information needed to fully address the scoring criteria (see Section VI). Proposals that grossly exceed the word limits or fail to follow the format guidelines may be rejected as non-responsive. Proposals deemed non-responsive will not be eligible for awards. If you believe proprietary information must be submitted to provide an adequate proposal, you must comply with the Section V instructions for submitting proprietary material. Unnecessary attachments beyond those sufficient to present a complete, comprehensive, and effective proposal may reduce, rather than increase, a proposal's standing per the scoring criteria. Each page of the proposal should state the name of the proposer, the PON number (PON 4169), and the page number.

Proposals determined to be compliant with application procedures and responsive to the solicitation will be subject to review by a scoring committee comprising NYSERDA and external technical experts in accordance with Section IV, Proposal Evaluation. Only the most technically meritorious Proposals will be awarded an invitation from NYSERDA to enter into an agreement. Proposals not meriting an award for contracting may be debriefed as requested.

In compliance with §139-j and §139-k of the State Finance Law (see Section V, General Conditions below for additional information), proposers will be required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility.

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

A payment based on the final deliverable will be reserved until project completion. If awarded, NYSEDA may choose to negotiate the amount of such payment.

**Recoupment** - For any new projects exceeding \$100,000 in NYSEDA funding that involve product development, including business development, NYSEDA will require a royalty based on sales and/or licensing of the new product developed (Please see Attachment F, Sample Agreement for specific recoupment obligations). Recoupment is not required for demonstration projects. Please see the definitions below to determine if your project will be subject to recoupment. Please note that NYSEDA will make final determinations as to whether proposals fit within the demonstration or product development categories.

- **Product Development:** efforts to bring a new or improved product to market including business case development, product design, scale, and field testing, but not including earlier stage technical feasibility or proof of concept development. Technologies with a Technology Readiness Level (TRL) exceeding 3 are to be considered Product Development (see Attachment C for additional guidance on TRLs). Field testing or pilot deployments of a non-commercial, non-warranted technology are considered Product Development.
- **Demonstration:** a project intended to increase sales or usage of a commercialized product already in the marketplace, with results used to generate objective performance information for customers or policymakers. At this stage, the product is available for commercial sale and warranted. While incremental improvements may be incorporated based on the demonstration results, the final product design is essentially complete. Note: pilot deployments or other field demonstrations that will inform additional product development will be considered as a Product Development project and therefore subject to recoupment.

Projects where NYSEDA's share of funding is \$100,000 or less will generally not require recoupment. Please note: NYSEDA may decline to contract with awardees that are delinquent with respect to recoupment payments or sales reporting for any previous NYSEDA agreement.

**Annual Metrics Reports** – If awarded, the proposer will be required to submit to NYSEDA's Project Manager on an annual basis, a prepared analysis and summary of metrics addressing the anticipated energy, environmental and economic benefits that are realized by the project. All estimates shall reference credible sources and estimating procedures, and all assumptions shall be documented. Reporting shall commence the first calendar year after the contract is executed. Reports shall be submitted by January 31st for the previous calendar years' activities (i.e. reporting period). The Contractor shall provide metrics in accordance with a web-based form, which will be distributed by NYSEDA. Please see Attachments E, E1 and E2): Sample Metrics Reporting Guides for the metrics that you will be expected to provide and the reporting duration. NYSEDA may decline to contract with awardees that are delinquent with respect to metrics reporting for any previous or active NYSEDA agreement.

Resubmission of Proposals that are not selected in an earlier round may be resubmitted only one more time,

with changes after a debriefing of the strengths and weaknesses from the first proposal. This resubmittal may occur in a subsequent round of this solicitation that remains open to Full Proposals.

## **PROJECT CATEGORIES**

### **Category 'A' – [A.1] Early-Stage Product Development (beyond basic research), [A.2] Demonstration Feasibility Assessments, and [A.3] Technology Facilitation Projects**

(A.1) Early-stage product development of eligible technologies that have passed the basic research stage and require support to prove technical and market feasibility with barriers and problems identified, or (A.2) Demonstration feasibility assessments that reveal the benefits and perceived hurdles associated with scaled demonstration of new or under-utilized eligible technologies at a specific New York site, or (A.3) Technology facilitation projects that identify and reduce market barriers facing commercialization or use of eligible technologies. NYSERDA will provide up to \$500,000 or 50% of the total project cost, whichever is less. Maximum NYSERDA funding for this Category is \$500,000 per project.

### **Category 'B' – Product Development**

Development of eligible technologies leading to the commercialization of products in New York State. There is NO NYSERDA funding cap for this category, however Category B projects requesting over \$250,000 must be phased with no phase exceeding \$250,000. NYSERDA will provide up to 50% of the total project cost.

### **Category 'C' – Demonstration Projects**

Innovative demonstrations of under-utilized eligible technologies that are near the commercial stage, demonstrate application opportunities, and lead to increased use of the technology in New York State. There is NO NYSERDA funding cap for this category, however Category C projects requesting over \$250,000 must be phased with no phase exceeding \$250,000. NYSERDA will provide up to 50% of the total project cost.

### **Category 'D' - Multi-phase Projects**

Innovations at the early-stage product development phase [A.1], demonstration feasibility assessments phase [A.2] or technology facilitation projects phase [A.3] may submit a proposal that begins as a Category A project and continues to the product development phase [B] and demonstration phase [C]. The full proposal must include a Statement of Work (See Attachment B) and Budget (See Attachment D) for each of the following categories – Category A [A.1, A.2 or A.3], Category B and Category C. Innovations at the product development phase [B] may submit a proposal that begins as a Category B project and continues to the demonstration phase [C]. The full proposal must include a Statement of Work and Budget for each of the following categories – Category B and Category C. There is NO NYSERDA funding cap for this category, however Category D projects requesting over \$250,000 must be phased with no phase exceeding \$250,000. NYSERDA will provide up to 50% of the total project cost.

a. Any proposer who requests multiple stage projects should briefly describe how it will complete the initial stage and any following stage along with significant milestones and provide an estimate of the total cost and schedule for each stage.

b. Any contract awarded to fund a multi-stage project does not in any way obligate NYSERDA to fund any more than the first stage. NYSERDA reserves the right to negotiate project Categories if it determines the project's efforts are a better fit for a different project Category.

i. NYSERDA anticipates awarding contracts for either a single stage of a multistage project, or for multiple stages. In the case of a multi-stage award, NYSERDA anticipates issuing a contract with a maximum, "not-to-exceed" amount with subsequent stages only being awarded on a contingent basis as described below.

ii. NYSERDA reserves the right not to move forward with subsequent stages of a multi-stage award, dependent on project success and availability of funding. Later stages may be funded if, in NYSERDA's sole discretion, milestones from the previous stage have been satisfied, there is still significant potential market impact, and sufficient program funds remain.

iii. NYSERDA expects it may award more contingent funding, due to project attrition, than is available for this program.

iv. At the end of each stage, project outcomes will be evaluated to determine if the project will continue to be funded.

c. The proposal must meet the minimum proposer total cost share for each category that is funded.

#### **Category 'E; - Federal Cost Share Projects:**

Cost-sharing is available for New York-based clean energy companies that receive ARPA-E, DOE or US National Lab award funding. Specifically, NYSERDA will establish a cost-sharing program, subject to applicable contracting laws, rules, and regulations, for New York-based clean energy companies and university researchers that receive ARPA-E, DOE or U.S. National Lab award funding. This program will be intended to help awardees achieve ARPA-E, DOE or U.S. National Lab cost-share requirements, and to increase the likelihood of successful New York company development and technology commercialization, furthering NYSERDA's goals. This Program provides an opportunity for the submittal of Full Proposals requesting a NYSERDA funding commitment for inclusion in a proposal submission to a competitive Advanced Research Projects Agency (ARPA-E), DOE or U.S. National Lab opportunity. Full Proposals submitted for this purpose must support the objectives of this PON and the identified focus areas within the long duration energy storage solutions and must also support the N.Y. Clean Energy Fund and N.Y. Climate Act goals. Full Proposals seeking NYSERDA funding and/or endorsement letter for this purpose must include a link to the relevant ARPA-E, DOE, or U.S. National Lab opportunity and draft or submitted federal opportunity proposal.

#### **Additional information required for Full Proposal submission for ARPA-E, DOE, National Lab cost share:**

- a. **Federal Funding Status:** Have you secured or are you seeking or plan to seek APRA-e, U.S. Department of Energy or U.S. National Lab funding for this project? If yes, please provide additional details describing your existing or planned engagement with ARPA-E, U.S. DOE or U.S. National Lab.
- b. **Plan** for collaboration between Proposer, ARPA-E, DOE or National Lab and NYSERDA in research, development, demonstration, and deployment of clean energy technologies of mutual interest. The collaborations shall be enhanced through such mechanisms as meetings, workshops, annual conferences/events, exchange of publicly available technical or market information, data and reports, and public webcasts.

**NOTE:** NYSERDA reserves the right to negotiate the project category, scope of work, budget, and funding levels on all awarded projects. Efforts requesting more than \$250,000 from NYSERDA shall be funded in phases separated by go/no-go milestones.

#### **IV. PROPOSAL EVALUATION**

Proposals that meet solicitation requirements will be reviewed by a Scoring Committee using the Evaluation Criteria below. At NYSERDA's discretion, proposers may be requested to interview with all or part of the Scoring Committee to address any potential questions or clarifications outlined in the proposals. Proposers will

be notified if they are requested to attend an interview.

Full Proposals will be reviewed by a Scoring Committee and will be scored and ranked according to the following criteria. After the submissions are reviewed, NYSERDA will issue a letter to each proposer indicating its Full Proposal evaluation results. Proposers receiving favorable evaluations will be invited to enter contract negotiations with NYSERDA. The proposer will be required to submit a detailed Statement of Work (See Attachment B), Budget (See Attachment D), and Schedule, and may also be asked to address specific contingencies and recommendations of the Scoring Committee before contract award.

## **FULL PROPOSAL SCORING CRITERIA:**

### **Proposed Solution/Scope**

- How significant is the problem or opportunity to New York State?
- Is the proposed work technically feasible, innovative, and superior to alternatives?
- How well does the proposed solution address the problem or opportunity?
- Are fundamental scientific principles well understood and clearly presented?
- How appropriate are the cost, technical, performance and commercialization goals for the proposed technology or product?
- Does the proposer exhibit an understanding of the state-of-the-art, competing products and alternative designs?
- If the proposed work is a follow-on project to a previously funded NYSERDA project, what was the outcome of the earlier project?
- Is the proposed project addressing a current challenge or opportunity that is not being addressed adequately by current industry practices and/or federal and/or other state research priorities and funding?
- Does the proposed solution have a high potential for commercialization, addressing demonstrated customer needs and significant markets?
- Does the proposed project demonstrate an effective strategy and strong potential for the project to lead to future use of the technology in New York?
- Does the proposed technology address market needs?

### Category C -Demonstration Projects:

- How significant is the demonstration opportunity to New York State?
- Is the proposed demonstration well-conceived, technically feasible, and superior to alternatives?
- What is the level of commitment of a New York State site?
- Does the proposal include a New York State demonstration site?
- Does the proposed technology have commercial applications at other New York State sites?
- Is an appropriate performance monitoring and data analysis effort included in the proposal?

### **Project Benefits**

- To what extent does the project support the Climate Leadership and Community Protection Act (CLCPA) goals, grid flexibility and modernization in general, the Clean Energy Standard, and the Clean Energy Fund goals in New York State?
- To what extent will there be economic benefits in New York State in the form of subsequent commercial activity and economic growth?
- How well are the potential benefits to New York State quantified?
- How likely is it that the projected benefits will be realized?
- Does the proposed project have favorable energy, efficiency, environmental and/or economic impacts in New York State? How significant are these impacts?



- Are the technical risks identified, appropriately addressed, and balanced by project benefits?

### **Business/Commercialization Plan**

- Is the proposed product or concept likely to be successful?
- Are there sufficient markets or needs for the concept/technology?
- How significant is the commercial potential of this technology?
- Are the business and commercialization or replication plans appropriate for the type of project and stage of development?
- How significant are the barriers to market entry?
- Does the proposer demonstrate a clear understanding of the steps required to overcome these barriers?
- Have customers been identified and consulted regarding the value of the technology or solution?"
- Is the value proposition of the technology well matched to the expressed needs of the customer segments being targeted?
- Does the proposal identify competing and alternate solutions, and clearly show why this product or concept is superior to, price competitive with, or provides value compared to alternative products or solutions?
- How well are the project tasks directed at identifying and fulfilling customer requirements? How far will execution of the work plan take the product to full commercialization?
- Would achievement of technical and business goals position the company to raise capital or realize revenue from the product before NYSERDA funding is exhausted?
- Does the proposed project enable collaboration with nongovernmental and industry entities for demonstration of technologies and research applications to successfully facilitate technology transfer, leading to robust technology development and subsequent scaling and market adoption?

### **Project Plan, Risks and Challenges - Statement of Work (See Attachment B) and Schedule**

- How appropriate are the technical, performance and commercialization goals for the proposed project?
- Do the proposed technical and performance goals adequately allow for measurement and verification of the success of the proposed project?
- Does the proposed strategy in the Statement of Work include technical and business development tasks and are those tasks likely to achieve the technical, performance and commercialization goals?
- Does the Statement of Work include an economic analysis of the technology based on performance measurements?
- Is the Statement of Work well organized, complete, and appropriate for the technical, performance and commercialization goals identified?
- How realistic is the schedule for achieving the goals of the proposed project?
- Is the proposed level of effort reasonable to complete the proposed project?
- Are the proposed milestones and tasks reasonable and complete in details?
- Are project risks and challenges identified with appropriate mitigation plans?
- Are the appropriate letters of support and/or commitments included in the proposal?

#### Category C - Demonstration projects:

- Are the data acquisition, monitoring, and reporting plans reasonable and do they meet the requirements in Section V of the Proposal Narrative, Additional Program Requirements for Category C Demonstration Projects Only?
- Are the benefits tracking plan reasonable and does it meet the requirements in Section V of the Proposal Narrative, Additional Program Requirements for Category C Demonstration

- Projects Only?
- If monitoring baseline utility system operation is necessary to document system benefits, does the Statement of Work include a provision to adequately gather baseline utility operational data?

### **Project Team/Support**

- Has the proposer provided evidence of being qualified to perform the proposed work based on the qualifications of the organization(s) and the involved individual(s)?
- Were resumes of key individuals included in the proposal?
- To what degree does the proposer and team have the necessary technical and business background and experience?
- Has the proposer provided evidence of good past performance on other relevant projects?
- Is the proposing team appropriately organized?
- Are staff allocations and responsibilities reasonable?
- Applicant has enabled the resources (human, financial and physical) to be able to complete the project?

### **Project Cost and Value**

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

**Other Program Policy Factors** – In addition to considering how project Full Proposals satisfy the Scoring Criteria listed above, NYSERDA reserves the right to make funding decisions based on the following Program Policy Factors:

1. Whether the proposed project will accelerate technology advances in areas that industry by itself is not likely to undertake.
2. The degree to which the proposed project optimizes the use of available funding, including project expenses that are in line with market, to achieve programmatic objective.
3. The past performance of the proposer on other technical and business endeavors, including NYSERDA and DOE, ARPA-E, NSF, (if the performance history is available).
4. The degree of NYSERDA portfolio balance/optimization. The project(s) balance(s) and enhances the NYSERDA portfolio in one or more of the following areas:
  - Technological diversity
  - Organizational diversity
  - Geographic diversity
  - Technical or commercialization risk
  - Stage of technology development
  - Complimentary efforts to balance risk

## **V. GENERAL CONDITIONS**

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

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

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

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

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

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

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx>. Proposers are required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility (this includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

**Tax Law Section 5-a** - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department.

The Department has created a second form that must be completed by a prospective contractor prior to contracting and filed with NYSERDA. See, ST-220-CA (available at

[http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf>.

**Contract Award** - NYSERDA anticipates making multiple milestone-based payment awards under this solicitation. NYSERDA anticipates a contract duration of up to three (3) years, unless NYSERDA management determines a different structure is more efficient based upon proposals received. A contract may be awarded based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each proposal should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Attachment F, Sample Agreement to contract successful proposals. NYSERDA may at its discretion elect to extend and/or add funds to any project funded through this solicitation. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the checklist questions. Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately 8 weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

**Accessibility Requirements** - NYSERDA requires contractors producing content intended to be posted to the Web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#).

**Limitation** - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Attachment F, Sample Agreement. NYSERDA reserves the right to disqualify proposers based upon the results of a background check into publicly available information or the presence of a material possibility of any reputational or legal risk in making of the award.

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

**Vendor Assurance of No Conflict of Interest or Detrimental Effect** - The proposer shall disclose any existing or contemplated relationship with any other person or entity, including any known relationships with any member, shareholders of 5% or more, parent, subsidiary, or affiliated firm, which would constitute an actual or potential conflict of interest or appearance of impropriety, relating to other clients/customers of the proposer or former officers and employees of NYSERDA, in connection with proposer's rendering services as proposed. If a conflict does or might exist, please describe how your company would eliminate or prevent it. Indicate what procedures will be followed to detect, notify NYSERDA of, and resolve any such conflicts.

The proposer must disclose whether it, or any of its members, or, to the best of its knowledge, shareholders of 5% or more, parents, affiliates, or subsidiaries, have been the subject of any investigation or disciplinary action by the New York State Commission on Public Integrity or its predecessor State entities (collectively, "Commission"), and if so, a brief description must be included indicating how any matter before the Commission was resolved or whether it remains unresolved.

**Public Officers Law** – For any resulting awards, the Contractor and its subcontractors shall not engage any person who is, or has been at any time, in the employ of the State to perform services in violation of the provisions of the New York Public Officers Law, other laws applicable to the service of State employees, and the rules, regulations, opinions, guidelines or policies promulgated or issued by the New York State Joint Commission on Public Ethics, or its predecessors (collectively, the "Ethics Requirements"). Proposers are reminded of the following Public Officers Law provision: contractors, consultants, vendors, and subcontractors may hire former NYSERDA employees. However, as a general rule and in accordance with New York Public Officers Law, former employees of NYSERDA may neither appear nor practice before NYSERDA, nor receive compensation for services rendered on a matter before NYSERDA, for a period of two years following their separation from NYSERDA service. In addition, former NYSERDA employees are subject to a "lifetime bar" from appearing before any state agency or authority or receiving compensation for services regarding any transaction in which they personally participated, or which was under their active consideration during their tenure with NYSERDA.

Any awardee will be required to certify that all of its employees, as well as employees of any subcontractor, whose subcontract is valued at \$100,000 or more who are former employees of the State and who are assigned to perform services under the resulting contract, shall be assigned in accordance with all Ethics Requirements. During the term of any agreement, no person who is employed by the contractor or its subcontractors and who is disqualified from providing services under the contract pursuant to any Ethics Requirements may share in any net revenues of the contractor or its subcontractors derived from the contract. NYSERDA may request that contractors provide it with whatever information the State deems appropriate about each such person's engagement, work cooperatively with the State to solicit advice from the New York State Joint Commission on Public Ethics, and, if deemed appropriate by the State, instruct any such person to seek the opinion of the New York State Joint Commission on Public Ethics. NYSERDA shall have the right to withdraw or withhold approval of any subcontractor if utilizing such subcontractor for any work performed would be in conflict with any of the Ethics Requirements. NYSERDA shall have the right to terminate any contract at any time if any work performed is in conflict with any of the Ethics Requirements.

**Due Diligence** – NYSERDA, at its discretion, may conduct broad due diligence to validate any or all elements of an application and to assess applicants' prospects of success, including gathering information to assess a proposal relative to any of the topics listed in evaluation criteria, whether or not such topic is explicitly addressed in a proposal. NYSERDA may conduct due diligence on some or all proposals based on NYSERDA's current guidelines at the time of a review. NYSERDA staff may follow up with proposers to request additional information or clarification regarding applicant's proposal, including questions regarding applicant's business prospects and resources, whether or not those questions are specifically related to the elements of the proposal. Additionally, customized due diligence may be conducted by internal or external staff or contractors based on questions on any proposal raised by NYSERDA staff and/or the Scoring Committee. Due diligence may include (but is not limited to): interviews of independent references and background checks of team members; assessment of prior business experience of any team member associated with a proposal; research on intellectual property claims; customer and partner reference checks; market research on the applicants' target market and any other related or possibly competitive technology or market area; research to validate any assumptions on current or future revenues, costs, capital needs, and financing prospects for proposers' business, including similar (or unrelated) technologies, processes, or competitive solutions; or any other research that could reasonably inform the evaluation of a proposal, or the prospects for commercial success of the proposers' business (whether directly related to, or unrelated to the specific elements in a proposal). Due diligence may include discussions with proposers' former and current business partners, employees, investors,

customers, and competitors. Due diligence may be conducted by NYSERDA personnel or contractors including members of the scoring committee, before, during, or after a scoring process, and prior to finalization of a contract award, any information gleaned in diligence may be used to score or re-score a proposal.

**Recoupment** - For any new product research and/or development, NYSERDA will generally require a royalty based on sales of the new product developed. NYSERDA's standard royalty terms are 1% of sales/ten percent (10%) of all license revenue accruing to the Contractor for products produced (for a period of fifteen years or until the Contractor pays NYSERDA an amount equal to the amount of funds paid by NYSERDA to the Contractor, whichever comes first).

### **Attachments**

- 1. Attachment A – Proposal Narrative Format**
- 2. Attachment B - Statement of Work Format**
- 3. Attachment C – TRL-CRL Calculator Workbook**
- 4. Attachment C1 – 3 Year Financial Projection Worksheet**
- 5. Attachment D – Budget Format**
- 6. Attachment E – Sample Metrics Form (Product Development)**
- 7. Attachment E1 – Sample Metrics Form (Demonstration)**
- 8. Attachment E2 – Sample Metrics Form (Info Dissemination)**
- 9. Attachment F - Sample Agreement**

## Just Transition Site Reuse Planning Program

Program Opportunity Notice (PON) 4563  
\$4,750,000 Available

*NYSERDA reserves the right to extend and/or add funding to the Solicitation should other program funding sources become available.*

Applications Accepted on a First-Come, First-Serve Basis until August 5th, 2024  
by 3:00 PM Eastern Time or until funds are exhausted\*

**Program Summary:** The Just Transition Site Reuse Planning Program is intended to advance New York State's goal of moving to a clean energy economy by assisting communities transitioning away from conventional energy infrastructure they have hosted over the past several decades, specifically fossil-fuel power plants. This includes supporting activities associated with site reuse planning to help communities spur diversified, 21<sup>st</sup> Century economic development and thrive in the move to a clean energy economy. Under PON 4563, NYSERDA is offering site reuse planning and technical support services to individual municipalities that are navigating power plant retirement and site reuse opportunities.

**How to Apply:** Applications will be accepted via email at [jtplanning@nyserda.ny.gov](mailto:jtplanning@nyserda.ny.gov). Incomplete or inaccurate applications will not be accepted. Faxed or mailed applications will not be accepted. Applications will not be accepted at any NYSERDA email address other than [jtplanning@nyserda.ny.gov](mailto:jtplanning@nyserda.ny.gov).

No communication intended to influence this procurement is permitted except by contacting Chris Reohr at (518) 862-1090, ext. 3363 or by e-mail [jtplanning@nyserda.ny.gov](mailto:jtplanning@nyserda.ny.gov) (for technical questions). If you have contractual questions concerning this solicitation, contact Elsyda Sheldon at (518) 862-1090, ext. 3232 or [ElsydaSolicitations@nyserda.ny.gov](mailto:ElsydaSolicitations@nyserda.ny.gov). Contacting anyone other than the Designated Contacts (either directly by the Applicant or indirectly through a lobbyist or other person acting on the Applicant's behalf) in an attempt to influence the procurement: (1) may result in an Applicant being deemed a non-responsible offeror, and (2) may result in the Applicant not being awarded a contract.

\* **All applications must be received by 3 p.m. E.S.T. on August 5, 2024.** Incomplete applications may be subject to disqualification. It is the applicant's responsibility to ensure that all pages have been included in the application. If changes are made to this solicitation, notification will be posted on the "Current Opportunities" section of NYSERDA's website (<https://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx>).

### DEFINITIONS

1. Applicant – Government entity who is formally requesting technical assistance from NYSERDA under this PON.
2. Project Liaison – The point of contact designated by the applicant(s) at the time of application who will be responsible for communication and coordination for tasks completed under PON 4563.
3. Steering Committee – A group of stakeholders selected by the applicant(s) who will meet regularly to review and provide feedback on deliverables.
4. Site Reuse Planning Contractor – The consultant team selected to complete the Scope of Work, as identified by applicant, subject to final approval by NYSERDA. A listing of pre-approved Site Reuse Planning Contractors is provided by NYSERDA at time of application.

5. Toolkit Contractor – A consultant tasked with collecting information and conducting research to aid in the development of site reuse planning deliverables.

## I. INTRODUCTION

With New York's move to cleaner forms of energy well underway as part of the Climate Leadership and Community Protection Act (CLCPA), the State is taking proactive steps to assist communities (County, City, Town or Village) in their planning for the transition away from conventional energy infrastructure they have hosted over the past several decades, specifically fossil-fuel power plants. NYSERDA will aid this effort by providing a network of site reuse planning Site Reuse Planning Contractors to assist municipalities in overcoming challenges posed by the retirements of fossil-fuel power plants. In addition, NYSERDA is developing a Site Reuse Toolkit, supported by a site reuse toolkit development contractor procured by NYSERDA, to further aid communities in navigating site reuse and to facilitate productive new uses for retiring infrastructure. Through PON 4563, NYSERDA is offering site reuse planning and technical support services to individual municipalities that are navigating power plant retirement and site reuse opportunities.

## II. PROGRAM REQUIREMENTS

### Applicant Eligibility:

- Applicant must be County, City, Town or Village that is home to a fossil-fuel power plant that has been decommissioned within the last five (5) years, is currently being decommissioned, or has confirmed its plans to retire and deactivate by a certain date in the future. Applicants that are home to other operating fossil fuel facilities that commenced operations prior to 1990 will also be considered. Note, however, that each application must be made pursuant to a single fossil-fuel power plant facility, rather than for multiple facilities that may be located in a single municipality.
- Applicants should be the level of government with land use/regulatory authority of the power plant site, or a partnership between levels of government with vested interests in the site reuse (land use/regulatory authority may include property ownership or regulatory controls, such as the ability to implement zoning and land use regulations specific to the power plant site). Applications that are being submitted on behalf of a partnership must include the primary applicant (e.g., a county applying on behalf of a town that has land use/regulatory authority over the power plant site) and letters of support from partnering levels of government.

### Applicant Requirements and Responsibilities:

- Applicant must identify and commit a qualified staff resource to serve as the Project Liaison for the duration of the planning process. The Project Liaison will be expected to dedicate approximately 2-10 hours/week to support the planning process. Level of commitment will vary based on the status and phase of the planning effort. The Project Liaison will be responsible for providing information and Site Reuse Plan deliverables feedback to NYSERDA and the Site Reuse Planning Contractor in a timely fashion.
- Details of response time will be outlined in the Project Task Work Order. The Project Task Work Order will contain Go/No-Go decision points and outline responsibilities for the applicant and the Site Reuse Planning Contractor. A stop work order will be enforced if requirements and responsibilities of either party are not fulfilled.
- With NYSERDA approval, the Project Liaison shall identify and solicit members to participate on a Steering Committee and facilitate routine meetings. Members of the Steering Committee shall be identified by the applicant and will be responsible for the review and feedback of deliverables produced by the Site Reuse Planning Contractors. Appropriate members of a Steering Committee may include, for example, municipal staff, elected officials, economic development executives, workforce development representatives, community-based organizations, or others as deemed appropriate by NYSERDA.
- Project Liaison shall coordinate site activities related to site access to the power plant site. It is preferred that Site Reuse Planning Contractors be provided site access to the power plant site; however, this is not required as part of this PON.



### **Available Funding:**

Each applicant is eligible for up to \$150,000 in technical services, dependent on the scope of work identified in the application and determined in conjunction with NYSERDA and the selected Site Reuse Planning Contractor. Refer to Attachment A - Application for additional information.

Applicants may be eligible for one Disadvantaged Community (DAC) community support adder, up to \$10,000 in additional technical support, to advance planning efforts critical to addressing community needs. To access these additional services, the Applicant must have a DAC in their municipality, as defined on an interim basis as of the time of application. A lookup tool of NYS Disadvantaged Communities is available at <https://www.nyserda.ny.gov/ny/disadvantaged-communities> and eligibility is subject to NYSERDA verification. If eligible, the bonus amount will be added to the applicant's funding eligibility and must be utilized to address or provide a number of baseline services, as described further below.

### **Description of Services**

NYSERDA has procured the services of a network of Site Reuse Planning Contractors to provide site reuse planning assistance to eligible applicants. NYSERDA will provide 100% of the site reuse planning costs as defined below, with no cost share required by the applicant. In consultation with NYSERDA, approved applicants will request, for NYSERDA approval, a Site Reuse Planning Contractor based on, but not exclusively determined by, regional location, expertise, and applicant needs. The scope of services to be provided by the Site Reuse Planning Contractor in developing the applicant's Site Reuse Plan may include some, or all, of the following elements, based on needs and other planning activities undertaken by the applicant. Site reuse may not include site reuse for crypto-currency mining.

The following listed tasks, which represent the baseline planning criteria through this PON, shall be completed prior to advanced services unless otherwise approved by NYSERDA. If an applicant has completed one or more tasks from the below list, it may request funding for only those elements that are needed or request subsequent follow-on activities. The baseline criteria to be undertaken by the applicant include:

#### **Baseline planning tasks:**

- *Evaluation of Existing Site:* Preparation of a current condition narrative and map(s) to assess the site's environmental conditions (Phase I Environmental Site Assessment [ESA]), ecological review, existing land use and land use controls, adjoining land uses, ownership of site and adjoining parcels, permanent easement to extent known, existing transportation (on site and access to site), existing public and private utilities (location, size, capacity, age to the extent available), existing structures, topography, unique site features (e.g., shoreline), and regional site context and narrative of facility use and operation setting.
- *Economic Analysis:* Conducting an Economic Baseline Condition Analysis, which is likely to include an examination of industry, employment, and real estate trends on a local and regional level. This may include an independent analysis of projected tax revenue impacts from the closing of the plant and potential offsetting revenue enhancements or budget reductions that are or could be available to the town commensurate with the loss of revenue. Providing an independent analysis of potential jobs created and eliminated under different reuse scenarios, including economic growth, associated (or related) workforce opportunities with a focus on current/former employees of the power plant, and a consideration of impacts and opportunities for disadvantaged communities.
- *Stakeholder Input:* Supporting community engagement by identifying and potentially supporting strategies for community engagement, stakeholder analysis, community surveys, public meetings, and other various methods for information sharing and feedback collection.

- *Alternative Reuse Plans:* Identifying and developing several reuse strategies for the site including opportunities and challenges associated with each strategy, a technical/financial feasibility analysis of each strategy, and the economic and fiscal impacts that each recommended strategy would have on the community. These strategies should include but not be limited to the opportunities for site reuse identified by New York's Just Transition Working Group, as presented to the Climate Action Council on April 12, 2021 (<https://climate.ny.gov/Climate-Action-Council/Meetings-and-Materials>).
- *Demolition and Abatement:* Preparing a narrative to describe issues which must be addressed, and outline all assumptions made as part of a demolition and abatement strategy.
- *Public Health Impacts:* Providing an assessment or report on the anticipated public health impacts for the site reuse development strategy included in the Site Reuse Plan including an analysis of current conditions (or conditions during the most recent period of facility activity) to serve as a baseline for comparison.
- *Recommended Actions & Timeline:* Providing a market-responsive path forward to move the site towards successful redevelopment as a viable business or community enterprise.

### **Pre-Development Activities:**

For those applicants who have completed the baseline planning tasks listed above, technical assistance through this PON is available to support further pre-development work to assist the applicant in achieving more advanced community revitalization goals. The following are examples of pre-development activities eligible under this PON in instances when baseline planning work has been completed. Activities should be relevant to the site:

- *Detailed Infrastructure Assessment:* Assessments may include electrical interconnection analyses/costs, utility location and conditions, etc.
- *Phase 2 Environmental Site Assessment:* Assessment to evaluate the presence, or absence of, environmental contamination and environmental substances within the site's surface or subsurface.
- *Development of Marketing Collateral:* Collateral may include the development of promotional sell sheets, identification signage, and/or website development to assist with the advancement of the site's redevelopment.
- *Site Planning:* Development of conceptual engineering or architectural plans to facilitate future site improvements.
- *Workforce Development Strategies:* Creation of policies and/or programs to promote job opportunities and enhance access to job training, with a focus on displaced workers and local community members seeking access to the workforce.
- *Non-Site-Specific Community Revitalization Strategies:* Development of revitalization programs or plans to support enhanced resident quality of life and economic development opportunities in the larger community. Examples of non-site-specific community revitalization strategies could include supply chain opportunities, higher education or organization partnerships and opportunities, or leveraging of off-site community assets or properties.
- *Tailored Public Engagement Methods:* Development and execution of enhanced community outreach methods to ensure all community members are adequately represented and engaged in the planning process. Examples of activities may include site tours, neighborhood-based outreach, pop-up events, volunteer recruitment, and enhanced virtual engagement.
- Others as determined through the initial baseline planning process.

## Services and Tasks for the DAC Community Support Adder Funding:

Applicants that have a DAC in their municipality are also eligible for an additional \$10,000 to complete any of the following activities that are targeted to DAC areas of the community:

- *Workforce Development Strategies:* Creation of policies and/or programs to promote job opportunities and enhance access to job training in DAC areas, with a focus on displaced workers and local community members seeking access to the workforce.
- *Non-Site-Specific Community Revitalization Strategies:* Development of revitalization programs or plans to support enhanced resident quality of life and economic development opportunities in the DAC areas. Examples of non-site-specific community revitalization strategies could include supply chain opportunities, higher education or organization partnerships and opportunities, or leveraging of off-site community assets or properties.
- *Tailored Public Engagement Methods:* Development and execution of expanded community outreach methods in DAC areas to ensure all community members are adequately represented and engaged in the planning process. Examples of activities may include site tours, neighborhood-based outreach, pop-up events, volunteer recruitment, and enhanced virtual engagement.
- Other DAC related efforts as determined eligible by NYSERDA.

### III. APPLICATION REQUIREMENTS

Please complete the Application found in Attachment A and submit the Application in accordance with the instructions on the front page of this PON.

Applications will be processed in the order in which they are received. All applications will be reviewed for eligibility and accepted or rejected at NYSERDA's discretion. The applicant will be notified upon acceptance of their application.

As detailed further in **Attachment A - Application**, applicants will identify their top three choices for Site Reuse Planning Contractor selection. NYSERDA will consider the applicant's request when selecting a Site Reuse Planning Contractor. Each applicant will be notified of their selected Technical Assistance Contractor following the application approval. NYSERDA will enter into a third-party agreement between NYSERDA, the Site Reuse Planning Contractor and the applicant. NYSERDA will pay the Site Reuse Planning Contractor fees directly to the Contractor for the Site Reuse Plan Technical Assistance services.

### IV. GENERAL CONDITIONS

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

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

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

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

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

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

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx> . Applicants are required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility (this includes a disclosure statement regarding whether the applicant has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

**Tax Law Section 5-a** - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department.

The Department has created a second form that must be completed by a prospective contractor prior to contracting and filed with NYSERDA. See, ST-220-CA (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf> .

**Limitation** - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing an application, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all applications received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to disqualify applications based upon the results of a background check into publicly available information or the presence of a material possibility of any reputational or legal risk in making of the award.

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

**Vendor Assurance of No Conflict of Interest or Detrimental Effect** - The applicant shall disclose any existing or contemplated relationship with any other person or entity, including any known relationships with any member, shareholders of 5% or more, parent, subsidiary, or affiliated firm, which would constitute an actual or potential conflict of interest or appearance of impropriety, relating to other clients/customers of the applicant or former officers and employees of NYSERDA, in connection with applicant's rendering services as proposed. If a conflict does or might exist, please describe how your company would eliminate or prevent it. Indicate what procedures will be followed to detect, notify NYSERDA of, and resolve any such conflicts.

The proposer must disclose whether it, or any of its members, or, to the best of its knowledge, shareholders of 5% or more, parents, affiliates, or subsidiaries, have been the subject of any investigation or disciplinary action by the New York State Commission on Public Integrity or its predecessor State entities (collectively, "Commission"), and if so, a brief description must be included indicating how any matter before the Commission was resolved or whether it remains unresolved.

**Public Officers Law** – For any resulting awards, the Contractor and its subcontractors shall not engage any person who is, or has been at any time, in the employ of the State to perform services in violation of the provisions of the New York Public Officers Law, other laws applicable to the service of State employees, and the rules, regulations, opinions, guidelines or policies promulgated or issued by the New York State Joint Commission on Public Ethics, or its predecessors (collectively, the "Ethics Requirements"). Applicants are reminded of the following Public Officers Law provision: contractors, consultants, vendors, and subcontractors may hire former NYSERDA employees. However, as a general rule and in accordance with New York Public Officers Law, former employees of NYSERDA may neither appear nor practice before NYSERDA, nor receive compensation for services rendered on a matter before NYSERDA, for a period of two years following their separation from NYSERDA service. In addition, former NYSERDA employees are subject to a "lifetime bar" from appearing before any state agency or authority or receiving compensation for services regarding any transaction in which they personally participated, or which was under their active consideration during their tenure with NYSERDA.

Any awardee will be required to certify that all of its employees, as well as employees of any subcontractor, whose subcontract is valued at \$100,000 or more who are former employees of the State and who are assigned to perform services under the resulting contract, shall be assigned in accordance with all Ethics Requirements. During the term of any agreement, no person who is employed by the contractor or its subcontractors and who is disqualified from providing services under the contract pursuant to any Ethics Requirements may share in any net revenues of the contractor or its subcontractors derived from the contract. NYSERDA may request that contractors provide it with whatever information the State deems appropriate about each such person's engagement, work cooperatively with the State to solicit advice from the New York State Joint Commission on Public Ethics, and, if deemed appropriate by the State, instruct any such person to seek the opinion of the New York State Joint Commission on Public Ethics. NYSERDA shall have the right to withdraw or withhold approval of any subcontractor if utilizing such subcontractor for any work performed would be in conflict with any of the Ethics Requirements. NYSERDA shall have the right to terminate any contract at any time if any work performed is in conflict with any of the Ethics Requirements

**Attachments:**

Attachment A – Application



Carbontech Development Initiative  
Program Opportunity Notice PON 4685  
**\$10,000,000 Available**

*NYSERDA reserves the right to extend and/or add funding to the Solicitation should other program funding sources become available.*

Proposals Due: June 14, 2021 by 3:00 p.m. Eastern Time

## **Program Summary**

This New York State Energy Research and Development Authority (NYSERDA) Program Opportunity Notice (PON) 4685, the Carbontech Development Initiative, seeks proposals to catalyze the establishment of a nation-leading carbontech innovation and commercialization program in New York State. This PON will make funding available for an entity headquartered in New York State that is capable of supporting New York in building a world class, self-sustaining hub for carbontech innovation, research, and product commercialization in the State. This program will fund an eligible organization to conduct its own carbontech research and to administer grants to eligible innovators outside its organization for research, technology transfer, and commercialization in the carbontech space. NYSEDA will provide anchor funding for, and partnership to, the selected PON awardee. NYSEDA will collaborate with the awardee to design programming, secure private and public program funding, and to ensure the success of program grantees and beneficiaries as they advance and commercialize their innovative carbontech solutions. NYSEDA seeks proposals from eligible entities for whom up to \$10,000,000.00 program funding is available to set up the Carbontech Development Initiative program, administer its activities, and ensure its long-term continued operation. The selected awardee will enter a contract with NYSEDA for a term of four years. All, some, or none, of the available funds may be awarded. NYSEDA reserves the right to add or reduce time and/or funding to awarded contracts.

**Proposal Submission:** Online submission is preferable. Proposers may submit Word, Excel, or PDF files (file formats include csv, doc, docx, gif, jpeg, jpg, pdf, png, ppt, pptx, pps, ppsx, tif, txt, xls,xlsx, and zip). Individual files should be 100MB or less in file size. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility. Files should not be scanned. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. NYSEDA will also accept proposals by mail or hand-delivery if online submission is not possible. For detailed instructions on how to submit a proposal (online or paper submission), click the link "[Application Instructions and Portal Training Guide](#) [PDF]" located in the "Current Opportunities" section of NYSEDA's website (<https://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx>).

No communication intended to influence this procurement is permitted except by contacting Katie MacDonald (Designated Contact) at (518) 862-1090, ext. 3016 or by e-mail



carbontech4685@nyserda.ny.gov. If you have contractual questions concerning this solicitation, contact Venice Forbes (Designated Contact) at (518) 862-1090, ext. 3507 or venicesolicitations@nyserda.ny.gov. Contacting anyone other than the Designated Contacts (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offeror, and (2) may result in the proposer not being awarded a contract.

**\* All proposals must be received by 3 p.m. Eastern Time on the date noted above. Late, faxed, or emailed proposals will not be accepted.** Incomplete proposals may be subject to disqualification. It is the proposer's responsibility to ensure that all pages have been included in the proposal. Please note: for online submission, there are required questions that you will have to answer in addition to uploading attachments and you should allot at least 60 minutes to enter/submit proposals. The online proposal system closes promptly at 3 p.m. Eastern Time, files in process or attempted edits or submission after 3 p.m. Eastern Time on the date above, will not be accepted. If changes are made to this solicitation, notification will be posted on the "Current Opportunities" section of NYSERDA's website (<https://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx>).

## I. INTRODUCTION

The Carbontech Development Initiative program envisions a collaboration between academia, private businesses, and the public sector to drive the creation of a thriving carbontech innovation ecosystem in New York State for the commercialization of carbontech technologies that capture or convert carbon dioxide (CO<sub>2</sub>) into valuable end products or services. This program will position New York State to lead the nation in the commercialization of carbontech research and will position the State to take advantage of the over \$1 trillion total available market for carbontech in the U.S. alone and a nearly \$6 trillion market globally.<sup>1</sup> New York State recognizes the role for carbontech in the context of its nation-leading climate legislation and seeks to develop a first of a kind 'carbontech valley' in New York as a global anchor point for the research, development, and commercialization of carbontech products to meet the world's growing need for carbon capture, utilization, and storage solutions.

The Federal government has indicated plans to invest in carbon capture, carbontech, and carbon removal, making New York's creation of the Carbontech Development Initiative timely from the perspective of state and federal collaboration in this sector. Many large philanthropic organizations have also expressed interest in funding carbontech work, including Elon Musk with his recently announced \$100 million carbon removal prize being administered by the X Prize Foundation and Bill Gates with his recent announcement of \$1 billion raised for climate innovation projects including negative emissions technologies. The IPCC has indicated that to limit global warming to 1.5 degrees Celsius, affordable carbon capture solutions will be indispensable.<sup>2</sup> Independent analysis contracted by New York's Climate Action Council articulated that

<sup>1</sup> Jacobson, R. & Lucas, M. A Review of Global and U.S. Total Available Markets for Carbontech.

<sup>2</sup> de Coninck, H., A. Revi, M. Babiker, P. Bertoldi, M. Buckeridge, A. Cartwright, W. Dong, J. Ford, S. Fuss, J.-C. Hourcade, D. Ley, R. Mechler, P. Newman, A. Revokatova, S. Schultz, L. Steg, and T. Sugiyama, 2018: Strengthening and Implementing the Global Response. In: *Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty* [Masson-Delmotte, V., P. Zhai, H.-O. Pörtner, D. Roberts, J. Skea, P.R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J.B.R. Matthews, Y. Chen, X. Zhou, M.I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, and T. Waterfield (eds.)]. In Press.



over 15% of New York's emissions will require negative emissions (or carbon removal) to neutralize.<sup>3</sup> NYSERDA seeks a Program Administrator capable of collaborating with the State to secure federal and other funds to ensure New York becomes a nation-leading hub for this sector as it grows.

NYSERDA's core objectives for the Carbontech Development Initiative Program Administrator are as follows:

- Act as an ecosystem leader and convener for academic stakeholders, investors, industry representatives, public sector representatives, and other entities advancing the carbontech sector in New York and across the country.
- Deploy grants to advance carbontech innovations from laboratory to market.
- Contribute to the advancement of the carbontech sector through research and commercialization activities.

#### **Definitions:**

- **Carbontech:** An emerging sector that describes products that capture, transport, and convert different forms of waste carbon into a diverse array of valued products and services in a climate-beneficial way. NYSERDA's definition of carbontech excludes any products or services that increase the emission of greenhouse gases, emit substantial greenhouse gases or other environmental pollutants through operation. Carbontech represents a diverse set of technologies, some of which will be essential to meeting Climate Leadership and Community Protection Act (CLCPA) goals affordably.
- **Program Administrator:** An entity headquartered in New York State that will, alongside NYSERDA, co-develop and operate a nation-leading program and will commit to promoting the State as a national leader in carbontech innovation. The Program Administrator will manage and execute all research, technology transfer, commercialization, industry outreach, communications, and other activities (as listed in the Services Requested section of the PON).
- **External Funding Opportunities:** Grant opportunities administered by the Program Administrator pursuant to its agreement with NYSERDA are only available to external applicants outside the Program Administrator's organization. Employees, agents, contractors, consultants, joint ventures, board members, affiliates, or advisors of the Program Administrator will not be eligible to receive these funds.
- **Internal Funding Opportunities:** The Program Administrator will be awarded funds to support carbontech within their organization in New York. This grant represents up to \$1,500,000.00 in funding for research and commercialization activities.
- **Cost Share:** Cash or in-kind contributions from the proposer and/or other private or public sources. We expect serious proposers to provide substantial cash alongside in-

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<sup>3</sup> E3. New York State Decarbonization Pathways Analysis Summary of Draft Findings. (2020).



kind cost share. Cash is the preferred form of cost share. Contributions of direct labor (for which the laborer is paid as an employee) and purchased materials may be considered "cash" contributions. See the Cost Share Requirements section of the PON for additional requirements. NYSERDA will not fund efforts that have already been undertaken. The proposing team cannot claim as cost share any expenses that have already been incurred.

- Direct Expenses: Funds that will be applied to research, external funding opportunities, and industry outreach. Direct funds do not include overhead, administrative costs, or other operational costs ('Indirect Expenses') required to administer the Carbontech Development Initiative services.
- Indirect Expenses: Expenses related to administrative costs, overhead, and/or any other expenses requested to deliver the Services Requested in this PON that are not 'Direct Expenses.'
- New York Headquarters: The Program Administrator must be headquartered in New York, which requires that the executive management team is located in New York State and a majority of the Program Administrator's physical facilities and key managerial and support staff are located in New York State.
- Demonstrated Benefit to New York State: Business or related activity that companies are involved with in New York State. Examples of activities that represent a "Demonstrated Benefit to New York State" include:
  - Having some portion of an organization's workforce (beyond at least one employee), such as research and development, manufacturing, and/or sales, based in New York State; and/or
  - Benefiting supply chain partners, vendors, investors, and/or service providers in New York State; and/or
  - Having an addressable market of current or future customers within New York State.

## **II. PROGRAM REQUIREMENTS**

### **A. Opportunity Summary**

The awardee of this PON, or Program Administrator, will be tasked with leading the development and activities of the Carbontech Development Initiative. Up to \$10,000,000.00 is available to fund this effort.

NYSERDA will play a hands-on role in developing all program plans with the Program Administrator and anticipates frequent communication (potentially weekly). In addition to providing perspectives, input, and serving in multiple program governance capacities, NYSERDA will play an active role to support the Program Administrator as it raises cost share for the program. The minimum cost share required is \$5,500,000.00.

NYSERDA intends for this program to be self-sustaining in the long term, for at least three years in addition to NYSERDA's three years of funding and will work with the Program



Administrator to ensure that adequate fundraising and governance processes are implemented to achieve this goal.

#### B. Available Funding, Awards, and Terms

NYSERDA seeks proposals for up to \$10,000,000.00 over a three-year period. NYSERDA reserves the right to add or reduce time and/or funding to awarded contracts. Proposers can propose use of funds for any activities related to the 'Services Requested' under Section D of this PON, but NYSERDA requires that at least 82.5% of the budget go towards direct expenses (vs. indirect expenses).

Proposers must propose a scope of work that outlines how they will structure activities to facilitate the largest program impact possible (see 'Program Impact' Section E below details). Proposers must propose a plan to meet the cost share requirements of this PON and a plan for the financial sustainability of the program for at least three years in addition to NYSERDA's three years of funding. Proposers must demonstrate how they plan to achieve program impact outcomes by leveraging NYSERDA funding plus cost share based on their projected cost share plans.

Awardees will remain under contract with NYSERDA for four years, one year after NYSERDA funding completes, in order to allow NYSERDA to ensure the ongoing operation and sustainability of the Carbontech Development Initiative. During the final year of the contract (year four) the awardee will be required to fund operation of the program at the average annual rate, at minimum, of the first three years of the program. During this period NYSERDA will not be a financial contributor but will remain in a governance role.

#### C. Eligibility and Proposer Qualifications

##### *Eligibility Criteria*

The following eligibility criteria must be met in order for the proposal to be evaluated and scored:

- Program Administrator Definition: The proposer must comport with the definition of Program Administrator in the section above.
- Satisfactory performance on NYSERDA projects: The proposer must be in good standing with respect to all requirements of past or current NYSERDA projects, if any, including the delivery of required reporting and recoupment.

##### *Key Qualifications for Proposers*

- Staff Expertise in Carbontech: The Program Administrator must have existing staff with expertise in carbontech, carbon management solutions, and/or innovations for carbon removal. Preference will be given to organizations with a higher number of staff with direct carbontech experience and a higher number of years of experience in carbontech.
- Carbontech Research Capacity: The Program Administrator must have an established research capacity for carbontech, carbon management, and/or carbon

removal, including laboratory and research facilities. 'Nationally-recognized' is here defined as having ongoing, unique, and renowned carbontech research activities that have been awarded Federal funds. Proposers must demonstrate that their organization is committed to the carbontech sector and must demonstrate plans to allocate academic and other resources to the field going forward.

- Technology Transfer Programs: The Program Administrator must have a successful, third-party recognized, track record of executing technology transfer programs and must demonstrate existing, successful, lab-to-market-oriented technology transfer activities such as programs that help researchers to commercialize technology solutions. The Program Administrator must be able to demonstrate a clear path from NYSERDA research funding to commercialization of products and services in the market.
- Leadership and Vision: The proposer must demonstrate leadership both in terms of their existing staff and research in this sector, but also by describing their demonstrated commitment to advancing the field nationally and/or globally through other coalition activities, advisory capacities, memberships, and/or leadership roles within the sector.
- Fundraising Track Record: The Program Administrator should demonstrate a track record of having successfully secured Federal grants to support research into carbontech, carbon management solutions, and/or carbon removal in the past. The proposer must also demonstrate a track record of having raised significant funds to support their ability to administer programs and cover indirect expenses.
- Organizational Commitment: The Program Administrator must demonstrate that their organization will make this program a priority and must submit credible plans for how they will ensure the Carbontech Development Initiative continues to operate for at least three years in addition to NYSERDA's three years of funding by presenting a strategy for financial sustainability that indicates financial independence from NYSERDA in year four of the program and by meeting the cost share requirements in Section F.

#### D. Services Requested

The following activities will be core to the Carbontech Development Initiative Program Administrator's contracted activities under this PON:

- Create a National Carbontech Program: The Program Administrator will be expected to develop strategies to make its organization and New York national leaders in carbontech. The Program Administrator must increase the visibility of carbontech research, invite additional organizations, states, universities, funders, and other partners to participate, and to ensure the financial sustainability of the program without NYSERDA's funds after year three of the program.
- Fund Carbontech Research and Commercialization: The Program Administrator proposer will be invited to propose a use of funds that addresses both the Program Impact areas stated in this PON as well as major gaps the proposer sees in the

carbontech research and commercialization spaces. These funds are intended to have a substantive impact on advancing carbontech research, technology transfer, and commercialization activities, as outlined in the paragraphs below:

- Categories of Interest:
  - Research to Proof of Concept: NYSERDA is interested in grants that can bridge the gap from TRL 1 (basic technology research) to TRL 3 (proof of concept).
  - Technology Transfer: NYSERDA is interested in grants that can substantively increase the likelihood and efficiency of technology commercialization from laboratory to market.
  - Catalytic Grants: NYSERDA is interested in grants that can accelerate research and technology transfer outcomes by catalyzing other funds into carbontech research.
  - Commercialization Support: NYSERDA is interested in grants that can facilitate technical validation, product-market fit, and other resources that can bring solutions to commercial readiness.
- External Funding Opportunities: The Program Administrator will be awarded funds to run independent competitive grant solicitation processes for third parties and to administer grants. As part of this application, the proposer must demonstrate a compelling proposal for how these funds will be used to enable favorable outcomes as outlined in the 'Program Impact' section of this PON. At least \$6,500,000.00 of the \$10,000,000.00 NYSERDA available funds must be allocated to these external Carbontech Funding Opportunities. Employees, agents, contractors, consultants, joint ventures, board members, affiliates, or advisors of the Program Administrator are not eligible for External Funding Opportunities.
- Internal Funding Opportunities: The Program Administrator will be awarded funds, not to exceed \$1,500,000.00 over three years, to support carbontech research and commercialization within their organization. As part of this application, the proposer must present evidence of an established and nationally recognized research capacity for carbontech, carbon management, and/or carbon removal including laboratory and research facilities. Employees, agents, contractors, consultants, joint ventures, board members, affiliates, or advisors of the Program Administrator are eligible for Internal Funding Opportunities.
- Execute Industry Outreach: The Program Administrator will develop and execute a stakeholder engagement strategy to attract co-funders to the program, increase the reach and network of the Carbontech Development Initiative, attract top talent, and collect and share industry best practices and opportunities. Up to \$250,000.00 can be applied towards this activity area. Potential activities of interest to NYSERDA include:

- Events and Convenings: Events and meetings to facilitate public, private, and academic collaboration to advance the carbotech sector. These events must be hosted in New York and accessible to an international audience. These events would be for the purpose of strengthening the carbotech ecosystem and the Program Administrator and New York's role within it.
- Online Hub: The creation of a web page and communications platform to disseminate valuable information about the Carbotech Development Initiative, general advancements in the sector, industry news, and program funding opportunities for potential awardees (including information on Federal grant and private industry collaboration opportunities). The goal of this Online Hub would be to facilitate the development and coordination of a carbotech ecosystem and accelerate technological and industry progress.

#### E. Program Impact

NYSERDA invests funds with the goal of realizing climate impact. NYSERDA is interested in working with a Program Administrator capable of maximizing NYSERDA investment to ensure impact in the following areas:

- Greenhouse Gas (GHG) Impact: NYSERDA seeks to support the commercialization of solutions that have a high emissions reduction potential (ERP) and a realistic path to market impact on a timeline that is material to addressing the climate crisis and the goals of the CLCPA. NYSERDA will work with the Program Administrator to identify an appropriate framework for calculating ERP for grant applicants. Proposers should provide insight into any experience they have evaluating the GHG ERP of solutions in the past and, most importantly, how they have supported the development of solutions that reduce emissions.
- Product Commercialization: The goal of this program is to support commercialization of products along their path to broad adoption and substantial carbon impact at a State and national scale. The goal is not to support basic research without a clear path to commercialization. NYSERDA is looking to partner with an organization capable of expediting lab-to-market activities for carbotech innovators. As an outcome of this program, NYSERDA expects the Carbotech Development Initiative will generate jobs as well as viable companies formed around innovative carbotech solutions.
- Demonstrated Benefit to New York: Based on the definition above, NYSERDA is interested in supporting programs that launch solutions capable of delivering benefit to New York. Proposers should outline how this program and its constituent parts will generate economic benefit to New York and support the development of a carbotech ecosystem in the State. All awardees under the Internal Funding Opportunities and External Funding Opportunities activities must have a demonstrated benefit to New York.
- Leverage: Proposers must outline how they plan to achieve a strong leverage ratio on NYSERDA's capital. NYSERDA calculates leverage by the following equation:



- Leverage Rate = [Non-NYSERDA funding (3<sup>rd</sup> Party Investments, Non-NYSERDA Grants, and Cost Share) + NYSERDA funding] / NYSERDA-funding : 1

**F. Scope of Work Requirements**

- **Timeline:** The Program Administrator contract will be for a total duration of four years from the time of execution. NYSERDA will work with the Program Administrator to design an ambitious schedule for the deployment of funding. The proposer’s proposed scope of work must reflect all of NYSERDA funds being spent within a three-year period.
- **Ambitious and Achievable Execution Plan:** NYSERDA will review proposers and score them based on how ambitious their spending plan and scope of work is. In order to demonstrate what an ambitious spending plan might look like, NYSERDA has outlined example program phases and key performance milestones in the table below. All spending plans submitted by a proposer must reflect the Budget Table below. Proposers must submit a scope of work in Attachment A that reflects the following attributes exemplified in this example table:
  - **Cost Share:** An ambitious schedule for securing the total minimum cost share.
  - **External Funding Opportunities:** An ambitious schedule for awarding funds to grantees outside their institution.
  - **Industry Outreach:** An ambitious schedule for creating and funding industry outreach activities.
  - **Internal Research Grant:** A reasonable schedule for spending dollars awarded for internal research.
  - **Indirect Expenses:** A reasonable spending plan for utilizing funds for indirect expenses.
- **Contract Negotiation:** All proposed milestones and timeline expectations in the proposer’s submitted scope of work can be subject to negotiation and adjustment during the contract negotiation process with NYSERDA.

*Example Program Schedule*

The following table provides an example schedule for this program. All scope of work elements including cost share, milestones, and associated timelines will be negotiated with the Program Administrator during the NYSERDA contracting process.

Program Phase	A. Key Performance Milestones*	B. Funds Made Available through completion of Key Performance Milestones
<b>0</b>	<ul style="list-style-type: none"> <li>• <b>Cost share:</b> NA</li> <li>• <b>External funding opportunities:</b> NA</li> <li>• <b>Other:</b> NA</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Internal research grant:</b> NA</li> <li>• <b>Indirect expenses:</b> NA</li> </ul>
<b>1</b> Month 1	<ul style="list-style-type: none"> <li>• <b>Cost share:</b> NA</li> <li>• <b>External funding opportunities:</b> NA</li> <li>• <b>Other:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Internal research grant:</b> NA</li> <li>• <b>Indirect expenses:</b> \$250,000.00 made available to Program Administrator</li> </ul>



	<ul style="list-style-type: none"> <li>○ Initial long-term strategy for financial sustainability</li> </ul>	
<p><b>2</b> Months 2 – 6</p>	<ul style="list-style-type: none"> <li>● <b>Cost share:</b> \$2,500,000.00 due**</li> <li>● <b>External funding opportunities:</b> NA</li> <li>● <b>Other:</b> <ul style="list-style-type: none"> <li>○ Initial staff hired</li> <li>○ Independent Scoring Board selected (with at least 10 expert members agreed upon by NYSERDA)</li> <li>○ Scoring process development completed with NYSERDA</li> <li>○ Updated long-term strategy for financial sustainability</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● <b>Internal research grant:</b> NA</li> <li>● <b>Indirect expenses:</b> \$650,000.00 made available to Program Administrator</li> </ul>
<p><b>3</b> Months 7 – 18</p>	<ul style="list-style-type: none"> <li>● <b>Cost share:</b> \$1,250,000.00 due</li> <li>● <b>External funding opportunities:</b> \$2,200,000.00 required to be awarded by Program Administrator</li> <li>● <b>Other:</b> <ul style="list-style-type: none"> <li>○ At least 10 corporate partners secured as partners of the Carbotech Development Initiative</li> <li>○ Updated long-term strategy for financial sustainability</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● <b>Internal research grant:</b> \$500,000.00 made available to Program Administrator</li> <li>● <b>Indirect expenses:</b> \$400,000.00 made available to Program Administrator</li> </ul>
<p><b>4</b> Months 19 – 27</p>	<ul style="list-style-type: none"> <li>● <b>Cost share:</b> \$1,750,000.00 due</li> <li>● <b>External funding opportunities:</b> \$2,600,000.00 required to be awarded by Program Administrator</li> <li>● <b>Other:</b> <ul style="list-style-type: none"> <li>○ Updated long-term strategy for financial sustainability</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● <b>Internal research grant:</b> \$500,000.00 made available to Program Administrator</li> <li>● <b>Indirect expenses:</b> \$300,000.00 made available to Program Administrator</li> </ul>
<p><b>5</b> Months 28 – 36</p>	<ul style="list-style-type: none"> <li>● <b>Cost share:</b> NA</li> <li>● <b>External funding opportunities:</b> \$1,700,000.00 required to be awarded by Program Administrator</li> <li>● <b>Other:</b> NA</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Internal research grant:</b> \$500,000.00 in funds for internal research made available</li> <li>● <b>Indirect expenses:</b> \$150,000.00 made available to Program Administrator</li> </ul>

*\*dollar values are not cumulative but rather representative of the full amount needed to complete a given milestone.*

*\*\*cost share 'due' means that NYSERDA has received verification of cost share from the Program Administrator*

- **Reporting Requirements:** In addition to the reporting requirements referenced in the Outcomes and Impact Section below, awardees will be responsible for completing comprehensive reports every six (6) months to ensure NYSERDA is aware of Program Administrator use of funds (both NYSERDA and cost share) and progress against key milestones, contract milestones, and performance targets (most of which will be negotiated with the Program Administrator during contracting at the time of award). The Program Administrator also will be required to submit a Final Report to NYSERDA at the end of the four-year contract period. The Program Administrator additionally will be required to submit reports outlining its strategy for long-term financial sustainability on the schedule in the table above. The NYSERDA Program

Manager will schedule meetings with the Program Administrator on a regular basis to ensure alignment.

- **Budget:** Allocation of spending should be done in alignment with this Budget Table which summarizes requirements stated elsewhere in this PON. NYSERDA reserves the right to add funds to the Program Administrator’s contract beyond the \$10,000,000.00 available in this PON.

*Budget Table*

Type of Expense	Service Requested	Budget*
Direct Expenses	Internal Funding Opportunities	\$1,500,000.00
	External Funding Opportunities	\$6,500,000.00
	Industry Outreach	\$250,000.00
Indirect Expenses	Administration, overhead, and/or any other expenses requested to deliver the Services Requested in this PON that are not Direct Expenses.	\$1,750,000.00

*\*These limitations do not apply to funds brought in through cost share but rather to the \$10,000,000.00 allocated through this PON.*

**G. Cost Share Requirements**

NYSERDA views cost share as a means to grow the total impact of this program and demonstrate the proposer’s commitment and ability to move quickly. Applications with more cost share presented in their applications will be preferred in NYSERDA’s scoring process. The proposer must present a strategy for securing the total required cost share as part of their application to this PON. NYSERDA requires that the Program Administrator maintain its average direct expense spend rate in year four of the program through application of cost share funds. NYSERDA expects the cost share plan to include a narrative for how the proposer will dedicate the resources necessary to reach full financial sustainability and independence from NYSERDA starting in year four of the program. NYSERDA’s expectation is that the program run for three years independently of NYSERDA’s funding after NYSERDA’s financial commitment has concluded. Proposers must propose how they will apply cost share to enable maximum program impact as outlined in the ‘Program Impact’ section. Awardees will be required to present proof of cost share to NYSERDA on the schedule outlined in the Scope of Work Requirements section of this PON.

**H. NYSERDA’s Role**

NYSERDA will offer funding over a three-year period and will work closely with the Program Administrator to develop and grow a successful Carbontech Development





Initiative over at least a four-year period. NYSERDA will closely coordinate with the awardee in the following areas:

- Program Design: The NYSERDA Project Manager will work with the Program Administrator to ensure the contract comports with the standards and expectations of NYSERDA as outlined in this PON.
- Technology Foci: NYSERDA and the Program Administrator will work together to define relevant technology categories and priorities within the carbotech industry theme. NYSERDA is interested in investing in solutions, innovations, and systems that can enable real world removal, capture, mineralization, storage, and utilization of CO<sub>2</sub>.
- Grant Product Creation: NYSERDA will work with the Program Administrator to agree on the most efficient use of funds to address the research and commercialization gaps articulated in the 'External Funding Opportunities' section.
- Grantee Eligibility and Evaluation Criteria: NYSERDA and the Program Administrator will collaborate on the definition of eligibility and evaluation criteria for program applicants seeking awards and grants within the Carbotech Development Initiative programs. NYSERDA will present specific requirements for application review, certification, and contract development and will define contractual requirements between NYSERDA and the Program Administrator that reflect these expectations and standards. All standards must comply with NYSERDA's competitive procurement requirements.

#### I. Governance

NYSERDA will execute a four-year contract with the selected awardee for this PON. Over the course of that contract, the following governance rules will apply. Additional contractual obligations under this program can be found in the Sample Agreement (Attachment C).

- In the first month of the program, the Program Administrator will be asked to complete a Program Execution Strategy. This plan will be an 18-month outline of how the entity plans to develop and execute program plans in line with NYSERDA's governance expectations.
- NYSERDA will work with the Program Administrator to develop an Advisory Board, separate from the Independent Scoring Board, for the long-term governance of the program. This Advisory Board will include NYSERDA representation and will support the ongoing success of the program. The Advisory Board will provide guidance on direction of research, focus, funding, and other matters to be finalized between NYSERDA and the Program Administrator.
- For the expenditure of NYSERDA funding, NYSERDA will work with the Program Administrator to develop processes and procedures necessary to ensure the execution of this program is aligned with the goals and policies of NYSERDA. These processes and policies will be memorialized in contract(s) between NYSERDA and the Program Administrator. The following governance steps will be taken:



- Develop Funding Opportunities: Development of a process for creating, updating, and advertising Funding Opportunities, including the intake and tracking of proposals or applications. NYSERDA will work with the Program Administrator to select which solution types will fit within the scope for their External Funding Opportunities' eligibility requirements. Funding opportunities will be released as competitive solicitations, made publicly (and widely) available, and will leverage existing NYSERDA processes and documentation.
- Scoring: Creation of a scoring and application review and approval process with the Program Administrator that meets NYSERDA's criteria and updating those criteria as necessary with partners as additional co-funders join the initiative.
- Contracting: Articulation of standards for payment, milestones, and deliverables, and standard terms and conditions for contracts between the Program Administrator and Carbontech Development Initiative awardees. NYSERDA will reserve the right to audit deliverables under these contracts and allow for project site visits.
- Independent Scoring Board: Creation and convening of a Board to score and evaluate grants, with NYSERDA oversight, on an as-needed basis for the Program Administrator. This board will be composed of carbontech experts with both R&D and commercialization experience. This Board must have at least 10 confirmed members.
- Evaluating Applications: The 'Independent Scoring Board' of experts in the carbontech sector will evaluate grant applications. At a minimum, final approval by NYSERDA will be required for funding opportunities, grant award winners, and execution of grant award contracts issued by the Program Administrator.
- Additional Board(s): Should the Program Administrator propose the creation of any additional 'formal bodies' or advisory groups or boards (in order to engage additional funders, donors, and/or partners, etc.) as part of this program, any parties selected to participate on such committees will be made known to NYSERDA before being confirmed and NYSERDA will be invited to participate on any such boards for the duration of the four year contract.
- Media: Development of the website(s) and software platform(s) used for publicity, media, funding opportunities, application intake, contracting, and invoicing will be managed by the Program Administrator. Branding and marketing will be subject to NYSERDA review and approval. The website(s) and software will be subject to NYSERDA's cyber security and accessibility requirements.



- Due Diligence: Creation of a process for conducting due diligence on potential grantees to ensure vendor responsibility including, but not limited to, the ability to perform background checks as needed.
- Program Changes: Creation of a process whereby changes are made to the Program over time to adjust to changes needed to advance the Carbontech Development Initiative. Final sign off on changes will be subject to NYSERDA agreement.
- Outcomes and Impact: The awarded Program Administrator will be required to comport with NYSERDA's reporting requirements, including an annual metrics survey that will require the Program Administrator to secure data and information from their awardees. In addition, the NYSERDA Project Manager will outline requirements for quarterly progress reports and ongoing communications in order to capture notable outcomes and track progress across key areas of program impact. The Program Administrator will be asked to provide comprehensive information on awardees and their own research activities to complete outcomes case studies once the third year of the program has completed. The Program Administrator will work with the NYSERDA Project Manager to determine the type of studies performed. Options include, but are not limited to, product development/demonstration impact studies, historic tracing case studies, and/or macroeconomic impact analyses to quantify emissions, job creation, and other economic impacts associated with NYSERDA investment.
- Events and Communications: NYSERDA will work with the Program Administrator to design Carbontech Development Initiative events and will play an active role setting the agenda for, and structuring the content of, such events. NYSERDA will retain sign off on event plans. NYSERDA leadership will have a visible presence at Carbontech Development Initiative events and will disseminate regular communications to the Program Administrator that will be shared through the Program Administrator's relevant channels as appropriate.
- Fundraising & Partnership: NYSERDA will collaborate with the Program Administrator to ensure cost share requirements are met or exceeded and to ensure the long-term sustainability of the program. This could be through providing letters of support for funding opportunities, recruiting funders alongside the Program Administrator, through directly applying to funding opportunities with the Program Administrator, and/or other methods. NYSERDA fully intends to apply to Federal grants in partnership with the Carbontech Development Initiative Program Administrator. NYSERDA will also leverage its industry and governmental connections to drive additional private and public sector actors towards the Carbontech Development Initiative as co-funders and collaborators over the life of NYSERDA's engagement and funding of the program.

J. Potential Conflicts of Interest



Identify the nature of any potential conflicts of interest among team members and partners in providing services to NYSERDA under this PON. Fully discuss possible conflicts of interest, actual and perceived, which could arise in connection with performance by team members and partners of the proposed contract. Describe how your firm would resolve conflicts of interest. In the event that NYSERDA determines that a team member may have a conflict of interest or the appearance of such, NYSERDA may: (1) take this into consideration in evaluating the proposal; (2) exclude the proposer from consideration for an award; (3) adjust the scope of work to avoid the conflict or appearance of conflict; or (4) negotiate other appropriate actions with the team member to avoid the conflict or appearance of conflict. The Program Administrator, and any entity associated with the team selected under this PON, will not be eligible for awards issued by the Carbontech Development Initiative under its External Funding Opportunities pursuant to its contract with NYSERDA. Independent scoring board members will also be recused from evaluating proposals when a conflict of interest is disclosed.

**K. Freedom of Information Law**

The intake and processing of records under this program by the Program Administrator will be subject to New York's Freedom of Information Act Law (FOIL), and as such, NYSERDA-approved processes will be required to manage records, particularly regarding confidential information or trade secrets. NYSERDA's legal department will provide guidance and support to the PON awardee at time of contract negotiation to ensure sufficient record keeping and document management processes are established at the start of the NYSERDA contract.

**L. Letters of Support and Commitment**

All proposers must include a letter of commitment from their entity's leadership explaining the resources (both in-kind and cash) that the proposer is prepared to put toward the Carbontech Development Initiative, including the administration's commitment to apply resources to secure the required \$5,500,000.00 in cost share.

If a proposer is relying on any other organization to do a portion of the work, provide services or equipment, participate as a key partner, or share in the non-NYSERDA cost, include a binding letter from that organization describing its planned participation. Also include letters of interest or commitment from partners or other organizations critical to the development, implementation, and success of the project.

Letters should not be solicited from NYSERDA personnel.

**III. PROPOSAL REQUIREMENTS**

The proposer's goal should be to concisely present the information needed to fully address the Proposal Evaluation criteria (see Section VI). Proposals that exceed the page limits or fail to follow the format guidelines in Attachment A may be rejected as non-responsive. If the proposer believes that proprietary information must be submitted to provide an adequate proposal, the proposer must comply with the Section VII instructions for submitting proprietary material. Proposals should not be excessively long or submitted in an elaborate format.



All application materials must be submitted as part of one single pdf document. Unnecessary application materials beyond those sufficient to present a complete, comprehensive, and effective proposal may reduce, rather than increase, a proposal's standing per the evaluation criteria. Each page of the proposal should state the name of the proposer, the PON number, and the page number. The proposal must be in the following format, with items in the sequence shown.

#### **IV: Proposal Narrative**

Complete the Proposal Narrative form-fillable document as part of the PON Attachment A. The Proposal Narrative contains the following sections:

- I Project Summary
- II. Project Description
- III. Financial Plan
- IV. Statement of Work, Milestone Payment Plan, and Schedule
- V. Proposer Qualifications
- VI. Project Impacts
- VII. Letters of Support and Commitment
- VIII. Attachments

Proposers must carefully review the Proposal Narrative to ensure that all required sections are completed. Failure to do so may result in the proposal being rejected as non-responsive.

#### **V. State Finance Law**

In compliance with §139-j and §139-k of the State Finance Law (see Section V, General Conditions below for additional information), proposers will be required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility.

#### **VI. Proposal Evaluation**

Proposals that meet the solicitation requirements will be reviewed by a Scoring Committee and will be scored and ranked according to the following criteria. At NYSERDA's discretion, proposers may be requested to interview with all or part of the Scoring Committee to address any potential questions or clarifications outlined in the proposals. Proposers will be notified if they are requested to attend an interview. After the proposals are reviewed, NYSERDA will issue a letter to each proposer indicating whether they have been selected for funding.

Proposers selected for funding will be invited to enter into contract negotiations with NYSERDA. The proposers will be required to submit a detailed Statement of Work, schedule, and budget as



part of Attachment A and may also be asked to address specific questions or recommendations of the Scoring Committee prior to any contract award.

### **Eligibility Requirements**

A negative response to any one of the questions below may eliminate the proposal from further consideration.

Does the proposer:

- Comport with the definition of Program Administrator in this PON?
- Exist in 'good standing' with respect to all requirements of past or current NYSERDA projects, if any, including the delivery of required reporting and recoupment?

### **Evaluation Criteria**

Proposed Plan to Deliver Services Requested (30%)

- To what degree do the Proposal Narrative and accompanying materials define a clear and compelling case for how the proposer will deliver each of the 'Services Requested' in this PON?
- To what degree does the proposer define a clear and compelling case for designing a long-term Carbontech Development Initiative program?
- To what degree does the proposer's application present a compelling methodology for advancing the carbontech sector and for achieving real and meaningful program impact?
- To what degree is the proposer's statement of work reasonable, feasible, and superior to alternatives?
- To what degree does the proposer outline a credible path to serve innovators of diverse backgrounds through their execution of the services requested?
- To what degree is the proposer's plan able to be operationalized quickly to enable additional fundraising in 2021?

Carbontech Expertise, Research Experience, and Capabilities (20%)

- To what degree does the proposer demonstrate commitment to carbontech, as evidenced by the list of its existing and previous research?
- To what degree does the proposer's record demonstrate an ability to achieve transformative improvements in carbontech?
- To what degree does the proposer's record demonstrate an ability to carry out carbontech research that is targeted toward tangible project outcomes?
- To what degree does the proposer's record demonstrate an ability to carry out carbontech research that is compelling based on industry and market needs?
- To what degree does the proposer's record demonstrate an ability to advance the commercialization and availability of technologies or solutions of importance to New York State?

Carbontech Expertise and Project Team (20%)

- To what degree does the proposer's existing staff have a demonstrated track record and experience within the carbontech sector?



- To what degree does the proposer demonstrate a track record of leadership in the carbontech sector through relevant relationships, research commitments, financial commitments, technical expertise, etc.?
- To what degree does the proposer demonstrate an ability to ensure this program's success and long-term sustainability, as evidenced by testimonials from the entity's leadership that articulate the organization's commitment to the carbontech sector and to supporting this program?
- To what degree does the proposer demonstrate a track record of executing the Services Requested in this PON and achieving successful outcomes?
- To what degree does the proposer demonstrate access to tested and successful technology transfer programs that support the commercialization of lab-based innovations?
- To what degree does the proposer present a compelling justification for why it is most qualified to lead the development and long-term operation of this nation-leading carbontech program in New York?
- To what degree does the application engender confidence that the applicant will be able to create a best-in-class ecosystem for carbontech that attracts the best innovators and partners from around the world to New York's programs and market opportunities?
- Has the proposer secured letters of support and/or partnership commitments? To what degree do these letters credibly increase the proposer's likelihood of success in executing this program?
- Has the proposer listed their fundraising and grant successes to date? To what degree have they committed to assign team members, in official capacities, to this program who substantively contributed to this fundraising and grant track record?
- To what degree does the proposer demonstrate experience in impactful grantmaking that achieves a high degree of follow-on success?

#### Budget and Cost Share (30%)

- To what degree is the proposed use of funds reasonable?
- Do the proposed funds requested apply at least 82.5% (\$8,250,000.00) of NYSERDA funds to Direct Expenses?
- To what degree does the proposer present a reasonable plan for how funds will be applied to Indirect Expenses?
- To what degree does the proposer present a significant cost share commitment at the time of application and letter(s) of commitment from cost share contributors? Proposals that include more cost share will be favorably reviewed.
- To what degree does the proposer present a credible fundraising plan and strategy, including commitment from their entity's leadership/administration, for securing the \$5,500,000.00 cost share over the course of the program and ensuring the financial sustainability of this program after NYSERDA's involvement?
- To what degree does the proposer demonstrate a strong track record of raising funds for research and commercialization activities?

#### **Program Policy Factors**

NYSERDA reserves the right to accept or reject proposals based on the following factor(s):



- The degree to which the proposed project, including proposed cost share, optimizes the use of available funding to achieve programmatic objectives.
- The degree to which the proposer has the resources (human and financial) to be able to complete the project.

## VII. GENERAL CONDITIONS

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

<https://www.nyserda.ny.gov/About/-/media/Files/About/Contact/NYSERDA-Regulations.ashx>.

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

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

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

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

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

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

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx>. Proposers are required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of





Non-Responsibility (this includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

**Tax Law Section 5-a** - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000 to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contracting and filed with NYSERDA. See, ST-220-CA (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf>.

**Contract Award** - NYSERDA anticipates making one award under this solicitation. NYSERDA anticipates a contract duration of four years, unless NYSERDA management determines a different structure is more efficient based upon proposals received. Contracts may be awarded based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each proposal should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA may at its discretion elect to extend and/or add funds to any project funded through this solicitation. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the checklist questions. Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately four weeks from April 12, 2021 whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

**Accessibility Requirements** - NYSERDA requires contractors producing content intended to be posted to the Web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#).

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



NYSERDA reserves the right to disqualify proposers based upon the results of a background check into publicly available information or the presence of a material possibility of any reputational or legal risk in making of the award.

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

**Vendor Assurance of No Conflict of Interest or Detrimental Effect** - The proposer shall disclose any existing or contemplated relationship with any other person or entity, including any known relationships with any member, shareholders of 5% or more, parent, subsidiary, or affiliated firm, which would constitute an actual or potential conflict of interest or appearance of impropriety, relating to other clients/customers of the proposer or former officers and employees of NYSERDA, in connection with proposer's rendering services as proposed. If a conflict does or might exist, please describe how your company would eliminate or prevent it. Indicate what procedures will be followed to detect, notify NYSERDA of, and resolve any such conflicts.

The proposer must disclose whether it, or any of its members, or, to the best of its knowledge, shareholders of 5% or more, parents, affiliates, or subsidiaries, have been the subject of any investigation or disciplinary action by the New York State Commission on Public Integrity or its predecessor State entities (collectively, "Commission"), and if so, a brief description must be included indicating how any matter before the Commission was resolved or whether it remains unresolved.

**Public Officers Law** – For any resulting awards, the Contractor and its subcontractors shall not engage any person who is, or has been at any time, in the employ of the State to perform services in violation of the provisions of the New York Public Officers Law, other laws applicable to the service of State employees, and the rules, regulations, opinions, guidelines or policies promulgated or issued by the New York State Joint Commission on Public Ethics, or its predecessors (collectively, the "Ethics Requirements"). Proposers are reminded of the following Public Officers Law provision: contractors, consultants, vendors, and subcontractors may hire former NYSERDA employees. However, as a general rule and in accordance with New York Public Officers Law, former employees of NYSERDA may neither appear nor practice before NYSERDA, nor receive compensation for services rendered on a matter before NYSERDA, for a period of two years following their separation from NYSERDA service. In addition, former NYSERDA employees are subject to a "lifetime bar" from appearing before any state agency or authority or receiving compensation for services regarding any transaction in which they personally participated, or which was under their active consideration during their tenure with NYSERDA.



Any awardee will be required to certify that all of its employees, as well as employees of any subcontractor, whose subcontract is valued at \$100,000 or more who are former employees of the State and who are assigned to perform services under the resulting contract, shall be assigned in accordance with all Ethics Requirements. During the term of any agreement, no person who is employed by the contractor or its subcontractors and who is disqualified from providing services under the contract pursuant to any Ethics Requirements may share in any net revenues of the contractor or its subcontractors derived from the contract. NYSERDA may request that contractors provide it with whatever information the State deems appropriate about each such person's engagement, work cooperatively with the State to solicit advice from the New York State Joint Commission on Public Ethics, and, if deemed appropriate by the State, instruct any such person to seek the opinion of the New York State Joint Commission on Public Ethics. NYSERDA shall have the right to withdraw or withhold approval of any subcontractor if utilizing such subcontractor for any work performed would be in conflict with any of the Ethics Requirements. NYSERDA shall have the right to terminate any contract at any time if any work performed is in conflict with any of the Ethics Requirements.

**Due Diligence** – NYSERDA, at its discretion, may conduct broad due diligence to validate any or all elements of an application and to assess proposer's prospects of success, including gathering information to assess a proposal relative to any of the topics listed in evaluation criteria, whether or not such topic is explicitly addressed in a proposal. NYSERDA may conduct due diligence on some or all proposals based on NYSERDA's current guidelines at the time of a review. NYSERDA staff may follow up with proposers to request additional information or clarification regarding proposer's proposal, including questions regarding proposer's business prospects and resources, whether or not those questions are specifically related to the elements of the proposal. Additionally, customized due diligence may be conducted by internal or external staff or contractors based on questions on any proposal raised by NYSERDA staff and/or the Scoring Committee. Due diligence may include (but is not limited to): interviews of independent references and background checks of team members; assessment of prior business experience of any team member associated with a proposal; research on intellectual property claims; customer and partner reference checks; market research on the proposers' target market and any other related or possibly competitive technology or market area; research to validate any assumptions on current or future revenues, costs, capital needs, and financing prospects for proposers' business, including similar (or unrelated) technologies, processes, or competitive solutions; or any other research that could reasonably inform the evaluation of a proposal, or the prospects for commercial success of the proposers' business (whether directly related to, or unrelated to the specific elements in a proposal). Due diligence may include discussions with proposers' former and current business partners, employees, investors, customers, and competitors. Due diligence may be conducted by NYSERDA personnel or contractors including members of the scoring committee, before, during, or after a scoring process, and prior to finalization of a contract award, any information gleaned in diligence may be used to score or re-score a proposal

**Attachments:**

Attachment A – Proposal Narrative

Attachment B – Budget Template

Attachment C – Sample Agreement

Attachment D – Vendor Assurance of No Conflict of Interest or Detrimental Effect



**NYSERDA**



**Electric Mobility Challenge**  
Program Opportunity Notice (PON) 4744  
**Up to \$21.5 million**

*NYSERDA reserves the right to extend and/or add funding to the Solicitation should other program funding sources become available.*

Phase One Registration Deadline: July 22, 2021 by 3:00 p.m. Eastern Time  
Phase One Proposals Due: August 25, 2021 by 3:00 p.m. Eastern Time\*  
Phase Two Proposal Due Date will be announced no later than January 31, 2022.

**Program Summary:** The New York State Energy Research and Development Authority (NYSERDA) seeks Proposals for the [Electric Mobility Challenge](#) as part of the New York Clean Transportation Prizes, which are designed to advance clean, electrified transportation in disadvantaged communities in New York State. The prizes will fund projects that will help overcome persistent transportation challenges in low-income communities and remove barriers to widespread electric vehicle use.

The Electric Mobility Challenge aims to transform the transportation options for members of disadvantaged communities by providing safe, convenient electric mobility options that meet community needs, which may include access to jobs, educational opportunities, basic services, and others as defined by the impacted communities, improve the quality of life in those communities, and demonstrate clear potential for replication and scale.

Proposal Phase	Total Funding Available	Anticipated Number of Awards
Phase One: Planning Grants	Up to \$500,000	Up to five (5) at \$100,000 each
Phase Two: Grand Prizes (Note: this Phase is only open to Phase One Awardees)	Up to \$21 million	Up to three (3) at \$7 million each

All, some, or none, of the available funds may be Awarded. NYSERDA reserves the right to add or reduce time and/or funding to Awarded contracts. Note: Only projects located within communities served by electric utilities regulated by the New York State Public Service Commission are eligible to receive the funding currently available through this PON (4744). These utilities are: Central Hudson Gas & Electric, Con Edison, National Grid, New York State Electric & Gas, Orange and Rockland, and Rochester Gas and Electric.

Subject to the availability of funds, up to one project located within a community (or communities) served by the Long Island Power Authority (LIPA) may be selected for an additional Phase One award through this PON (4744). Up to one additional project located within a community (or communities) served by LIPA may be selected for a Phase Two award out of the Phase One awardees from all three challenges in the New York Clean Transportation Prizes program (PON 4743, PON 4744, PON 4745).

Projects located in other electric utility service territories are eligible to participate in the submission and evaluation process, and must identify separate funding for grant awards. Up to one additional Phase One project may be selected from the other electric utility service territories to be provided with access to expert consultants and other support services to prepare a Phase Two proposal. This additional project is not eligible to receive the planning grant, grand prize, nor funding for community partners from NYSERDA.

**Proposal Submission:** Proposers may apply on the New York Clean Transportation Prizes online portal at <http://www.electricmobilitychallenge.org>. Proposers should follow the application instructions on the online portal. If you have factual questions concerning the Electric Mobility Challenge, please send them to [questions@electricmobilitychallenge.org](mailto:questions@electricmobilitychallenge.org).

No communication intended to influence this procurement is permitted except by contacting Robyn Marquis (Designated Contact) at (518) 862-1090, ext. 3112 or by e-mail [TransportPrizes@nyserda.ny.gov](mailto:TransportPrizes@nyserda.ny.gov). If you have contractual questions concerning this solicitation, contact Nancy Marucci (Designated Contact) at (518) 862-1090, ext. 3335 or [NancySolicitations@nyserda.ny.gov](mailto:NancySolicitations@nyserda.ny.gov). Contacting anyone other than the Designated Contacts (either directly by the Proposer or indirectly through a lobbyist or other person acting on the Proposer's behalf) in an attempt to influence the procurement: (1) may result in a Proposer being deemed a non-responsible offerer, and (2) may result in the Proposer not being Awarded a contract.

**\*All Proposals must be received by 3 p.m. Eastern Time. Late, faxed, or emailed Proposals will not be accepted.** Incomplete Proposals may be subject to disqualification. It is the Proposer's responsibility to ensure that all sections have been answered in the online Proposal. Please note: for online submission, there are required questions that you will have to answer in addition to uploading attachments and you should allot at least 60 minutes for data entry when using the website. Please take as much time as is necessary to formulate your responses to each question by carefully reading the requirements as soon as possible. The online Proposal system closes promptly at 3 p.m. Eastern Time, files in process or attempted edits or submission after 3 p.m. Eastern Time on the date above, will not be accepted. NYSERDA will also accept Proposals by mail or hand-delivery if online submission is not possible. If changes are made to this solicitation, notification will be posted on the "Current Opportunities" section of NYSERDA's website (<https://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx> and on the competition website <https://www.electricmobilitychallenge.org>).

## I. Introduction

The New York State Energy Research and Development Authority (NYSERDA) is a public benefit corporation established pursuant to Title 9 of Article 8 of the Public Authorities Law of the State of New York (State). NYSERDA's principal mission is to develop innovative solutions to some of the State's most difficult energy and environmental problems. In July 2020, the New York State Public Service Commission's (PSC) Order Establishing Electric Vehicle Infrastructure Make Ready Program and Other Programs (Case 18-E-0138, "EV Make Ready Order") directed NYSERDA to establish three prize competitions to fund projects that will help overcome persistent transportation challenges in low-income communities and remove barriers to widespread electric vehicle use. The goal is to advance clean, electrified transportation options in disadvantaged communities in New York State, including, but not limited to, electric trucks and buses, electric cars, electric micromobility, and other mobility services. The competitions are intended to provide teams of global experts with the opportunity to directly engage communities and local groups to improve transportation options, reduce emissions, and develop solutions that can be scaled and replicated in New York State and beyond.

### Summary of New York Clean Transportation Prizes design

All three prizes will be implemented in two phases to provide potential Proposers with the time and resources necessary to develop the best approaches to meet the objectives of each prize competition.

Phase One: The purpose of Phase One is to invite a wide range of Proposers to register and submit a detailed Proposal for each relevant prize. Since these three prize competitions will launch simultaneously, Proposers will have the opportunity to propose to more than one competition, and those Proposers may be asked to indicate how any efficiencies can be gained if they are awarded more than one grand prize Award to implement their proposed solution(s). The outcome of Phase One is to produce a cohort of planning grant Awardees, who will receive planning grants and other support in order to participate in Phase Two and prepare their final Proposals for grand prize consideration. See the [Timeline](#).

Phase Two: Planning grant Awardees selected in Phase One will undergo a rigorous period of planning support in order to refine and strengthen their Proposals and conduct additional engagement for Phase Two. Based on feedback provided from the Phase One assessments, planning grant Awardees will understand gaps in their Proposals. NYSERDA will provide access to experts to help them refine their Proposals over a protracted period of the Phase Two timeline. Based on the revised Proposals, the scoring committee will assess and make recommendations to determine the grand prize Awardees for each prize competition. See the [Timeline](#).

## II. Program Requirements

### A. Solution Eligibility

At a minimum, all proposals should:

1. Provide new or expanded electric mobility options available to members of one or more disadvantaged communities in New York State. These electric mobility options should address community needs, which may include enabling access to jobs, educational opportunities, basic services, and other needs as defined by the impacted communities.
2. Improve the quality of life in the community or communities in which it proposes to operate.
3. Demonstrate a clear potential to be repeated in other communities and have the potential to scale in the chosen or additional communities.

Proposals may consist of solutions focused on a narrow local geography or broader geographic areas. Proposals may serve a large segment of a community or a smaller subset. Proposals may address the provision of electric mobility options through physical investments, policy action, and other means, but must be implementable and demonstrate results within the three-year timeframe for execution following contracting with grand prize awardees.

Proposals may NOT include any of the following elements:

- Provision of new or expansion of existing service that does not utilize electric or active modes of transportation
- Provision of freight transportation or goods movement services
- Provision of non-road motorized transportation services, such as aviation and marine transportation
- Provision of transportation services that are solely recreational in character
- Projects that will lead to an increase in GHG or air pollutant emissions
- Heavy rail service, highway, or road car capacity creation or expansion
- Vehicle or fleet replacement
- Projects that have significant technology risk

### B. Proposer Eligibility

Each Proposal to the Electric Mobility Challenge must be led by a Principal Organization, which is an entity responsible for entering into an agreement with NYSEDA for the purposes of receiving a planning grant or grand prize Award. Any non-profit, business or company, or other type of incorporated entity that is in good standing in the relevant jurisdiction(s) where they are incorporated and maintained may apply as a Principal Organization or be a member on a proposing team, with the exceptions provided below.

The following entities are not eligible to apply as the Principal Organization, but may be part of a proposing team:

- Individuals.
- Government agencies, including United Nations agencies, inter-governmental bodies, and regional cooperation agencies. Please note: Indian Nations are eligible to apply as a Principal Organization and serve as part of a proposing team.
- Departments, authorities, or other entities that are part of local, state, or federal government.
- Universities and colleges.

The following entities are not eligible to be a Principal Organization nor members of any proposing team:

- Registered lobbying organizations whose primary business is lobbying.
- Utilities and associated enterprises, within their respective service territories.

Phase One Proposals are open to any Principal Organization that meets the above requirements. Phase Two Proposals may only be submitted by Phase One Awardees.

**Financial and Organizational Capacity** – All applicants must demonstrate their financial and organizational capacity to carry out the proposed project and to appropriately manage any Award, should they be designated as an Awardee.

**C. Proposal Submission Limit**

An organization can submit only one Phase One Proposal for the Electric Mobility Challenge as the Principal Organization. An organization can also serve as a partner on a team for multiple Proposals provided that each Proposal proposes a separate, distinct solution.

Regional or location-specific branches of larger organizations can each register and submit separately as the Principal Organization on one Proposal as long as the proposed solutions are different and separate. While a single organization can serve as a Principal Organization on one Proposal, as well as participate as part of a team on multiple Proposals, there should be no overlap in the individuals from that organization on those separate Proposals. The intent of the policy is to ensure that any team member is concentrating their best effort into a single Proposal. Overlapping membership of advisory boards is permitted.

**D. Geographic Eligibility**

All Proposals must increase access to electric transportation and improve quality of life for at least one disadvantaged community per the interim definition below:

Disadvantaged Communities include either:

1. Communities that meet both of the following criteria:
  - a. Census block groups that are in the top quartile of HUD census tracts meeting the annual income threshold of 50% Area Median Income (see below\*), and
  - b. Location identified as a [Potential Environmental Justice Areas](#), as defined by the New York State Department of Environmental Conservation, or
2. Communities location within New York State [Opportunity Zones](#).

\*HUD 50% Threshold: Top quartile of census block groups in New York, ranked by the percentage of LMI Households in each census block. LMI Households are defined as households with annual incomes at or below 50% of the AMI of the County or Metro area where the Census Block Group resides.

NYSERDA has provided an [interactive map](#) that identifies areas throughout the State that meet the interim criteria specified above.

**E. Exceptions to Terms and Conditions**

In order to ensure NYSERDA is timely with the procurement and contracting of Phase One Awards under this PON 4744, NYSERDA will not allow any exceptions to NYSERDA's standard terms and conditions in the Sample Agreement (Attachment C). All proposers should review these standard terms and conditions in the Sample Agreement in detail before deciding to move forward with a proposal to ensure they do not have any exceptions with them. NYSERDA will terminate contract negotiations with any proposers selected for funding that attempt to retroactively negotiate the terms and conditions during the contracting process.



### III. Proposal Requirements

The Proposer's goal should be to concisely present the information needed to fully address the evaluation criteria (see Section IV). Proposals may not exceed the word limits specific in the Proposal form, and any Proposals that are incomplete or fail to meet eligibility requirements may be rejected as non-responsive. If you believe proprietary information must be submitted to provide an adequate Proposal, you must comply with Section V instructions for submitting proprietary information.

Proposals must be in English and meet the Proposal requirements stipulated on the challenge website. Proposers are required to register in advance of any deadlines for the submission of a Proposal and comply with all other deadlines posted on the Electric Mobility Challenge website. Proposals may not contain obscene, provocative, defamatory, or otherwise objectionable or inappropriate content.

In compliance with §139-j and §139-k of the State Finance Law (see Section V, General Conditions, below for additional information), Proposers will be required to answer questions during Proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility.

#### A. Phase One Proposal Format

Participant must register for the Electric Mobility Challenge through the website by the deadline listed above. The registrant will receive an email to confirm registration and complete the registration process. Participants are also required to accept the Terms & Conditions of the competition, before getting access to the online Proposal.

The Proposal must be submitted via the online platform and follow the format put forth on the Electric Mobility Challenge website ([www.electricmobilitychallenge.org/application](http://www.electricmobilitychallenge.org/application)). The Proposal form contains the following sections:

- A. Quick Pitch:** This is your opportunity to make a strong first impression. Offer a brief and compelling overview of your solution. Avoid using jargon, abbreviations, or language that a layperson may not understand.
- B. Video Presentation:** Submit a video that captures your solution and why it should be funded. This is an opportunity to showcase your passion and pitch your story to a broad audience. Share your vision with reviewers in a way that is different from the written proposal format. This DOES NOT need to be a professionally produced video.
- C. Your Team:** Now that you've introduced your solution, focus on the structure, capacity, and leadership of your team. Successful execution is of paramount importance to the success of this prize – so having and a strong team is critical.
- D. The Problem:** Here is your opportunity to explain the problem(s) you intend to solve and to demonstrate your nuanced understanding of the disadvantaged communities you aim to serve.
- E. Your Solution:** Here's your opportunity to more fully explain how you intend to solve the problem(s) you have outlined above. It is important to convey both that you have a sound strategy and also that you have a sound approach to execution.
- F. Projected Impact:** Demonstrate how your solution will better meet the transportation needs of disadvantaged communities, improve health, and increase the quality of life and opportunity for community residents and others.
- G. Community Engagement:** Illustrate detailed plans as to how you will collaborate with the communities in which you will deploy your solution.
- H. Scalability & Replicability:** Clearly describe the potential and plans to scale, expand, repeat, and/or replicate your solution.
- I. Project Plan & Budget:** Illustrate your plan and the resources required to successfully implement your solution. Please be as informative as possible, clearly portraying important activities the funds will be used for and when.
- J. Administrative Information:** This section is required for due diligence purposes.

**K. Additional Information:** NYSERDA will execute contractual agreements which will outline the terms of any award provided to any Principal Organization through the Electric Mobility Challenge and will also monitor the implementation of the awarded project. Please review all Rules, Terms & Conditions, and the Sample Agreement for more details.

**B. Phase Two Proposal (by invitation only)**

Up to five (5) Proposers to Phase One will be selected as Phase One Awardees and eligible to propose to Phase Two. Each Phase One Awardee will be required to enter into an agreement (see Attachment C) with NYSERDA to receive a planning grant of \$100,000 to strengthen, revise, and resubmit their Proposals. Phase One Awardees will also be provided with up to \$50,000 of in-kind support from experts and up to \$50,000 in funding for their community partners to support their active participation in the final proposal development. Based on feedback provided from the Phase One assessments and insights gained throughout the Phase Two process, Phase One Awardees will understand gaps in their proposed solutions, will make improvements to their proposed solutions, and submit Phase Two Proposals. The scoring committee will assess and make recommendations to determine the grand prize Awardees for each prize competition. See [Timeline](#).

Of these Phase One Awardees, up to three (3) will receive an Award of \$7 million each if selected as grand prize Awardees during the Phase Two proposal and evaluation process.

Note: Only projects located within communities served by electric utilities regulated by the New York State Public Service Commission are eligible to receive the funding available through this PON (4744). These utilities are: Central Hudson Gas & Electric, Con Edison, National Grid, New York State Electric & Gas, Orange and Rockland, and Rochester Gas and Electric.

Subject to the availability of funds, up to one project located within a community (or communities) served by the Long Island Power Authority (LIPA) may be selected for an additional Phase One award through this PON (4744). Up to one additional project located within a community (or communities) served by LIPA may be selected for a Phase Two award out of the Phase One awardees from all three challenges in the New York Clean Transportation Prizes program (PON 4743, PON 4744, PON 4745).

Projects located in other electric utility service territories are eligible to participate in the submission and evaluation process, and must identify a separate funding for grant awards. Up to one additional Phase One project may be selected from the other electric utility service territories to be provided with access to expert consultants and other support services to prepare a Phase Two proposal. This additional project is not eligible to receive the planning grant, grand prize, nor funding for community partners from NYSERDA.

**Use of Funds** – Funds from Phase Two Awards must be used for the solution described in the proposal and go toward achieving transportation-related outcomes. The solution must be implemented over a period of up to three years. Proposers may include overhead costs that are necessary to implement the proposed project.

**Annual Metrics Reports** –The grand prize Awardee will be required to enter into an agreement with NYSERDA and to submit to NYSERDA's Project Manager on an annual basis, a prepared analysis and summary of metrics addressing the anticipated energy, environmental and economic benefits that are realized by the project. All estimates shall reference credible sources and estimating procedures, and all assumptions shall be documented. Reporting shall commence the first calendar year after the contract is executed. Reports shall be submitted by January 31st for the previous calendar years' activities (i.e. reporting period). NYSERDA may decline to contract with Awardees that are delinquent with respect to metrics reporting for any previous or active NYSERDA agreement.

**Measurement & Verification** – Awarded solutions will have access to a third-party contractor to verify any claims of performance measurement and, in some cases, collect additional data, during implementation. Phase Two Awardees will be required to submit a Measurement & Verification Plan.

#### **IV. Proposal Evaluation**

Upon submission of a Proposal, the Proposal will be subjected to an administrative review to ensure compliance with proposer eligibility requirements. Eligible Proposals will advance to a Scoring Committee review. Each of the eligible Proposals will be assessed by Scoring Committee members, who will be assigned to score these Proposals after considering any potential conflicts of interest. Scoring Committee members will have the opportunity to review and discuss their assigned Proposals with all Scoring Committee members assigned to the same Proposals. Once this review has occurred, Scoring Committee members will finalize their scores.

Proposals that meet solicitation requirements will be reviewed by a Scoring Committee consisting of independent evaluators with relevant subject matter expertise using the Evaluation Criteria below. The Scoring Committee will base their scores on the Scoring Rubric in Attachment B.

- **Impactful:** Does the solution have the vision and scale of opportunity to provide needed electric transportation options to disadvantaged communities and reduce carbon emissions? How transformative is the solution for the impacted disadvantaged communities, both in the short and long term?
- **Community-Aligned:** To what degree has the community been engaged in the proposal development process? How durable are the existing partnerships and plans for successfully implementing ongoing, long-term community engagement that is aligned with, responsive to, and informed by proven community needs?
- **Feasible:** Is there a sound approach, thorough plan, sufficient resources, community buy-in, and necessary approvals (or plans for approval) to execute their solution? Is there a credible team with the experience, capacity, and existing (or planned) relationships needed to mitigate risk and succeed where other solutions have not?
- **Repeatable:** Is there a vision and roadmap to scale and/or replicate the solution to reduce emissions and benefit more disadvantaged communities in the long term? Is the team positioned to adapt, disseminate results, and build a transferrable model that will meet changing community needs and derive value for future implementation?

NYSERDA reserves the right to accept or reject Proposals based on the following Program Policy Factors:

- The degree to which there is diversity of solution set (technologies, approaches, methods)
- The degree to which there is diversity of geographic location
- The degree to which the proposed project directly addresses the goals of the New York Clean Transportation Prizes program
- The degree to which there are organizational risks associated with the project

After Scoring Committee review, a rank order of the Proposals will be populated. Once a rank order of Proposals has been populated from the Scoring Committee review, up to five (5) Proposers will be selected as Phase One Awardees. Phase One Awardees will be eligible to submit Phase Two Proposals. Of these Phase Two Proposals, up to three (3) will receive an Award of \$7 million each. Proposals will be evaluated based on the Evaluation Criteria and Program Policy Factors may be applied. NYSERDA may also recommend a modification to an Award. During each round of assessment, Proposers may be required to submit additional information, if necessary.

Note: Only projects located within communities served by electric utilities regulated by the New York State Public Service Commission are eligible to receive the funding available through this PON (4744). These utilities are: Central Hudson Gas & Electric, Con Edison, National Grid, New York State Electric & Gas, Orange and Rockland, and Rochester Gas and Electric.

Subject to the availability of funds, up to one project located within a community (or communities) served by the Long Island Power Authority (LIPA) may be selected for an additional Phase One award through this PON (4744). Up to one additional project located within a community (or communities) served by LIPA may be selected for a Phase Two award out of the Phase One awardees from all three challenges in the New York Clean Transportation Prizes program (PON 4743, PON 4744, PON 4745).

Projects located in other electric utility service territories are eligible to participate in the submission and evaluation process, and must identify a separate funding for grant awards. Up to one additional Phase One project may be selected from the other electric utility service territories to be provided with access to expert consultants and other

support services to prepare a Phase Two proposal. This additional project is not eligible to receive the planning grant, grand prize, nor funding for community partners from NYSERDA.

**V. General Conditions**

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

**Treatment and Use of Intellectual Property.** Each Proposal should reflect the anticipated ownership, use, and licensing of any intellectual property. Proposers represent and warrant that the Proposal is an original work created solely by the Proposer, that the Proposer owns all intellectual property in and to the Proposal, and that no other party has any right, title, claim or interest in the Proposal, except as expressly identified by the Proposer in writing in the Proposal.

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

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

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

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

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

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx>. Proposers are required to answer questions during Proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility (this includes a disclosure statement regarding whether the Proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

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

[http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contracting and filed with NYSERDA. See, ST-220-CA (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf>.

**Contract Award** - NYSERDA anticipates making multiple Awards under this solicitation. NYSERDA anticipates a grand prize implementation contract duration of up to three years, unless NYSERDA management determines a different structure is more efficient based upon Proposals received. A contract may be Awarded based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each Proposal should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement (see Attachment C) to contract successful Phase One Proposals. NYSERDA may at its discretion elect to extend and/or add funds to any project funded through this solicitation. NYSERDA expects to notify Proposers in approximately five (5) months from the Phase One Proposal due date whether your Proposal has been selected to receive a Phase One Award (see Timeline). NYSERDA may decline to contract with Awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

**Accessibility Requirements** - NYSERDA requires contractors producing content intended to be posted to the Web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#). Please see Proposal (<http://www.electricmobilitychallenge.org/application>) for additional information.

**Limitation** - This solicitation does not commit NYSERDA to Award a contract, pay any costs incurred in preparing a Proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all Proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject Proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement. NYSERDA reserves the right to disqualify Proposers based upon the results of a background check into publicly available information or the presence of a material possibility of any reputational or legal risk in making of the Award.

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

**Vendor Assurance of No Conflict of Interest or Detrimental Effect** - The Proposer shall disclose any existing or contemplated relationship with any other person or entity, including any known relationships with any member, shareholders of 5% or more, parent, subsidiary, or affiliated firm, which would constitute an actual or potential conflict of interest or appearance of impropriety, relating to other clients/customers of the Proposer or former officers and employees of NYSERDA, in connection with Proposer's rendering services as proposed. If a conflict does or might exist, please describe how your company would eliminate or prevent it. Indicate what procedures will be followed to detect, notify NYSERDA of, and resolve any such conflicts.

The Proposer must disclose whether it, or any of its members, or, to the best of its knowledge, shareholders of 5% or more, parents, affiliates, or subsidiaries, have been the subject of any investigation or disciplinary action by the New York State Commission on Public Integrity or its predecessor State entities (collectively, "Commission"), and if so, a brief description must be included indicating how any matter before the Commission was resolved or whether it remains unresolved.

**Public Officers Law** – For any resulting Awards, the Contractor and its subcontractors shall not engage any person who is, or has been at any time, in the employ of the State to perform services in violation of the provisions of the New York Public Officers Law, other laws applicable to the service of State employees, and the rules, regulations, opinions, guidelines or policies promulgated or issued by the New York State Joint Commission on Public Ethics, or its predecessors (collectively, the “Ethics Requirements”). Proposers are reminded of the following Public Officers Law provision: contractors, consultants, vendors, and subcontractors may hire former NYSERDA employees. However, as a general rule and in accordance with New York Public Officers Law, former employees of NYSERDA may neither appear nor practice before NYSERDA, nor receive compensation for services rendered on a matter before NYSERDA, for a period of two years following their separation from NYSERDA service. In addition, former NYSERDA employees are subject to a “lifetime bar” from appearing before any state agency or authority or receiving compensation for services regarding any transaction in which they personally participated, or which was under their active consideration during their tenure with NYSERDA.

Any Awardee will be required to certify that all of its employees, as well as employees of any subcontractor, whose subcontract is valued at \$100,000 or more who are former employees of the State and who are assigned to perform services under the resulting contract, shall be assigned in accordance with all Ethics Requirements. During the term of any agreement, no person who is employed by the contractor or its subcontractors and who is disqualified from providing services under the contract pursuant to any Ethics Requirements may share in any net revenues of the contractor or its subcontractors derived from the contract. NYSERDA may request that contractors provide it with whatever information the State deems appropriate about each such person’s engagement, work cooperatively with the State to solicit advice from the New York State Joint Commission on Public Ethics, and, if deemed appropriate by the State, instruct any such person to seek the opinion of the New York State Joint Commission on Public Ethics. NYSERDA shall have the right to withdraw or withhold approval of any subcontractor if utilizing such subcontractor for any work performed would be in conflict with any of the Ethics Requirements. NYSERDA shall have the right to terminate any contract at any time if any work performed is in conflict with any of the Ethics Requirements.

**Due Diligence** – NYSERDA, at its discretion, may conduct broad due diligence to validate any or all elements of an application and to assess applicants’ prospects of success, including gathering information to assess a Proposal relative to any of the topics listed in evaluation criteria, whether or not such topic is explicitly addressed in a Proposal. NYSERDA may conduct due diligence on some or all Proposals based on NYSERDA’s current guidelines at the time of a review. NYSERDA staff may follow up with Proposers to request additional information or clarification regarding applicant’s Proposal, including questions regarding applicant’s business prospects and resources, whether or not those questions are specifically related to the elements of the Proposal. Additionally, customized due diligence may be conducted by internal or external staff or contractors based on questions on any Proposal raised by NYSERDA staff and/or the Scoring Committee. Due diligence may include (but is not limited to): interviews of independent references and background checks of team members; assessment of prior business experience of any team member associated with a Proposal; research on intellectual property claims; customer and partner reference checks; market research on the applicants’ target market and any other related or possibly competitive technology or market area; research to validate any assumptions on current or future revenues, costs, capital needs, and financing prospects for Proposers’ business, including similar (or unrelated) technologies, processes, or competitive solutions; or any other research that could reasonably inform the evaluation of a Proposal, or the prospects for commercial success of the Proposers’ business (whether directly related to, or unrelated to the specific elements in a Proposal). Due diligence may include discussions with Proposers’ former and current business partners, employees, investors, customers, and competitors. Due diligence may be conducted by NYSERDA personnel or contractors including members of the scoring committee, before, during, or after a scoring process, and prior to finalization of a contract Award, any information gleaned in diligence may be used to score or re-score a Proposal.

## **VI. Attachments**

- A. Phase One Proposal Form
- B. Phase One Scoring Rubric
- C. Sample Agreement including Exhibit A - Statement of Work for Phase One Planning Grant Awards

NYSERDA PON 4854

## Renewable Optimization and Energy Storage Innovation Program

**Form Fillable Proposal Narrative for:**

### **The National Offshore Wind Research and Development Consortium – Innovations in Offshore Wind Solicitation 2.0**

**REQUIRED FOR FULL SUBMISSIONS ONLY**

Funding Category: [Click here](#)

**PROPOSAL TITLE:** [Click or tap here to enter text.](#)

Date of Submission: [Click or tap to enter a date.](#)

Submitted [with all required attachments](#) to:

New York State Energy Research & Development Authority

17 Columbia Circle

Albany, NY 12203

Attn: Jillina Baxter

Submitted by:

COMPANY NAME

Company Principal Investigator

Principal Investigator Phone #

Principal Investigator Email

NYSERDA PON 4854  
Enter Company Name

The instructions below are intended to guide the proposer through the full proposal submission, addressing pertinent information for a successful submission. The format provided is structured to query project information pertaining to the relevance and importance of the problem targeted and the probability that the project will meet its technical and commercialization objectives to ultimately solve the stated problem. **All final evaluations will be solely based on the project's anticipated performance, as supported in this Proposal Narrative and other Proposal Documents, against the Proposal Evaluation Criteria outlined in Section IV of the Opportunity Notice document.** All questions should be completed, unless they are indicated for a specific project type. Provide concise, clear, detailed, and direct responses to assist in the review of the proposal.

Images, charts and tables may be inserted where necessary and appropriate to support the text narrative. Embedded images may not be used to circumvent word count limits. Extraneous or excessive included materials may be disregarded or may result in a lower score.

For each funding category, the following sections (denoted by roman numerals) are REQUIRED. Multi-phase proposals must include all the sections required for every funding category included in the proposed project scope. For example, a multi-phase project including a Product Development (Category B) phase followed by a Demonstration (Category C) phase would require every section to be completed except Section VII.

Funding Category	Section													
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
Category A	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
Category B	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓
Category C	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓

## I. EXECUTIVE SUMMARY

Provide a non-proprietary summary of your proposal including:

**1. Round(s), Challenge Area(s):** Identify the Round(s) and Challenge Area(s) under which this proposal is being submitted, as defined in the Opportunity Notice. [Do not exceed 100 words]

[Click or tap here to enter text.](#)

**2. Team Members:** Identify all significant participants and their primary relevant qualifications. [Do not exceed 250 words]

[Click or tap here to enter text.](#)

**3. Background:** Describe the problem or opportunity being addressed, and its significance to the U.S. offshore wind industry. [Do not exceed 100 words]

NYSERDA PON 4854  
Enter Company Name



Click or tap here to enter text.

**4. Objective:** Describe the technical concept and how it will address the identified problem or opportunity. Tell how the concept will address and overcome barriers to offshore wind development in the United States. [Do not exceed 100 words]

Click or tap here to enter text.

**5. Scope:** Outline the technical and commercialization (if applicable) tasks that will be performed within the proposed Statement of Work. [Do not exceed 100 words]

Click or tap here to enter text.

**6. Benefits:** Provide an estimate of the ultimate impact the product or service resulting from this work may have in terms of reductions in the levelized cost of electricity (LCOE) of offshore wind, increased U.S. offshore wind supply chain opportunities, and other benefits sought by this solicitation. [Do not exceed 100 words]

Click or tap here to enter text.

## II. PROBLEM STATEMENT & PROPOSED SOLUTION

**1. What is the problem and who is the customer?** Describe the area of offshore wind technology that your project focuses on and the current state of the art. What opportunities exist for improvement and what is the significance to the U.S. offshore wind industry? Describe the customers for your technology in as specific terms as possible. Describe, in detail, your interactions with these customers so far. Describe your understanding of the customers' pain point, problem, or barrier that your solution will solve and indicate whether or how you have validated these needs. How is the industry addressing (or failing to address) the problem now?

[Do not exceed 600 words]

Click or tap here to enter text.

**2. What is your solution?** Describe your proposed solution (*i.e.* the product or service to be developed and the technology behind it) and how it addresses the problem or opportunity. Describe the solution in sufficient detail to support performance, cost, other claims, and include any innovative characteristics inherent to the proposed product or service. [Do not exceed 600 words]

Click or tap here to enter text.

**3. How well does your solution solve the customer's problem?**

- a. Describe how successful implementation of your solution would improve offshore wind technology and produce benefits for the U.S. offshore wind industry, ratepayers, and supply chain. Describe

NYSERDA PON 4854  
Enter Company Name

the value proposition you would make to a customer of your technology solution. [Do not exceed 200 words]

Click or tap here to enter text.

- b. Describe alternative products or services to your proposed solution and describe your solution's market superiority in terms of advantages/disadvantages over these competitors. When you do this, consider similar solutions, solutions that can be substituted, alternative methods of solving the problem, and the "do nothing" option. [Do not exceed 400 words]

Click or tap here to enter text.

- c. If similar ideas or technologies have failed to become commercially successful, explain why your solution is likely to be more successful. [Do not exceed 200 words]

Click or tap here to enter text.

**4. Business Model Canvas (Funding Categories B and C ONLY):** The Business Model Canvas is a strategic management and entrepreneurial tool. It will help you to describe, design, challenge, improve, and pivot your business model for the proposed product or supporting solution, regardless of whether you are in the feasibility/concept stage or ready to demonstrate it. Complete the Business Model Canvas found under "Associated Documents" on the webpage for this PON at NYSERDA's website. Once it is fully completed, please save a copy of the Business Model Canvas in PDF format and include it as Attachment B2 to this submission.

Has Business Model Canvas Template been attached (as req'd)? Yes/No

### III. STATE OF RESEARCH AND TECHNOLOGY TARGETS

**1. Technology and Commercialization Readiness Level Calculator:** Access the Technology Readiness Level (TRL) and Commercialization Readiness Level (CRL) Calculator found under "Associated Documents" on the webpage for this PON at NYSERDA's website. Complete the "Instructions & Calculator" worksheet. Once this worksheet is fully completed, please save a copy of the entire workbook in PDF format to include as Attachment B3 to your submission, and indicate the resulting TRL and CRL values below.

- a. Based on the "Summary & Results" worksheet from the link above, indicate the technology's current TRL: Start TRL
- b. Based on the "Summary & Results" worksheet from the link above, indicate the technology's expected TRL at the end of the project: End TRL
- c. Based on the "Summary & Results" worksheet from the link above, indicate the technology's current CRL: Start CRL

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- d. Based on the “Summary & Results” worksheet from the link above, indicate the technology’s expected CRL at the end of the project: End CRL
- e. The TRL/CRL Calculator workbooks for both current and end-of-project calculations should be attached. Is it? Yes/No

**2. Describe the **current state of research** and development of the technology as it relates to your proposal and how your proposal will enable follow-on from this existing research knowledge and the expected change in the technology readiness level because of the project. Include test data and other information that supports the technology’s current performance, cost, and other claims (include any graphics, images, or data needed for support after the text). Indicate whether the data, performance, cost, and other claims have been independently tested/validated. [Do not exceed 400words]**

Click or tap here to enter text.

**3. Provide the estimated goals (technical, performance, and cost) of the proposed solution:** 1) at the end of this project (or at the prototype stage if there will be no prototype by project conclusion) and 2) when fully commercialized. Provide support for your estimates. Note that end-of-project goals should match those in your proposed Statement of Work. [Do not exceed 400 words]

Click or tap here to enter text.

**4. Intellectual Property:** Describe any relevant intellectual property (IP), patents or licenses involved with your proposed solution. If appropriate, address patents (pending, filed or granted), patent searches performed, freedom to operate, ownership of the IP, reliance on other IP or agreements, the status of licensing your technology to others or your need to license others' technology, etc. If your solution would require access to platform IP or an enabling technology in the private domain, describe your plans for securing access. [Do not exceed 300 words]

Click or tap here to enter text.

**THIS SECTION SHOULD BE COMPLETED FOR FUNDING CATEGORY B & C PROJECTS ONLY**

## IV. COMMERCIALIZATION POTENTIAL OF PROPOSED PRODUCT

### 1. Past and Future Efforts:

- a. Indicate how much time and funding have been spent to bring the Offshore Wind technology to the current state of development. Indicate the amount and source of funding to bring this technology to its current state of development (e.g. self-funded, investor-funded, any previous publicly funded projects, etc.). Indicate whether you have participated in publicly sponsored market acceleration

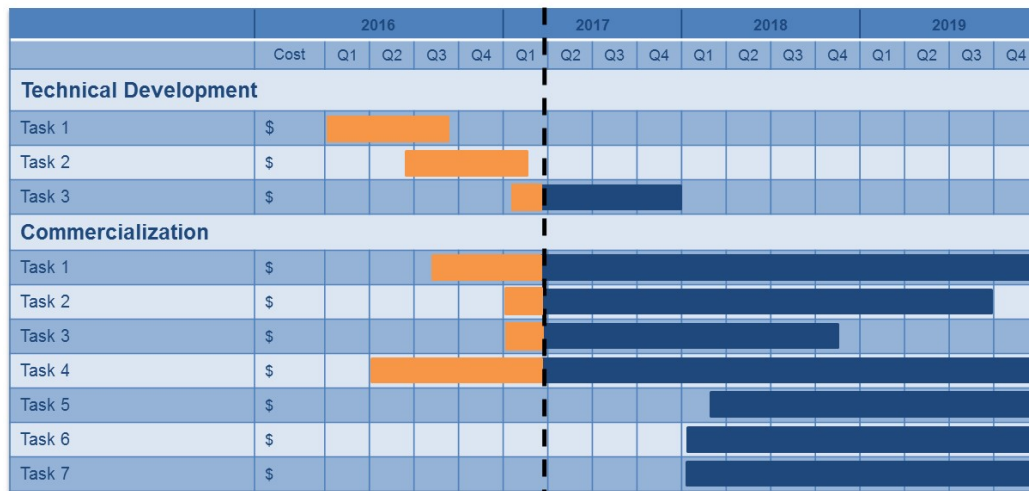
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program such as a technology incubator or entrepreneur-in-residence program. Also, indicate when significant milestones were achieved. [Do not exceed 300 words]

Click or tap here to enter text.

- b. Indicate how much time and funding will be needed to commercialize the Offshore Wind product or supporting solution and bring it to market **after completion of the proposed project**. Indicate anticipated sources of funding (i.e. private capital, federal funding, other research organizations, corporate partners, etc.) methods to acquire this funding. Identify any potential target strategic partners that could reduce the time to market of your product or service by providing access to marketing/sales channels, manufacturing facilities or other resources. Indicate when you expect to achieve significant milestones. You are encouraged to provide this information using a multi-year timeline graphic, starting at project commencement and going through product commercialization. This graphic may be embedded into his Proposal Narrative as an image. As an example, please refer to the sample Gantt chart provided below. [Do not exceed 300 words]

### Development Plan



Click or tap here to enter text.

### 2. Marketing and Sales:

- a. Identify target markets and their relative characteristics, including size, competition, regulatory constraints, and technological trends. (A bottom-up market description of your specific target markets is preferred, where you demonstrate an understanding of who your customers are and their needs, as opposed to a “generic” top-down approach. This should be directly tied to your Business Model Canvas.) [Do not exceed 350 words]

Click or tap here to enter text.

- b. Describe your proposed marketing strategies and why they will be successful. Describe how you will reach, engage, and distribute your product or supporting solution to the target market(s).

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Provide realistic sales/revenue estimates. Describe market entry barriers you will encounter and how you would expect to overcome them. [Do not exceed 350 words]

Click or tap here to enter text.

- c. Does the success of the proposed activity rely on a specific environment to achieve scale and function (i.e. it requires a certain brand of equipment or a particular setting or location)? [Do not exceed 350 words]

Click or tap here to enter text.

- d. Describe any partnerships and/or licensing agreements you have secured or will need to secure to undertake the project work that you propose. Describe the relationships and critical partnerships that will be required for the deployment and commercial success of your product or supporting solution. You should include letters of commitment from key partners that reinforce these relationships. [Do not exceed 350 words]

Click or tap here to enter text.

**3. Financial Projections:** Provide a three-year, high-level financial forecast for the product or supporting solution starting in the first year that it is commercially available. Include expected revenue, costs, and profits. The Three-Year Financial Projections template can be found under “Associated Documents” on the webpage for this PON at NYSERDA’s website. Once this worksheet is fully completed, please save a copy of it in PDF format and include the worksheet as an Attachment B4 to this submission. In preparing projections, please allocate corporate-wide costs, such as Depreciation or G&A to the specific product/solution that is the subject of the proposal, and indicate your assumptions or methods for that allocation

The Three-Year Financial Projections worksheet (Attachment B4) should be attached. Is it? Yes/No

**4. Manufacturing Plan:** Discuss your product manufacturing plan, including whether one of the team members will manufacture the product, if there will be a manufacturing partner, if a license will be sold for the technology, or if you have another strategy in mind. If you plan on manufacturing the product, describe your plans for initiating setup and expanding existing facilities. Discuss any key issues that will need to be addressed (i.e. any specialized equipment, strategic alliances, long lead time buying decisions, cost/volume issues, and plans for any service support functions to enhance the production). If you plan on licensing the technology, describe your licensing strategy, including your strategy to find licensing partners. [Do not exceed 500 words]

**5. Replication Potential (for projects that include pilot or validation testing ONLY):** How is the demonstration testing site(s) representative of and applicable to other types of locations, U.S. offshore wind areas and/or supply chains that could potentially benefit from using this product or service? What is the current market penetration in the United States? Describe the potential U.S. market (including market size) for the product or supporting solution that you expect to open by overcoming the barriers addressed in this proposal. [Do not exceed 500 words]

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Click or tap here to enter text.

**6. Field Testing Site (for projects that include pilot or validation testing ONLY):** Provide information about the demonstration testing site(s) that will host the product or supporting solution. This information should include the site contact, physical address, facility type, primary use, and other relevant information. Include an explanation of why the demonstration site is a good candidate for the technology or supporting solution to be tested. [Do not exceed 250 words]

Click or tap here to enter text.

**THIS SECTION SHOULD BE COMPLETED FOR FUNDING CATEGORY C  
PROJECTS ONLY**

## V. DEMONSTRATION TESTING SITE AND PRODUCT

**1. Field Testing Site:** Provide information about the demonstration testing site(s) that will host the product or supporting solution. This information should include the site contact, physical address, facility type, primary use, and other relevant information. Include an explanation of why the demonstration site is a good candidate for the technology or supporting solution to be tested. [Do not exceed 250 words]

Click or tap here to enter text.

**2. Letter of Commitment:** Have you secured a commitment of interest from the proposed product or supporting solution demonstration testing site(s) or decision makers? If so, include the letter of interest for each as an attachment. If not, describe the plan for identifying and securing commitments. [Do not exceed 250 words]

Click or tap here to enter text.

Letter(s) of site commitment should be attached. Complete? Yes/No

**3. Description of Product or Supporting Solution Being Tested:** Describe the specific product or supporting solution that will be demonstrated. Include information on any system components, key specifications, and a description of any site- or hardware-specific design issues. [Do not exceed 250 words]

Click or tap here to enter text.

**4. Provide the estimated cost and goals (technical, performance, cost, and other goals) of the specific product or supporting solution that you will be testing.** Describe technical and performance goals for the proposed demonstration testing project and provide support as to why they are achievable. Provide an economic analysis of the proposed technology, including an estimated cost/benefit ratio. [Do not exceed 250 words]

Click or tap here to enter text.

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**THIS SECTION SHOULD BE COMPLETED FOR FUNDING CATEGORY C PROJECTS ONLY**

## VI. REPLICATION POTENTIAL OF PROPOSED DEMONSTRATION

**1. Replication Potential:** How is the demonstration testing site(s) representative of and applicable to other types of locations, U.S. offshore wind areas and/or supply chains that could potentially benefit from using this product or service? What is the current market penetration in the United States? Describe the potential U.S. market (including market size) for the product or supporting solution that you expect to open by overcoming the barriers addressed in this proposal. [Do not exceed 500 words]

Click or tap here to enter text.

**2. Replication Strategy:** What is your strategy (both during the proposed project and after the project is complete) to promote market acceptance and replication in the U.S., and to stimulate more U.S. installations of the demonstrated product or supporting solution? Identify stakeholders that will be influential in accelerating adoption and describe plans for engaging with these stakeholders? Describe how the results from the demonstration project will be made public to a wider audience. [Do not exceed 400 words]

Click or tap here to enter text.

**34. Evaluation of Results:** Describe the evaluation plan for validating the observations conducted during project demonstration testing. You must include the following in describing the plan:

- Statement of the equipment installation, completion/implementation, and system commissioning.
- Adherence to all applicable local, state, and federal, fire, electrical, interconnection, environmental impact, and other relevant codes and standards.
- Describe in detail: the data acquisition system, its sampling schedule, supporting instrumentation, remote monitoring and report generating capabilities.
- Identify who will be responsible for all data collection, operator and maintenance interfacing, and tracking system performance.
- Identify how you will track system performance, pre- and post-installation/implementation of the proposed product or supporting solution at the demonstration site or fleet, and how these relate to the performance goals that you specified.
- Describe your plan to measure and validate this actual cost/benefit ratio during the demonstration testing.

[Do not exceed 500 words]

Click or tap here to enter text.

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**THIS SECTION SHOULD BE COMPLETED FOR FUNDING CATEGORY A PROJECTS ONLY**

## VII. Technical Feasibility Study Project Information

1. Provide statistics or other data for quantifying how significant the described problem you are seeking to solve is to the U.S. offshore wind industry. Quantify the problem's impact in terms of LCOE, a component of LCOE, or benefits to U.S. -based offshore wind manufacturing and supply chain, as appropriate. [Do not exceed 300 words]

Click or tap here to enter text.

2. Describe in detail the current or pending circumstance preventing the technology or service from being used in the described situation.

Examples of such circumstance include, but are not limited to, lack of technical development, insufficient U.S. manufacturing base or supply chain, real or perceived risks inhibiting project financing, outdated codes or standards, lack of information to form effective government regulations or policies, and unintended market disincentives. [Do not exceed 300 words]

Click or tap here to enter text.

3. Describe the strategies for removing barriers that prevent or limit wider use of the proposed technology or supporting solution. [Do not exceed 300 words]

Click or tap here to enter text.

4. Describe the technology transfer strategies that would be performed to educate relevant partners and stakeholders that the proposed technology's barriers have been removed. [Do not exceed 300 words]

Click or tap here to enter text.

## VIII. STATEMENT OF WORK & SCHEDULE

**1. Statement of Work:** The Statement of Work (SOW) is the primary contractual document that outlines work activities and quantifies deliverables. Complete the Statement of Work template in **Attachment B1**, found under "Associated Documents" on the webpage for this PON at NYSERDA's website, and include it in your proposal. The award Form of Agreement is also contained within this attachment, but it is provided for reference only and does not need to be included in your full proposal submission.

Your Statement of Work should be attached. Is it? Yes/No

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**2. Schedule:** Provide an overall schedule of the project and timing of major tasks and deliverables. Note that project tasks in the schedule should match the project tasks in the Statement of Work. The schedule should be in a bar chart starting with “Month 1”, Month 2”, etc.

[Click or tap here to enter text.](#)

## IX. ADDITIONAL PROJECT BENEFITS

[Click or tap here to enter text.](#)

**1.** Quantify any additional project benefits to the extent possible: resiliency & reliability benefits, congestion, etc., environmental benefits (e.g., emission reductions, minimizing hazardous materials, etc.), economic benefits (e.g., jobs created or retained, reduced life-cycle costs, enhanced economic viability, etc.), safety and security benefits (e.g., reduction in deaths, injuries and real property losses, etc.), and other benefits (e.g., cost of compliance with State or Federal regulations, enhanced quality of life issues, etc.). [Do not exceed 300 words]

[Click or tap here to enter text.](#)

**2.** Describe the methodology that will be used to collect the necessary data and quantify additional project benefits. [Do not exceed 300 words]

[Click or tap here to enter text.](#)

## X. BUDGET

**1. Complete a proposed Milestone Payment Schedule** per the template given as **Attachment C1**, found under “Associated Documents” on the webpage for this PON at NYSERDA’s website. Indicate requested funding in the column labeled “Project Funding.” Include budget for both technical and commercialization tasks, as appropriate. Note that contracts will be funded on a “milestone payment” basis; payments will be made to the Contractor upon successful completion of each identified Milestone, as determined by delivery of all associated Deliverables. If additional cost share is being provided, identify the source and allocate cost share funding in the columns provided. Multi-phase projects should make the division of the project into phases clear, and include subtotals for each phase as well as the overall project total.

**2. Complete the Input to DOE Sub-Recipient Budget Justification Form, Attachment C2**, found under “Associated Documents” on the webpage for this PON at NYSERDA’s website. List proposed NYSERDA and cost-share funding, if any, in the columns provided for each Budget Period. Budget Periods are defined according to the schedule agreed between NYSERDA and U.S. DOE, and are fixed as follows:

**Budget Period 1: from October 1 2018 to December 31 2019**

**Budget Period 2: from January 1 2020 to December 31 2020**

**Budget Period 3: from January 1 2021 to December 31 2021**

**Budget Period 4: from January 1 2022 to September 30 2025**

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It is anticipated that all project costs associated with awards under this solicitation would occur within Budget Period 4 as defined above.

Total budget amounts for each Budget Period given in the DOE Sub-Recipient Budget Justification Form must be consistent with the Milestone Payment Schedule (Attachment C1).

**3. Cost Sharing:** Project proposals do not require a minimum cost share. However, cost sharing that enables additional project scope and benefits will be favorably considered (refer to evaluation criteria).

- Cost sharing can be from the proposer, other team members, and other government or private sources. Contributions of direct labor (for which the laborer is paid as an employee) and purchased materials may be considered "cash" contributions. Unpaid labor, indirect labor, or other general overhead may be considered "in-kind" contributions. The proposal should clearly show all such additional funding in both the Milestone Payment Schedule and the DOE Sub-Recipient Budget Justification.
- NYSERDA and U.S. DOE will not fund efforts that have already been undertaken. The proposing team cannot claim as cost-share any expenses that have already been incurred.

The proposed Milestone Payment Schedule (Attachment C1) should be attached. Is it? Yes/No  
The DOE Sub-Recipient Budget Justification (Attachment C2) should be attached. Is it? Yes/No

## XI. PROPOSER QUALIFICATIONS

**In this section, you will describe your team, organization's strengths, key individuals and past performances.**

**1. Proposing Organization(s), Organizational Chart, and Location of Personnel:** Briefly describe your organization and the section/department/group proposing to carry out the work. Include date founded, the total number of employees, product portfolio, any previous examples of successful product commercialization, and geographic location. Include any sub-contractors and other sponsors with significant involvement. **Note that** if any sub-contractor not named in the proposal is to be paid more than \$50,000, a competitive bidding process must be used. (see the Sample Agreement, Attachment D). [Do not exceed 400 words]

[Click or tap here to enter text.](#)

**2. Qualifications of Key Individuals:** Identify key individuals that will be involved in the project and its success. Provide one- to two-paragraph summaries of relevant technical and business expertise of these individuals and provide their physical location. Submit resumes (as appendices) of all key project team members. [Do not exceed 400 words]

[Click or tap here to enter text.](#)

Resumes of key individuals should be attached. Are they? Yes/No

**3. Prior Experience:** List NYSERDA, DOE, or other Consortium member contracts awarded, if any, in the past five years. [Do not exceed 300 words]

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Click or tap here to enter text.

## XII. LETTERS OF SUPPORT

If other organizations or businesses are doing some of the work, providing services or equipment, or providing cost share, include a signed letter on that organization's letterhead describing their commitment and cash/in-kind dollar commitment. Include any letters of interest from potential customers for the product to be developed and/or to support claims made in your proposal.

Have letters of support been provided? Yes/No

## XIII. APPLICANT ASSUMPTION OF RISK FORM

Applicants under National Offshore Wind Research and Development Consortium are required to complete the Att. 2: Assumption of Risk Form found under "Associated Documents" on the webpage for this PON at NYSERDA's website.

Has the Applicant Assumption of Risk Form been completed and attached? Yes/No

## XIV. ATTACHMENTS

Please check the box to indicate which additional, attachments are included in your proposal submission. Appendices should be limited to documents directly supporting the narrative such as resumes, letters of support, calculations, business literature, and detailed schedules. Unless given their own upload field in the solicitation web portal, each supporting attachment should be appended to the end of this Att. A Proposal Narrative Template document. All files should be submitted in a searchable .pdf format.

- Att. B1: Statement of Work (required)
- Att. B2 Business Model Canvas Template (required for funding category B and C)
- Att. B3 TRL/CRL Calculation Worksheet (required)
- Att. B4 Three-year Financial Projection Worksheet (required for funding categories B and C)
- Att. C1 Milestone Payment Schedule (required)
- Att. C2 Input to DOE Sub-Recipient Budget Justification (required)
- Att. 2 Applicant Assumption of Risk Form (required)
- Letters of Site Commitment (required for projects with demonstration/testing component)
- Letters of Support
- Resumes
- References

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**ANDREW M. CUOMO**  
Governor

**NYSERDA**

**RICHARD L. KAUFFMAN**  
Chair

**DOREEN M. HARRIS**  
President and CEO

Carbontech Entrepreneurial Fellowship Program  
Program Opportunity Notice PON 4806

**\$9,146,000 Available**

*NYSERDA reserves the right to extend and/or add funding to the Solicitation should other program funding sources become available.*

**Proposals Due: Aug 2, 2021 by 3:00 p.m. Eastern Time**

### **Program Summary**

This New York State Energy Research and Development Authority (NYSERDA) Program Opportunity Notice (PON) 4806, the Carbontech Entrepreneurial Fellowship Program, seeks proposals to catalyze the establishment of a nation-leading carbontech innovation and commercialization program for entrepreneurial scientists in New York State. This PON will make funding available for a New York State based program that will support an eligible organization to set up and execute a fellowship program that provides financial and other support to entrepreneurial scientists with breakthrough carbontech innovations. NYSERDA will provide anchor funding for, and partnership to, the selected PON awardee. NYSERDA will collaborate with the awardee to design programming, secure private and public program funding, and to ensure the success of a diverse group of program grantees as they advance and commercialize their innovative carbontech solutions. Up to \$9,146,000.00 in NYSERDA program funding is anticipated to be available until December 31, 2025 to set up the Carbontech Entrepreneurial Fellowship Program, administer its activities, and ensure its long-term continued operation. All, some, or none, of the available funds may be awarded. NYSERDA reserves the right to add or reduce time and/or funding to awarded contracts.

**Proposal Submission:** Online submission is preferable. Proposers may submit Word, Excel, or PDF files (file formats include: csv, doc, docx, gif, jpeg, jpg, pdf, png, ppt, pptx, pps, ppsx, tif, txt, xls, xlsx, and zip). Individual files should be 100MB or less in file size. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility. Files should not be scanned. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. NYSERDA will also accept proposals by mail or hand-delivery if online submission is not possible. For detailed instructions on how to submit a proposal, click the link "Application Instructions and Portal Training Guide [PDF]" ([https://portal.nyserda.ny.gov/resource/1619795565000/NYSERDA\\_Solicitation\\_User\\_Guide](https://portal.nyserda.ny.gov/resource/1619795565000/NYSERDA_Solicitation_User_Guide)) located on the Funding Opportunity Detail page for this PON ([https://portal.nyserda.ny.gov/CORE\\_Solicitation\\_Detail\\_Page?SolicitationId=a0rt000001IS49B](https://portal.nyserda.ny.gov/CORE_Solicitation_Detail_Page?SolicitationId=a0rt000001IS49B)).

No communication intended to influence this procurement is permitted except by contacting Katie MacDonald (Designated Contact) at (518) 862-1090, ext. 3016 or by e-mail [carbontech4806@nyserda.ny.gov](mailto:carbontech4806@nyserda.ny.gov). If you have contractual questions concerning this solicitation, contact Venice Forbes (Designated Contact) at (518) 862-1090, ext. 3507 or [venicesolicitations@nyserda.ny.gov](mailto:venicesolicitations@nyserda.ny.gov). Contacting anyone other than the Designated Contacts (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offeror, and (2) may result in the proposer not being awarded a contract. At NYSERDA's discretion, questions received concerning this solicitation and/or responses to these questions may be posted publicly in anonymized form.

**\* All proposals must be received by 3 p.m. Eastern Time on the date noted above. Late, faxed, or emailed proposals will not be accepted.** Incomplete proposals may be subject to disqualification. It is the proposer's responsibility to ensure that all pages have been included in the proposal. Please note: for online submission, there are required questions that you will have to answer in addition to uploading attachments and you should allot at least 60 minutes to enter/submit proposals. The online proposal system closes promptly at 3 p.m. Eastern Time, files in process or attempted edits or submission after 3 p.m. Eastern Time on the date above, will not be accepted. If changes are made to this solicitation, notification will be posted on the "Current Opportunities" section of NYSERDA's website (<https://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx>).

## I. INTRODUCTION

The Carbontech Development Initiative announced by Governor Cuomo in April 2021, of which the Carbontech Entrepreneurial Fellowship Program is one component, envisions a collaboration between academia, private businesses, and the public sector to drive the creation of a thriving carbontech innovation ecosystem in New York State. Carbontech is a class of technologies that capture or convert carbon into valuable end products or services. This initiative will position New York State to lead the nation in the commercialization of carbontech research and will position the State to take advantage of the over \$1 trillion total available market for carbontech in the U.S. alone and a nearly \$6 trillion market globally.<sup>1</sup> New York State recognizes the role for carbontech in the context of its nation-leading climate legislation and seeks to develop a first of a kind 'carbontech valley' in New York as a global anchor point for the research, development, and commercialization of carbontech products to meet the world's growing need for carbon capture, utilization, and storage solutions.

The Federal government has indicated plans to invest in carbon capture, carbontech, and carbon removal, making New York's creation of the Carbontech Entrepreneurial Fellowship Program timely from the perspective of state and federal collaboration in this sector. Many large philanthropic organizations have also expressed interest in funding carbontech work, including Elon Musk with his recently announced \$100 million carbon removal prize being administered by the X Prize Foundation and Bill Gates' recent announcement of \$1 billion raised for climate innovation projects including for negative emissions technologies. The IPCC has indicated that to limit global warming to 1.5 degrees Celsius, affordable carbon capture solutions will be indispensable.<sup>2</sup> Independent analysis contracted by New York's Climate Action Council

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<sup>1</sup> Jacobson, R. & Lucas, M. A Review of Global and U.S. Total Available Markets for Carbontech.

<sup>2</sup> de Coninck, H., A. Revi, M. Babiker, P. Bertoldi, M. Buckeridge, A. Cartwright, W. Dong, J. Ford, S. Fuss, J.-C. Hourcade, D. Ley, R. Mechler, P. Newman, A. Revokatova, S. Schultz, L. Steg, and T. Sugiyama, 2018: Strengthening and Implementing the Global Response. In: *Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty* [Masson-Delmotte, V.,

articulated that over 15% of New York’s emissions will require negative emissions (or carbon removal) to neutralize.<sup>3</sup>

There is a gap in our current carbontech ecosystem. Universities and research institutions are the source of numerous innovations, yet they are ill-equipped to commercialize the technologies their researchers produce. At the same time, these innovations are too early and too risky to be appealing to private investors, so many are never commercialized. Specifically, long technology development times, high capital requirements, costly research and development equipment and lab infrastructure, and a lack of mentorship and connectivity to industry partners can all hinder progress toward achieving long-term commercial success. By investing in the potential of the scientists behind these innovations, through a multi-year fellowship, NYSERDA intends to support the transformation of scientists into entrepreneurs, supporting them as they develop their technologies, build their teams, and secure further investments from public and private sources. Through this program, NYSERDA plans to attract talent to this sector in New York, build out a diverse and inclusive innovator pipeline, and ensure a higher number of innovations make it from lab to market for climate impact.

NYSERDA seeks a Fellowship Partner capable of creating and executing a fellowship program in New York that addresses some of these key gaps and supports scientists as they build innovative carbontech businesses that can support New York’s climate goals. NYSERDA’s core objective for the Fellowship Partner is to create and operate a carbontech-focused entrepreneurial science fellowship program in New York State. The anticipated results of this program include advancement of the carbontech sector through commercialization of innovation, economic development and job creation in New York, and progress towards New York’s climate goals in an inclusive and equitable manner.

### **Definitions:**

- **Carbontech**: Carbontech represents a diverse set of technologies, some of which will be essential to meeting Climate Leadership and Community Protection Act (CLCPA) goals affordably. NYSERDA’s definition of carbontech excludes any products or services that increase the emission of greenhouse gases or emit substantial greenhouse gases or other environmental pollutants through operation.
- **Hard Tech**: Technology solutions based on substantial scientific or engineering advances and frequently involving physical hardware and/or physical products.
- **Fellowship Partner**: An entity that will, alongside NYSERDA, co-develop and operate a nation-leading Carbontech Entrepreneurial Fellowship Program and will commit to promoting the State as a national leader in carbontech innovation. The Fellowship Partner will ensure the delivery and quality of all program activities (as listed in the Services Requested section of the PON).
- **New York State Based Program**: The Fellowship Partner must operate the program in New York State. The program’s staff must be based in New York State, fellows must be primarily based in

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P. Zhai, H.-O. Pörtner, D. Roberts, J. Skea, P.R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J.B.R. Matthews, Y. Chen, X. Zhou, M.I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, and T. Waterfield (eds.)). In Press.

<sup>3</sup> E3. New York State Decarbonization Pathways Analysis Summary of Draft Findings. (2020).

New York State, and the physical program resources offered to fellows must be located at facilities in New York State.

- Demonstrated Benefit to New York State: Examples of activities that represent a ‘Demonstrated Benefit to New York State’ include:
  - Having some portion of an organization’s workforce (beyond at least one employee), such as research and development, manufacturing, and/or sales, based in New York State; and/or
  - Benefiting supply chain partners, vendors, investors, and/or service providers in New York State; and/or
  - Having an addressable market of current or future customers within New York State.
- Direct Expenses: Expenses that are directly related to delivering the Services Requested. These costs can be identified specifically with a particular service/activity/task or can be directly assigned to a particular service/activity/task relatively easily and with a high degree of accuracy. These costs do not include overhead, administrative costs, or other operational costs required to administer the Carbontech Entrepreneurial Fellowship Program.
- Indirect Expenses: Expenses that are indirectly related to delivering the Services Requested. These costs include administrative costs, overhead, other expenses requested to deliver the Services Requested in this PON that are not Direct Expenses and/or are costs incurred for a common or joint purpose benefitting more than one service/activity/task and not readily assignable to a specific service/activity/task.

## II. PROGRAM REQUIREMENTS

### A. Opportunity Summary

The Fellowship Partner will be tasked with leading the creation and operation of a Carbontech Entrepreneurial Fellowship Program in New York State. \$9,146,000.00 in NYSERDA funding is available to fund this effort through this PON.

NYSERDA will play a hands-on role in developing program plans with the Fellowship Partner and anticipates frequent communication. NYSERDA intends this program to be self-sustaining in the long term. In addition to providing perspectives, input, and serving in multiple program governance capacities, NYSERDA will play an active role to support the Fellowship Partner as it raises additional funding for the program.

### B. Available Funding, Awards, and Terms

NYSERDA seeks proposals for up to \$9,146,000.00 in NYSERDA funding to be expended before December 31, 2025. NYSERDA reserves the right to add or reduce time and/or funding to awarded contracts. Proposers may propose the use of funds for activities related to the Services Requested under Section D of this PON and any other activities necessary to achieving the outcomes described in the Program Impact section of this PON.

Proposers must propose a scope of work that details how they will structure activities to facilitate the largest program impact possible (see Program Impact section of the PON for details). Proposers must describe how they plan to achieve program impact outcomes by leveraging NYSERDA funding plus additional fundraising. Proposers must also propose a plan for the financial sustainability of the

program after NYSERDA's funding ends. All requirements listed in the Scope of Work Requirements section of this PON must be incorporated into proposed plans by the proposer.

### C. Eligibility and Proposer Qualifications

#### *Eligibility Criteria*

The following eligibility criteria must be met for the proposal to be evaluated and scored:

- Fellowship Partner Definition: The proposer must comport with the definition of Fellowship Partner in the Definitions section above.
- Satisfactory performance on NYSERDA projects: The proposer must be in good standing with respect to all requirements of past or current NYSERDA projects, if any, including the delivery of required reporting and recoupment.

#### *Key Qualifications for Proposers*

- Entrepreneurial Science Fellowship Program Operating Experience: The Fellowship Partner's team must have a track record of facilitating the commercialization of technology innovations by supporting entrepreneurial scientists. Experience in replicating a successful fellowship model in new geographic locations is preferred. For the purpose of demonstrating this experience, the proposer's team may include individuals not directly employed by the Fellowship Partner in their proposal including, but not limited to, paid or unpaid advisory board members and employees of partner entities. The presence of a more experienced and qualified team will be viewed more favorably in the proposal review process.
- Hard Tech Innovation and Commercialization Capacity: The Fellowship Partner must be able to provide its fellows with the resources required to commercialize leading-edge hard tech innovations in the carbontech sector. Such resources include, but are not limited to, research facilities, technical experts, commercialization experts, industry training, and other programming and resources relevant to founders of hard tech companies. If the proposer does not have existing expertise in the carbontech space, they must demonstrate how they plan to leverage partner resources as part of their program plan.
- Fundraising Experience: The Fellowship Partner's team should demonstrate a track record of having successfully secured funding to support entrepreneurial fellowship activities. Funding sources of interest include, but are not limited to, philanthropic, corporate, and/or Federal grants.

### D. Services Requested

The Fellowship Partner will be responsible for executing a Carbontech Entrepreneurial Fellowship Program that runs a competitive fellow selection process, awards at least 10 fellowships per year as a result of this selection process, and provides at least the following services to fellows:

- Funding: A stipend that covers living expenses, travel, and health insurance for approximately two (2) years, to ensure that fellows are financially supported and able to fully commit to commercializing their technology, and a grant for initial research funding for early-stage technology development.



- Resources and Tools: Access to the resources and tools that are necessary for commercializing hard tech innovations, including, but not limited to, equipment and lab space that is typically cost-prohibitive for early-stage hard tech startup companies, and access to world-class scientists and researchers as mentors and collaborators.
- Entrepreneurial Education: A training program that prepares scientists to launch successful companies. This program might include access to mentorship, workshops, classes, professional development, and advisors with relevant experience that collectively support research scientists to successfully commercialize their technologies. Example training topics include executive team building, finance, fundraising, communications, human resources, carbontech industry and regulatory training, building a diverse, equitable, and inclusive workplace, etc.
- Community and Network: A diverse community of peers and advisors within which fellows can benefit from a broad network of experts in the fields of science, entrepreneurship, and technology commercialization. The program's expert network may be geographically distributed.

#### E. Program Impact

NYSERDA invests funds with the goal of realizing climate impact. NYSERDA is interested in working with a Fellowship Partner capable of maximizing the impact of NYSERDA's investment in the following areas:

- Greenhouse Gas (GHG) Impact: NYSERDA seeks to support the commercialization of solutions that have a high emissions reduction potential (ERP) and a realistic path to market impact on a timeline that is material to addressing the climate crisis and the goals of the CLCPA. NYSERDA will work with the Fellowship Partner to identify an appropriate framework for calculating ERP for Fellowship applicants. Proposers should describe any experience they have in evaluating the GHG ERP of solutions and how they have supported the development of solutions that reduce emissions.
- Product Commercialization and Economic Development: A goal of this program is to support the commercialization of products along their path to broad adoption and substantial carbon impact at a State and national scale. NYSERDA is looking to partner with an organization capable of facilitating the activities of carbontech innovators and accelerating the progress of carbontech products from lab to market. As an outcome of this program, NYSERDA expects the Carbontech Entrepreneurial Fellowship Program will generate new jobs and new companies in New York, follow-on investments, product sales, and licensing revenues based on innovative carbontech products created.
- Leverage: Proposers must outline how they plan to achieve a high leverage rate on NYSERDA's capital. NYSERDA calculates leverage by the following equation:
  - $\text{Leverage Rate} = [\text{Non-NYSERDA funding (3}^{\text{rd}} \text{ Party Investments, Non-NYSERDA Grants, and Cost Share)} + \text{NYSERDA funding}] / \text{NYSERDA-funding} : 1$

#### F. Scope of Work Requirements

- **Timeline:** NYSERDA will work with the Fellowship Partner to design a schedule for the deployment of funding. The proposer’s proposed scope of work must reflect all of NYSERDA’s funds being spent before Dec. 31, 2025. NYSERDA will remain under contract with the Fellowship Partner until all fellows funded in full or in part by NYSERDA have completed their respective cohort(s).

*Example Program Schedule*

The following table provides guidelines for an example schedule for this program. Proposers should propose the most aggressive timeline possible that is reasonable and feasible. All scope of work elements and associated timelines and payments will be negotiated with the Fellowship Partner during the NYSERDA contracting process.

<b>Approximate Date</b>	<b>Key Performance Milestones</b>
Sep 2021	<ul style="list-style-type: none"> <li>• PON awardee notification</li> </ul>
Oct 2021	<ul style="list-style-type: none"> <li>• Award contract with NYSERDA signed</li> <li>• Strategy for long-term financial sustainability completed</li> </ul>
Nov 2021	<ul style="list-style-type: none"> <li>• Program staff hired</li> <li>• Program partners contracted and onboarded</li> <li>• Fellow recruitment launched</li> </ul>
Apr 2022	<ul style="list-style-type: none"> <li>• First fellow cohort selected</li> <li>• First cost share due</li> <li>• Strategy for long-term financial sustainability updated</li> </ul>
Apr 2023	<ul style="list-style-type: none"> <li>• Second fellow cohort selected</li> <li>• Second cost share due</li> <li>• Strategy for long-term financial sustainability updated</li> </ul>
Apr 2024	<ul style="list-style-type: none"> <li>• Third fellow cohort selected</li> <li>• Third cost share due</li> <li>• Strategy for long-term financial sustainability updated</li> </ul>
Apr 2025	<ul style="list-style-type: none"> <li>• Fourth cohort selected</li> <li>• Strategy for long-term financial sustainability updated</li> </ul>
Dec 2025	<ul style="list-style-type: none"> <li>• All NYSERDA funds expended</li> </ul>
Oct 2026	<ul style="list-style-type: none"> <li>• Final Report completed</li> </ul>

- **Execution Plan:** Proposers must submit a scope of work in the Proposal Narrative (Attachment A). NYSERDA’s funds will be distributed on a deliverables schedule. All proposed milestones and timeline expectations in the proposer’s submitted scope of work will be subject to negotiation and adjustment during the contract negotiation process between a PON awardee and NYSERDA.

- Reporting Requirements: In addition to the reporting requirements referenced in the Outcomes and Impact Section below, awardees will be responsible for completing comprehensive reports every six (6) months to ensure NYSERDA is aware of Fellowship Partner use of funds (both NYSERDA and cost share) and progress against key milestones, contract deliverables, and performance targets, most of which will be negotiated with the Fellowship Partner once an award is made. The Fellowship Partner will also be required to include an update on its strategy for its long-term financial sustainability and the current status of fundraising in these reports. The NYSERDA Program Manager will schedule meetings with the Fellowship Partner on a regular basis to ensure alignment. The Fellowship Partner will also be required to submit a Final Report to NYSERDA at the end of the contract period.
- Budget: Project budgets should include all costs required to execute the program. The proposed budget should be detailed in the Proposal Narrative (Attachment A) and Budget Template (Attachment B). Proposers should indicate in the Budget Template what portion of each expense is a Direct Expense and what portion of each expense is an Indirect Expense. Proposers should, to the greatest extent possible while still ensuring the delivery of a high-quality program, maximize the use of NYSERDA funds for Direct Expenses and minimize the use of NYSERDA funds for Indirect Expenses. All elements of the proposed budget will be subject to negotiation and adjustment during the contract negotiation process between a PON awardee and NYSERDA.

#### G. Cost Share

- Cost Share Context: NYSERDA expects to provide seed funding for this program. These funds are intended to attract additional outside funding (federal, philanthropic, corporate, etc.) to the program to support its growth and to ensure program sustainability after NYSERDA support ends. NYSERDA views cost share as a means to grow the total impact of this program and demonstrate the proposer's commitment and ability to move quickly. Proposers must explain how they will apply cost share to enable maximum program impact as outlined in the Program Impact section of this PON.
- Cost Share Requirements:
  - i. The proposer must present a plan for securing 25% of their proposed budget in non-NYSERDA cost share. This 25% requirement applies to the program budget between start of contract and December 31, 2025.
  - ii. Proposers are expected to propose their strategy for obtaining the required program cost share in their proposal. The proposer's statement of work should include aggressive cost share targets for every year of the contract. These 'cost share due' milestones will be prerequisites for securing portions of NYSERDA's funding every year of the contract.
  - iii. Proposers are not required to provide proof of cost share upfront in response to this PON.
  - iv. Proposers with proof of cost share for some or all of their proposed cost share contribution provided upfront in their proposal will be strongly preferred in NYSERDA's scoring process.
  - v. Proposers are expected to include a strategy in their proposal for reaching full financial sustainability and independence from NYSERDA funding starting on January 1, 2026.
  - vi. Proposals that request more than the "Maximum NYSERDA Contribution" specified in the table below will be considered noncompliant. NYSERDA will not review or consider noncompliant proposals.

*Available Funding and Cost Share Table*

<b>Maximum NYSERDA Contribution to Total Program Budget</b> %	<b>Applicant Minimum Cost Share of Total Program Budget</b> %	<b>Maximum NYSERDA Contribution</b> \$
75%	25%	\$9,146,000.00

- **Cost Share Types:** NYSERDA will accept the following forms of cost share as part of a contract with the awardee. Proposers may provide cost share in the form of cash or in-kind contributions. Cash contributions include, but are not limited to, personnel costs, fringe costs, supply and equipment costs, indirect costs, and other direct costs. In-kind contributions are those where a value of the contribution can be readily determined, verified, and justified but where no actual cash is transacted in securing the good or service comprising the contribution. Allowable in-kind contributions include, but are not limited to, the donation of volunteer time or the donation of space or use of equipment. Cost share contributions must be specified in the project budget, verifiable from the proposer’s records, and reasonable for executing the program. NYSERDA will not fund efforts that have already been undertaken. The proposing team cannot claim as cost share any expenses that have already been incurred.

H. NYSERDA’s Role

NYSERDA will work closely with the Fellowship Partner to develop and grow a successful Carbontech Entrepreneurial Fellowship Program. NYSERDA will closely coordinate with the awardee in the following areas:

- **Program Design:** NYSERDA will work with the Fellowship Partner to structure a fellowship program that maximizes the outcomes specified in the Program Impact section of this PON. The NYSERDA Project Manager will work with the Fellowship Partner to ensure the contract comports with the standards and expectations of NYSERDA as outlined in this PON.
- **Technology Foci:** NYSERDA and the Fellowship Partner will work together to define relevant technology categories and priorities within the carbontech industry theme. NYSERDA is primarily interested in investing in solutions, innovations, and systems that can enable capture, storage, and utilization of carbon on a scale and timeline that can materially impact the global climate crisis and help achieve CLCPA targets.
- **Fellow Eligibility and Evaluation Criteria:** NYSERDA is primarily interested in supporting highly-trained, likely graduate-level, scientists. However, NYSERDA and the Fellowship Partner will collaborate to determine the final definition of eligibility and evaluation criteria for Fellowship Program applicants. NYSERDA and the Fellowship Partner will agree on procedures for application review, certification, and contract development and will define contractual arrangements between NYSERDA and the Fellowship Partner that reflect these expectations and standards. All standards must comply with NYSERDA’s competitive procurement requirements.

I. Governance

NYSERDA will execute a contract with the selected awardee for this PON. Over the course of this contract, the following governance rules will apply. Additional contractual obligations under this program can be found in the Sample Agreement (Attachment C).

- For the expenditure of NYSERDA funding, NYSERDA will work with the Fellowship Partner to develop processes and procedures necessary to ensure the execution of this program is aligned with the goals and policies of NYSERDA. These processes and policies will be contained in contract(s) between NYSERDA and the Fellowship Partner. At least the following governance steps will be taken:
  - Develop Fellowship Opportunities: Development of a process for creating, updating and advertising Fellowship Opportunities, including the intake and tracking of fellowship applications. NYSERDA will work with the Fellowship Partner to prioritize technologies that reflect NYSERDA's policy goals. Fellowship opportunities will be released as competitive solicitations and will be made publicly available.
  - Review: Creation of an application review and approval process with the Fellowship Partner that meets NYSERDA's criteria and updating those criteria as necessary with partners as additional co-funders join the initiative.
  - Contracting: Articulation of standards for payment, milestones, and deliverables, and standard terms and conditions for contracts between the Fellowship Partner and awarded fellows. NYSERDA will reserve the right to audit deliverables under these contracts and to request project site visits.
  - Additional Board(s): Should the Fellowship Partner propose the creation of any additional formal bodies or advisory groups or boards (in order to engage additional funders, donors, and/or partners, etc.) as part of this program, any parties selected to participate on such committees will be made known to NYSERDA before being confirmed and NYSERDA will be invited to participate on any such boards for the duration of the contract.
  - Media: Development of the website(s) and software platform(s) used for publicity, media, funding opportunities, application intake, contracting, and invoicing will be managed by the Fellowship Partner. Branding and marketing will be subject to NYSERDA review and approval. The website(s) and software will be subject to NYSERDA's cyber security and accessibility requirements.
  - Due Diligence: Creation of a process for conducting due diligence on potential fellows including, but not limited to, verifying claims and the ability to perform background checks as needed.
  - Program Changes: Creation of a process whereby changes are made to the program over time to adjust to changes needed to advance the Carbontech Entrepreneurial Fellowship Program. Final sign off on changes will be subject to NYSERDA agreement.
  - Outcomes and Impact: The awarded Fellowship Partner will be required to comport with NYSERDA's reporting requirements including an annual metrics survey that will require the Fellowship Partner to secure data and information from their fellows.

In addition, the NYSERDA Project Manager will outline requirements for regular progress reports and ongoing communications in order to capture notable outcomes and track progress across key areas of program impact. The Fellowship Partner will be asked to provide comprehensive information on fellows to complete case studies on program impact. The Fellowship Partner will work with the NYSERDA Project Manager to determine the type of studies performed. Options include, but are not limited to, product development/demonstration impact studies, historic tracing case studies, and/or macroeconomic impact analyses to quantify emissions, job creation, and other economic impacts associated with NYSERDA investment.

- Fundraising & Partnership: NYSERDA will collaborate with the Fellowship Partner to ensure the long-term sustainability of the program. NYSERDA may provide letters of support for funding opportunities, support recruiting funders alongside the Fellowship Partner, support applying to funding opportunities with the Fellowship Partner, etc. NYSERDA will leverage its industry and governmental connections to drive additional private and public sector funders and collaborators towards the Carbontech Entrepreneurial Fellowship Program over the course of NYSERDA's engagement as a program funder, and after.

J. Potential Conflicts of Interest

Proposers must identify the nature of any potential conflicts of interest among team members and partners in providing services to NYSERDA under this PON. Fully discuss possible conflicts of interest, actual and perceived, which could arise in connection with performance by team members and partners of the proposed contract. Describe how your organization would resolve conflicts of interest. In the event that NYSERDA determines that a team member may have a conflict of interest or the appearance of such, NYSERDA may: (1) take this into consideration in evaluating the proposal; (2) exclude the proposer from consideration for an award; (3) adjust the scope of work to avoid the conflict or appearance of conflict; or (4) negotiate other appropriate actions with the team member to avoid the conflict or appearance of conflict.

K. Freedom of Information Law

The intake and processing of records under this program by the Fellowship Partner will be subject to New York's Freedom of Information Act Law (FOIL), and as such, NYSERDA-approved processes will be required to manage records, particularly regarding confidential information or trade secrets. NYSERDA's legal department will provide guidance and support to the PON awardee at time of contract negotiation to ensure sufficient record keeping and document management processes are established at the start of the NYSERDA contract.

L. Letters of Support and Commitment

If a proposer is relying on any other organization to do a portion of the work, provide services or equipment, participate as a key partner, or share in the non-NYSERDA cost, the proposer must include a binding letter from that organization describing its planned participation. Also include letters of support or binding letters of commitment from partners or other organizations critical to the development, implementation, and success of the project. Letters should not be solicited from NYSERDA personnel.

### III. **PROPOSAL REQUIREMENTS**

Proposers must submit their proposal by the due date in accordance with the instructions described on the front page of this PON. The proposer's goal should be to concisely present the information needed to fully address the Proposal Evaluation criteria (see Section IV). Proposals that exceed the page limits or fail to follow the format guidelines in Attachment A may be rejected as non-responsive. If the proposer believes that proprietary information must be submitted to provide an adequate proposal, the proposer must comply with the Section V instructions for submitting proprietary material. Proposals should not be excessively long or submitted in an unnecessarily elaborate format.

Unnecessary proposal materials beyond those sufficient to present a complete, comprehensive, and effective proposal may reduce, rather than increase, a proposal's standing per the evaluation criteria. Each page of the proposal should state the name of the proposer, the PON number, and the page number. The proposal must be in the following format, with items in the sequence shown.

A. Proposal Narrative

Complete PON Attachment A – Proposal Narrative. The Proposal Narrative contains the following sections:

- I. Project Summary
- II. Project Description
- III. Financial Plan
- IV. Statement of Work, Milestone Payment Plan, and Schedule
- V. Proposer Qualifications
- VI. Project Impacts
- VII. Letters of Support and Commitment
- VIII. Attachments

Proposers must carefully review the Proposal Narrative to ensure that all required sections are completed. Failure to do so may result in the proposal being rejected as non-responsive.

B. Budget Template

Complete PON Attachment B – Budget Template. Proposers should indicate in the Budget Template what portion of each expense is a Direct Expense and what portion of each expense is an Indirect Expense.

#### **IV. PROPOSAL EVALUATION**

Proposals that meet the solicitation requirements will be reviewed by a Scoring Committee and will be scored and ranked according to the criteria listed in this section. At NYSERDA's discretion, proposers may be requested to interview with all or part of the Scoring Committee to address any potential questions or clarifications outlined in the proposals. Proposers will be notified if they are requested to attend an interview. After the proposals are reviewed, NYSERDA will issue a letter to each proposer indicating whether they have been selected for funding.

The proposer selected for funding will be invited to enter into contract negotiations with NYSERDA. The proposer's Statement of Work and budget will form the basis of contract negotiations and the proposer may also be asked to address specific questions or recommendations of the Scoring Committee prior to any contract award.

## A. Eligibility Requirements

A negative response to any one of the questions below may eliminate the proposal from further consideration.

Does the proposer:

- Comport with the definition of Fellowship Partner in this PON?
- Propose a budget with NYSERDA contribution equal to or less than the maximum specified in this PON?
- Propose a budget with proposer cost share equal to or greater than the minimum specified in this PON?
- Exist in good standing with respect to all requirements of past or current NYSERDA projects, if any, including the delivery of required reporting and recoupment?

## B. Evaluation Criteria

### Qualifications and Experience (40%)

- To what degree does the proposer demonstrate the commitment of a qualified and experienced team and set of partners for carrying out the proposed program, as evidenced by resumes of key team members, letters of support or binding letters of commitment from planned partners, etc.
- To what degree does the proposer's team, including advisors, partners, service providers, and any other individuals or entities that will be part of delivering the Services Requested in this PON, demonstrate a track record of executing the Services Requested in this PON and achieving the Program Impacts in this PON?
- To what degree does the proposer demonstrate the capacity to replicate, or experience in replicating, this success in new geographic locations?
- To what degree do the proposer's key team members and potential partners provide evidence of their experience, expertise, capabilities, and leadership in hard tech commercialization?
- To what degree does the proposer's team demonstrate a strong track record of raising funds for entrepreneurial fellowship activities?

### Program Plan (20%)

- To what degree does the proposer define a clear and compelling case for delivering the Services Requested in this PON?
- To what degree does the proposer define a clear and compelling case for achieving the Program Impacts in this PON?
- To what degree does the proposer's plan maximize the number of fellows supported by the program?
- To what degree is the proposer's statement of work reasonable and feasible?
- To what degree does the proposer outline program milestones and a program timeline which match or exceed the ambition of the Example Program Schedule set forth by NYSERDA in this PON?
- To what degree does the proposer's recruitment plan promote Diversity, Equity, and Inclusion?

### Resources (20%)

- To what degree has the proposer identified the resources necessary to enable fellows to successfully commercialize leading-edge carbontech innovations in New York State, including, but not limited to, physical infrastructure like laboratory facilities, and human resources like expert technical and commercial mentors?



- To what degree has the proposer presented evidence that they have secured the resources fellows will need, within New York State if applicable, to successfully commercialize leading-edge carbontech innovations?
- To what degree has the proposer secured letters of support or binding letters of commitment from planned program partners who will play a role in delivering important program resources?

#### Budget and Fundraising (20%)

- To what degree does the proposer present a reasonable and efficient plan for how NYSERDA's funds and other funds will be used, including, but not limited to, the degree to which the plan, to the greatest extent possible while still ensuring the delivery of a high-quality program, maximizes the use of NYSERDA funds for Direct Expenses and minimizes the use of NYSERDA funds for Indirect Expenses?
- To what degree does the proposer present cost share commitment at the time of application, including binding letter(s) of commitment from cost share contributors?
- To what degree does the proposer present a credible fundraising plan and strategy for securing cost share over the course of the program and ensuring the financial sustainability of this program after NYSERDA's funding ends?

#### C. Program Policy Factors

NYSERDA reserves the right to accept or reject proposals based on the following factor(s):

- The degree to which the proposed project optimizes the use of available funding to achieve programmatic objectives.
- The degree to which the proposer has the resources to be able to complete the project.

## V. GENERAL CONDITIONS

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

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

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

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

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

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

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx>. Proposers are required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility (this includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

**Tax Law Section 5-a** - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000 to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contracting and filed with NYSERDA. See, ST-220-CA (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf>.

**Contract Award** - NYSERDA anticipates making one award under this solicitation. NYSERDA anticipates a contract duration of five years, unless NYSERDA management determines a different structure is more efficient based upon proposals received. Contracts may be awarded based on initial proposals without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each proposal should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support proposals. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA may at its discretion elect to extend and/or add funds to any project funded through this solicitation. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the checklist questions. Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately four weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

**Accessibility Requirements** - NYSERDA requires contractors producing content intended to be posted to the Web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#).

**Limitation** - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement. NYSERDA reserves the right to disqualify proposers based upon the results of a background check into publicly available information or the presence of a material possibility of any reputational or legal risk in making of the award.

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

**Vendor Assurance of No Conflict of Interest or Detrimental Effect** - The proposer shall disclose any existing or contemplated relationship with any other person or entity, including any known relationships with any member, shareholders of 5% or more, parent, subsidiary, or affiliated firm, which would constitute an actual or potential conflict of interest or appearance of impropriety, relating to other clients/customers of the proposer or former officers and employees of NYSERDA, in connection with proposer's rendering services as proposed. If a conflict does or might exist, please describe how your company would eliminate or prevent it. Indicate what procedures will be followed to detect, notify NYSERDA of, and resolve any such conflicts.

The proposer must disclose whether it, or any of its members, or, to the best of its knowledge, shareholders of 5% or more, parents, affiliates, or subsidiaries, have been the subject of any investigation or disciplinary action by the New York State Commission on Public Integrity or its predecessor State entities (collectively, "Commission"), and if so, a brief description must be included indicating how any matter before the Commission was resolved or whether it remains unresolved.

**Public Officers Law** - For any resulting awards, the Contractor and its subcontractors shall not engage any person who is, or has been at any time, in the employ of the State to perform services in violation of the provisions of the New York Public Officers Law, other laws applicable to the service of State employees, and the rules, regulations, opinions, guidelines or policies promulgated or issued by the New York State Joint Commission on Public Ethics, or its predecessors (collectively, the "Ethics Requirements"). Proposers are reminded of the following Public Officers Law provision: contractors, consultants, vendors, and subcontractors may hire former NYSERDA employees. However, as a general rule and in accordance with New York Public Officers Law, former employees

of NYSERDA may neither appear nor practice before NYSERDA, nor receive compensation for services rendered on a matter before NYSERDA, for a period of two years following their separation from NYSERDA service. In addition, former NYSERDA employees are subject to a “lifetime bar” from appearing before any state agency or authority or receiving compensation for services regarding any transaction in which they personally participated, or which was under their active consideration during their tenure with NYSERDA.

Any awardee will be required to certify that all of its employees, as well as employees of any subcontractor, whose subcontract is valued at \$100,000 or more who are former employees of the State and who are assigned to perform services under the resulting contract, shall be assigned in accordance with all Ethics Requirements. During the term of any agreement, no person who is employed by the contractor or its subcontractors and who is disqualified from providing services under the contract pursuant to any Ethics Requirements may share in any net revenues of the contractor or its subcontractors derived from the contract. NYSERDA may request that contractors provide it with whatever information the State deems appropriate about each such person’s engagement, work cooperatively with the State to solicit advice from the New York State Joint Commission on Public Ethics, and, if deemed appropriate by the State, instruct any such person to seek the opinion of the New York State Joint Commission on Public Ethics. NYSERDA shall have the right to withdraw or withhold approval of any subcontractor if utilizing such subcontractor for any work performed would be in conflict with any of the Ethics Requirements. NYSERDA shall have the right to terminate any contract at any time if any work performed is in conflict with any of the Ethics Requirements.

**Due Diligence** – NYSERDA, at its discretion, may conduct broad due diligence to validate any or all elements of a proposal and to assess proposer’s prospects of success, including gathering information to assess a proposal relative to any of the topics listed in evaluation criteria, whether or not such topic is explicitly addressed in a proposal. NYSERDA may conduct due diligence on some or all proposals based on NYSERDA’s current guidelines at the time of a review. NYSERDA staff may follow up with proposers to request additional information or clarification regarding proposer’s proposal, including questions regarding proposer’s business prospects and resources, whether or not those questions are specifically related to the elements of the proposal. Additionally, customized due diligence may be conducted by internal or external staff or contractors based on questions on any proposal raised by NYSERDA staff and/or the Scoring Committee. Due diligence may include (but is not limited to): interviews of independent references and background checks of team members; assessment of prior business experience of any team member associated with a proposal; research on intellectual property claims; customer and partner reference checks; market research on the proposers’ target market and any other related or possibly competitive technology or market area; research to validate any assumptions on current or future revenues, costs, capital needs, and financing prospects for proposers’ business, including similar (or unrelated) technologies, processes, or competitive solutions; or any other research that could reasonably inform the evaluation of a proposal, or the prospects for commercial success of the proposers’ business (whether directly related to, or unrelated to the specific elements in a proposal). Due diligence may include discussions with proposers’ former and current business partners, employees, investors, customers, and competitors. Due diligence may be conducted by NYSERDA personnel or contractors including members of the scoring committee, before, during, or after a scoring process, and prior to finalization of a contract award, any information gleaned in diligence may be used to score or re-score a proposal

**Attachments:**

Attachment A – Proposal Narrative

Attachment B – Budget Template

Attachment C – Sample Agreement  
Attachment D – Vendor Assurance

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

**Albany**

17 Columbia Circle, Albany, NY 12203-6399

**(P)** 1-866-NYSERDA | **(F)** 518-862-1091

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**West Valley Site**

**Management Program**

9030-B Route 219

West Valley, NY

14171-9500

**(P)** 716-942-9960

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**Purchase of New York Tier 1 Eligible  
Renewable Energy Certificates (RECs)  
Request for Proposals (RFP) No. RESRFP21-1  
RFP Release Date: April 22, 2021**

**Step One Eligibility Applications Due:  
June 30, 2021 by 3:00 p.m. Eastern Time (ET)  
Step Two Bid Proposals Due:  
August 26, 2021 by 3:00 p.m. ET**

**NYSERDA SEEKS TO ACQUIRE APPROXIMATELY 4.5 MILLION NEW YORK TIER 1 ELIGIBLE  
RENEWABLE ENERGY CERTIFICATES ANNUALLY**

The New York State Energy Research and Development Authority (NYSERDA) seeks to procure approximately 4.5 million Tier 1 eligible Renewable Energy Certificates (RECs) from Bid Facilities that meet the eligibility requirements described in this Request for Proposals.

RESRFP21-1 will be implemented through a two-step process, consisting of:

1. **Step One Eligibility Application:** A qualifying step through which the Proposer must provide evidence that the Bid Facility is Tier 1 eligible and other general information about the Proposer and the Bid Facility.
2. **Step Two Bid Proposal:** A competitive Bid Proposal step, through which NYSEDA will: (1) examine Bid Proposals to determine whether they demonstrate that the Bid Facility and Proposer meet the Minimum Threshold Requirements; and (2) for Bid Proposals that meet those Minimum Threshold Requirements, a competitive evaluation based on price and non-price factors.

Only those Proposers found eligible under Step One will be permitted to submit a Step Two Bid Proposal. Only those Proposals found to have met all Minimum Threshold Requirements will be evaluated under Step Two.

**Step One Eligibility Application:** Step One Eligibility Applications must be **received\* by NYSEDA by 3:00 p.m. ET on Wednesday, June 30, 2021 via electronic submission.** NYSEDA staff will be available to support Proposer inquiries regarding Step One Eligibility Applications through the deadline at 3:00 p.m.

NYSEDA will open the solicitation website and the Step One Eligibility Application submission process on May 11, 2021 (see Section 1.3) following the Proposers' Webinar. Applications may be submitted electronically by following the link for electronic submissions found on [NYSEDA's Solicitations for Large-scale Renewables webpage](#)<sup>1</sup> or [NYSEDA's Current Funding Opportunities website](#),<sup>2</sup> located in the "Current Funding Opportunities" section of NYSEDA's website at that time.

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<sup>1</sup> <https://www.nyserda.ny.gov/ces/rfp>

<sup>2</sup> <http://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx>

NYSERDA intends to notify all prospective Proposers as to their eligibility status by Wednesday July 16, 2021. Eligible Proposers will receive a Notice of Qualification and will be provided with detailed instructions for submitting a Step Two Bid Proposal.

**Step Two Bid Proposal:** Step Two Bid Proposals must be **received by NYSERDA by 3:00 p.m. ET on Thursday, August 26, 2021 via electronic submission**. Instructions for submitting electronically and the link for electronic submissions will be included in a Proposer's Notice of Qualification. Additional information regarding NYSERDA's Renewable Energy Solicitations can be found on [NYSERDA's Renewable Energy Solicitations Standard \(RES\) Tier 1 website](#).<sup>3</sup>

**NYSERDA recommends that Proposers set aside ample time, well in advance of each deadline, to gather the required information and documentation and to understand the requirements to complete the above processes. NYSERDA recommends that Proposers mark any commercially sensitive materials as Confidential.**

Each Proposer has sole responsibility for reviewing this RFP and all attachments hereto and for investigating and informing itself with respect to all matters pertinent to this RFP, including the [NYGATS Operating Rules](#) and NYISO's Open Access Transmission Tariff (OATT) and market rules, or those of the control area into which the Bid Facility may interconnect. Each Proposer is solely responsible for informing itself regarding all transmission wheeling and scheduling provisions set forth in the OATT of relevance in any external control area, including Canada, the NYGATS rules as they apply to Tier 1 imports,<sup>4</sup> and the External Facility Electricity Delivery Requirements in the RES Standard Form Agreement.

**Prior to the opening of the solicitation website and the Step One Eligibility Application, all questions regarding RESRFP21-1 must be directed to [res@nyserda.ny.gov](mailto:res@nyserda.ny.gov).**

All general questions about this RFP may be submitted in writing via email to [res@nyserda.ny.gov](mailto:res@nyserda.ny.gov) or via the Q&A feature of the solicitation website.<sup>5</sup> Project-specific questions may be addressed to [res@nyserda.ny.gov](mailto:res@nyserda.ny.gov) or to the Messages feature on the solicitation website (preferred once registration is opened), which will be available following the Proposers' Webinar.

No communication intended to influence this procurement is permitted except by contacting the Designated Contacts. Questions about this solicitation should be directed to the RESRFP21-1 Designated Contacts: Abbey DeRocker, Bram Peterson, Marci Brunner, Brian Newton, Jeremy Wyble, Peter Keane, Liz Hanna, Laila El-Ashmawy, and/or Doreen Harris. Contacting anyone other than the Designated Contacts (either directly by the Proposer or indirectly through a consultant or lobbyist or other person acting on the Proposer's behalf) to influence the procurement: (1) may result in a Proposer being deemed a non-responsive offeror, and (2) may result in the Proposer not receiving an award.

Proposers should rely only on information provided in this RFP and any associated written updates posted on [NYSERDA's Renewable Energy Standard website](#) and the solicitation website when preparing Proposals. Each Proposer shall be solely responsible for and shall bear all costs incurred in the

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<sup>3</sup> <https://www.nyserda.ny.gov/ces/rfp>

<sup>4</sup> See Section 12 of the [NYGATS Operating Rules](#).

<sup>5</sup> The Q&A page is intended for general questions which are suitable for public review.

preparation of its Proposal and/or participation in this RFP. Submission of Proposals including confidential information must be filed in accordance with Section 11.1 of this RFP.

Incomplete submittals will be subject to disqualification. It is the Proposer's responsibility to ensure that all required forms and attachments have been completed and submitted. Late Step One Eligibility Applications and Step Two Bid Proposals will not be accepted and those lacking a completed and signed Step Two Bid Proposal form may be returned. Faxed, mailed, or e-mailed packages will not be accepted.<sup>6</sup> Packages will not be accepted by hand delivery at any NYSERDA location.

If changes are made to this solicitation, notification will be posted on [NYSERDA's Renewable Energy Standard website](#), the solicitation website under the Announcements tab, and provided to those that provide their email address to NYSERDA via the solicitation website or [NYSERDA's RES Renewable Generators and Developers Email Sign-Up Page](#).<sup>7</sup>

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<sup>6</sup> Unless otherwise agreed to by NYSERDA. Contact a Designated Agent for more information if needed.

<sup>7</sup> <https://www.nyserda.ny.gov/All-Programs/Programs/Clean-Energy-Standard/Renewable-Generators-and-Developers/Renewable-Generators-and-Developers-Email-List>



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## APPENDICES

[Appendix 1 – Resource Assessment and Energy Production Estimate Requirements](#)

[Appendix 2 – Permitting Plan Requirements and Guidelines](#)

## ACRONYMS AND DEFINITIONS

**94-c** – Section 94-c of the Consolidated Laws of New York State, Article 6 Department of State, updated to consolidate the environmental review and permitting of major renewable energy facilities in New York State under the Office of Renewable Energy Siting (ORES).

**Actual Production** – The amount of electric energy production from the Bid Facility, in MWh delivered to the Delivery Point, for which NYSERDA is obligated to purchase the associated RECs under Article II of the Agreement.

**Agreement** – RES Standard Form Agreement, provided as Attachment A, including Exhibits A – H if applicable.

**Agricultural Mitigation Payment** – Calculated payment that may be required from the Proposer to a designated fund if the Bid Facility overlaps with mineral soil groups (MSG classifications 1-4). Payment amounts may be adjusted through consultations with the AGM regarding co-agricultural opportunities and based on the final site configuration (reduced or expanded Facility Area acreage).

**Authority Having Jurisdiction (AHJ)** – The town(s) or city(ies) within which the Bid Facility is located.

**Annual REC Cap** – The maximum number of RECs that NYSERDA is obligated to purchase from Seller in any Contract Year as defined in the Agreement.

**Applicable REC Price Method** – The method employed by NYSERDA in each month for determining the Monthly REC Price as determined in Article IV of the Agreement.

**Applicable Zone** – The NYISO load zone that includes the Delivery Point.

**Award Notification Date** – The date upon which NYSERDA provides written confirmation to a Proposer indicating that a Bid Facility has been selected for contract negotiations.

**Bid Facility** – An electric generating station that has been submitted by the Proposer for consideration in response to this RFP.

**Bid Price** – The price per REC offered by Proposer, offered either as a Fixed REC Price or an Index REC Price.

**Bid Proposal** – An offer to sell a Bid Quantity of RECs from a Bid Facility at a proposed Price Structure and Contract Tenor.

**Bid Quantity** – The annual quantity of RECs that the Proposer proposes to deliver under an Agreement with NYSERDA.

**Benchmark LNRC** – The confidential maximum price levels for the Fixed OREC and Index OREC offers that NYSERDA will employ in its determination of potential award(s).

**CES** – Clean Energy Standard

**Climate Justice Working Group (CJWG)** – An advisory group in the Climate Action Council process, responsible for providing strategic advice for incorporating the needs of disadvantaged communities.

**CLCPA** – Climate Leadership and Community Protection Act

**Commercial Operation** - A state of operational readiness under which (i) generating capacity is available and physically producing electric energy and associated Tier-1 RECs, and (ii) all rights, abilities, permits and approvals to schedule and deliver energy to the Injection Point have been obtained.

**COMD** – Commercial Operation Milestone Date

**Contract Delivery Term** – The period of performance under the Agreement. The Contract Delivery Term commences on the first day of the month after the Bid Facility commences Commercial Operation. For Bid Facilities in Commercial Operation as of the Award Notification Date, the Contract Delivery Term shall commence on the first day of the month after the Effective Date of the Agreement. The Contract Delivery Term shall extend for the term of the Contract Tenor.

**Contract Tenor** – The duration, in years, of the Contract Delivery Term.

**Contract Year** – A 12-month period commencing with the beginning of the Contract Delivery Term and each anniversary thereof during the Contract Delivery Term. The phrase “Contract Year” followed by a number shall refer to a discrete Contract Year within the Contract Delivery Term such that “Contract Year 1” refers to the first 12-month period commencing with the beginning of the Contract Delivery Term, “Contract Year 2” refers to the second such 12-month period, and so on.

**Delivery Point** – For Bid Facilities that inject energy directly into the New York Control Area, the generator bus or location where (a) the administrator of the wholesale power market, or (b) the operator of the transmission/distribution utility, public authority or municipal electric company, measures, or otherwise determines, energy production from the Project. For Projects that inject energy outside of the New York Control Area, the generator bus or location where the NYISO measures energy delivery from the Project into the New York Control Area.

**Disadvantaged Communities (DAC)** - The Climate Leadership and Community Protection Act (CLCPA) directs the [Climate Justice Working Group](#) (CJWG) to establish criteria for defining disadvantaged communities. However, until the criteria are established, New York State has specified interim criteria for disadvantaged communities, which includes two types of communities, those: (i) located within census block groups that meet the U.S. Housing and Urban Development (HUD) 50% area median income (AMI) threshold of the top quartile of census block groups in New York, ranked by the percentage of low and moderate income (LMI) households, defined as households with annual incomes at or below 50% of the AMI of the county or metro area where the census block group resides, that are also located within the [DEC Potential Environmental Justice Areas](#); or (ii) located within [New York State Opportunity Zones](#).<sup>8</sup>

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<sup>8</sup> See <https://www.nyserda.ny.gov/ny/disadvantaged-communities>. The webpage ambiguously uses “and” instead of “or” as the conjunction between the two types of qualifying communities. That has been clarified in the definition herein.

**Energy Storage Component** – A commercially available resource capable of receiving electric energy and storing that energy or a portion of that energy for later injection of electricity to the grid regardless of where the resource is located on the electrical system. The Energy Storage Component must be constructed and operated in accordance with Article VI and Article IX of the [NYSERDA Bulk Storage Incentive Program Manual](#) (Exhibit F to the Agreement).

**Environmental Attributes** – All environmental characteristics, claims, credits, benefits, emissions reductions, offsets, allowances, allocations, howsoever characterized, denominated, measured or entitled, attributable to the generation of Actual Production by a Bid Facility, consistent with the delineation of attributes set forth in the Agreement

**Expected Total Dollars** – The total dollar amount of Incremental Economic Benefits, as presented in the Bid Proposal and accepted by NYSERDA, expected to accrue to New York as a result of the development, construction, modification, and operation of the Bid Facility.

**FEAF** – Full Environmental Assessment Form

**Fixed REC Price** – A fixed, as-bid price in dollars per REC as described in Section 4.02 of the Agreement.

**FOIL** – New York’s Freedom of Information Law, Public Officers’ Law Article 6.

**Host Community Benefit Program** – A Program providing benefits to utility customers in Host Communities in which future Major Renewable Energy Facilities are located.

**Incremental Economic Benefits** – Those economic benefits within the categories specified in Section 4.2 that a Proposer can demonstrate: (1) will accrue subsequent to an award under this RFP, and (2) would not have accrued but for the award of a contract under this RFP.

**Index REC Price** – An adjustable price in dollars per REC that nets the Index REC Strike Price monthly against a reference price expressed in a market index as determined by NYSERDA pursuant to Section 4.01 of the Agreement.

**Index REC Strike Price** – The fixed as-bid price in dollars per REC as described in Section 4.01 of the Agreement.

**Injection Point** – For Bid Facilities that interconnect directly into the New York Control Area, the Injection Point is the Delivery Point. For Bid Facilities that interconnect outside of the NYCA, the Injection Point shall be the generator bus or the location where the administrator of the local Control Area measures energy delivery from the Bid Facility into the local market.

**Levelized Net RECCost (LNRC)** – A means of comparing Proposals with different Bid Prices, Bid Quantities, and Commercial Operation Dates, as described in Section 5.3.

**Long-Term Jobs** – Jobs lasting three or more years.

**LSE** – Load-serving entity

**Major Renewable Energy System** – Any renewable energy system with a nameplate generating capacity of twenty-five thousand kilowatts or more, and any co-located system storing energy generated from

such a renewable energy system prior to delivering it to the bulk transmission system, including all associated appurtenances to electric plants as defined under Section 2 of the New York State Public Service Law, including electric transmission facilities less than ten (10) miles in length in order to provide access to load and to integrate such facilities into the state's bulk electrical transmission system.

**MW or MWac** – A megawatt of alternating current electric energy generating capacity.

**MWh** – A megawatt-hour of electric energy.

**Mineral Soil Groups (MSG) 1-4** – To establish a uniform statewide land classification system the Department of Agriculture and Markets uses differences in soil productivity and capability as the common denominator in classifying all New York State farmland. A soil rating methodology has been developed based primarily on differences in the inherent ability of soils to support crop production. A map of MSG 1-4 is available on [NYSERDA's Solicitations for Large-scale Renewables webpage](#).

**Monthly REC Price** – A price in dollars per REC determined by NYSERDA for each month of the Contract Delivery Term. If the Applicable REC Price Method is the Index REC Price, the Monthly REC Price shall be calculated pursuant to Section 4.01 of the Agreement. If the Applicable REC Price Method is the Fixed REC Price, the Monthly REC Price shall be calculated pursuant to Section 4.02 of the Agreement.

**New York Control Area (NYCA)** – The geographic bounds of the electricity system that is under the control of the NYISO, which includes transmission facilities listed in the ISO/Transmission Owner Agreement Appendices A-1 and A-2, as may be amended from time to time

**New York Generation Attribute Tracking System (NYGATS)** – The tracking system that records electricity generation attribute information within New York State, and processes generation attribute information from energy imported and consumed within New York State, as a basis for creating generation attribute certificates, including Tier 1 RECs. NYGATS will create exactly one Tier 1 REC per MWh of RES eligible generation.

**NYGATS Forward Certificate Transfer** – An automated monthly transfer of Tier 1 RECs to NYSERDA as described in Section 9.3 of the [NYGATS Operating Rules](#).

**New York Independent System Operator (NYISO)** – Administrator of the wholesale power markets in New York and manages the physical electrical operations of the NYCA.

**NYSERDA Consultants** – Consultants engaged by NYSERDA to assist with the evaluation of Bid Proposals.

**OATT** – NYISO's Open Access Transmission Tariff

**Operating Rules** – The NYGATS Operating Rules, the General Terms of Use and other guidelines posted to the NYGATS website at: <https://www.nysERDA.ny.gov/AllPrograms/Programs/NYGATS/Registration-Documents>.

**Orders** – August 1, 2016 CES Order (Case 15-E-0302, Proceeding on Motion of the Commission to Implement a Large-Scale Renewable Program and a Clean Energy Standard, "Order Adopting a Clean Energy Standard," issued and effective August 1, 2016) and January 16, 2020 CES Order (Case 15-E-0302, Proceeding on Motion of the Commission to Implement a Large-Scale Renewable Program and a Clean

Energy Standard, “Order Modifying Tier 1 Renewable Procurements,” issued and effective January 16, 2020.

**ORES** – New York State Office of Renewable Energy Siting, website is <https://ores.ny.gov/> and the regulations can be found at <https://ores.ny.gov/regulations>.

**Prevailing Wage** – Shall have the meaning set forth at and shall be interpreted in accordance with Section 18.10 of the Agreement.

**Price Structure** – Either a Fixed REC or Index REC price.

**Proposer** – The business entity that submits a Bid Proposal in response to this RFP.

**PSoQ** – Provisional Statement of Qualification

**Reference Capacity Price** – An index of NYISO Capacity Market prices as set forth in Section 4.01 of the Agreement.

**Reference Energy Price** – An index of zonal NYISO Energy Market prices as set forth in Section 4.01 of the Agreement.

**Renewable Energy Certificate (REC)** – The electronic record of generation data created by NYGATS and representing all of the attributes, including all Environmental Attributes, of one MWh of electric generation from a Renewable Energy System delivered into the New York Control Area and registered with the NYGATS tracking system. The attributes represented in each REC include all environmental characteristics, claims, credits, benefits, emissions reductions, offsets, allowances, allocations, howsoever characterized, denominated, measured or entitled, attributable to the generation of Actual Eligible Production by a Project, including but not limited to: (i) any direct emissions or any avoided emissions of pollutants to the air, soil or water including but not limited to sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO), particulate matter and other pollutants; (ii) any direct or avoided emissions of carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) and other greenhouse gases (GHGs) that have been or may be determined by the United Nations Intergovernmental Panel on Climate Change to contribute to the actual or potential threat of altering the Earth’s climate by trapping heat in the atmosphere; (iii) all set-aside allowances and/or allocations from emissions trading programs made unnecessary for compliance in such program as a result of performance under the Agreement, including but not limited to allocations available under 6 NYCRR §§ 204, 237 and 238; and (iv) all credits, certificates, registrations, recordations, or other memorializations of whatever type or sort, representing any of the above.

**Renewable Energy System** – As defined in the CLCPA, and for purposes of this RFP, a system that generates electricity through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity.

**Seller** – A Proposer selected by NYSERDA who has executed an Agreement to sell Tier 1 RECs to NYSERDA pursuant to this RFP.

**SEQR** – New York State Environmental Quality Review Act

**Short-Term Jobs** – Jobs lasting less than three years

**SoQ** – Statement of Qualification

**Summer Capability Period** – The period commencing May 1 through October 31 of each year.

**Technical Evaluation Panel (TEP)** – Members of NYSERDA Staff, New York State Department of Public Service Staff, and competitively-selected Independent Evaluators responsible for evaluating Bid Proposals received through this RFP.

**UCAP Production Factor (UPF)** – The UCAP Production Factor multiplied by the Bid Facility’s installed capacity is a proxy for the NYISO UCAP in MW. The UCAP Production Factor will be specified separately for a Winter Capability Period (November through April) and a Summer Capability Period (May through October). These fixed seasonal UCAP Production Factors will be utilized for the duration of the contract tenor. Proposers are encouraged to consider current guidance from the NYISO’s [Installed Capacity Manual](#). Proposers are permitted to select any UCAP Production Factor value between 0 and 1.

**Verified Total Dollars** – The total dollar amount of Incremental Economic Benefits verified by NYSERDA to have accrued to New York as a result of the development, construction, modification, interconnection, and operation of the Bid Facility from the Award Notification Date through the end of the first three (3) Contract Years. Depending on the nature of the Proposers’ economic benefits claims, the dollars may be required to be reported based on their applicability to benefitting disadvantaged communities.

**Winter Capability Period** – The period commencing November 1 of each year through April 30 of the following year.



## NEW ITEMS & IMPORTANT NOTES

### 1. Order Adopting Modifications to the Clean Energy Standard

On October 15, 2020, the New York State Public Service Commission (PSC) issued its [Order Adopting Modifications to the Clean Energy Standard](#) (CES Modification Order) in the Clean Energy Standard Case 15-E-0302. In the CES Modification Order, the PSC adopted modifications to the CES to align with and support the mandates passed into law under the Climate Leadership and Community Protection Act (CLCPA). Modifications specific to the Tier 1 solicitations are reflected in RESRFP21-1, however Proposers are encouraged to familiarize themselves with the full scope of changes to the CES outlined in the CES Modification Order.

### 2. Commercial Operation Milestone Date

The initial Commercial Operation Milestone Date (COMD) for RESRFP21-1, the date by which Bid Facilities must enter commercial operation, is November 30, 2023, which may be extended through November 30, 2026.

### 3. Tier 1 Resource Eligibility

Pursuant to the Public Service Commission (PSC) Order Adopting Modifications to the Clean Energy Standard, Tier 1 resource eligibility for new contracts has been aligned with the Climate Leadership and Community Protection Act (CLCPA). See the CLCPA definition of Renewable Energy System. Note that facilities including biomass, biogas, liquid biofuel resources, or fuel cells which in part utilize a fossil fuel resource are not eligible under this solicitation.

### 4. Economic Benefits and Disadvantaged Communities

Proposers are strongly encouraged to explore innovative ways in which short- and long-term economic benefits can be provided to New York State. Economic benefits evaluation under this solicitation will include all eligible expenditures beginning from the RFP Release Date (see Section 8.3.5). A new category of eligible economic benefits claims has been incorporated into this solicitation, under which Proposals will be evaluated based on claims related to economic and workforce development expenditures and commitments associated with the development of a Bid Facility.

Proposers are also encouraged to familiarize themselves with the updated requirements and guidance related to directing incremental economic benefits to disadvantaged communities. NYSERDA will more favorably evaluate economic benefits to New York State that will be realized in part or in full by disadvantaged communities as part of the proposed projects' development. All Proposers submitting Step Two Bid Proposals will be required to fully detail the benefits and burdens associated with the impacts of the Bid Facility's development on any hosting and/or proximate disadvantaged communities in accordance with the most recent relevant guidance per the [Climate Action Council](#) and [Climate Justice Working Group](#). All Proposers are strongly encouraged to explore how they can direct benefits to disadvantaged communities as part of the submitted economic benefits claims in support of the CLCPA goal that 40 percent of the benefits of clean energy investments benefit disadvantaged communities.

## 5. Non-Viable Determination and Portfolio Risk Factors

Pursuant to the Order Adopting Modifications to the Clean Energy Standard, NYSERDA is authorized to reject a Bid Proposal based upon a unanimous determination by the TEP that the project is not presently viable. See Section 4.1 for more information. The PSC also directed NYSERDA to develop portfolio risk factors, replacing the portfolio risk assessment and program policy factors included in previous Tier 1 solicitations. See Section 6.2 for more information.

## 6. New York State FY 2022 Budget Provisions Regarding Large-Scale Renewables

New York State's FY 2022 enacted budget includes multiple provisions that will affect the future development of large-scale renewables in New York State. The majority of the enacted provisions will take effect for contracts awarded through solicitations released following October 1, 2021 and are not yet required components of this solicitation. New provisions include:

- For Renewable Energy Systems greater than 5MW that receive REC contracts (See Budget FY 2022 [A.3006C/S.2506C, Part AA, beginning on Page 65](#)):
  - o The codification of requiring prevailing wage or project labor agreements for future awarded facilities;
  - o New requirements for labor peace agreements for certain large-scale renewables operations and maintenance employees;
  - o Requirements for owners and developers to comply with the objectives and goals of certified Minority and Women-Owned Business Enterprises (MWBE) pursuant to article 15-a of executive law and certified Service-Disabled Veteran-Owned Businesses (SVDVB) pursuant to article 17-B of executive law;
  - o Requirements for future awarded facilities to use American-made iron and structural steel; and
  - o Authorization to provide scoring evaluation credit for procurement of equipment and supplies from businesses located in New York state.
- The establishment of a standardized property tax assessment model to be advanced for large-scale renewable projects by NYS Tax & Finance in consultation with NYSERDA and the NYS Assessors Association (See FY 2022 Budget Bill [A.3009C/S.2509C, Part X, beginning on Page 60](#)); and
- The establishment of a Farmland Protection Working Group comprised of NYS agency leaders and agricultural stakeholders to recommend strategies to better facilitate the siting and mitigation of renewables on agricultural land (See FY 2022 Budget Bill [A.3005C/S.2505C, Part BBB beginning on Page 39](#)).

Proposers are encouraged to understand these requirements, plan for any potential impacts on future Tier 1 solicitations, and are encouraged to explore the feasibility of including not-yet-required components of the budget (e.g., labor peace agreements, American or New York-made iron and structural steel) as part of Step Two Bid Proposals submitted to RESRFP21-1.

## **7. Minimum Threshold Requirements**

The Step Two Bid Proposal Minimum Threshold Requirements include updated requirements for the Interconnection, Energy Deliverability, and Permitting subcategories. See Sections 4.1 and 8.3.4 for requirement-specific details.

## **8. Interconnection & Environmental Mitigation Estimates**

All Proposers will be required as part of the Step Two Bid Proposal to include cost estimates related to specific aspects of the Bid Facility's proposed interconnection plans, potential environmental mitigation measures and/or fees, and agricultural mitigation measures or fees, if applicable. See Section 4.1 and 8.3.4 for requirement-specific details.

## **9. Office of Renewable Energy Siting Regulations**

On March 3, 2021, the Office of Renewable Energy Siting (ORES) adopted standard regulations and permit conditions for renewable energy facilities in New York State. It is incumbent upon Proposers intending to advance projects through ORES to fully understand the new permitting process and the associated pre-application and application requirements. All Proposers intending to advance their Bid Facility through ORES are strongly encouraged to conduct a pre-application consultation with ORES, and will be required to outline their plan to proceed through ORES via the required Permitting Plan provided with the Step Two Bid Proposal.

## **10. Host Community Benefit Program Requirements**

Proposers are advised to understand that Bid Facilities awarded under RESRFP21-1 will be subject to the requirements imposed by a February 11, 2021 PSC order issued under [Public Service Commission Case 20-E-0249](#), In the Matter of a Renewable Energy Facility Host Community Benefit Program. All Proposers are required to familiarize themselves with the Order and understand the costs associated with the Order, required through the first ten years of commercial operation.

## **11. Agricultural Mitigation Requirements**

NYSERDA adopted a new approach under the previous Tier 1 solicitation to addressing concerns relating to solar development and the protection of agricultural lands in Agricultural Districts. Under this new approach, awardees may be responsible for making an agricultural mitigation payment to a designated fund based on the extent to which the solar project footprint overlaps with Mineral Soil Groups (MSG) classifications 1-4. Proposers are advised to reference Section 4.1 of the RFP and Appendix 2 – Permitting Plan Requirements and Guidelines to understand the approach in full and assess the applicability of a potential Agricultural Mitigation Fund Payment to their Bid Facility(ies). In addition to a potential Mitigation Fund Payment, all solar awardees will be required to execute the [Guidelines for Solar Energy Projects - Construction Mitigation for Agricultural Lands](#) document (see Exhibit E to the Agreement).

## **12. NYSERDA Tier 4 Solicitation Coordination**

On January 13, 2021, NYSERDA launched T4RFP21-1, a solicitation to procure the unbundled environmental attributes in the form of Tier 4 RECs for renewable energy delivered into New York City (NYISO Zone J). Facilities participating in T4RFP21-1 are permitted to participate in RESRFP21-1 subject to all Tier 1 eligibility requirements. See Sections 1.4 and 1.14 for additional requirements for Proposers seeking to submit a Bid Facility to RESRFP21-1 that is also active in T4RFP21-1.

## **13. RES Standard Form Agreement**

The RES Standard Form Agreement (the “Agreement”) associated with RESRFP21-1 is published as Attachment A to this solicitation. The Agreement is a legally binding document; Proposers are advised to consult with an attorney, and all Proposers should familiarize themselves with the structure, terms and conditions of the Agreement prior to participating.

# 1 INTRODUCTION

## 1.1 The New York Clean Energy Standard and Renewable Energy Standard

On July 6, 2015, the New York State Energy Planning Board issued the 2015 State Energy Plan (SEP)<sup>9</sup> which stated the goal to achieve 50% of the State's electricity generated from renewable resources by 2030 (50x30 goal). In December 2015, Governor Andrew Cuomo directed the Department of Public Service (DPS) to develop a Clean Energy Standard (CES)<sup>10</sup> to help achieve the SEP goals.

The Public Service Commission's (PSC) [Order Adopting the Clean Energy Standard](#) (CES Framework Order) issued on August 1, 2016, along with additional orders and implementation plans issued under Case 15-E-0302, Proceeding on Motion of the Commission to Implement a Large-Scale Renewable Program and a Clean Energy Standard (Orders), established the Renewable Energy Standard (RES) as the State's principal means of achieving the 50x30 goal. A component of the RES consists of a Tier 1 obligation on load serving entities (LSE) to procure Renewable Energy Certificates (RECs)<sup>11</sup> associated with new renewable energy resources.

In furtherance of the Orders and targets established in the CES, on July 18, 2019, New York State adopted the Climate Leadership and Community Protection Act (CLCPA), which includes the goal for New York State to achieve 70% renewable energy generation by 2030, incremental to reducing 100% of the electricity sector's greenhouse gas emissions by 2040, among other clean energy targets.<sup>12</sup>

RES Tier 1 procurements were further amended on January 16, 2020 by the [Order Modifying Tier 1 Renewable Procurements](#), whereby the PSC directed NYSERDA to offer bidders an Index REC price option in future RES solicitations, beginning with RESRFP20-1.

On April 2, 2020, Governor Cuomo signed into law the Accelerated Renewables Act, which makes major changes in the forum and permitting process for large-scale renewable projects. Specifically, the bill established a new renewable siting structure to be managed by a new office within the Department of State.<sup>13</sup>

On October 15, 2020, the PSC issued its [Order Adopting Modifications to the Clean Energy Standard](#) (CES Modification Order) in Case 15-E-0302. In the CES Modification Order, the PSC adopted several modifications to the CES to align it with the CLCPA mandates. Modifications affecting Tier 1 solicitations include setting annual procurement targets to achieve the 70 by 30 target, allowing rejection of projects that are not presently viable, combining of the Project Viability and Operational Flexibility and Peak

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<sup>9</sup> 2015 New York State Energy Plan is available from <http://energyplan.ny.gov/>

<sup>10</sup> Letter from Governor Andrew M. Cuomo to Audrey Zibelman, Chair, New York State Department of Public Service, December 2, 2105 (Cuomo Letter) available at [https://www.governor.ny.gov/sites/governor.ny.gov/files/atoms/files/Renewable\\_Energy\\_Letter.pdf](https://www.governor.ny.gov/sites/governor.ny.gov/files/atoms/files/Renewable_Energy_Letter.pdf)

<sup>11</sup> While the PSC's August 1, 2016 Order references renewable energy "credits," NYGATS creates renewable energy certificates, and therefore that term is used in this RFP. The NYGATS certificates are created in one MWh denominations and are in all other ways consistent with the Order.

<sup>12</sup> [New York State Senate Bill S6599](https://www.nysenate.gov/legislation/bills/2019/s6599), <https://www.nysenate.gov/legislation/bills/2019/s6599>

<sup>13</sup> [New York State Announces Passage of Accelerated Renewable Energy Growth and Community Benefit Act as Part of 2020-2021 Enacted State Budget](#)

Coincidence evaluation factors, approving the development of portfolio risk factors, and clarifying the CES delivery requirements.

The Orders authorize NYSERDA, as central procurement administrator, to offer long-term contracts to generators for the purchase of Tier 1-eligible RECs, in the form of Tier 1 NYGATS certificates. Pursuant to the Orders, NYSERDA seeks to accomplish the RES objective by contracting with suppliers, through a series of competitive RFPs, for only the RES Tier 1 RECs created by eligible generation resources.<sup>14</sup> For the avoidance of doubt, NYSERDA seeks to acquire Tier 1-eligible RECs only, and will not have any claim to associated energy, capacity, or ancillary services associated with the RECs.<sup>15</sup>

The RECs generated from the Bid Facility offered to NYSERDA through this RFP, up to the Annual REC Cap (defined in the Agreement), may not be contractually committed to any other entity over the Contract Tenor. Awardees will retain ownership and all rights to RECs generated that exceed the Annual REC Cap.

The CES/RES Orders can be accessed from the [NYS Public Service Commission's website](#).<sup>16</sup> All Proposers are strongly advised to review the Orders before participating in this RFP. Information regarding NYSERDA's implementation of the RES and prior solicitations under the RES, RESRFP17-1, RESRFP18-1, RESRFP19-1, and RESRFP20-1, can be found on [NYSERDA's RES Solicitation website](#).<sup>17</sup>

Information on the Renewable Portfolio Standard (RPS), the precursor to the CES, and past Main Tier solicitations can be found on [NYSERDA's RPS webpage](#).<sup>18</sup>

## 1.2 Background on NYSERDA and NY Green Bank

NYSERDA was created in 1975 by the New York State Legislature as a public authority and public benefit corporation. As designated in the CES Framework Order, NYSERDA acts as the Central Administrator of the RES program.

Under the RES, each LSE is obligated to serve their retail customers by procuring new renewable resources, evidenced by the procurement of Tier 1 RECs from NYSERDA or other sources, or by making

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<sup>14</sup> Directives pertaining to NYSERDA's RES Central Procurement role are contained in the February 22, 2017 [Order Approving the Phase 1 Implementation Plan](#) and the [Final Phase 1 Implementation Plan](#) filed by NYSERDA on March 24, 2017, the November 17, 2017 [Order Approving the Phase 2 Implementation Plan](#) and the [Final Phase 2 Implementation Plan](#) filed by NYSERDA on December 18, 2017, and the December 14, 2018 [Order Approving the Phase 3 Implementation Plan](#) and the [Final Phase 3 Implementation Plan](#) filed by NYSERDA on January 11, 2019. The March 9, 2017 [Order on the Value of Distributed Energy Resources](#) further clarifies the treatment of certain distributed energy resources (DERs) such resources under the CES and their eligibility to participate in NYSERDA's long term procurements for RECs. The January 16, 2020 [Order Modifying Tier 1 Renewable Procurements](#) directs NYSERDA to include an additional option for bidders to offer an Index REC price. An Implementation Plan will be filed by NYSERDA in response to the January 2020 Order in April 2020.

<sup>15</sup> RECs represent the environmental attributes, including but not limited to estimated avoided carbon dioxide emissions, associated with electricity generated by facilities that meet the Tier 1 eligibility criteria established in the CES Framework Order.

<sup>16</sup> <http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx?MatterCaseNo=15-e-0302>

<sup>17</sup> <https://www.nyserda.ny.gov/ces/rfp>

<sup>18</sup> <https://www.nyserda.ny.gov/All-Programs/Programs/Clean-Energy-Standard/Renewable-Portfolio-Standard/Past-Main-Tier-Solicitations>

Alternative Compliance Payments (ACPs), in increasing quantities to satisfy the State’s greenhouse gas emissions reduction goals. Through this RFP, NYSERDA will purchase RECs from the contracted Bid Facilities, on behalf of the LSEs in New York State, and will then sell the RECs to the LSEs for compliance with the LSEs’ Tier 1 obligations.

NY Green Bank was initially capitalized with \$1.0 billion to accelerate clean energy and sustainable infrastructure deployment in New York State. NY Green Bank steps in to fill gaps in the market where financing might not be available from conventional lenders, potentially due to barriers such as limited precedent, small deal sizes, challenges in evaluating technology risk, asset structures and/or business models unfamiliar to banks and institutional investors, and/or deal structuring and underwriting complexities.

Supporting the expansion of large-scale renewables in New York is a strategic priority for NY Green Bank. NY Green Bank is prepared to support project developers and investors with a range of credit products and structures through various project financing stages, including and not limited to:

- Interconnection deposit financing;
- Long lead equipment financing;
- Construction financing; and
- Term loans, including subordinated debt to increase tenor and leverage.

NYGB will evaluate contracted revenues, including NYSERDA RECs as well as wholesale power and capacity sales to support long-term financing.

### 1.3 Schedule

The schedule for RESRFP21-1 is as follows (all times ET):

RFP Release Date	Thursday, April 22, 2021
Proposers’ Webinar	Thursday, May 6, 2021 at 10:30 a.m.
NYSERDA opens Step One Eligibility Application	Monday, May 10, 2021
<b>Deadline to complete an application requesting a Resource Eligibility Determination in NYGATS</b>	<b>Wednesday, June 16, 2021</b>
<b>Deadline for Step One Eligibility Application Submission</b>	<b>Wednesday, June 30, 2021 by 3:00 p.m.</b>
NYSERDA responds with Notice of Qualification Determinations	Friday, July 16, 2021
Deadline for Bid Fee Submission	Wednesday, August 25, 2021
<b>Deadline for Step Two Bid Proposal Submission</b>	<b>Thursday, August 26, 2021 by 3:00 p.m.</b>
NYSERDA notifies Proposers receiving Awards	Q4 2021

Please note that the above dates are subject to change. Notification of any changes to the solicitation schedule or documents will be posted on [NYSERDA’s RES website](#) and sent via email to those parties who have submitted contact information to NYSERDA’s RESRFP21-1 solicitation website.

### 1.4 Eligibility

To be eligible, a Bid Facility must be a Tier 1 RES eligible resource technology type qualifying under the updated Clean Energy Standard Tier 1 eligibility requirements outlined in the CES Modification Order

and described herein.<sup>19</sup> Pursuant to the CES Framework Order, to participate an eligible Bid Facility must also: (1) be located within the New York Control Area (NYCA) or in an adjacent control area and supply energy into New York State, in accordance with the RES Delivery Requirements in the Agreement, and (2) have first commenced Commercial Operation on or after January 1, 2015, or (3) must produce new, incremental energy and Tier 1 RECs from new Bid Capacity above a historical baseline.

Multiple Step One Applications and Step Two Bid Proposals for the same Bid Facility may be submitted by the Proposer. Each Bid Proposal must utilize only one price structure (Fixed REC or Index REC), however separate Bid Proposals for the same Bid Facility may utilize different price structures if the Bid Facility has material differences among the Bid Proposals, such as for a Bid Facility bid with and without Energy Storage, and/or a Bid Facility bid with two different Bid Capacities (MW).

A Proposer may not condition the acceptance of one Proposal based on the withdrawal or acceptance of other Proposals. NYSERDA will not award more than one Bid Proposal for the same Bid Facility.

Tier 1 eligible RECs or environmental attributes that are the subject of a current NYSERDA RES contract, or that were the subject of an award under NYSERDA's RESRFP20-1 solicitation, are not eligible under this RFP. Additionally, Proposers that are seeking or have secured funding through a separate NYSERDA incentive program (e.g., NY-Sun for solar facilities, NYSERDA funding for geothermal facilities) are not eligible to participate under this RFP.

Any Proposer with a project that is under evaluation in the active Tier 4 solicitation, T4RFP21-1, is also eligible to submit the facility under a Step Two Bid Proposal to RESRFP21-1, pending all other eligibility requirements. NYSERDA will coordinate with Proposers whose Bid Facilities are included in a Tier 4 proposal that receives an award. See Section 1.14.

Proposers whose Step One Applications are found to be complete and that demonstrate eligibility will receive a Notice of Qualification, which will provide Proposers with a description of and access to the process and forms to be used to submit a Step Two Bid Proposal.

### **1.5 Subsequent Tier 1 Eligibility Changes**

Bid Facilities selected for an award under this RFP will not be subject to subsequent changes in RES eligibility rules; however, if the Bid Facility fails to maintain eligibility consistent with the RES requirements as they existed at the time of an award,<sup>20</sup> such ineligibility will extend to the RECs associated with the Bid Facility's production throughout the entire period in which the Bid Facility fails to maintain eligibility.

Bid Facilities selected for an award under this RFP will be subject to any ongoing PSC proceedings related to Tier 1 eligibility, and awards may be made to Bid Facilities conditional upon confirmation from the PSC that the resource is Tier 1 eligible.

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<sup>19</sup> Proposers should note that the CLCPA definition of renewable energysystems as adopted by the CES Modification Order excludes certain resources previously eligible under the CES Framework Order, including biomass, biogas, liquid biofuels, fuel cells using natural gas and anerobic digesters, among others, and should review the RFP and Agreement prior to commencing a request for a Provisional Statement of Qualification.

<sup>20</sup> Refer to Section 1.3.



## 1.6 Conformance with NYGATS Operating Rules

If awarded under RESRFP21-1, Proposers must maintain a valid NYGATS ID, obtain a Statement of Qualification, achieve Operational Certification, and operate in conformance with the [NYGATS Operating Rules](#).<sup>21</sup> Proposers must implement a Forward Certificate Transfer of Tier 1 RECs in NYGATS, up to the Annual REC Cap, into NYSERDA's NYGATS Account. NYSERDA will make payment for Tier 1 RECs from the Bid Facility delivered to NYSERDA's NYGATS account.

For Bid Facilities located in adjacent control areas, Proposers must ensure that if awarded under a Tier 1 solicitation that the electricity associated with their RECs is (1) scheduled, transmitted, delivered, and settled in the NYISO energy market on an hourly basis, and (2) accompanied by documentation of a unit-specific contract path between the injection point in the control area of origin to the delivery point in New York.

Documentation of a unit-specific contract path must indicate the provision of transmission rights for delivering the generation via the NYISO using the North American Electric Reliability Corporation (NERC) tag fields "Sending and Receiving Control Areas," "Purchasing/Selling Entity Name," and "Number." For imported RECs to be flagged as eligible for Tier 1, projects located in an adjacent control area will need to continuously demonstrate the delivery of energy and RECs into New York State through the requirements laid out in the Final Phase 1 Implementation Plan. Tier 1 eligible energy scheduled and delivered from external control areas must be accompanied by the NERC tag information from an outside organization such as the Open Access Technology International (OATI) System identifying the importing project as the source for the scheduled and transmitted electricity into the NYISO, which NYSERDA uses to ensure that the requirements set forth in the Final Phase 1 Implementation Plan have been satisfied.

## 1.7 Energy Storage Eligibility

Energy Storage facilities do not need to be registered in NYGATS, regardless of whether the facility is co-located or separately located from the Bid Facility. All Energy Storage facilities must be located within the NYCA.

To be eligible, the Energy Storage must be constructed consistent with Section VI, "Quality Assurance" (including the [Battery Energy Storage System Guidebook](#) referenced therein), Section VII, "Measurement and Verification," and Section IX, "Technical Requirements" of [NYSERDA's Bulk Storage Incentive Program Manual](#), including any changes to the Technical Requirements, which are expected to evolve as the industry develops. Energy Storage may be either:

- 1) co-located with the generation behind a single wholesale or retail meter, or
- 2) co-located with the generation behind a separate wholesale or retail meter, or
- 3) located in a separate location from the generation.<sup>22</sup>

In addition:

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<sup>21</sup> [New York Generation Attribute Tracking System \(NYGATS\)](#)

<sup>22</sup> Separately located energy storage facilities do not require a separate Tier 1 eligibility request.

- The Energy Storage equipment must consist of commercial products carrying a manufacturer's warranty. The warranty must cover the entire energy storage system including ancillary equipment and power electronics. Experimental, beta, or prototype equipment is not eligible.
- The Energy Storage system must be certified to meet minimum safety requirements by a Nationally Recognized Testing Laboratory as evidenced by specific UL listings defined in the Program Manual. These will evolve to meet current best practices in the storage industry. These UL listings must be received by the time that the system enters commercial operation.
- Energy Storage systems and components must comply with all manufacturers' installation requirements, applicable laws, regulations, codes, licensing, and permit requirements. This includes, but is not limited to, SEQR; Article 10; the Accelerated Renewables Act, the International Building Code Series as amended by the New York State Uniform Code Supplement; the National Electric Code<sup>10</sup>; New York State's Standard Interconnection Requirements; and all applicable State, city, town, or local ordinances or permit requirements, and any additional requirements of the local authority having jurisdiction (AHJ), and demonstrate compliance with the requirements in the [New York Battery Energy Storage System Guidebook](#).
- Energy Storage systems must be installed as proposed and remain in place for the life of the Contract Tenor.

Successful Proposers awarded a Contract Tenor in excess of 10 years must, prior to the commencement of construction, provide an executed Energy Storage operations and maintenance agreement for a term which is greater than or equal to the proposed Contract Tenor.

Note that, under the Agreement, NYSERDA will make payment only for Tier 1 RECs delivered to NYSERDA's NYGATS Account. If the Energy Storage is charged from the co-located renewable generation, the energy discharged from the storage will generate Tier 1 RECs that will be eligible for payment. Should the Bid Facility/Energy Storage facility receive an award, the Proposer will be required, at the time of contracting, to demonstrate to NYSERDA's satisfaction that the project will be configured and metered in a way that will ensure that Tier 1 RECs are created only based on energy generated by the Tier 1 Bid Facility.<sup>23</sup> Energy Storage facilities that are located separate from the Bid Facility may store energy from the grid but will not create Tier 1 RECs and therefore the associated stored energy will not be eligible for payment under the Agreement.

Awarded Proposers not including Energy Storage may add an Energy Storage facility in the future, subject to fulfilling all existing terms of the Agreement, provided that such Energy Storage component will not be used to re-price a Bid Facility that initially lacks Energy Storage. Energy Storage advanced after the time of an award may participate in the NYSERDA Bulk Storage Incentive program or New York State Investor-Owned Utility competitive procurements for bulk-sited energy storage.

The following Energy Storage projects are not eligible for an award under this solicitation:

- An Energy Storage project for which either the Energy Storage or associated Bid Facility is owned by a regulated utility, the New York Power Authority, or the Long Island Power Authority;
- An Energy Storage project that has been awarded a utility Bulk Dispatch Rights Contract;

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<sup>23</sup> See [Intermittent Power Resources: Frequently Asked Questions](#) and the [FERC Order Accepting Co-located Storage Resources \(CSR\) Revisions](#) for additional resources.

- An Energy Storage project that receives a NYSEDA Retail Storage Incentive, or a NYSEDA Bulk Storage Incentive;
- An Energy Storage project located outside of the NYCA;
- An Energy Storage project subject to a previous NYSEDA award or contract;
- Pumped hydroelectric storage.

Energy storage projects participating in a utility Bulk Dispatch Rights solicitation or other utility-managed competitive offer are eligible to participate in RESRFP21-1, however no facility is eligible for award under RESRFP21-1 if it is selected by a utility-managed solicitation or other competitive offer. NYSEDA will coordinate with the manager of any other active solicitation prior to issuing final awards under RESRFP21-1 to ensure that projects participating in multiple offers are not prematurely deemed ineligible.

### 1.8 Bid Fee

Each Step Two Bid Proposal must be accompanied by a Bid Fee, in the form of electronic wire (preferred) or certified funds, in an amount determined by the Nameplate Capacity in megawatts (MWac) of the Bid Facility.

<u>Nameplate Capacity (MW)</u>	<u>Bid Fee</u>
Less than 5.00 MW	\$5,000
5.00 – 19.99 MW	\$20,000
20.00 – 49.99 MW	\$50,000
50.00 MW or more	\$100,000

See Section 8.4 for additional details and instructions for submitting the Bid Fee.

### 1.9 Proposers’ Webinar and Inquiries

NYSEDA will [hold a webinar for Proposers](#) on Thursday, May 6, 2021 at 10:30 a.m. ET (Albany, NY time). During the webinar, NYSEDA will review the Step One Eligibility Application and Step Two Bid Proposal requirements, the Agreement, and highlight changes to the 2021 solicitation process. Questions will be taken and, to the extent possible, responses will be provided during the webinar. **Proposers who intend to participate must register prior to the webinar on NYSEDA’s RES website.**<sup>24</sup>

Proposers are encouraged to submit questions prior to the webinar via email to [res@nyseda.ny.gov](mailto:res@nyseda.ny.gov), and during the Proposers’ Webinar using the built-in Q&A feature. Written responses will be posted to the solicitation website and will supersede any responses given by NYSEDA during the Proposers’ Webinar. All questions regarding the RFP documents or the process must be directed as indicated. NYSEDA will post submitted questions anonymously, along with NYSEDA’s responses, on the solicitation website under the Q&A feature, which is accessible to all Proposers, following the webinar.

Questions may not be submitted directly to any individual at NYSEDA other than the Designated Contacts, DPS Staff, or to individuals working for or on behalf of NYSEDA.

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<sup>24</sup> To sign up for the Proposers’ Webinar please register here: [RESRFP21-1 Proposers’ Webinar](#)

Bid Facility-specific questions must be submitted through the Messages feature of the solicitation website following Proposers' registration. Questions that reveal a Proposers' identity and/or commercial information should be submitted through the Messages feature of the solicitation website. Proposers must register on the solicitation website to gain access to the Messages feature. The Messages feature of the solicitation website is available only to Proposers and is a secure communication between each Proposer and NYSERDA's Designated Contacts.

### **1.10 Modification or Cancellation of the RFP and Solicitation Process**

Notification of any changes in RFP process or documents will be posted on [NYSERDA's RESTier 1 website](#), the solicitation website under the Announcements tab, and sent via email to parties that have submitted contact information to NYSERDA's RESRFP21-1 solicitation via the solicitation website. Prospective Proposers are encouraged to check the website frequently to be advised of any RFP changes or other news.

The terms and conditions of this RFP may, at any time, be changed, postponed, withdrawn, and/or canceled, including any requirement, term or condition of this RFP, without any liability to NYSERDA.

### **1.11 Updates to the Eligibility Application and/or Bid Proposal**

Proposers will not have an opportunity to refresh or restate submissions after the corresponding submission deadline for each Step. If a Proposer wishes to modify an already submitted submission before the submission deadline for that Step, the Proposer should follow the posted instructions for editing a submission and may contact NYSERDA's Designated Contacts with questions or issues.

After the submission deadline, Proposers may provide information that was not available at the time of their submission at NYSERDA's request under Section 1.12. These requests are for informational purposes only and will not be treated by NYSERDA as a change or revision to the submission. However, if there are any material events that affect the validity of a submission, Proposers must promptly notify NYSERDA in writing.

### **1.12 Requests for Additional Information and/or Interview**

NYSERDA may request additional information from Proposers at any time throughout the duration of the solicitation. Such information will be subject to protection of proprietary information as described in Section 11.1. NYSERDA recommends that Proposers mark commercially sensitive materials provided to NYSERDA as Confidential. Proposers that do not respond promptly to NYSERDA's information requests or do not provide adequate information may be disqualified from further consideration or have the information in their Proposals modified by NYSERDA to allow a reasonable and appropriate evaluation.

NYSERDA may request in-person and/or videoconference interviews with Proposers, to be scheduled at a mutually convenient time following the Step Two submission deadline.

### **1.13 Coordination with Non-Jurisdictional Load-Serving Entities**

The Order Adopting a Clean Energy Standard provides for NYSERDA to conduct regularly scheduled solicitations for the procurement of Tier 1 RECs on behalf of the State's jurisdictional LSEs. The New York Power Authority (NYPA) and/or the Long Island Power Authority (LIPA) may choose to issue their own solicitations and/or contract with NYSERDA for a long-term commitment to purchase a percentage of

the Tier 1 RECs that may be procured under this solicitation to fulfill their proportional shares of the statewide Tier 1 targets.

#### **1.14 Coordination with NYSERDA's T4RFP21-1**

On January 13, 2021, NYSERDA issued T4RFP21-1, a solicitation to procure the unbundled environmental attributes in the form of Tier 4 RECs for renewable energy delivered into New York City (NYISO Zone J) pursuant to the CES Modification Order.

Facilities that do not have a Tier 1 agreement and are included as a component of an awarded Tier 4 proposal (or subsequently added to the awarded Tier 4 project through modification of the Tier 4 Agreement) may participate in RESRFP21-1 and/or future Tier 1 solicitations subject to Tier 1 eligibility requirements.

For facilities participating in both RESRFP21-1 and T4RFP21-1, economic benefits claimed under a pending Tier 4 proposal may also be claimed as part of a Tier 1 Bid Proposal. Should a Bid Facility be awarded under both solicitations, NYSERDA will work with the awarded Proposer to ensure that claims are not double counted under the contractual economic benefits claims (See Expected Total Dollars definition in the Agreement).

#### **1.15 COVID-19 Guidance and Restrictions**

All activities undertaken by Proposers in response to this solicitation must adhere to all of the requirements outlined under Governor Cuomo's [New York State on PAUSE](#) Executive Orders. This includes but is not limited to all guidance and restrictions regarding in-person meetings with stakeholders and local governments, on-site field studies, and other non-essential activities identified under Executive Order No. 202 Declaring a Disaster Emergency in the State of New York and other current or future modifications/new Executive Orders or legislation set forth by New York State regarding the COVID-19 public health crisis.

## 2 STEP ONE & STEP TWO COMPONENTS; ELIGIBILITY & EVALUATION

RESRFP21-1 will be implemented through a two-step process. Submissions for both steps are required for all participating Bid Facilities and must be made via the solicitation website. The solicitation website will open for submissions on May 11, 2021. The requirements for each step are summarized in the table below, consisting of:

1. **Step One: A qualifying step** through which the Proposer submits an Eligibility Application providing evidence that the Bid Facility is Tier 1 eligible and other information regarding the Proposer and the Bid Facility. See **Section 7** for detailed instructions about how to prepare and submit a Step One Eligibility Application.
2. **Step Two: A competitive Bid Proposal step**, through which the Proposer submits a Bid Proposal. NYSERDA will: (1) examine each Bid Proposal to determine whether the Proposal demonstrates that the Bid Facility and Proposer meet the Minimum Threshold Requirements; and (2) for Bid Proposals that meet those minimum requirements, perform a full competitive evaluation based on price and non-price factors. See **Section 8** for detailed instructions about how to prepare and submit a Step Two Bid Proposal.

Step One Eligibility Application	Step Two Bid Proposal
<b>Due Date:</b> Wednesday, June 30 by 3:00 p.m.	<b>Due Date:</b> Thursday, August 26 by 3:00 p.m.
<b>Requirements for Submission:</b> <ul style="list-style-type: none"> <li>• Tier 1 eligibility certification (PSoQ or SoQ), obtained via NYGATS.</li> <li>• Key Proposer and Bid Facility characteristics (location, capacity, energy storage, <i>etc.</i>).</li> <li>• Overview of how Bid Facility will meet all eligibility requirements by Step Two Bid Proposal deadline.</li> </ul>	<b>Requirements for Submission:</b> <ul style="list-style-type: none"> <li>• Expanded project characteristics and details, interconnection and environmental mitigation cost estimates.</li> <li>• Binding Bid Price and Bid Quantity data.</li> <li>• Minimum Threshold Requirements documentation (Site Control, Interconnection, <i>etc.</i>)</li> <li>• Expected benefits and burdens to disadvantaged communities.</li> <li>• Permitting Plan</li> <li>• Community Engagement Plan</li> <li>• Operational Flexibility and Peak Coincidence documentation (P(50) 8760, energy storage details, <i>etc.</i>).</li> <li>• If applicable, Incremental Economic Benefits claims, including identification of specific claims that will benefit disadvantaged communities.</li> <li>• Proof of Bid Fee payment</li> </ul>

Proposers submitting Step One Eligibility Applications that are determined to be qualified will be invited to submit a Step Two Bid Proposal. Step Two Bid Proposals that are determined to meet the Minimum Threshold Requirements will be evaluated and scored based on: (1) the Fixed REC Bid Price or Index REC

Bid Price, weighted at 70% of the overall score, and (2) non-price factors, which have a combined weight equaling 30% of the overall score.

Please note that the Minimum Threshold Requirements apply only to items within the Project Viability, Operational Flexibility and Peak Coincidence (Project Viability and OpFlex) category. There are no minimum requirements for Incremental Economic Benefits to New York State.

The 30% non-price evaluation component is divided into two categories:

- 1) 20% Project Viability, Operational Flexibility and Peak Coincidence (beyond the Minimum Threshold Requirements); and
- 2) 10% Incremental Economic Benefits to New York State.

Pursuant to the February 22, 2017, PSC [Order Approving the Phase 1 Implementation Plan](#) and the subsequent Orders, a Technical Evaluation Panel (TEP), consisting of NYSERDA staff, DPS Staff, and Independent Evaluators (outside reviewers who possess proficiency in the evaluation of energy generation projects), all of whom will execute a non-disclosure agreement, will evaluate and award points for the non-price evaluation components of each Bid Proposal.<sup>25</sup> NYSERDA may also enlist other state agencies, authorities, and subject-matter experts to inform the non-price evaluation conducted by the TEP. The Bid Price evaluation will be conducted by NYSERDA.

Non-Price Minimum Threshold Requirements and determinations, and the Non-Price evaluation are detailed in Section 4; Price evaluation is detailed in Section 5.

Instructions and requirements on how to submit a Step One Eligibility Application and Step Two Bid Proposal are detailed in Sections 7 and 8, respectively.

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<sup>25</sup> The Order and subsequent Plans are available on NYSERDA's CES Orders, Reports, and Filings website: <https://www.nyserda.ny.gov/All-Programs/Programs/Clean-Energy-Standard/Important-Orders-Reports-and-Filings/Filings-Orders-and-Reports>

### 3 ELIGIBILITY DETERMINATION

Step One Eligibility Applications must be submitted via the solicitation website and will be examined for completeness and to determine whether the Proposer and Bid Facility meet the eligibility requirements outlined in Sections 1.4 and 2. In order to meet the eligibility criteria, the Proposer must:

- Be located within NYCA or in an adjacent control area and deliver energy into New York State in accordance with the RES Delivery Requirements in the Agreement and NYGATS Operating Rules, and have first commenced Commercial Operation on or after January 1, 2015, or must produce new, incremental energy and Tier 1 RECs from new Bid Capacity above a historical baseline;
- Provide the letter received in the Proposer’s NYGATS account from NYSERDA confirming that the application for Tier 1 eligibility (SoQ or PSoQ) has been approved;
- Complete the Step One Eligibility Application electronic form on the solicitation website providing required information about the Bid Facility and an outline of how the Proposer will substantiate that all Minimum Threshold Requirements have been achieved as part of the Step Two Bid Proposal.

Proposers are advised that the Tier 1-eligible technology types have been amended per the CES Modification Order, and include the following technologies:

Technology	Source	Other Requirements
Solar Photovoltaics and Thermal		
On-land and offshore wind	Wind turbines	
Hydroelectric	Low-Impact Run-of-River Hydroelectric; Upgrades	No new storage impoundments; eligibility for Upgrades limited to the incremental production associated with the upgrade.
Fuel Cells	Solid Oxide Fuel Cells (SOFC) Molten Carbonate Fuel Cells (MCFC) Proton Exchange Membrane Cells (PEM) Phosphoric Acid Fuel Cells (PAFC)	Must utilize a non-fossil fuel resource, such as hydrogen (or other fuel), that has been produced using a “renewable energy system” <sup>1</sup> as a primary source.
Tidal/Wave/Ocean	Tidal and Ocean Wave or Current (turbines and other rotary motion devices); Ocean Thermal Pumped Storage Hydro Powered by Tidal	
Geothermal Electric		
Geothermal Ground Source Heat		

Proposers are advised that the Tier 1 eligibility requirements regarding repowering have also been updated pursuant to the CES Modification Order. Proposers seeking to participate in RESRFP21-1 with an Upgrade or Repowering Bid Facility are strongly encouraged to contact the Large-Scale Renewables team at [res@nysERDA.ny.gov](mailto:res@nysERDA.ny.gov) prior to starting a Tier 1 request in NYGATS. NYSERDA also strongly encourages submitting a Tier 1 request as soon as possible if seeking to participate in RESRFP21-1. Proposers must submit a Tier 1 request for a Provisional Statement of Qualification (PSoQ) if under



development or Statement of Qualification (SoQ), if operational. Proposers seeking to submit a Step Two Bid Proposal for an upgrade or repowering Bid Facility must submit a Tier 1 request for Provisional Statement of Qualification (PSoQ) if the upgraded or repowered actions have not yet been constructed for the Bid Facility. See Section 7 for additional details on completing a Step One Eligibility Application.

Incomplete Step One Eligibility Applications will be subject to disqualification. It is the Proposer's responsibility to ensure that all required forms and attachments have been completed and submitted. Late submissions will not be accepted. Proposers deemed qualified to submit a Step Two Bid Proposal will be emailed a Notice of Qualification and notified via the solicitation website.

Proposers whose Step One Eligibility Applications are found not to satisfy the eligibility requirements or to be deficient in some other respect will receive notification that they are not eligible to submit a Step Two Bid Proposal. It is incumbent upon Proposers to make their Step One Eligibility Applications as comprehensive as possible in substantiating how the Minimum Threshold Requirements will be demonstrated such that the Bid Facility will be eligible for evaluation upon submission of the Step Two Bid Proposal. NYSERDA will attempt to contact any Proposers with deficient Step One Applications prior to issuing a notice that the Bid Facility is not eligible to submit Step Two Bid Proposal.

## **4 NON-PRICE EVALUATION & MINIMUM THRESHOLD REQUIREMENTS**

Step Two Bid Proposals must be submitted via the solicitation website and will first be examined to determine whether they demonstrate that the Proposer and Bid Facility meet the Minimum Threshold Requirements.

In order to be eligible for evaluation under Step Two, the Bid Proposal must demonstrate that the Proposer and the proposed Bid Facility meet all the Minimum Threshold Requirements detailed in this section. Proposers that submit a Step Two Bid Proposal that does not meet all the Minimum Threshold Requirements will be removed from consideration and will not be eligible for an award. Proposers will also be required to provide a Bid Fee payment for each Bid Facility. See Section 8.4 for additional details and instructions for submitting the Bid Fee.

NYSERDA will contact Proposers regarding any instances where it is unclear if a Minimum Threshold Requirement has been achieved and may provide the Proposer with a one-time opportunity to cure the deficiency prior to removing the Bid Facility from consideration.

### **4.1 Project Viability, Operational Flexibility and Peak Coincidence**

Bid Proposals that demonstrate progress exceeding the Minimum Threshold Requirements will be eligible to receive points under the 20% Project Viability, Operational Flexibility and Peak Coincidence category (Viability & OpFlex) as well as for the other non-price component of the Bid Proposal (Incremental Economic Benefits to New York State). This category is intended to reward renewable resources that are more advanced through project development, demonstrate project feasibility/a high likelihood of bringing the project to commercial operation, provide grid services that contribute to cost minimization and/or grid reliability by addressing integration issues resulting from increased penetration of intermittent renewables, better match generation to load, and dispatchable resources to balance the electric system, optimize generation dispatch, minimize operating reserve requirements, and address grid congestion and constraints.<sup>26</sup>

Points will be awarded to Bid Proposals to the extent that they demonstrate progress exceeding the Minimum Threshold Requirements. As an example, for Generation Facility Site Control, the Minimum Threshold Requirement is demonstration of exclusivity agreement(s), letter(s) of intent, or other method(s) of site control that covers at least 50% of the proposed generator site's acreage. Evaluation points are available to the extent that the Bid Proposal demonstrates such control in excess of 50% and via firm methods of site control such as a lease agreement.

Operating Facilities will only need to demonstrate that the Minimum Threshold Requirement for the Energy Deliverability, Peak Coincidence, Resource Assessment and Energy Production Estimate, and Energy Storage (if applicable) sub-categories have been met, and will otherwise receive full non-price evaluation points for the remaining sub-categories.

The Order Adopting Modifications to the Clean Energy Standard authorizes NYSERDA to reject a Bid Proposal based upon a unanimous determination by the TEP that the project is not presently viable. If a Bid Proposal is rejected based on the evaluation of viability, NYSERDA will notify the Proposer of the

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<sup>26</sup> See the CES Final Phase 1 Implementation Plan: <https://www.nyserda.ny.gov/-/media/Files/Programs/Clean-Energy-Standard/2017-03-24-Phase-1-Implementation-Plan.pdf>

determination following the submission of the Step Two Bid Proposal and the receipt of responses to any clarifying questions and provide an explanation. Proposers with Bid Proposals that are rejected in this manner will remain eligible to re-apply in future RES solicitations and will be evaluated again without prejudice. Reasons for a determination of non-viability may include:

- 1) The Bid Proposal is immature to such an extent that it would be impossible to ascertain whether it is viable;
- 2) The Bid Proposal is predicated on unrealistic economic or regulatory assumptions; or
- 3) The Bid Proposal is subject to serious economic or regulatory risks without a sufficient mitigation plan.<sup>27</sup>

Examples of why a Bid Proposal could be determined to be non-viable include, but are not limited to, failing to meet one or more Minimum Threshold Requirements, a Bid Facility at an early stage of development with a Bid Price that is determined to be insufficient to cover project costs, or an unfounded interconnection cost or permitting mitigation cost estimate. NYSERDA may seek additional information from any Proposers deemed to have submitted a non-viable Bid Proposal prior to removing the Bid Proposal for consideration.

A full description of the Minimum Threshold Requirements and the considerations upon which the TEP may award evaluation points are detailed below by subcategory.

### **Generation Facility Site Control**

**Minimum Threshold:** The Proposer must demonstrate an executed exclusivity agreement, letter of intent, executed binding option, executed lease, and/or easement with the site owner(s) for the Bid Facility site. The exclusivity agreement(s), letter(s) of intent, or other method(s) of site control must comprise at least 50% of the site's acreage.

**Exceeding the Threshold:** Evaluation will be based on the extent to which the Bid Proposal demonstrates binding site control (executed binding option, executed lease, easement and/or ownership) for the generation facility in excess of 50%.

### **Interconnection Right of Way Control**

**Minimum Threshold:** The Proposer must demonstrate full site control of the point of interconnection for the Bid Facility and demonstrate any necessary rights of way associated with reaching the POI. The Proposer must demonstrate the POI is accessible via an exclusivity agreement(s) and/or executed right of way agreement(s) for the necessary rights of way (if the generator lead facilities will be merchant-owned), or (iii) that the right of way is controlled by or assignable to the interconnecting utility that will own the interconnection facilities, or (iv) that the Proposer owns, has executed lease for, easement for, or executed binding option for the Bid Facility's point of interconnection.

**Exceeding the Threshold:** Evaluation will be based on the extent to which the Bid Proposal demonstrates binding site control for the point of interconnection and any rights of way needed to reach the point of interconnection from the generation facility.

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<sup>27</sup> See page 30 of the CES Modifications Order.

## Interconnection

Minimum Threshold: The Proposer must (i) have a valid, submitted Interconnection Request with NYISO or the Bid Facility's interconnecting control area or utility and (ii) have a System Reliability Impact Study or System Impact Study that is in progress, or have initiated the process to pay the required deposit/fees to commence a System Reliability Impact Study or System Impact Study, or the equivalent interconnection progress with the Bid Facility's interconnecting control area or utility.

Documentation provided to NYSERDA by the Proposer of the Bid Facility's interconnection status must be consistent with the Bid Facility as proposed. Documentation that does not reflect the Bid Facility as proposed may be rejected.<sup>28</sup> For Bid Facilities interconnecting to NYISO, the NYISO Zone of the Bid Facility should align with the zone being studied by NYISO as a planned point of interconnection.

The specific Minimum Threshold Requirements vary by the size and location of the Bid Facility:

- All Bid Facilities under the jurisdiction of NYISO: The required deposit and fees paid to commence the System Reliability Impact Study or System Impact Study have been advanced.
- Bid Facilities utilizing a FERC-jurisdictional interconnection process in an adjacent U.S. control area:
  - PJM Generation Interconnection: Fees paid to commence System Impact Study.
  - ISO-New England: Fees paid to commence System Impact Study commenced.
  - Hydro-Québec: Fees paid to commence Interconnection Study commenced.
  - Ontario Independent Electricity System Operator: Fees paid to commence System Impact Assessment (SIA) commenced.
- Small Bid Facilities (less than or equal to 20 MW) with a Non-Federal Energy Regulatory Commission (FERC) Interconnection:<sup>29</sup> Interconnecting utility company Coordinated Electric System Interconnection Review (CESIR), or equivalent, has been commenced.
- Behind-the-Meter Bid Facilities: Interconnecting utility company Coordinated Electric System Interconnection Review (CESIR), System Impact Study, System Reliability Impact Study or equivalent by interconnecting utility/ISO has been commenced.<sup>30</sup>

Exceeding the Threshold: Evaluation will be based on the demonstration of progress in the relevant interconnection process beyond the Minimum Threshold Requirements, as evidenced through documentation from NYISO, Utility or other applicable interconnection authority, such as a completed System Impact Study (or equivalent), or evidence that a Facilities Study (or equivalent) is in progress.

Proposers are strongly encouraged to demonstrate with currently available knowledge that their proposed point of delivery into the NYCA, along with their proposed interconnection and transmission and/or distribution upgrades, is sufficient to ensure full energy dispatch of the Bid Facility's expected generation output to provide the binding Bid Quantity (in Megawatt-hours) bid to NYSERDA. Please note that this includes energy and is not limited to capacity. Proposers are also strongly encouraged to submit a deliverability study or other third-party assessment of the Bid Facility's interconnection and

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<sup>28</sup> The Bid Facility's Bid Capacity must be at minimum the capacity submitted with the Interconnection Request.

<sup>29</sup> Connecting Transmission Owner Interconnection under state jurisdiction (typically, utility distribution less than 5 MW).

<sup>30</sup> Not all Behind-The-Meter facilities are eligible to create Tier 1 RECs. Please see the [RES Tier 1 Eligibility and Certification Guidelines](#) for full eligibility requirements.

deliverability potential as part of their Step Two Bid Proposal submission(s) to demonstrate the energy deliverability of a Bid Facility.

Proposals that can describe all interconnection and transmission upgrade costs required to ensure full energy dispatch, including transmission upgrades that may need to occur beyond the point of interconnection, will be awarded more points by the TEP based on the reasonableness of the modeled assumptions. Bid Facilities that can exhibit to NYSERDA that the project is energy-deliverable under clear and reasonable assumptions will be awarded more points by the TEP.

### **Energy Deliverability**

**Minimum Threshold:** The Proposer must provide all required interconnection data as part of the Step Two Bid Proposal to enable NYSERDA to coordinate with the NYISO, Distribution Utilities, and other subject matter experts to assess each Bid Facility's estimated energy deliverability potential for the current grid and future states of the grid based on reasonable assumptions of a 70x30 electric grid. Required interconnection data to be provided via the electronic Step Two Bid Proposal form will include the Bid Facility's:

- Point of Interconnection (POI) name and voltage;
- POI location, physical address (if available) and latitude/longitude;
- Nameplate Capacity (MWac and MWdc)
- Expected Annual Generation (MWh) and Bid Quantity (MWh)
- Net Capacity Factor
- Maximum Net Export Capability at POI (MW)
- Assumed Operating Power Factor
- 20-year 8,760 hourly generation profile, provided via Attachment E. P(50) 8,760 Template

As part of the Resource Assessment and Energy Production Estimate submitted with the Step Two Bid Proposal, any generation bid to NYSERDA under Step Two of RESRFP21-1 must be substantiated by the Proposer as deliverable.

**Exceeding the Threshold:** In this category, the TEP will evaluate and award points to Bid Proposals based on the benefits afforded to the electric grid in light of the CES goals to expand the share of renewable energy as a portion of total energy consumed in New York State to 70 percent by the year 2030 ("70x30"), including benefits to address grid congestion and delivery constraints, and the extent to which a Proposer can demonstrate that the Bid Facility can deliver firm power (e.g., Bid Quantity as proposed to NYSERDA) to the electrical system without adversely impacting the generation output profile of both existing and planned renewable generators.

Proposers should familiarize themselves with NYISO's proposed energy deliverability metric that was recently approved by FERC in tariff updates to enhance the Economic Planning Process. The energy deliverability metric "will provide information about the ability of each Resources, individually and taken collectively with other Resources, to be able to deliver its fully energy capability to the system and the degree of, and the conditions that are expected to lead to, any curtailment thereof."<sup>31</sup>

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<sup>31</sup> See NYISO tariff section 31.3.1.3.5.7 as filed and approved in FERC Docket No. ER21-1074-000.

In consultation with subject matter experts, NYSERDA and the TEP will proportionally allocate points based on the modeled benefits to the grid and future estimated energy deliverability potential based on reasonable assumptions of a 70x30 electric grid. Bid Facilities that plan to interconnect to the electric grid where congestion and curtailment of renewable generators is more likely to occur on a 70x30 electric grid will receive fewer evaluation points compared to Bid Facilities that will interconnect to the electric grid in areas where congestion and curtailment is less likely to occur. The TEP will also consider interconnection studies and/or deliverability studies provided by Proposers as part of their Step Two Bid Proposals, if provided by the Proposer.

NYSERDA may employ analyses to identify potential impacts that proposed Bid Facilities may create on the energy deliverability of renewable energy projects that are operating, under development, and/or under contract to deliver energy for end use in New York State, including curtailments or direction from the NYISO or Scheduling Coordinator that forces a renewable generator to reduce output. These potential impacts will be assessed in part based on current conditions and in part based on the expected grid limitations that will present themselves on a 70x30 grid. NYSERDA will coordinate with NYISO and the distribution/transmission owners to employ relevant analyses to estimate potential congestion and curtailment impacts resultant from the portfolio of bids submitted to RESRFP21-1. These analyses will also inform the decision to employ Portfolio Risk Factors authorized under the CES Modification Order (See Section 6.2).

Proposers are strongly encouraged to familiarize themselves with all ongoing work to identify areas of current and future congestion on the electric grid, including the DPS and NYSERDA [State Power Grid Study](#), inclusive of Distribution and Local Capital Plans and a Bulk Transmission Investment Plan, the NYISO [2019 CARIS 70x30 Constraint Modeling](#) study and outputs, the System & Resource Outlook study, if available,<sup>32</sup> and other similar studies conducted by the state, NYISO, and/or the transmission owners. NYSERDA and the TEP will use the most recent and pertinent modelling assumptions available for evaluation purposes to assess energy deliverability and allocate points. Updated assumptions and outputs published by DPS, NYSERDA, NYISO, and other parties may become available during the course of this solicitation, including outputs published under the Proceeding on Motion of the Commission to Implement Transmission Planning Pursuant to the Accelerated Renewable Energy Growth and Community Benefit Act (AREGCBA).<sup>33</sup>

The TEP may consider the quality of an energy deliverability study for firm power delivery and network upgrade costs, if provided by the Proposer, for evaluation. Full energy deliverability may be demonstrated by upgrade costs described and included in the Bid Facility's bid price and a deliverability assessment.

Bid Facilities located outside of the NYCA or NYISO Market Zone (External Facilities) are not eligible for evaluation points in this category.

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<sup>32</sup> The System & Resource Outlook study is the new name for the CARIS Phase 1 study under the proposed changes to NYISO's Economic Planning Process.

<sup>33</sup> Matter 20-00905, Case Number 20-E-0197, Proceeding on Motion of the Commission to Implement Transmission Planning Pursuant to the Accelerated Renewable Energy Growth and Community Benefit Act; <http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx?MatterCaseNo=20-E-0197&submit=Search>

## **Peak Coincidence**

**Minimum Threshold:** The Proposer must provide all required interconnection data as part of the Step Two Bid Proposal as noted for the Energy Deliverability Minimum Threshold Requirements.

**Exceeding the Threshold:** The TEP will allocate points based on how closely the Bid Facility's expected generation profile matches future estimates of NYISO load, and how the Bid Facility complements other renewable generation already under contract to New York State. The evaluation may consider both historical and future expected load shapes, and may include proposed generation that is not yet operating but under development to deliver renewable generation in New York State.

## **Permitting**

**Minimum Threshold:** Proposers must 1) complete a minimum level of permitting studies based on the expected permitting process of the proposed Bid Facility, and 2) submit a complete Permitting Plan that demonstrates awareness of all applicable permitting requirements, includes a reasonable timeline for obtaining permits and authorizations that is consistent with the development plan, and adequately addresses other expected permitting obstacles and/or input from the Bid Facility's host community.

The minimum level of permitting due diligence needed to meet the Minimum Threshold Requirement, determined according to the Bid Facility's expected permitting process:

- Bid Facilities proceeding through the [Office of Renewable Energy Siting](#) (ORES) must substantiate as part of the Step Two Bid Proposal that the following studies have been completed for the Bid Facility site:
  - Wildlife Site Characterization Report<sup>34</sup>
  - Draft Desktop Wetlands and Water Resources Delineation<sup>35</sup>
  - Phase IA Archeological Desktop Survey<sup>36</sup>
- Bid Facilities proceeding through the [New York State Environmental Quality Review Act \(SEQR\)](#)<sup>37</sup> must substantiate as part of the Step Two Bid Proposal that a 1) Full Environmental Assessment Form (FEAF)<sup>38</sup> has been completed and is prepared to or has been submitted to the applicable lead agency and applicable NYS DEC Division of Environmental Permits office, or that 2) a finding of no jurisdiction has been provided by NYS DEC following the submission and review of the FEAF for the Bid Facility.
- For Bid Facilities in external control areas, the Proposer will be required to substantiate that an equivalent level of pre-development due diligence has been conducted for the Bid Facility site prior to the submission of a Step Two Bid Proposal. The documentation to be provided to substantiate the Permitting Minimum Threshold Requirements must be outlined by the

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<sup>34</sup> [Office of Renewable Energy Siting Regulations and Uniform Standards and Conditions](#) §900-1.3 Pre-application procedures (g) NYS threatened or endangered species

<sup>35</sup> [Office of Renewable Energy Siting Regulations and Uniform Standards and Conditions](#) §900-1.3 Pre-application procedures (e) Wetland delineation and (f) Water Resources and Aquatic Ecology

<sup>36</sup> [New York State Historic Preservation Office, Environmental Review Archeological Surveys](#)

<sup>37</sup> [New York State Environmental Quality Review Act \(SEQR\)](#) and [SEQR Handbook](#), Fourth Edition, 2020

<sup>38</sup> [State Environmental Quality Review Act \(SEQR\) Forms](#), Full Environmental Assessment Form (FEAF) (Appendix A to 6 NYCRR 617.20 - revised January 1, 2019)

Proposer in the Step One Eligibility Application such that NYSERDA can confirm or modify any proposed equivalent documentation prior to or as part of the Notice of Qualification.

For large-scale solar Bid Facilities located in a New York State agricultural district, Proposers are also required to provide preliminary information to estimate agricultural mitigation fund payments based on the Bid Facility impacts described in Appendix 2.

A detailed description of permitting plan contents and other required narratives is included in Section 0 and Appendix 2 – Permitting Plan Requirements and Guidelines.

Exceeding the Threshold: Evaluation will be based on the Bid Facility’s demonstrable progress through its applicable permitting process and the completeness and credibility of the Proposer’s plan for successfully obtaining necessary permits within the proposed development schedule. Bid Facilities that have secured relatively more permits needed to construct and operate, have performed a more exhaustive amount of permitting activities and have greater knowledge of the Bid Facility site, its permitting requirements, and any planned and/or required mitigation activities will be awarded more points by the TEP.

Permitting Plans that respond more comprehensively to the considerations identified in Appendix 2 - Permitting Plan Impacts and Guidelines, and that provide greater detail into how these impacts will be avoided or mitigated, will be awarded more points by the TEP.

### **Project Development, Financing and Creditworthiness**

Minimum Threshold: Proposers must demonstrate that they have experience in developing renewable generation facilities. Specifically, the Proposer or the principals in its development team must have developed at least one renewable generation facility of similar or larger scale to commercial operation. NYSERDA will not consider aggregated portfolios of generation facilities as a project under this criterion. For the purposes of this criterion, similar scale is defined as follows:

- A project of at least 33% of the proposed Bid Facility capacity, in MWac; or
- A project of at least 10% of the proposed Bid Facility capacity, in MWac, if the Proposer has also successfully completed the same interconnection process in the same State or Jurisdiction as the proposed Bid Facility.

The Proposer or the principals in its development team must have the required experience successfully developing at least one renewable generation project. Experience of vendors or contractors to the Proposer or the principals in its development team do not count towards this experience requirement.

Proposers must submit a detailed Financing Plan demonstrating a sufficient degree of planning and due diligence on how the Bid Facility is to be financed. Proposers must describe a plan to finance the proposed Bid Facility and if applicable, Energy Storage, including construction and term financing. A description of Financing Plan contents is included in Section 0.

Exceeding the Threshold: Evaluation will be based on the relative level of project development and financing experience demonstrated, particularly with respect to facilities of comparable scale<sup>39</sup> and

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<sup>39</sup> Comparable scale is 50% or more of the proposed capacity.



similar technology<sup>40</sup> and location.<sup>41</sup> Proposals for Bid Facilities that are similar to those projects provided and successfully brought to commercial operation by the Proposer will be awarded more points by the TEP. Aggregated portfolios of generation facilities will not be considered as a “project” under this category. Proposers with relatively higher credit ratings or with relatively more assets (or higher asset/debt ratio) will be awarded more points by the TEP.

### **Community Engagement**

**Minimum Threshold:** Proposers must demonstrate that they have been in contact with the local officials for the towns the Bid Facility is sited within regarding the Bid Facility’s development. The Proposer must identify the host Authorities Having Jurisdiction AHJ(s) regarding the Bid Facility and ensure local officials are informed of the Bid Facility’s participation in RESRFP21-1. Proposers will also be responsible for submitting a complete Community Engagement Plan as described in Section 8.3.4, to be publicly posted following the receipt of Step Two Bid Proposal packages.

All activities undertaken by Proposers related to community engagement must adhere to the requirements outlined under Governor Cuomo’s phased reopening plan, “[NY Forward](#)”, and all other State, Federal or local rules and guidance, including, without limitation, adhering to and attesting to the current NYS Department of Health (DOH) guidance.

**Exceeding the Threshold:** Evaluation will be based on the quality and effectiveness of the Proposer’s demonstrated commitment to building a working relationship with the Bid Facility’s host town(s), counties, school districts, local organizations and other AHJ(s). Proposers that submit relatively higher quality Community Engagement Plans, employ strategies that are responsive to the current needs of the host communities and outline strategies to maintain a transparent and responsive relationship throughout the Bid Facility’s development will be awarded more points by the TEP. Proposers that are able to identify specific benefits for disadvantaged communities as part of their relationship with the Bid Facility’s host town(s) and other local groups and work with these entities as part of the Bid Facility’s development process are also eligible to be awarded more points by the TEP.

### **Resource Assessment and Energy Production Estimate**

**Minimum Threshold:** Proposers are required to provide a Resource Assessment and an Energy Production Estimate for the Bid Facility. The Resource Assessment must approximate the renewable resource typically available on an annual basis to power the Bid Facility. The Energy Production Estimate must estimate the Bid Facility’s ability to convert the renewable resource to electric power at the P(50)<sup>42</sup> level. Detailed technology-specific requirements and evaluation criteria for the Resource Assessment

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<sup>40</sup> Similar technology is the same resource and prime mover, e.g., solar, wind. It is not meant to distinguish between different solar technologies, for example.

<sup>41</sup> Similar location is the same interconnecting entity.

<sup>42</sup> P(50) represents a level of resource projection or production estimate with a 50% likelihood of being exceeded in any future year. The P(50) value shall be the expected value (i.e., the mean) based on the Proposer’s Resource Assessment diligence in accordance with the minimum requirements listed in the section herein for the respective renewable technology.

and Energy Production Estimate are presented in [Appendix 1 - Resource Assessment and Energy Production Estimate Requirements](#).

The Resource Assessment and Energy Production Estimate must be consistent with and representative of the Bid Facility, long-term conditions at the site, and if applicable, co-located Energy Storage, as proposed to NYSERDA. The Bid Quantity may not exceed the P(50) long-term Energy Production Estimate.

For Eligible Upgrades, provision of the Resource Assessment and Energy Production Estimate submitted to obtain a PSoQ or SoQ and the associated Tier 1 certification is sufficient to meet the minimum requirements outlined in Appendix 1 based on the resource type.

Bid Facilities including co-located Energy Storage shall include a P(50) Energy Production Estimate that considers Energy Storage for the Bid Facility, including anticipated losses resulting from the addition of Energy Storage. Solar facilities including Energy Storage must specify if the Energy Storage is AC or DC coupled.

Exceeding the Threshold: Evaluation will be based on the quality of the Resource Assessment and Energy Production Estimate. Submissions that meet the criteria outlined in Appendix 1 for evaluation exceeding the Minimum Threshold Requirements will be awarded more points by the TEP.

### **Carbon Emissions and Embodied Carbon**

Minimum Threshold: NYSERDA requests that Proposers describe the efforts that have or can be undertaken to understand the “embodied carbon” impact of renewable development and minimize the Bid Facility’s embodied carbon intensity. To the extent discernable at the current stage of development, Proposers should describe and explain the anticipated carbon intensity in Bid Facility design, sourcing, construction, operation and maintenance.

Proposers should also describe and explain any available process by which the Proposer will be able to account for embodied carbon on an ongoing basis through development, construction and operation of the Bid Facility. This could include the sourcing and manufacturing of primary components such as modules, inverters, turbines, towers, other prime movers, cables, substations, energy storage facilities, and other electric equipment, but should also consider associated activities such as construction, Operation & Maintenance (O&M), and decommissioning. This could also include opportunities to support carbon mitigation efforts in collaboration with New York State manufacturing sources.

Awarded Proposers will also be required to report as part of their contractual progress reports to NYSERDA an interim and final accounting of the Bid Facility’s carbon footprint and estimated energy and carbon payback periods.

Exceeding the Threshold: Evaluation will be based upon the degree to which Proposers can substantiate the aspects of the Bid Facility or co-located/separately located facilities or carbon mitigation efforts can be demonstrated to cause a net decrease to the embodied carbon associated with the Bid Facility’s development and/or other New York State activities that the Proposer is engaged in, including any actions that can be reasonably aligned with New York’s State’s nation-leading climate legislation, the CLCPA, including its target of reducing greenhouse gas emissions 80% by the year 2050. Any binding commitments regarding Embodied Carbon mitigation should also be identified as part of the Proposers’ Incremental Economic Benefits to New York State narrative, if applicable.

### **Energy Storage (if applicable)**

**Minimum Threshold:** Whether co-located with the Tier 1 eligible generation or located in a separate location from the Tier 1 eligible generation, the Proposer must have at least an executed exclusivity agreement or letter of intent with the Energy Storage site owner(s). The full site needed for the Energy Storage must be covered by the exclusivity agreement(s) and/or letter(s) of intent.

The Proposer must demonstrate that it has experience in developing at least one Energy Storage system of similar or larger scale using the same technology as proposed. To qualify, the previously developed Energy Storage facility does not yet need to be in commercial operation to meet this Minimum Threshold Requirement.

The Proposer must have discussed Energy Storage with the relevant interconnecting utility company and have identified the applicable requirements. Proposer has either: (1) submitted a valid Interconnection Request for Energy Storage and demonstrates that all initial fees have been paid, or (2) prepared drafts of all initial Energy Storage interconnection application documents such that the Interconnection Request can be submitted within 3 months following an award from NYSERDA.

**Exceeding the Threshold:** In this category, the TEP will evaluate and award points to Bid Proposals based on the benefits afforded to the electric grid by the Bid Facility if proposing with Energy Storage, including the Energy Storage Capacity and relative level of Energy Storage Capacity to the Bid Facility Nameplate Capacity.

Evaluation will be based in part on the amount of Energy Storage is included in the Bid Proposal, and in part of the cost and benefits associated with the addition of energy storage to the Bid Proposal. Bid Facilities paired with Energy Storage may be co-located with the renewable generator or separately located in the NYCA. NYSERDA and the TEP will award more points to Bid Facilities with larger Energy Storage Capacity (MWh), and with a larger relative Energy Storage Capacity (MWh) in relation to the renewable generator Nameplate Capacity (MW).

NYSERDA's evaluation will also attribute more points to Step Two Bid Proposal packages that include Energy Storage. The TEP will review the price premiums associated with Alternate Bid Proposals including Energy Storage relative to the corresponding Base Bid Proposals in comparison with current energy storage capital expenditure expectations and with funding available through NYSERDA's Bulk Storage Incentives program. Bid Proposals with lower Energy Storage premiums in dollars per REC will be awarded more points by the TEP than Bid Proposals with higher Energy Storage premiums. Bid Proposals that can be demonstrated to serve acute congestion and/or deliverability needs will be awarded more points by the TEP than Bid Proposals that do not afford similar benefits to the electric grid.

All Proposers are encouraged to explore the feasibility of pairing their Tier 1 Bid Facility with a co-located and/or separately located energy storage facility. Energy storage facilities located in NYISO Zones J and K will be given the greatest weighting increase due to the disproportionate presence of existing generators in disadvantaged communities in these regions.

Any Energy Storage facility that has been awarded a utility Bulk Dispatch Rights Contract is not eligible to be paired with a Tier 1 generator, however facilities actively seeking such a contract remain eligible to

receive Tier 1 REC Agreement funding. NYSERDA will coordinate with any utility-led solicitations for energy storage to ensure that participating Proposers remain eligible in each solicitation prior to the final determination of awarded contracts.

Only energy storage facilities located in New York State are eligible for evaluation points in this category due to the associated Operational Flexibility benefits afforded to the electric grid.

#### **4.2 Incremental Economic Benefits to New York State Including Disadvantaged Communities**

The TEP will evaluate and award up to 10 points to Bid Proposals based on the degree to which each Bid Proposal demonstrates that Incremental Economic Benefits will accrue to New York because of the development, construction/modification, and operation of the Bid Facility. Incremental Economic Benefits may be claimed in three categories:

- 1) Long-Term Economic Benefits to New York State;
- 2) Short-Term Economic Benefits to New York State; and
- 3) Investments/Commitments to Local Economic and Workforce Development.

Proposers must demonstrate that the incremental economic benefits will (1) will accrue after the release date of this RFP, and (2) would not have accrued but for the issuance of this RFP or award of a contract under this RFP. Incremental Economic Benefits previously claimed with respect to a Bid Facility that is subject to a pending award under a previous solicitation or that is the subject of a current NYSERDA contract are not eligible for evaluation.

Only those Incremental Economic Benefits meeting the eligibility criteria and falling within the defined categories in Section 8.3.5 will be considered for evaluation. The TEP will award a maximum of 10 points between the three sub-categories. For Long-Term and Short-Term Economic Benefits, points will be awarded in proportion to the level of eligible claims, normalized across all Bid Facilities by dividing each Bid Facility's eligible claims by that Bid Facility's Bid Capacity (\$/MW). For the third category, economic and workforce development claims, the TEP will assess the scale and the likely impact of the proposed actions and the firmness of the commitments, with points awarded based on the number, range, maturity, firmness, and credibility of the commitments being made and the scale of the potential benefits. The TEP will consider the:

- Nature, quantity and importance of the proposed claims;
- Effectiveness of the approach to developing the proposed claims;
- Supporting documentation to substantiate the nature, firmness, and maturity of the commitments, including, for example, letters of support, memoranda of understanding, letters of intent, option agreements, or binding contracts, and
- Timeframe during which the claims will accrue; the TEP will award more points to investments/commitments related to local economic and workforce development initiatives that are to accrue sooner than to those that will accrue later in the development process.

## **Disadvantaged Communities**

The TEP will award more points to Bid Proposals that demonstrate that the associated Incremental Economic Benefits to New York State will be realized in part or in full by disadvantaged communities. It is incumbent upon Proposers to clearly identify which Economic Benefits claims and to what extent the benefits will be realized by disadvantaged communities, how these claims meet [the interim criteria for disadvantaged communities](#), and how the Proposer will substantiate that any Incremental Economic Benefits claimed as being directed to disadvantaged communities have accrued to those communities via interim reporting requirements and a final audit of the Proposers' Incremental Economic Benefits claims following the third of year of commercial operation of the Bid Facility. Commitments made by Proposers to benefit disadvantaged communities will be incorporated into the Agreement for awarded Proposers. See Section 6.10 of the Agreement.

Proposers' that commit to directing economic benefits to disadvantaged communities will be materially preferred during the evaluation of Incremental Economic Benefits. Proposers are also strongly encouraged to work with their development partners, including NYSERDA and the NYS Department of Labor, to prioritize the hiring of laborers, workpersons, mechanics, other specialized labor, and long-term operations and maintenance staff from disadvantaged communities. See Section 8.3.5 for a detailed description of eligibility and the scoring process for Incremental Economic Benefits, the benefits that NYSERDA views as being able to be targeted to benefiting disadvantaged communities, and for additional resources available to Proposers to assist in workforce development and local/disadvantaged community training and hiring.

## 5 PRICE EVALUATION & BID PRICE STRUCTURE

### 5.1 REC Products Pricing

Each Step Two Bid Proposal must conform to either the Index REC or Fixed REC pricing structure. Offer prices for each Bid Proposal are all-inclusive; that is, for all components of the Bid Facility.

For both forms of pricing, only level nominal dollar pricing will be accepted. Proposals will be accepted with Contract Tenors of a minimum of one year and a maximum of the Bid Facility's Maximum Contract Tenor, determined by the Bid Facility's technology and vintage.<sup>43</sup>

While all Bid Proposals must employ a single pricing structure, Bid Proposals are permitted to employ different pricing structures for materially different Bid Proposals. For example, if a Proposer submits a Bid Proposal for a Bid Facility without energy storage and a Bid Proposal for the same Bid Facility with energy storage, the two Step Two Bid Proposals may employ different pricing structures, either fixed or index.

NYSERDA cannot adjust the binding Fixed or Index REC Bid Price submitted by awarded Proposers. Bid Proposals should be appropriately priced to reflect all interconnection and transmission upgrade costs required to ensure energy dispatch that is consistent with the Bid Proposal's proposed generation output profile, including transmission and/or distribution network upgrades that may need to occur beyond the point of interconnection.

#### 5.1.1 Fixed REC Pricing

Under the Fixed REC pricing, the Monthly REC Price is equal to the Fixed REC Price.

$$\text{Monthly REC Price} = p^{\text{Fixed}}$$

where:

$$p^{\text{Fixed}} = \text{Fixed REC Price (\$/MWh)}$$

Each month's Fixed REC Price shall be as offered in the Bid Proposal for the relevant Contract Year, with the same Fixed REC Price applied for all months within the Contract Year. The Fixed REC Price shall also be the same for all Contract Years.

#### 5.1.2 Index REC Pricing

Under the Index REC pricing, the Monthly REC Price varies monthly during the Contract Delivery Term and is calculated:

$$\text{Monthly REC Price} = SP^{\text{Index}} - REP - RCP$$

where:

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<sup>43</sup> See Section 8.3.3.

$SP^{Index}$  = Index REC Strike Price (\$/MWh)

$REP$  = Reference Energy Price (\$/MWh)

$RCP$  = Reference Capacity Price (\$/MWh)

Each month's Index REC Strike Price shall be as offered in the Bid Proposal for the relevant Contract Year, with the same Index REC Strike Price applied for every month of the Contract Tenor.

For Bid Facilities in New York State, each month's Reference Energy Price shall be a simple average of the hourly NYISO Day-Ahead Market (DAM) locational based marginal pricing (LBMP) for the NYISO Zone in which the Bid Facility's Delivery Point is physically located.<sup>44</sup> For Bid Facilities in external control areas, each month's Reference Energy Price shall be a simple average of the hourly NYISO Day-Ahead Market (DAM) locational based marginal pricing (LBMP) for the Proposer-identified NYISO Zone which the Bid Facility will be injecting into.

Each month's Reference Capacity Price will be based on the conversion of a Reference Unforced Capacity (UCAP) Price, equal to the spot auction price in \$/kW-month for the NYISO Zone in which the Bid Facility is located as published by NYISO.<sup>45</sup> For Bid Facilities in external control areas, each month's Reference Capacity Price will be based on the conversion of a Reference Unforced Capacity (UCAP) Price, equal to the spot auction price in \$/kW-month for the Proposer-identified NYISO Zone which the Bid Facility will be injecting into.

The Reference Capacity Price is converted to its \$/MWh equivalent through the following equation:

$$RCP = \frac{RUP \times UPF \times IC \times 1,000}{REC}$$

where:

$RUP$  = Reference UCAP Price (\$/kW-month)

$UPF$  = UCAP Production Factor (decimal fraction)

$IC$  = Installed capacity (ICAP) of the generator (MW)

$REC$  = Tier-1 Renewable Energy Certificates produced from the Bid Facility for such month (including any Tier-1 Renewable Energy Certificates produced in

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<sup>44</sup> Historical daily NYISO DAM LBMPs can be downloaded from the NYISO website at <http://mis.nyiso.com/public/> or <https://www.nyiso.com/custom-reports>.

<sup>45</sup> Historical monthly capacity spot auction prices can be downloaded from the NYISO website at [http://icap.nyiso.com/ucap/public/auc\\_view\\_spot\\_detail.do](http://icap.nyiso.com/ucap/public/auc_view_spot_detail.do) or <https://www.nyiso.com/installed-capacity-market>. NYISO UCAP prices are not reported by Zone, but instead by capacity locality. Capacity localities include New York Control Area (NYCA), Southeast New York (or the G-J Locality), New York City (NYC) and Long Island (LI). Nested capacity localities, for example, New York City inside the G-J Locality, can have the same or a higher price as the capacity locality they are located within. For Zones A through F, refer to the NYCA UCAP price. For Zones G through I refer to the G-J Locality UCAP price. For Zone J, refer to the NYC UCAP price. For Zone K, refer to the LI UCAP price.

excess of the Annual REC Cap or otherwise not committed for sale to NYSERDA under this Agreement)

1,000 = kW to MW conversion factor

The UCAP Production Factor multiplied by the Bid Facility's installed capacity is a proxy for the Bid Facility's NYISO UCAP in MW. The UCAP Production Factor will be specified separately for a Winter Capability Period (November through April) and a Summer Capability Period (May through October). These fixed seasonal UCAP Production Factors will be utilized for the duration of the contract tenor.<sup>46</sup> The UCAP Production Factor can vary in alternative Bid Proposals for a Bid Facility, for example based on the inclusion of energy storage. Proposers are encouraged to consider current guidance from the NYISO's Installed Capacity Manual.<sup>47</sup> Proposers are permitted to select any UCAP Production Factor value between 0 and 1.

## 5.2 Settlement Mechanism

NYSERDA will calculate the Reference Energy Price and Reference Capacity Price for each month according to the calculation outlined in the Agreement. The Monthly REC Price will be calculated during a settlement period following the conclusion of each month.

The Proposer's selection of the UCAP Production Factors will determine i) how the project is evaluated on Bid Price and ii) the monthly Reference Capacity Price that the Proposer is paid for the Bid Facility for the Contract Tenor of the Agreement. Under the Agreement's Settlement, the UCAP Production Factor is not adjusted over the Contract Tenor. NYSERDA encourages Proposers to carefully consider the Summer and Winter UCAP Production Factors that will be included in the Bid Proposal. A low UCAP Production Factor leads to a low Reference UCAP Price and thus a higher Monthly REC Price and higher Monthly Payment, but may be evaluated less favorably in the Bid Price evaluation as it could appear more expensive relative to projects that submit a higher UCAP Production Factor. Conversely, a high UCAP Production Factor leads to a higher Reference UCAP Price and thus a lower Monthly REC Price (and lower Monthly Payment) which will be evaluated more favorably in the Bid Price evaluation, however higher UCAP Production Factors not experienced during operation may put a Bid Facility at risk of an unexpected revenue shortfall.

The following table illustrates how the choice of UCAP Production Factors affects the Proposer's monthly payment for a Solar project, based on an Index REC Strike Price of \$60/MWh, a Reference Energy Price of \$15.00/MWh, a Reference UCAP Price of \$5.00/kW-month, an Installed Capacity of 20 MW, and monthly REC production of 7,200 MWh (equivalent to production in a 30-day month at a 50% capacity factor).

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<sup>46</sup> Fixed, seasonal UCAP Production Factors allow for one fixed winter and one fixed summer UCAP production factor for the duration of the contract tenor.

<sup>47</sup> NYISO Installed Capacity Manual, published February 2021, provides default factors for different resource types and locations [https://www.nyiso.com/documents/20142/2923301/icap\\_mnl.pdf/234db95c-9a91-66fe-7306-2900e905338](https://www.nyiso.com/documents/20142/2923301/icap_mnl.pdf/234db95c-9a91-66fe-7306-2900e905338)



UCAP Production Factor	Reference UCAP Price (\$/MWh)	Monthly REC Price (\$/MWh)	Monthly Payment (\$000)
0%	\$0.00	\$45.00	\$324
25%	\$3.47	\$41.53	\$299
50%	\$6.97	\$38.06	\$274
75%	\$10.42	\$34.58	\$249
100%	\$13.89	\$31.11	\$224

To calculate the amount payable to Seller, the Monthly REC Price will be multiplied by the lessor of (i) the product of the number of RECs produced from Actual Eligible Production in the prior month and the Bid Quantity Percentage, and (ii) the number of RECs delivered into NYSERDA's NYGATS account. These payments will be calculated after the close of each calendar month during the Contract Delivery Term when NYGATS or the Qualified Independent Party (QIP) provides meter data, typically 15-20 days after month-end. During each month's settlement period, NYSERDA will only purchase RECs such that the cumulative RECs purchased in the active Contract Year do not exceed the Annual REC Cap. The Annual REC Cap may be adjusted prior to Commercial Operation, per Article V of the Agreement.

In the case of a negative Monthly REC Price, the associated payment from Seller to NYSERDA will not be cash-settled on a month-by-month basis. Instead, the amount owed from Seller to NYSERDA will accrue as a debit to be deducted from each subsequent monthly payment until fully recovered. If, due to sustained negative REC prices, any such debit goes unrecovered for twelve months, Seller shall pay the unrecovered amount to NYSERDA in cash as described in Section 4.04 of the Agreement.

### 5.3 Bid Price Evaluation

A quantitative method will be applied to all bids in order to screen and rank the pricing bids using a uniform cost metric. For evaluation purposes, bid prices will be converted to a Levelized Net REC Cost (LNRC) in base year \$/MWh for both the Fixed REC Price and Index REC Strike Price bids. The LNRC price measure allows for an equitable comparison among Proposals with different pricing structures, REC quantities, and Contract Tenors. Strike prices will be converted into expected annual REC values by subtracting a forecast of expected Reference Energy Prices and Reference Capacity Prices from the strike prices, based on NYSERDA's forecasts of energy and capacity prices. Neither the price forecasts nor details of the modeling procedures will be disclosed to Proposers.

For evaluation purposes, regardless of the proposed Commercial Operation Date, Bid Proposals for Bid Facilities not yet under operation will be evaluated with a Contract Delivery Term commencement month of December 2023 and therefore a  $COMD_p$  of December 2023, and Bid Proposals for Bid Facilities currently operating will be evaluated with a Contract Delivery Term commencement month of December 2021, and therefore a  $COMD_p$  of December 2021.

The LNRC for Proposal  $p$  using pricing form  $f$  is the quotient of the cumulative present value of the annual net REC costs over the proposed Contract Tenor, divided by the cumulative present value of the projected annual number of RECs produced from Actual Eligible Production multiplied by the Bid Quantity Percentage over the same period. The annual quantities are discounted at a real discount rate. The resulting quotient is expressed in base year dollars per REC or MWh.

$$\text{LNRC}_{p,f} = \text{PVNRC}_{p,f} / \text{PVRQ}_p$$

where:

$\text{PVNRC}_{p,Fixed}$  = PV of Net REC Cost for Proposal  $p$ , pricing form Fixed (\$ PV)

$$= \sum_{y=\text{COMD}_p}^{y=\text{COMD}_p+\text{CT}_p} \left\{ \sum_{m=1}^{m=12} P_{p,m,y}^{Fixed} \times RQ_{p,m,y} \times BQP_p \right\} \div (1 + \text{NDR})^{(y-Y_b)}$$

$\text{PVNRC}_{p,Index}$  = PV of Net REC Cost for Proposal  $p$ , pricing form Index (\$ PV)

$$= \sum_{y=\text{COMD}_p}^{y=\text{COMD}_p+\text{CT}_p} \left\{ \sum_{m=1}^{m=12} (SP_{p,m,y}^{Index} - RPE_{m,y}^{Pred} - RPC_{m,y}^{Pred}) \times RQ_{p,m,y} \times BQP_p \right\} \div (1 + \text{NDR})^{(y-Y_b)}$$

$\text{PVRQ}_p$  = PV of REC delivery quantities for Proposal  $p$  (MWh)

$$= \sum_{y=\text{COMD}_p}^{y=\text{COMD}_p+\text{CT}_p} \left\{ \sum_{m=1}^{m=12} RQ_{p,m,y} \times BQP_p \right\} \div (1 + \text{RDR})^{(y-Y_b)}$$

$RQ_{p,m,y}$  = REC delivery quantity for Proposal  $p$  applicable to month  $m$  of calendar year  $y$  (REC or MWh), as provided in Attachment E – P(50) 8760 Template

$RPE_{m,y}^{Pred}$  = Predicted Reference Energy Price index for month  $m$  in calendar year  $y$  (nominal \$/MWh)

$RPC_{m,y}^{Pred}$  = Predicted Reference Capacity Price index for month  $m$  in calendar year  $y$  (nominal \$/MWh)

$BQP_p$  = Bid Quantity Percentage for Proposal  $p$

$\text{COMD}_p$  = Calendar month associated with the expected Contract Delivery Term commencement date for Proposal  $p$

$\text{CT}_p$  = Contract Tenor for Proposal  $p$

$\text{NDR}$  = Nominal Discount Rate (decimal)

$\text{INF}$  = Inflation Rate (decimal)

$\text{RDR} = (1 + \text{NDR}) / (1 + \text{INF}) - 1$  = Real Discount Rate

$Y_b$  = Base year for cost and PV

A nominal discount rate of 5.75%<sup>48</sup> per year and a long-term inflation rate assumption of 2.0% per year will be used in the LNRC calculation procedure.

For the Index REC form of pricing, strike prices will be converted into expected annual REC values by subtracting a forecast of expected Reference Energy Prices and Reference Capacity Prices from the strike prices, based on NYSERDA's forecasts of energy and capacity prices. Neither the price forecasts nor details of the modeling procedures will be disclosed to Proposers.

#### **5.4 Bid Price Scoring**

For purposes of cost containment, Benchmark LNRCs will be derived for both the Index REC and the Fixed REC. NYSERDA retains the right to reject any and all Proposals that exceed the applicable Benchmark LNRC. Use of the Benchmark LNRCs will support a reasonable balance between encouraging investment in new renewable projects and protecting ratepayer interests from the incurrence of any deadweight costs associated with accepting a Proposal at any price.

All bids, including both Index REC bids and Fixed REC bids, will be sorted in ascending order per LNRC. The lowest bid per the LNRC will receive the maximum points available for the Bid Price component (70 points) and higher LNRCs will receive lower scores (less than 70 points). NYSERDA will implement a method that ensures that the scores of higher LNRCs are sufficiently dispersed below the maximum of 70 points such that the final score aggregating Bid Price, Project Viability and OpFlex, and Incremental Economic Benefits retains the intended scoring emphasis on the LNRC to the maximum reasonable extent.

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<sup>48</sup> The discount rate for Bid Price evaluation (DISCO Discount Rate or DDR) was established by the New York State Department of Public Service Office of Accounting, Audits and Finance, revised January 19, 2021.

## **6 PRELIMINARY RANKING, PORTFOLIO EVALUATION, AND FINAL AWARD GROUP**

### **6.1 Preliminary Rank Order**

A preliminary final ranking of Bid Proposals will be established based on the sum of the TEP scores for the non-price categories (Project Viability and OpFlex and Incremental Economic Benefits), and the points awarded for the Levelized Net REC Cost as a result of the Bid Price evaluation.

### **6.2 Portfolio Risk Factors**

Following the development of the preliminary rank order, NYSERDA may recommend modifying the award group, in consultation with DPS, to make minor adjustments to the final recommended award group should material benefits be noted due to the geographic concentration of projects with similar generation profiles; a portfolio-wide dependence on particular technology types; impacts to potential curtailment portfolio-wide; and impacts on network upgrade costs, congestion, and transmission development in general. NYSERDA will consult with subject matter experts, including DPS Staff, NYISO, and the distribution utilities to assess the portfolio of received bids to inform the potential employment of a Portfolio Risk Factor(s).

NYSERDA in consultation in DPS may recommend adjustments to the final award group that result in material benefits to the portfolio due to:

- 1) A decrease in a heavy concentration of renewable generation in a location;
- 2) A decrease in a heavy concentration of any one technology comprising the award group;
- 3) A portfolio that results in lower estimated levels of physical curtailment or includes projects/project configurations with mitigation factors to address curtailment; and/or
- 4) A portfolio that results in lower estimated levels of upgrade costs and/or firmer upgrade costs estimates, and/or projects with lesser estimated transmission impacts on the existing portfolio of contracted renewable projects.

These modifications may be made if comparable projects based on price and non-price factors are available in the preliminary ranking of Bid Proposals and would result in material benefits to the final award group are identified.

### **6.3 Final Award Group**

After determining whether any the Portfolio Risk Factors should be employed to modify the final rank order, NYSERDA and DPS will arrive at a final award group. NYSERDA and DPS may also establish a waitlist of Bid Facilities in rank order for Bid Facilities ranked below those Bid Facilities offered an initial award. The submission of a Step Two Bid Proposal will constitute a binding offer to contract under the terms of the Agreement; such offer must remain open for a period of at least ninety (90) days from the Step Two Bid Proposal deadline.

NYSERDA reserves the right to reject or accept any or all bids. NYSERDA may consider information provided by Proposer in response requests for additional information in accordance with Section 1.12 or otherwise obtained by NYSERDA as to indictments, convictions enforcement proceedings, investigations, and significant character or ethical questions in accepting or rejecting a bid. NYSERDA also reserves the right to solicit revised Bid Prices and/or to make counteroffers as it deems appropriate. Notification of a

re-bid, counteroffer or selection will be made by voice communication and via the solicitation website to the Proposer's Project Sponsor(s). Proposer's Project Sponsor(s) must be authorized to respond and to commit to counteroffers on behalf of Proposer.

NYSERDA will then notify Proposers with Bid Facilities contained in the final award group both by voice and written communication to Proposers' Project Sponsor(s) and Authorized Representative(s). The date upon which NYSERDA provides such written notification shall be the Award Notification Date. Once selected for an award, Proposers must negotiate a final version of the Agreement with NYSERDA. As a reminder, NYSERDA cannot adjust the Fixed or Index REC Bid Price and other settlement-related terms submitted by Proposers following the notification of an award, either upon award or during the Contract Tenor. NYSERDA will not entertain requests for material modifications to the Standard Agreement.

## 7 STEP ONE ELIGIBILITY APPLICATION

Step One is an initial qualifying step through which the Proposer must provide documentation confirming that the Bid Facility is registered in NYGATS as Tier 1 eligible and other key information about the Proposer and the Bid Facility.

A complete Step One Eligibility Application consists of the following components:

- 1) The letter received in the Proposer's NYGATS account from NYSERDA confirming that the application for Tier 1 eligibility (SoQ or PSoQ) has been approved.
- 2) An electronic form regarding general information about the Proposer and the Bid Facility for which the SoQ/PSoQ was granted. This will include Proposer contact information, and Bid Facility including name, nameplate capacity, expected annual generation, interconnection location (*e.g.*, NYISO Zone), host community or communities, intended pricing structure (Fixed REC or Index REC; not binding), and whether energy storage is to be included.

Instructions on how to submit a full Step One Eligibility Application are available on the solicitation website. Proposers whose Step One Eligibility Applications are found to be complete and that demonstrate eligibility will receive a Notice of Qualification, which will provide Proposers with a description of and access to the process and forms to be used to submit a Step Two Bid Proposal.

### 7.1 NYGATS Registration and Request for NYGATS Resource Eligibility Determination; Provisional Statement of Qualification (PSoQ) or Statement of Qualification (SoQ)

All Tier 1 eligibility applications to obtain an PSoQ/SoQ must be approved in the New York Generation Attribute Tracking System (NYGATS). Proposers can access the NYGATS system at the following links:

- New User Registration: <https://nygats.ny.gov/ng/Admin/Account>
- Existing User Sign-In: <https://nygats.ny.gov/>

Requests to obtain Tier 1 certification are completed in NYGATS. To complete a request, Proposers must create a NYGATS account, complete a project registration for the Bid Facility, and once the registration is approved, complete an application requesting a Resource Eligibility Determination, in the form of either a Statement of Qualification (SoQ), for facilities in operation at the time of request, or a Provisional Statement of Qualification (PSoQ), for facilities not yet in operation at the time of request. The SoQ/PSoQ certifies that a Bid Facility has met or will meet the eligibility requirements under Tier 1 of the RES.<sup>49</sup> NYSERDA will notify the Proposer of its eligibility determination by posting a letter in the Proposer's NYGATS account associated with the Bid Facility.

The Bid Facility characteristics submitted for the NYGATS project registration align as closely as possible with the characteristics intended to be submitted as part of a Step Two Bid Proposal (*e.g.*, Nameplate Capacity, NYISO Zone). Alternate Applications and Bid Proposals do not require a separate PSoQ in NYGATS (*e.g.*, Bid Facilities seeking to submit the project as different Nameplate Capacities). Step One

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<sup>49</sup> See <https://www.nyserderda.ny.gov/All-Programs/Programs/Clean-Energy-Standard/RenewableGenerators-and-Developers/RES-Tier-One-Eligibility/Certification>

Eligibility Applications with a different Nameplate Capacity than the Bid Facility's PSoQ must be smaller than the Nameplate Capacity associated with the PSoQ.

**The application requesting a Resource Eligibility Determination must be completed in NYGATS by 3:00 p.m. ET on Wednesday, June 16, 2021.** This will enable NYSERDA to complete the Tier 1 eligibility determination prior to the deadline for submitting the Step One Eligibility Application.

More information on the Resource Eligibility Determination process, including guidelines for documenting eligibility for certification, including the eligibility of distributed energy resources, upgrades, relocated facilities and facilities returning to service can be found on [NYSERDA's RES Tier 1 Eligibility website](#).<sup>50</sup> Training materials for using NYGATS to apply for an eligibility determination may be found on the [NYGATS website](#).<sup>51</sup>

## **7.2 Consistency with Existing SoQ or PSoQ**

For a Bid Facility with an existing SoQ or PSoQ, a Step One Eligibility Application submitted for the Bid Facility under this RESRFP21-1 must be consistent with the existing SoQ or PSoQ. Some resource changes, for example a change in the Technology Type, Nameplate Capacity, Control System Operator, New York Independent System Operator (NYISO) Zone, Electric Utility Company, Tariff Type, Vintage Type, Bid Facility address, or other key project components will require Proposers to submit either (1) an SoQ or PSoQ revision, or (2) a request for a new SoQ or PSoQ. NYSERDA will work with the Proposer to rectify any discrepancies. If assistance is needed, please contact [res@nyserda.ny.gov](mailto:res@nyserda.ny.gov) with a subject line "SoQ/PSoQ Assistance."

## **7.3 Deadline for Submitting a Step One Eligibility Application**

Proposers must submit the full Step One Eligibility Application, including an approved PSoQ or SoQ, via the solicitation website by 3:00 p.m. ET on Thursday, June 30, 2021.

## **7.4 Upgrade and Repowering Projects**

Proposers that intend to submit bids for incremental upgrades must utilize the Tier 1 Upgrade Percentage determined in the NYGATS SoQ or PSoQ. The Tier 1 Upgrade Percentage will be used in the both the Step One Eligibility Application and Step Two Bid Proposal to ultimately determine a Bid Facility's Bid Quantity.

Upgrade projects require a PSoQ, not an SoQ, if the proposed upgrade project is not yet in operation.

Repowering projects require a PSoQ, not an SoQ, if the proposed repowered facility has not yet undergone the requirement capital improvements to qualify as Tier 1. Proposers are advised to consult the CES Modification Order for the full requirements to qualify a repowered facility as Tier 1 eligible.

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<sup>50</sup> <https://www.nyserda.ny.gov/All-Programs/Programs/Clean-Energy-Standard/Renewable-Generators-and-Developers/RES-Tier-One-Eligibility/Eligibility>

<sup>51</sup> <https://www.nyserda.ny.gov/All-Programs/Programs/NYGATS/Registration-Documents>

## 8 STEP TWO BID PROPOSAL

Proposers who receive a Notice of Qualification will be invited to submit a Step Two Bid Proposal which will require the Proposer to provide additional information including a Bid Price and more detailed information about the Bid Facility and the Proposer. All Step Two Bid Proposals must be submitted electronically via the solicitation website. Instructions on how to submit a Step Two Bid Proposal will be provided to eligible Proposers that are issued a Notice of Qualification. Following the submission of a Step Two Bid Proposal, NYSERDA may request in-person and/or videoconference interviews with Proposers, to be scheduled at a mutually convenient time following the Step Two submission deadline.

**Only those Proposers qualified through the Step One Eligibility Application process will be permitted to submit a Step Two Bid Proposal.**

All Proposers, as a part of the State's [NY Forward](#), and pursuant to the above Executive Orders, will be required to maintain the [Interim Guidance for Construction Activities](#) during the COVID-19 Public Health Emergency put out by the Department of Health (DOH), and also adhere to the information included in the FAQ on NY Forward and Business Reopening maintained by the Empire State Development Corporation.

Under Step Two, NYSERDA will: (1) examine each Step Two Proposal to determine whether the Proposal demonstrates that the Bid Facility and Proposer meet the Minimum Threshold Requirements; and (2) for Proposals that meet those minimum requirements, NYSERDA and the TEP will conduct a full competitive evaluation based on price and non-price factors.

NYSERDA may permit Proposers to cure deficiencies in Step Two Bid Proposal packages, however packages that are incomplete, non-responsive to cure requests, or that failed to complete Step One may be rejected.

A Proposer may not condition the acceptance of one Step Two Bid Proposal based on the withdrawal or acceptance of other Proposals.<sup>52</sup> A Step Two Bid Proposal may not be contingent on the receipt of any federal tax credits or incentives.

RESRFP21-1 is a competitive procurement. The Agreement is a legally binding document; it is recommended that Proposers consult with an attorney. The CES Framework Order, subsequent Implementation Plans and corresponding Orders, and NYS competitive procurement rules limit NYSERDA's ability to alter the terms of the Agreement issued with this RFP. However, as part of the Step Two Bid Proposal, Proposers may indicate terms of the Agreement that they wish to further discuss by providing an attachment in the form of a memorandum. The memorandum should specifically identify any terms and conditions that the Proposer wishes to clarify or negotiate prior to execution. When constructing the memorandum, please identify the Article in the Agreement and state the nature of the issue to be discussed. Should the Bid Facility receive an award, NYSERDA will contact Proposers to schedule a discussion regarding the terms identified in the memorandum.

The indication by a Proposer that it wishes to negotiate the terms of the Agreement will have no impact on the scoring or evaluation of the Bid Proposal.

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<sup>52</sup> NYSERDA will award at most one Bid Proposal per Bid Facility.



## **8.1 Deadline for Submitting a Step Two Bid Proposal**

The complete Step Two Bid Proposal package must be **received** by NYSERDA no later than **3:00 p.m. ET on Thursday, August 26, 2021, via the solicitation website. NYSERDA strongly recommends that Proposers reserve ample time to address the requirements for each Bid Facility. The Step Two Bid Proposal package must be completed and submitted online, before the deadline.**

All electronic signatures must be provided as indicated. Failure to provide any attachments or information requested may result in the Step Two Bid Proposal package being declared non-responsive and rejected. NYSERDA may request additional information and materials at any time. Step Two Bid Proposal packages become the property of NYSERDA. NYSERDA recommends that Proposers use Google Chrome when accessing the solicitation website to complete a Step One Eligibility Application and Step Two Bid Proposal. Unnecessary attachments or lengthy responses beyond those sufficient to present a complete, comprehensive, and effective response will not influence the evaluation of the proposal.

## **8.2 Energy Storage Submission Requirements**

Should a Proposer wish to submit a Step Two Bid Proposal which includes Energy Storage, the Proposer will need to complete two separate Step Two Bid Proposals, one with and one without Energy Storage.

## **8.3 Step Two Bid Proposal Requirements**

A complete Step Two Bid Proposal package consists of:

- 1) Step Two Bid Proposal Form, to be complete on the solicitation website, with all required fields populated prior to submission;
- 2) Binding Bid Quantity, Bid Price (Fixed REC or Index REC), and Contract Tenor;
- 3) Supporting documentation for the following Project Viability and OpFlex categories:
  - a. Site Control;
  - b. Interconnection;
  - c. Permitting;
  - d. Energy Deliverability;
  - e. Peak Coincidence
  - f. Project Development, Project Financing and Creditworthiness;
  - g. Community Engagement;
  - h. Resource Assessment and Energy Production Estimate;
  - i. Carbon Emissions and Embodied Carbon; and
  - j. Energy Storage (if applicable).
- 4) Public-facing documents to be posted to NYSERDA's website following the receipt of bids, including:
  - a. Attachment B. Public Release of Bid Facility Information;
  - b. Community Engagement Plan
- 5) If applicable, supporting documentation to substantiate claims of Incremental Economic Benefits to New York State.
- 6) Payment and proof of the provision of a Bid Fee, such as a receipt of transfer confirmation.

NYSERDA recommends that Proposers mark materials provided to NYSERDA as Confidential as needed (see Section 11.1). All Proposers will be required to submit their Step Two Bid Proposals via the

solicitation website, and will be required to use the forms shared by NYSERDA following eligibility determinations that will be shared via the Notice of Qualification, such as Attachment D. Bid Data Form.

### **8.3.1 Bid Proposal Form and Project Descriptions**

The information and supporting documentation provided with the Step Two Bid Proposal will be evaluated by NYSERDA to determine whether the Minimum Threshold Requirements have been met and/or exceeded. A completed Step Two Bid Proposal must include, but is not limited to, the information in the following sections, and must be submitted via the solicitation website prior to the Step Two Bid Proposal deadline. All required fields must be populated, and all required documents uploaded prior to submission.

#### **Minimum Threshold Requirement Descriptions**

The Proposer must provide narrative descriptions detailing how the Bid Facility, and if applicable, Energy Storage, meets or exceeds the Minimum Threshold Requirements in each applicable category. (See Section 0.)

#### **Bid Facility, Site, and Generating Equipment Descriptions**

The Proposer must provide a complete description and overview of the Bid Facility, describing the area included in and surrounding the generation site, a description of the local zoning, and other applicable ordinances and municipal laws, existing land use (*e.g.*, woodlands, brownfield, agriculture, other) and setting (*e.g.*, rural, urban, suburban, other) and describe what the site(s) has been used for in the recent past. Include and describe the status and development stage of Bid Facility (development, construction, or operation). Include information about the specific technology or equipment considered or selected, major equipment to be used, manufacturer or vendors considered or selected, equipment acquisition status, and equipment contract/equipment agreement status. Certain non-binding resource-specific details may be requested by Proposers (*e.g.*, planned module and inverter, expected production increase from bifacial/tracking modules, storage round trip efficiency losses, *etc.*).

#### **Bid Facility Interconnection Description and Preliminary Cost Estimate**

The Proposer must identify the proposed interconnection point(s) and provide a complete description and overview of the preferred interconnection route of the Bid Facility from the generation site, including what rights the Proposer has to the interconnection point(s), what type(s) of real property agreement(s) or land agreement(s) the Proposer has entered to gain interconnection site control, and any rights that must be obtained by the Proposer or interconnecting utility for the interconnection. The Proposer will be required to provide a thorough description of any interconnection assumptions (*e.g.*, usage of a 'single line tap' vs. a 'three-breaker station' connection POI configuration).

Proposers must provide a preliminary estimate regarding the expected cost, pursuant to the applicable OATT Interconnection Procedure, to interconnect the Bid Facility. Estimated costs should be separated into the following categories: expected costs to obtain Energy Resource Interconnection Service ("ERIS") rights, expected costs to obtain Capacity Resource Interconnection Service ("CRIS"), and any other associated interconnection costs (*e.g.*, Headroom payments, elective system upgrade facilities, *etc.*) not captured in the previous categories and total aggregate of estimated interconnection costs.

The following table provides average interconnection costs by project types based on a non-exhaustive sample of interconnection costs as published in publicly available NYISO studies.<sup>53</sup>

Project Type	Interconnection Point Type	Sample Size	Average Interconnection Cost per MW (\$ 000)
Small Generator	Line	12	\$143 <sup>54</sup>
	Substation	6	\$132
Large Generator	Line	25	\$140
	Substation	7	\$68

If land needed to access the interconnection point(s) is not controlled, provide a detailed plan and timeline for the acquisition of any additional rights necessary for the right-of-way to the interconnection point(s). Identify and describe the individual land parcels associated with the interconnection and any rights of way needed. If applicable, fully describe the relationship of the site to other adjacent infrastructure, including preferred or alternate point(s) of interconnection (POI). Please indicate whether there are known risks or uncertainty associated with the preferred POI. If the Proposer is planning on using an adjacent parcel or if the right of way is controlled by or assignable to the interconnecting utility that will own the interconnection facilities, clearly explain this in the description. Proposers should specify and describe the current or new interconnection facilities (lines, transformers, switching equipment, system control protection, etc.) that the Proposer owns or is intending to construct or have constructed in order to deliver the proposed energy (including costs), and identify the closest Bulk Power Transmission Facility (BPTF) to the Bid Facility site.

### **Impacts on Disadvantaged Communities Description**

The Proposer must provide a complete description of the benefits and burdens associated with the development of the Bid Facility on any host communities or proximate communities designated as disadvantaged communities.

### **Energy Storage Site and Equipment Description (if applicable)**

The Proposer must provide a complete description and overview of the Energy Storage,<sup>55</sup> describing the area included in and surrounding the Energy Storage site, a description of local zoning, other applicable ordinances and municipal laws, if the Energy Storage component is not co-located with the Bid Facility, describe the existing land use (e.g., woodlands, brownfield, agriculture, other) and setting (e.g., rural, urban, suburban, other) and describe what the Energy Storage site has been used for in the recent past.

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<sup>53</sup> Costs available via <https://www.nyiso.com/regulatory-viewer>. Interconnection costs are for benchmarking purposes only- individual project interconnection costs may vary significantly from these average costs based on project- and point-of-interconnection-specific characteristics. Proposers are strongly encouraged to consult with the NYISO and connecting transmission owner (CTO) prior to estimating a Bid Facility's interconnection costs and submitting a bid to RESRFP21-1.

<sup>54</sup> Highly variable dependent upon the project location and electrical topology of the POI. In addition to consulting with the NYISO and CTO, additional resources including each CTO's electrical service bulletin for the applicable generator type may be of service to Proposers.

<sup>55</sup> The description must include an overview of the Energy Storage component, including the Storage Unit(s), Interconnection Facilities up to the Point of Interconnection, Prevention Equipment, and Protective Apparatus together with all materials, equipment systems, structures, features and improvements necessary to safely store, charge and discharge electric energy.

Include and describe the status and development stage of Energy Storage (development, construction, or operation). Include information about the specific technology or equipment considered or selected, major equipment to be used, manufacturer or vendors considered or selected, equipment acquisition status, and equipment contract/agreement status.

If an award includes Energy Storage, the Proposer must agree to reasonably participate in an Energy Storage Technical Working Group (ES TWG) and its associated activities.

### **Energy Storage Interconnection Description (if applicable)**

The Proposer must provide a complete description and overview of the planned interconnection of the Energy Storage, including how the Proposer plans to gain interconnection site control and any rights that must be obtained by the Proposer or interconnecting utility for the Energy Storage interconnection. Identify and describe the individual land parcels associated with the Energy Storage interconnection and any rights of way needed. If applicable, fully describe the relationship of the site to other adjacent infrastructure, including planned or alternate points of interconnection. If the Proposer is planning on using an adjacent parcel or if the right of way is controlled by or assignable to the interconnecting utility that will own the interconnection facilities, clearly explain this in the narrative. Specify and describe the current or new interconnection facilities (lines, transformers, switching equipment, system control protection, etc.) that the Proposer owns or is intending to construct or have constructed in order to deliver the proposed energy.

### **Impacts of COVID-19 on Proposer and Project Development**

The Proposer must describe how the COVID-19 pandemic has affected and/or continues to affect their business operations, the process of developing new projects, and the content of the Bid Proposal. For the avoidance of doubt, the content of this section of the Proposal is informational only and will not affect the scoring of the Bid Proposal.

### **Bid Facility Project Schedule**

If the Bid Facility, and if applicable, Energy Storage, is under development, the Step Two Bid Proposal package must populate a complete Bid Facility Project Schedule, detailing key development milestones. Proposers must provide all project schedule details on the Project Schedule page of the Step Two Bid Proposal on the solicitation website.

Proposers shall include a narrative that describes each segment of the process, the required permit or approval, the status of the request or application and the basis for project success by the milestone date provided. If the Bid Facility is Operational, a completed Project Schedule is not required.

### **Confidentiality**

The Step Two Bid Proposal allows the Proposer to indicate whether Proposer wishes to have the information in the Bid Proposal package treated as proprietary or confidential trade secret information. NYSERDA is subject to and must comply with the requirements of New York's Freedom of Information Law ("FOIL" see Public Officers' Law Article 6). Information in any tangible form including any document that Proposer wishes to be protected from disclosure to third parties including any information provided as a part of a proposal must be marked "Confidential" or "Proprietary" at the time such information is provided to NYSERDA.

NYSERDA reserves the right to publish the Agreements executed with awardees, including relevant terms within the Agreements. Prior to such publication, NYSERDA will redact any critical electric infrastructure information (CEII) contained in the Agreements, if any, including in the exhibits thereto, and will consider requests to redact confidential business information; provided, however that NYSERDA will not entertain any request to redact price information contained in this Agreement, specifically the Bid Price.

The Step Two Bid Proposal further requires that the Proposer answer a series of questions regarding the Proposer, and the directors, employees and agents of Proposer and any affiliate of Proposer with respect to: (1) current investigation(s) by any governmental agency; (2) convictions or established liability for any act prohibited by State or Federal law in any jurisdiction involving conspiracy, collusion or other impropriety with respect to offering on any contract; or (3) any debarment action (detail any exceptions), within the last 4 years.

The Step Two Bid Proposal also includes the Proposer's attestation regarding the accuracy and truthfulness of the information and documentation provided by the Proposer.

### **8.3.2 Bid Quantity, Price, and Contract Tenor**

The Bid Quantity, Bid Price, and Contract Tenor section includes fields for the Proposer to calculate the annual number of Tier 1 RECs (Bid Quantity) to be offered to NYSERDA and the Contract Tenor, subject to the following restrictions:

- 1) Proposers may submit bids for any Contract Tenor of a minimum of one year and a maximum of the Maximum Contract Tenor.
- 2) For wind, solar, and hydroelectric resource types, the Expected Annual Eligible Production and Bid Quantity shall not exceed the P(50) long-term Energy Production Estimate provided under the Step Two Bid Proposal. The P(50) Energy Production Estimate must align with the 8760 hourly profile provided that is representative of the production at the Bid Facility over the proposed Contract Tenor.
- 3) The Bid Quantity Percentage shall be no less than thirty percent (30%) and no greater than one hundred percent (100%) of the Expected Annual Eligible Production.

Proposers will be responsible for submitting one Bid Price offer, using either the Fixed REC or Index REC structure, with each Bid Proposal.

- 1) For the Fixed REC structure, the Bid Price consists of a fixed REC price for the term of the Contract Tenor.
- 2) For the Index REC structure, the Bid Price consists of a Strike Price that will be entered into the calculation outlined in Section 5.3.

### **8.3.3 Maximum Contract Tenor**

Information provided with the Bid Facility's PSoQ/SoQ and Step One Eligibility Application will be used to determine the Maximum Contract Tenor available to the Bid Facility. The Contract Tenor offered in Step Two for a Bid Facility will be limited by the term of the Maximum Contract Tenor.

For all Bid Facilities not in Commercial Operation as of the RFP Release Date, the Maximum Contract Tenor will be calculated as the lesser of:

- 1) 20 years, or
- 2) the Bid Facility's Useful Life

For all Bid Facilities in Commercial Operation as of the RFP Release Date, the Maximum Contract Tenor applicable to the Bid Facility will be calculated as the lesser of:

- 1) 20 years (240 months) minus the number of years (months) between the year (month) of Commercial Operation and the RFP Release Date (rounded to the nearest full year), or
- 2) The Bid Facility's Useful Life minus the number of years (months) between the year (month) of Commercial Operation and the RFP Release Date (rounded to the nearest full year).

For a Return to Service Facility, the date of Commercial Operation for purposes of calculating the Maximum Contract Tenor shall be the original date of Commercial Operation prior to the outage. For a Relocated Facility, the date of Commercial Operation for purposes of calculating the Maximum Contract Tenor shall be the first date of Commercial Operation in the original control area.

The following table lists the Useful Life by resource for use in the calculations of Maximum Contract Tenor for this RFP. The Useful Life for Energy Storage is not included in any Maximum Contract calculation but is included for reference; the Step Two Bid Proposal should be consistent with the Resource's Useful Life both with and without Energy Storage, as applicable.

**Table 1. Default Values for Useful Life used to determine Maximum Contract Tenor**

Resource	Useful Life (years)
Fuel Cell (non-fossil fuel)	20
Hydroelectric (New or Upgrade)	50
Geothermal Electric	20
Geothermal Ground Source Heat	20
Solar PV	20
Tidal/Ocean	10
Wind	20
Energy Storage	20

### **8.3.4 Project Viability, Operational Flexibility and Peak Coincidence Minimum Threshold Requirements**

The supporting documentation for each Minimum Threshold Requirement should be uploaded as attachments as described in detail below. Attachments should be clearly marked with the Bid Facility Name and NYGATSID.

The list below identifies the supporting documentation required to verify that the Bid Facility meets the Minimum Threshold Requirements for each category. **If a Bid Facility exceeds the Minimum Threshold**

**Requirement in any category, documentation should be provided.**<sup>56</sup> Bid Facilities that have exceeded the Minimum Threshold Requirements will be awarded more points by the TEP.

### **Site Control**

The Proposer must demonstrate that the proposed Bid Facility meets the Minimum Threshold Requirements for the Generation Facility and Interconnection Right of Way Site Control by providing the following documents:

- Detailed map of site plan/layout indicating the project and parcel boundaries, to scale, with parcel designation by owner. At a minimum, the map should include the preliminary layout of the Bid Facility within the parcel boundaries, including the major generating equipment and limits of disturbance. The map should indicate the (anticipated) interconnection route and the (anticipated) interconnection point(s). If applicable, indicate the relationship of the site to other adjacent infrastructure, including planned or alternate points of interconnection and proximate generators or other existing infrastructure.
- Fully populated Description of Control Status by Parcel with parcel designation within Attachment D. Bid Data Form, aligned with the submitted site map. Proposers are encouraged to carefully read all instructions contained within Attachment D.

If applicable and/or available, the Proposer should provide the following documents:

- If proposing with Energy Storage co-located with the generator, clearly identify the location of Energy Storage on the site plan. If proposing with Energy Storage not located with the generator, provide a separate map and site plan of the Energy Storage site and (anticipated) interconnection route in the same attachment as the Bid Facility map and site plan.
- If available, a more detailed concept site plan including the locations of the generation unit, all major equipment and facilities, access roads, site work and other project components, along with existing physical features of the site (*e.g.*, wetlands, streams, topographical features, buildings, *etc.*).
- If available, GIS data containing the parcel boundaries that the project will occupy (SHP file preferred, KML/KMZ files permitted).

### **Interconnection**

The Proposer must demonstrate that the Bid Facility meets the Minimum Threshold Requirements for interconnection progress by providing a summary and other evidentiary documentation from the Interconnecting entity confirming the extent of interconnection activities and confirming payment of any necessary fees. Evidentiary documentation can include:

- For large generators proceeding through the FERC-jurisdictional NYISO interconnection process or an equivalent process, evidence that the required deposit/fees have been paid to commence a System Impact Study (SIS) or System Impact Reliability Study (SRIS), or equivalent; or

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<sup>56</sup> For example, for the Interconnection requirements for a 20 MW Bid Facility subject to NYISO jurisdiction, the documentation required to demonstrate achievement of the Minimum Threshold Requirement consists of a System Reliability Impact Study/System Impact Study or equivalent in progress. If for example a Facilities Study has been executed, attach a copy and provide confirmation of associated fees paid. The study will satisfy the Minimum Threshold Requirement and will also be considered as a part of the evaluation conducted by the TEP.

- Evidence that a study beyond the SIS/SRIS phase of the NYISO interconnection process is underway and/or complete (*e.g.*, Facilities Study, Interconnection Agreement, or equivalent studies) as described in Section 4.1.
- For small generators proceeding through a Transmission Owner interconnection process, evidence that a Coordinated Electric System Interconnection Review (CESIR), or equivalent, has been commenced as described in Section 4.1.

If applicable and/or available, the Proposer should provide the following documents:

- Copies of associated agreements or other evidence (required fees have been paid) supporting the claimed level of progress as listed above.
- If available, a deliverability study or other analyses performed by the Proposer to demonstrate or evidence that the output of the Bid Facility is energy deliverable. See Section **Error! Reference source not found.**
- If available, a one-line diagram.

### **Energy Deliverability and Peak Coincidence**

**Proposers with Bid Facilities physically located within the NYCA must submit a P(50) 8760 schedule** consistent with the contract tenor proposed in the form requested by NYSERDA for evaluation purposes. Proposers should indicate whether the P(50) delivery schedule is normalized based on historical output from a given weather year.

Proposers are strongly encouraged to familiarize themselves with all ongoing work to identify areas of current and future congestion on the electric grid, including the DPS and NYSERDA [State Power Grid Study](#), inclusive of Distribution and Local Capital Plans and a Bulk Transmission Investment Plan, the NYISO [2019 CARIS 70x30 Constraint Modeling](#) study and outputs, the System & Resource Outlook study, if available, and other similar studies conducted by the state, NYISO, and/or the transmission owners. Proposers are encouraged to discuss this topic in meetings with the NYISO and/or the Connecting Transmission Operator during their interconnection process to understand the current and expected future state of the grid and the relevant impacts on the Bid Facility's local and regional transmission infrastructure.

### **Permitting**

The Proposer must demonstrate that the Bid Facility meets the Minimum Threshold Requirements for permitting progress by providing a complete Permitting Plan as described below and in Appendix 2, and by and submitting other information for the Bid Facility that includes the following components:

#### **1) For all Bid Facilities:**

- a. A complete Permitting Plan and list of required permits, to be entered in Attachment D, including all permits at the local, state and federal level required to construct and operate the Bid Facility, and if applicable, Energy Storage. Proposers must identify all governing municipalities with jurisdiction or approval authority associated with the Bid Facility, and if applicable, Energy Storage, as proposed to NYSERDA. The complete response will include any special use/conditional use permits, air permits, FERC licenses, planning board approvals, U.S. Army Corps of Engineers (USACE) letters, SPDES permits and other applicable requirements. Proposers must identify a contact for each



jurisdiction (for example, hamlet, village, town, city, county, agency, authority, State, or other) associated with the permits.

- i. Regardless of expected permitting process, Proposers should specify the local official(s) associated with the Authority Having Jurisdiction (AHJ) for the towns, counties and/or school districts in which the Bid Facility is sited, such as the town supervisor or planning/zoning board lead/chair.
  - ii. If the Proposal includes Energy Storage, the Proposer will list all associated permits as provided for the Bid Facility. The permits associated with the Bid Facility and the Energy Storage should be delineated (*e.g.*, Building Permit, Electrical Permit, Fire Permit, *etc.*).
  - iii. If the Bid Facility overlaps with mineral soil groups (MSG classifications 1-4), the Proposer may be responsible for making an agricultural mitigation payment to a designated fund. Proposers must also detail how they plan to comply with the Guidelines for Solar Energy Projects - Construction Mitigation for Agricultural Lands document (Guidelines, Exhibit E to the Agreement). All solar Bid Facilities seeking permits through the Office of Renewable Energy Siting (ORES) will be required to comply with all ORES requirements, which may include adherence with an amended set of the Guidelines should the final ORES regulations include such an amendment.
- b. A description of any local ordinances (including zoning prohibitions or moratoria) that would limit the Bid Facility's size, location, or schedule, and describe the plan to address these issues. If the Bid Facility or the Energy Storage are not currently zoned or permitted, identify present and required zoning and/or land use designations and provide a plan and timeline to secure the necessary approvals.
  - c. A summary of the (i) cultural, historic, archeological and natural heritage impacts, as may be required; and (ii) water bodies (*e.g.*, streams, wetlands), fish and wildlife, and other applicable environmental and/or agricultural impacts identified in Appendix 2 - Permitting Plan Impacts and Guidelines. This requirement will be primarily fulfilled by providing the required studies for projects sited in New York State, although Proposers are required to summarize all due diligence conducted to date in the Permitting Plan. Proposers should include any initial review measures that have identified strengths or weaknesses of the Bid Facility site related to long-term climate change resiliency.
  - d. If applicable, include any initial review of any physical and economic impacts that the Bid Facility's development may have on disadvantaged communities.

- 2) **For Bid Facilities within the NYCA that are less than 20 MW**, the Proposer must substantiate that 1) a FEAF has been completed and is prepared to or has been submitted to the applicable lead agency and the applicable NYS DEC Division of Environmental Permits office, or that 2) a finding of no jurisdiction has been provided by NYS DEC following the submission and review of the FEAF for the Bid Facility. The Proposer must submit a Permitting Plan that describes its plans for advancing the Bid Facility through the SEQR process or, if eligible, another applicable

permitting process. For example, a Bid Facility in the SEQR process would provide timing for SEQR (Steps 2-12 as outlined by the NYS DEC on <https://www.dec.ny.gov/permits/6189.html>). The Proposer must describe the current status and planned activities for advancing the Bid Facility through the rest of the SEQR process, including target dates for major milestones and a description of the Proposer's approach regarding conditions, negative declarations, special-use permits, land-scaping permits, or other expectations.

- 3) **For Bid Facilities within the NYCA greater than 20 MW**, the Proposer must submit a Permitting Plan that describes its plans for advancing the Bid Facility through the expected applicable process.

If the Bid Facility has begun its application under Article 10 and plans to continue under that process, the Proposer must include a description of the Proposer's proposed Public Involvement Program Plan (PIP), a description of any approach regarding stipulations or other expectations, and target dates for each major step of the Article 10 process (PIP, Public Scoping Statement [PSS], and Application), the current status and planned activities for advancing the Bid Facility through the remaining milestones of the Article 10 process, including target dates for major milestones and a description of the Proposer's approach regarding stipulations or other expectations.

If the Bid Facility is proceeding through the ORES permitting process<sup>57</sup>, the Proposer must substantiate that the following studies have been completed for the proposed Bid Facility site and provide the findings of each with the Step Two Bid Proposal:

- 1) Wildlife Site Characterization Report;
- 2) Draft Desktop Wetlands and Water Resources Delineation; and
- 3) Phase IA Archeological Desktop Survey;

The Proposer must describe planned process and timeline for proceeding through the ORES process to obtain a permit to construct the Bid Facility as proposed, including the timing of any public engagement and/or planned studies. Focus on items a-d as part of the Permitting Plan as required above.

- 4) **For Bid Facilities not located in the NYCA**, Proposers must substantiate that an equivalent level of pre-development due diligence has been conducted for the Bid Facility site.
- 5) For Bid Facilities including Energy Storage, either:
  - a. include any NYS Department of Environmental Conservation (DEC) EAF submissions specific to the Energy Storage facility. If applicable, provide evidence that the Lead Agency for the SEQRA process has been designated, or;

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<sup>57</sup> [ORES](#) regulations became effective on March 3, 2021 and are available here: [Chapter XVIII, Title 19 of NYCRR Part 900 \(Subparts 900-1 – 900-15\)](#)

- b. complete and submit a draft New York SEQRA Short Environmental Assessment Form specific to Energy Storage.

The Permitting Plan should also include documentation and descriptions sufficient to demonstrate progress on each of the applicable items delineated above.

Required evidentiary documentation should include:

- A complete Permitting Plan and list of required permits as described above. If available, the Permitting Plan should include as many aspects of [Appendix 2 – Permitting Plan Requirements and Guidelines](#).

If applicable and/or available, the Proposer should provide the following documents:

- Documentation filed with or received from the local governmental authority confirming that a request for a zoning change or variance has been initiated and/or the local approval process is underway.
- For Bid Facilities i) outside of the NYCA, or ii) Bid Facilities including Energy Storage, a completed New York SEQRA Short Environmental Assessment Form (SEAF).
- If applicable, evidence that the Lead Agency for the SEQRA process has been designated or is in the process of designation.
- If available, applications for construction permit(s) that have been submitted to local authority(ies) with approval jurisdiction.
- If available, any applicable field studies (*e.g.*, Environmental Site Assessment<sup>58</sup> Phase 1, Archaeological Phase 1, Geotechnical) and surveys (*e.g.*, ALTA, topography, water bodies/wetlands, or other), and/or the status of unstarted/not yet commenced or ongoing field studies and surveys.
- For hydroelectric facilities only, include the Bid Facility's FERC license expiry date or provide evidence that FERC licensing process has been initiated and notice of intent has been filed.<sup>59</sup>

### **Project Development, Financing and Creditworthiness<sup>60</sup>**

The Proposer must demonstrate it meets the Minimum Threshold Requirements for Project Development, Financing and Creditworthiness by providing the following documentation:

- An organizational chart for the Bid Facility that lists the participants and identifies the corporate structure, including general and limited partners and financial arrangements to the Proposer's parent company or affiliate.

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<sup>58</sup> ASTM International, formerly known as American Society for Testing and Materials, published a standard for conducting Phase I Environmental Site Assessments. See ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM International, West Conshohocken, PA, 2013, <http://www.astm.org/cgi-bin/resolver.cgi?E1527-13>.

<sup>59</sup> If applicable, identify program eligibility under FERC minor environmental effects, *e.g.*, projects that involve little change to water flow and use and are unlikely to affect threatened and endangered species. If applicable, please identify the New York State Department of Environmental Conservation classification for the dam associated with the Bid Facility, available online at the New York State Dams Inventory Database. See <https://www.dec.ny.gov/lands/4991.html> for a full dataset of NYS Dams, the NYS DEC Dams Inventory.

<sup>60</sup> Unless the proposed Bid Facility is currently in operation (*i.e.*, proposed Bid Facility is applying with an SoQ).

- A management chart that lists the key personnel dedicated to the Bid Facility.
- A list of specific projects successfully developed and/or financed, specifying the nameplate capacity, technology,<sup>61</sup> commercial operation date, and location using Attachment D. Bid Data Form.
- A Financing Plan that demonstrates the financial capability to complete construction by the proposed commercial operation date. The Financing Plan should contain if available and applicable:
  - A description of the business entity, organizational structure, and legal form, with an organization chart showing the relationship among the different equity partners, and parents;
  - A detailed description of the anticipated financing arrangements, including equity, pre-construction and development expenditures, Contract Security, construction debt, mezzanine / subordinated debt, and permanent debt;
  - A list of all committed and potential equity partners;
  - The Bid Facility development and operating responsibilities of each equity partner, and their respective funding obligations, *e.g.*, joint and several funding responsibilities, if applicable.
  - Evidence that the Proposer or its equity participant(s) possess an investment grade Credit Rating. If an equity participant does not have such Credit Rating, *e.g.*, a subsidiary, it shall provide (i) written evidence of a corporate commitment, for example, a “comfort” letter or “keepwell” agreement, to support the development and financing from its parent company and (ii) evidence of an investment grade Credit Rating from that parent company;
  - In addition to the Credit Ratings, any credit alerts or rating upgrade or downgrade for the equity partners, or their parent companies in the past three years;
  - If available, written expressions of interest from potential debt lenders sufficient to fund the full anticipated amount of project development, construction and permanent debt capitalization;
  - The anticipated construction and long-term capital structure for the Bid Facility ownership entity, including the Bid Facility’s projected balance sheet at year-end for every construction year and at COD;
  - Description of the evolution of division between shareholder equity and debt from the development period through the construction period;
  - Details of the expected construction loan and permanent loan, including terms of repayment—(amount, tenor, interest rate, *etc.*), the amount each lending institution is prepared to commit (subject to credit committee approval), their debt service requirements (interest, rate swaps, letters of credit, guarantees, *etc.*), with all fees indicated clearly;
  - Describe all available federal, state, and local available tax credits, financial incentives, and subsidies (*e.g.*, NY Green Bank financing), and how these will be utilized in the Financing Plan. Explain why any available tax credit, financial incentive, or subsidy will not be utilized;
  - Details of any events of default or other credit/financial issues associated with all projects (other than those under contract with NYSERDA) in which the Proposer (and

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<sup>61</sup> Resource and prime mover, *e.g.*, solar or wind. Not meant to distinguish between different solar technologies, for example.

- other equity partners), its parent company, its affiliates, and directors, officers, and senior managers of those entities, participated over the past three years;
- Disclosure of any criminal and civil lawsuits, litigation, and settlements associated with the Proposer's prior project development and commercial efforts over the last three years; and
  - Information concerning the Proposer's (and other equity partners) financial condition and evidence of creditworthiness.
  - If available, for the most recent accounting period and prepared in accordance with GAAP or IFRS: 1) A copy of its annual report containing audited consolidated financial statements (income statement, balance sheet, statement of cash flows and statement of retained earnings and all accompanying notes) for such fiscal year, setting forth in each case in comparative form the figures for the previous year, and 2a) for SEC reporting companies, access to financial statements certified in accordance with all Applicable Laws, including applicable SEC rules and regulations, or 2b) for non-SEC reporting companies, certification from the chief financial officer, controller, treasurer or any assistant treasurer of a Proposer/Seller or any employee of a Proposer/Seller designated by any of the foregoing, as being fairly stated in all material respects (subject to normal year-end audit adjustments). If a Party's financial statements are publicly available electronically on the website of that Party or the SEC, then the Party shall be deemed to have met the requirements of this section.

If applicable and available, the Proposer should provide the following documents via PDF or summary documents with links to publicly available PDFs (**Links to all publicly available SEC filings are preferred as opposed to the submission of full SEC filings**):

- Audited financial statements for the three most recent fiscal years;
- Audited financial statements from Proposer's parent, if Proposer does not have such financial statements and the parent is providing a corporate funding commitment; or
- Unaudited financial statements for its three most recent fiscal years if being provided for a private corporation, with an attestation from the CEO or CFO that such information is materially accurate and complete; or
- An explanation if the information above cannot be provided, and provision of alternate information to demonstrate Proposer's financial capacity to develop and bring the proposed Bid Facility to commercial operation.

### **Community Engagement**

The Proposer must provide documentation that it has been in contact with the host AHJ(s) regarding the proposed Bid Facility and has informed the AHJ(s) local elected officials (restricted to primary executive *e.g.*, Town Supervisor, City Mayor, Planning Board Chair, Zoning Board Chair, Code Enforcement Officer, Town Clerk) about the Bid Facility's participation in RESRFP21-1. Documentation can include, but is not limited to,

- Correspondence between the Proposer and host AHJ(s);
- Publicly records of Town/Planning/Zoning Board meeting minutes and/or presentations;
- Communications with local elected and/or administrative officials; and/or
- Letters of Support provided by representatives of the host AHJ(s).

Documentation provided by the Proposer must be definitively demonstrate that the Proposer is communicating with the host AHJ(s) regarding the proposed Bid Facility. Proposers are encouraged to submit as much documentation as available to fulfill this eligibility requirement and are encouraged to work with all applicable stakeholders at the local level.

In [Public Service Commission Case 20-E-0249](#), In the Matter of a Renewable Energy Facility Host Community Benefit Program, the [PSC Ordered](#) that residential electric utility customers residing in a renewable Host Community receive an annual bill credit for each of the first ten years that a Major Renewable Energy Facility operates in that community. Funding for the bill credits will be provided by the owners of major solar and wind renewable energy facilities by paying an annual fee of \$500 per megawatt (MW) and \$1,000 per MW, respectively, of nameplate capacity. The fees paid by a Major Renewable Energy Facility would be distributed equally among the residential utility customers within the Host Community of the facility.

Therefore, NYSERDA directs Proposers submitting Bid Facilities 25 MW and larger sited within New York State to RESRFP21-1 to include at least a \$500 per megawatt (MWac) Host Community Benefit Program Fee (“Program Fee”) for solar projects and \$1,000 per megawatt Program Fee for wind projects, for each of the first ten years once the Bid Facility reaches Commercial Operation<sup>62</sup>.

### **Community Engagement Plan**

The public and local governments play an important role in the process of evaluating and advancing power plant siting in New York State, and in shaping developments that may be permitted in their communities. Proposers are responsible for planning and implementing a Community Engagement Plan that supports an open and inclusive public process and encourages feedback throughout the development and construction of proposed Bid Facility. An effective Community Engagement Plan reflects an understanding of local interests and concerns, provides high-quality and well-timed public education opportunities, demonstrates a commitment to partnering with the elected officials in proposed host communities, respectfully responds to opposition, and elicits input from the public and affected agencies.

Prior to and following the submission of Step Two Bid Proposals, NYSERDA’s Clean Energy Siting team will schedule and meet with local officials in the proposed host communities, in person and/or via teleconference. These meetings will be conducted without Proposer participation, but NYSERDA will notify the Proposer regarding the schedule for such meetings and provide a brief synopsis of such meetings after they conclude. NYSERDA intends to share the submitted Community Engagement Plans and Attachment B. Public Release of Information Form with local officials interested in the learning more about the project’s development.

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<sup>62</sup> PSC February 11, 2021 Order Adopting a Host Community Benefit Program, <http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={DFD69D2F-A16F-404F-9A7C-283F0C79D1DB}>

All Proposers will also be required to complete and submit Attachment B. Public Release of Bid Facility Information to be published alongside the Bid Facility's Community Engagement Plan. A blank version of Attachment B is available for download from the [RES Solicitations webpage](#) and the solicitation website.

All Proposers must provide a complete Community Engagement Plan including planned engagement activities associated with the Bid Facility, and if applicable, Energy Storage, as described below.

- 1) Identify the Authority Having Jurisdiction (AHJ) and taxing School District, including local elected officials' names, contact information and tenure.
- 2) Detail outreach strategies and activities the Proposer has implemented to date and will use to engage stakeholders and interested parties, including affected agencies, and to encourage public involvement throughout the pre-award, development, construction, and operation phases (consistent with the Project Milestone Schedule), including methods of communication and specific channels the Proposer intends to use to disseminate Bid Facility information.
- 3) Applicability of the CLCPA goals regarding benefits to disadvantaged communities that would be realized with the development and construction of the Bid Facility.
- 4) Planned frequency of public events and the anticipated duration, in years, of the public engagement events of community outreach, and strategies to ensure that public engagement events are widely attended by a representative cross section of host community residents.
- 5) Details of the direct benefits to the community the Proposer will advance, which may include a local ownership stake in the facility, reduced energy bills for those with homes or businesses in the Bid Facility's vicinity, and/or other direct benefits.
- 6) Details on past/planned engagement regarding payments in lieu of taxes (PILOT) agreements or host community agreements (HCAs).
- 7) Describe local interests and concerns, including identifying plans to thoughtfully build support for and respectfully responding to any opposition to the Bid Facility.
- 8) Identify strategies the Proposer will use to mitigate concerns raised by the public regarding the Bid Facility, and if applicable, Energy Storage. This may include visibility and viewshed Impact mitigation efforts, accommodations to co-locate agricultural activities, or other issues of importance to the host communities.
- 9) Method for soliciting feedback and input from the public and affected agencies and the process for sharing feedback and responses publicly.

The Community Engagement Plan will be published on NYSERDA's website following receipt of the Step Two Bid Proposal.

### **Resource Assessment and Energy Production Estimate**

The Proposer must provide a Resource Assessment and Energy Production Estimate that responds to all required information identified in Appendix 1. The Proposer must also provide a narrative description of any assumed level of curtailment built into the resource assessment and any projected impacts on the Bid Facility's energy and/or capacity deliverability.

Detailed instructions regarding the supporting documentation required to meet the Minimum Threshold Requirements for a Resource Assessment and Energy Production Estimates, by technology, are provided in Appendix 1.

## **Carbon Emissions and Embodied Carbon**

The Proposer should describe the efforts that have or can be undertaken to understand the “embodied carbon” impact of renewable development and minimize the Bid Facility’s embodied carbon intensity. To the extent discernable at the current stage of development, Proposers should describe and explain the anticipated carbon intensity in Bid Facility design, sourcing, construction, operation and maintenance.

Proposers should also describe and explain any available process by which the Proposer will be able to account for embodied carbon on an ongoing basis through development, construction and operation of the Bid Facility. This could include the sourcing and manufacturing of primary components such as modules, inverters, turbines, towers, other prime movers, cables, substations, energy storage facilities, and other electric equipment, but should also consider associated activities such as construction, Operation & Maintenance (O&M), and decommissioning. This could also include opportunities to support carbon mitigation efforts in collaboration with New York State manufacturing sources.

## **Energy Storage**

**For Bid Facilities physically located within the NYCA that are proposing with Energy Storage**, the evaluation for this category is based on the characteristics of both the Bid Facility and Energy Storage. For the intended deployment, provide an 8760 delivered energy profile with storage in use, and an 8760 profile for the system without storage. Bid Facilities co-located with Energy Storage shall include the role of the Energy Storage in reshaping the production profile in the P(50) 8760. Proposers should indicate if the P(50) delivery schedule is normalized based on historical output from a given weather year. Provide all assumptions used in preparing the energy profile and explain how the 8760 energy profile relates to the intended deployment strategy. Explain how dispatch may be managed and coordinated with NYISO, if applicable. Explain how the delivered RECs will be eligible under NYGATS rules

For each Bid Proposal that includes Energy Storage, the Proposer must provide the following:

- System operating parameters
  - Manufacturer and model for major components (battery and inverter units, etc.)
  - Maximum continuous power (MW or kW, AC)
  - Total energy (MWh or kWh, AC)
  - Duration (hour)
  - Round trip efficiency (%)
- Available specification sheets from manufacturer
- Expected system degradation over the contract term.
- For paired and co-located Energy Storage, provide diagram showing arrangement of generation unit(s), storage, inverter, meter(s), and interconnection.

Proposer must fully describe the intended deployment and dispatch of the storage system over the contract term. Example deployments may include:

- Dispatched to provide renewable integration and firm up a variable renewable energy resource;
- Dispatched dynamically to reduce system peak demand or energy cost to load;
- Available to provide ancillary services, *e.g.*, reserves, voltage control, frequency regulation;
- Available to provide distribution system support.



- Proposers submitting Bid Proposals paired with co-located or separately located energy storage facilities are strongly encouraged to provide an assessment of the proposed facility's impacts on regional transmission constraints and any benefits to local congestion and/or curtailment that is observed today or estimated due to the operation of future proposed generators.

### **8.3.5 Incremental Economic Benefits to New York State and Disadvantaged Communities**

Incremental Economic Benefits expected to accrue to New York because of the development, construction/modification, and operation of the Bid Facility will be evaluated as another non-price evaluation component. Incremental Economic Benefits are those that a Proposer can demonstrate: (1) will accrue because of an award under this RFP, and (2) would not have accrued but for the award of a contract under this RFP.

Incremental Economic Benefits can be claimed as of the RFP Release Date.

Only those Incremental Economic Benefits falling within the categories defined below, as entered in Attachment D. Bid Data Form will be considered. In no instance will NYSERDA or its TEP consider any indirect benefits or those created by any "multiplier effect" or other attribution method under which the creation of peripheral spending and jobs might be credited to direct capital infused into the economy.

Note that all laborers, workmen and mechanics, within the meaning of NYS Labor Law Article 8, performing construction activities with respect to the Bid Facility and, if awarded, Energy Storage, must be paid at least the applicable Prevailing Wage applicable in the area where the Bid Facility will be situated, erected and used, as published by the [NYS Department of Labor](#) (DOL) or at least the equivalent Prevailing Wage requirements of the jurisdiction where the Bid Facility is located.

Because New York State has not yet formally defined disadvantaged Communities, this RFP will rely on already-established criteria for communities that meet the spirit of the disadvantaged Communities objectives of the CLCPA. Bid Proposals will be awarded more points by the TEP if the Proposer can demonstrate benefits of the project's development are afforded to communities that currently meet the interim definition of disadvantaged communities.

Incremental Economic Benefits previously claimed with respect to a Bid Facility that is subject to a pending award under a previous solicitation or that is the subject of a current NYSERDA contract are not eligible for evaluation.

Proposers must provide complete information along with the supporting documentation or requested data in the following three categories. The types of components of the three categories are further described below:

- 1) Long-Term Economic Benefits to New York State (evaluated based on total eligible dollars normalized by Bid Capacity);
- 2) Short-Term Economic Benefits to New York State (evaluated based on total eligible dollars normalized by Bid Capacity); and

- 3) Investments/Commitments to Local Economic and Workforce Development (evaluated based on firmness, credibility, and maturity of the commitments).

### **Disadvantaged Communities**

Proposers and their contractors/sub-contractors/other partners are strongly encouraged to pursue sourcing of laborers, workmen, mechanics, and operations and maintenance workers from disadvantaged communities throughout New York State as defined by Climate Action Council in accordance with the CLCPA.<sup>63</sup>

Proposers are also encouraged to consult the following resources maintained by NYSERDA, the New York State Department of Labor (DOL), and other entities in New York State that are actively supporting the development and sourcing of trained workforce participants (including laborers, workmen, mechanics, electricians, and operations and maintenance workers) from disadvantaged communities.

- NYSERDA [On-the-Job Training \(OJT\) program](#) for clean technology businesses seeking to recruit new hires.
  - Browse [examples of previously supported training projects](#), including multiple partnerships that have trained workers from disadvantaged communities to prepare the clean energy workforce.
  - For questions, contact [PONOJT@nyserda.ny.gov](mailto:PONOJT@nyserda.ny.gov)
- [NYSERDA Clean Energy Training Services](#) is available to contractors seeking to provide targeted training and workforce development resources.
  - For questions, contact [winfo@nyserda.ny.gov](mailto:winfo@nyserda.ny.gov)
- [NYSERDA Internship & Pre-Apprenticeship Program](#)
- [DOL Apprenticeship Program](#)
  - For questions, contact the appropriate [local apprenticeship representative](#) or contact [ATCO@labor.ny.gov](mailto:ATCO@labor.ny.gov)
- [DOL Career Center Events & Recruitment program](#) also supports regularly scheduled job fairs where employers can actively source workforce participants from disadvantaged communities.

Independent audit and verification of the actual Incremental Economic Benefits of the Bid Facility and comparison to the level of claimed Incremental Economic Benefits will be required after the first three years of the Contract Delivery Term where the Proposer will submit an economic benefits report prepared by a New York State certified, independent certified public accountant, demonstrating the actual Incremental Economic Benefits that resulted from the construction and operation of the Bid Facility under the categories and within the eligibility requirements listed in the RFP. The Economic Benefits Report will be funded at the Bidder's expense. Should the Bidder fail to reasonably demonstrate that the total dollar amount of Incremental Economic Benefits divided by Installed Bid Capacity, is at least 85% of Expected Total Dollars divided by the Bid Capacity in each category, NYSERDA may at its option upon Notice to Seller, modify the Agreement by reducing the Bid Price payable for the remainder of the Contract Delivery Term.

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<sup>63</sup> See the [NYSERDA Disadvantaged Communities](#) and Climate Action Council [Climate Justice Working Group](#) webpages for additional resources.

### **Long-Term Economic Benefits to New York State**

The Proposer should describe the degree to which the development, construction, and operation of the Bid Facility will directly create (add) long-term jobs and/or accrue long-term payments to the New York State economy, its municipalities and/or residents. Payments that will provide long-term royalties, production-based payments, land lease or land use payments or other forms of compensation are also eligible in this category. Payments for non-renewable fuels (*e.g.*, natural gas) are not eligible for consideration in this category or in any Economic Benefits category. Eligible claims can include:

- 1) Employment of workers in New York in the form of long-term jobs (jobs lasting longer than three years). These can include, but are not limited to, jobs associated with operations and maintenance, plant management, long-term project development, or similar;
  - Employment of workers from disadvantaged communities will be given materially greater weighting in evaluation of long-term benefits. All Proposers siting projects in or near disadvantaged communities are strongly encouraged to explore what employment resources are available to establish targeted hiring practices to support residents of disadvantaged communities.
- 2) Establishment of a project office in New York State, including pre-development activities, leases/purchases, and related employment not claimed as jobs associated with operations and maintenance, plant management, long-term project development, or similar;
- 3) New or increased local property tax payments to school districts, cities, towns, or other taxing jurisdictions;
- 4) Payments in Lieu of Taxes (PILOT) agreements or other alternative taxing mechanisms and forms of compensation;
  - New or increased tax payments and/or PILOT agreements that will clearly benefit disadvantaged communities will be given materially greater weighting in evaluation of long-term benefits.
- 5) Host community payments, Community Benefits agreements (separate from PILOT or Host Community Benefit utility bill credit payments), mitigation/conservation payments, or other funds that will directly benefit the host community for more than three years, such as Proposer-funded projects that will not be linked to the Bid Facility (*e.g.*, new building or infrastructure improvements to the host town(s), other capital projects indicated as desirable by the host town, funds established in the host town to benefit local residents, *etc.*);
  - Programs established in host towns or proximate communities to specifically direct benefits to disadvantaged communities will be given materially greater weighting in evaluation of long-term benefits.
- 6) Land purchase payments and payments for leases of land in New York associated with securing rights to a Bid Facility site. Land purchase payments will be pro-rated for evaluation purposes to reflect the eligible time period for Economic Benefits claims.

Proposers are encouraged to work with the AHJs hosting the Bid Facility to determine if there are long-term economic benefits that could be uniquely afforded to the town/city/county/school district.

### **Short-Term Economic Benefits to New York State**

The Proposer should describe the degree to which both local and statewide economic activity will increase as a result of in-state purchases and short-term jobs. These can include:

- 1) Employment of workers in New York in the form of short-term jobs (jobs lasting less than three years). These can include construction, rail and port workers, contractors and laborers, engineering or environmental service providers, consultants, financial service advisors, and legal service providers in New York associated with the development and construction/modification of the Bid Facility;
- 2) Employment of workers in New York for ongoing operations and maintenance expenses which are anticipated through the first three (3) years of Commercial Operation;
- 3) Employment of workers in New York in the form of short-term jobs (jobs lasting less than three years) that will support the establishment of a project office in New York state and that are not already claimed as long-term economic benefits;
- 4) Purchases and/or consumption of local goods and services, such as, but not limited to, food, lodging, vehicles, equipment, and/or fuel;
- 5) Purchases of materials sourced from within New York such as, but not limited to, gravel, steel, concrete and similar materials, purchases and use of equipment and products manufactured or assembled within New York, and/or the use of rental equipment or similar supplies sourced from within New York. Bid Facility components (*e.g.*, wind turbines, solar panels) not manufactured within New York are not eligible for consideration in this category or in any Economic Benefits category; and

Commitments to the employment of short-term workers from disadvantaged communities will be given materially greater weighting in evaluation of long-term benefits. See Section 6.10 of the RES Standard Form Agreement.

Proposers are encouraged to work with the AHJs hosting the Bid Facility to determine if there are short-term economic benefit opportunities that could be uniquely afforded to the town/city/county/school district.

### **Investments/Commitments to Local Economic and Workforce Development**

The Proposer should describe other commitments that can be included as part of a Step Two Bid Proposal related to economic and workforce development activities. Eligible Incremental Benefits claims in this category may be similar to those eligible claims in Long-Term economic benefits, and can include, but are not limited to:

- 1) Commitments to entering into a project labor agreement, labor peace agreement, or other good-faith labor agreement as part of the construction and operation of the Bid Facility;
- 2) Hosting of local internships and programs for students in renewable energy education in partnerships with local school systems and local NGOs/foundations.
- 3) Hosting of cleaning energy sector occupation apprenticeships or training programs in partnership with community colleges, vocational schools, and/or NGOs/foundations;
  - Commitments to fund or utilize existing workforce development programs that target disadvantaged communities such as workforce-to-job training, apprenticeships, pre-apprenticeships, and direct recruitment for short-term construction/operations & maintenance jobs will be given materially greater weighting in evaluation of long-term benefits.
- 4) Hosting of environmental justice programs.
  - Programs established that demonstrably benefit disadvantaged s will be given materially greater weighting in evaluation of economic benefits.

- 5) Partnering and/or hosting other on-site or proximate businesses or industries that are planned to be co-developed with the Bid Facility.
- 6) Commitments to establish an energy cost-saving Community Choice Aggregation (CCA) or bilateral power purchase agreements (PPA) with the host communities and/or regional entities.
  - Commitments to establish a CCA and/or PPA with a host community or municipality located in the region must be substantiated with a letter of coordination and support from 1) a CCA administrator describing how the project will be integrated into the CCA supply mix and, if available, 2) the host community or municipality located in the region that has expressed interest in pursuing a CCA and/or PPA structure with the Proposer.
  - CCAs or PPAs established in geographies that will demonstrably create cost-savings for disadvantaged communities will be given materially greater weighting in the evaluation of long-term benefits.
  - Specific questions regarding the establishment of a CCA can be directed to [cec@nyseda.ny.gov](mailto:cec@nyseda.ny.gov).

For Investments/Commitments to Local Economic and Workforce Development economic benefits claims, the TEP will assess the scale of the likely impact of the proposed actions and firmness of the commitments, with points awarded based on the number, range, maturity, firmness, and credibility of the commitments being made and the scale of the potential benefits. The TEP will consider the:

- nature, quantity and importance of the proposed claims;
- effectiveness of the approach to developing the proposed claims; and
- supporting documentation to substantiate the nature, firmness, and maturity of the commitments, including, for example, letters of support, memoranda of understanding, letters of intent, option agreements, or binding contracts.

Proposers are encouraged to work with the AHJs hosting the Bid Facility to determine if there are economic benefits opportunities that could be uniquely afforded to the town/city/county/school district/census tract.

Proposers interested in exploring new opportunities for investments/commitments to local economic and workforce development benefits are also encouraged to consult with the New York State Empire State Development (ESD) Cleantech and Renewable Energy program, which may provide other resources and information as to potential opportunities in the Proposers' region of interest.

Interested Proposers are encouraged to reach out directly to ESD at: [CleanTech@esd.ny.gov](mailto:CleanTech@esd.ny.gov).

#### **8.4 Bid Fee Instructions**

Each Step Two Bid Proposal must be accompanied by a non-refundable Bid Fee, in the form of electronic wire (preferred) or certified funds, in an amount determined by the Nameplate Capacity of the Bid Facility. The Bid Fee is due by October 20, 2020 (See Section 1.3). Proposers must indicate that they have submitted a Bid Fee with their Step Two Bid Proposal and attach proof of the provision of a Bid Fee, such as a receipt or transfer confirmation.

A separate Bid Fee is not required for each Step Two Bid Proposals in instances of Alternate proposals for the same Bid Facility. If a Proposer wishes to submit one or more Alternate Step Two Bid Proposals for the same Bid Facility (for example, with energy storage, or for a different Bid Capacity), only one Bid Fee is required. A separate Bid Fee is not required for each alternate Step Two Bid Proposal.

Bid Fees will not be refunded to Proposers. Required Bid Fee amounts are as follows based on the Nameplate Capacity in megawatts (MW) of the eligible generator.<sup>64</sup>

<u>Nameplate Capacity (MW)</u>	<u>Bid Fee</u>
Less than 5.00 MW	\$5,000
5.00 – 19.99 MW	\$20,000
20.00 – 49.99 MW	\$50,000
50.00 MW or more	\$100,000

Full Bid Fee submission instructions with account and routing information can be downloaded after registering as a Proposer on the solicitation website.

All Bid Fees must be clearly labeled with a unique identifier comprised of the Bid Facility's NYGATSID and the RFP Tracking Number, in the format: GENXXXXX\_RESRFP21-1, or PROXXXXX\_RESRFP21-1, or IMPXXXXX\_RESRFP21-1. Bid Fees provided via electronic wire must have this unique identifier included within the Payment Details/Description. Bid Fees provided via cashier's check must have this unique identifier clearly labeled within the Memo or elsewhere on the check.

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<sup>64</sup> The Nameplate Capacity is determined by the Tier-1 eligible generation in the NYGATS PSoQ or SoQ and does not include Energy Storage. Nameplate Capacity is measured in AC capacity (MWac).

## **9 POST-AWARD PROCESS**

### **9.1 Confidentiality**

The Proposer shall not distribute any press release or contact the media until after the contract is executed by both parties and any New York State press releases regarding the awards have been issued. If the Proposer wishes to contact the press regarding the award, the Proposer must collaborate with NYSERDA's Large-Scale Renewables Team and the Director of Communications to prepare any press release and/or to plan for any announcement.

### **9.2 Provision of Contract for Execution**

NYSERDA will prepare a conformed copy of the RES Standard Form Agreement (Attachment A) which will be delivered to the Proposer, in a manner to be agreed upon, for Proposer's execution and return.

NYSERDA may rescind awards to Proposers who fail to provide Contract Security within thirty (30) days of the Award Notification Date or who fail to execute the Agreement within a reasonable amount of time. If a Bid Facility is awarded a contract under RESRFP21-1 and the Proposer fails to execute NYSERDA's RES Standard Form Agreement within a reasonable time following notification of an award, the Bid Facility may not be eligible to participate in NYSERDA Tier 1 solicitations until 2023.

NYSERDA may publish the executed Agreements, and/or relevant terms within the Agreements, executed with awardees. Prior to such publication, NYSERDA will redact any critical electric infrastructure information contained in the Agreements, if any, including in the exhibits thereto, and will consider requests to redact confidential business information; provided, however that NYSERDA will not entertain any request to redact price information contained in this Agreement, specifically the Bid Price.

### **9.3 Provision of Contract Security**

Unless otherwise agreed to by NYSERDA in writing, Contract Security in the amount of the product of the Bid Quantity and \$9.00 will be required within thirty (30) days of the Award Notification Date. NYSERDA accepts Contract Security in the form of cash, certified funds, or a Letter of Credit. The criteria for accepting a LOC includes:

- 1) the issuing bank is a member of the New York Clearinghouse Association,<sup>65</sup> or
- 2) the issuing bank must have a credit rating of A or better by Standard and Poor's, A or better by Fitch, or A2 or better by Moody's; and
- 3) the issuing bank must be a United States bank, or a United States branch of a foreign bank, with a New York branch preferred.

NYSERDA has included a standard form of letter of credit in the RES Standard Agreement. If the issuing bank seeks modification to these terms, NYSERDA recommends that a draft letter of credit should be sent to NYSERDA for review and consideration prior to issuance.

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<sup>65</sup> Please see the owner bank membership for The Clearing House available from <https://www.theclearinghouse.org/about/owner-banks>

## 9.4 Documents Required for Contracting Purposes

NYSERDA requires the following documents prior to contract execution:

- 1) Post-Award Contracting Information Form, to be provided by NYSERDA to Seller, requesting information such as Legal Business Name, State of Incorporation, Tax Identification Number (EIN), and other contractual information; and
- 2) Pursuant to Tax Law Section 5-a, if not previously filed for the Seller, form Tax Law ST-220-TD is required. Please consult Publication 223, Questions and Answers Concerning Tax Law Section 5-1. If filing for the first time, please indicate the “Seller” under “Contractor name” on the form. This form is filed with the NYS Tax Department and NYSERDA does not need a copy. If previously filed for the Seller, a completed form Tax Law ST-220-CA. On this form, Sellers will indicate to NYSERDA that they have filed the ST-220-TD form or the Seller previously filed ST-220-TD with the Tax Department. As a reminder, please indicate the “Seller” under “Contractor name” on the form; and
- 3) Certificate of Incorporation; and
- 4) A certificate of an appropriate officer of the Seller, in form and substance certifying: (1) the names and signatures of the officers of the Seller authorized to sign any documents to be delivered to NYSERDA under the conformed RES Standard Form Agreement, and (2) the accuracy and completeness of resolutions of the Seller, authorizing and approving all matters in connection with the transactions contemplated in the conformed Agreement. NYSERDA does not have a preferred standard.

## 9.5 Department of Agriculture and Markets Section 305 Notice Information

For awarded Bid Facilities with a Nameplate Capacity less than 25 megawatts and located in a New York State agricultural district, Proposers may be required to provide to NYSERDA a report including all information required by Section 305(4)(b) of the Agriculture and Markets Law. NYSERDA reserves the right to expand this requirement to Bid Facilities greater than 25 megawatts and/or Bid Facilities sited outside of agricultural districts pending the applicable permitting processes in place at the time of award and contracting.

A map of the agricultural districts, by county, is available from New York State Department Agriculture and Markets (AGM).<sup>66</sup>

## 9.6 Public Release of Bid Facility Information

If Bid Facility characteristics change between Bid Proposal and Award, Proposers are required to submit an updated Attachment B Public Release of Bid Facility Information to NYSERDA within 10 Business Days of such change. The updated Attachment B will be made available to the public by NYSERDA. NYSERDA will not redact any information provided on the updated Attachment B, in order to ensure transparency with the public.

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<sup>66</sup> New York State Agriculture and Markets Agricultural Districts is available by county at <https://cugir.library.cornell.edu/?utf8=%E2%9C%93&q=nys+agriculture+districts>



### **9.7 Non-disclosure Agreement/Waiver for Interconnecting Authority**

The Proposer shall waive confidentiality with the pertinent Interconnecting Authority after the RES Agreement has been executed.

### **9.8 In the Matter of a Renewable Energy Facility Host Community Benefit Program (Case Number 20-E-0197)**

Upon Agreement execution, NYSERDA is required to inform impacted Utilities serving residential customers proximate to the Bid Facility's location and file with PSC in case 20-E-0249 pursuant to the PSC's Order in Case Number 20-E-0249. Prior to Agreement execution, Sellers will confirm the Utility(ies) for residential customers in the project area (i.e., City(ies) and Town(s)) where projects are located for the purpose of compliance with PSC Host Community Benefit Program in DPS DMM Case Number: 20-E-0249. NYSERDA will include the Facility Name, Nameplate Capacity (MWac), Utility, NYISO Queue Position, and Potential Host Community(ies) in the communication. Note that these towns are not AHJs, but the city(ies) and town(s) associated with the physical location of the project as bid to NYSERDA.

## **10 RES STANDARD FORM AGREEMENT**

NYSERDA recommends that Proposers review the Agreement (Attachment A) and all associated Exhibits prior to participating in RESRFP21-1. The Agreement is a legally binding document; it is recommended that Proposers consult with an attorney. NYSERDA cannot adjust the binding Fixed or Index REC Bid Price or other settlement-related terms submitted by Proposers as part of a Step Two Bid Proposal.

### **10.1 Conditions/Contingencies**

NYSERDA may include conditions and/or contingencies to address matters concerning any issues regarding the viability or siting of a Bid Facility, or where the build environment is contingent or conditional on governmental rescission, modification or change in local law, temporary or permanent.

### **10.2 Material Changes to Bid Proposal/Agreement Terms**

NYSERDA will not make material adjustments or adjust any award to accommodate changes unforeseen by the developer, including the Index REC Strike Price or Fixed REC Price. Projects awarded under RESRFP21-1 that do not execute an Agreement may be barred from future participation in RES Solicitations.

## **11 GENERAL CONDITIONS**

### **11.1 Proprietary Information**

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

However, NYSERDA cannot guarantee the confidentiality of any information submitted. NYSERDA reserves the right to make public, after the fifth anniversary of the award date, the Agreement executed with any awarded Proposal.

### **11.2 State Finance Law Sections 139-j & 139-k**

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

Proposer must certify that he/she will comply with State Finance Law Sections 139-j and 139-k and a provide disclosure statement regarding whether Proposer has been found non-responsible under Section 139-j of the State Finance Law within the previous four years.

### **11.3 Tax Law Section 5-a**

NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the Department) whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf>.

#### **11.4 Omnibus Procurement Act of 1992**

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

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

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

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

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

#### **11.5 Disclosure Requirement**

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

#### **11.6 Press Releases and Media Contact**

All Proposers shall not distribute any press release or contact the media until after the Agreement is executed by both parties and any New York State press releases regarding the awards have been issued. If Proposer wishes to contact the press regarding the award, Proposer must collaborate with NYSERDA's Designated Contacts and Director of Communications to prepare any press release and/or to plan for any announcement. NYSERDA reserves the right to make public, after the fifth anniversary of the Award Notification Date, the Agreement executed with any awarded Bid Facility.

#### **11.7 Independent Entities/Limitation of Liability**

Neither this RFP nor any other aspect of this solicitation shall create an agency, partnership, joint venture, or co-tenancy relationship among the members of the Evaluation Team or any other individuals or entities involved in the development or administration of this RFP (collectively, the "RFP Parties"), nor any other relationship or liability beyond those (if any) explicitly adopted in writing and executed by authorized representatives of the applicable RFP Parties. None of the RFP Parties shall be liable for any

act or omission of any other RFP Party. Neither this RFP nor any other aspect of this solicitation creates or is intended to create third-party beneficiaries hereunder. In no event will an RFP Party be liable to any person for special, incidental, punitive, exemplary, indirect or consequential damages or lost profits, whether by statute, in tort or contract or otherwise.

# New York Truck Voucher Incentive Program

## Implementation Manual

October 2021



**Truck Voucher  
Incentive Program**

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# Definitions for NYTVIP

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**Alternative Fuel Vehicle (AFV)** refers to plug-in hybrid electric vehicle (PHEV), non-plug-in hybrid electric vehicle (HEV) technology, and vehicles powered by compressed natural gas (CNG) or propane (also known as liquefied petroleum gas or LPG). Under the Program rules, an AFV that has received Program incentives must satisfy minimum annual usage requirements during the entire five-year in-service period.

**Battery Electric Vehicle (BEV)** is an on-road, Class 3-8 gross vehicle weight rating (GVWR), zero-emission vehicle that operates solely by use of a battery pack, or that is powered primarily through the use of an electric battery pack that also stores energy produced by the electric motor or by regenerative braking to assist in vehicle operation. For NYTVIP purposes, a hydrogen fuel cell powered vehicle is not considered to be a BEV.

**Commercial Fleet** is one or more vehicles used solely as part of a commercial enterprise (i.e., not used for individual or personal activities). Vehicles cannot be registered to an individual.

**Compressed Natural Gas (CNG) Vehicle** is an Alternative Fuel Vehicle that operates solely using compressed natural gas as its fuel.

**Congestion Mitigation and Air Quality Improvement Program (CMAQ)** is a source of funding apportioned by the Federal Highway Administration (FHWA) and administered by the New York State Department of Transportation. CMAQ funding supports surface transportation projects and other related efforts that contribute to air quality improvements and provide congestion relief. CMAQ must be used in areas that are or were previously classified as non-attainment for one or more of the pollutants that comprise the National Ambient Air Quality Standards (NAAQS).

**Contractor** is the vehicle dealership, Original Equipment Manufacturer (OEM), or Upfit/Retrofit Manufacturer (URM) that sells Eligible Vehicles (new medium- or heavy-duty vehicles) directly to a Vehicle Purchaser or end-user. In the case of repowers, the Contractor is the entity that sells the repower equipment to the Fleet and performs the repower on the vehicle.

**Contractor Portal** is an online system, utilizing Salesforce software, that entities selling eligible vehicles use to apply to become a Contractor in the Program.

**Disadvantaged Community (DAC)** is currently defined as a census block that is either:

1. In the top quartile of the United State Department of Housing and Urban Development (HUD) 50% area median income (AMI) thresholds, and that is also located within a DEC Potential Environmental Justice Area.<sup>1</sup>
2. Located in a New York State Opportunity Zone.<sup>2</sup>

An interactive map to determine whether a location is in a Disadvantaged Community can be accessed at [nyserdera.ny.gov/ny/disadvantaged-communities](https://nyserdera.ny.gov/ny/disadvantaged-communities).



**Domicile** is the location where the vehicle will be registered, stored, maintained, and/or generally be located, such as a fleet depot, when not performing duties.

**Electric Vehicle (EV)** is an on-road, Class 3-8 gross vehicle weight rating (GVWR), zero-emission vehicle that operates solely by use of a battery pack or hydrogen fuel cell, or that is powered primarily through the use of a hydrogen fuel cell or electric battery pack that also stores energy produced by the electric motor or by regenerative braking to assist in vehicle operation. Primary recharge energy must be drawn from a source off the vehicle, such as a connection to grid electric service or a hydrogen fuel dispenser. Under the Program rules, an EV that has received Program incentives must satisfy minimum annual usage requirements for a particular vehicle type during the entire five-year in-service period.

**Eligible Vehicle** is an all-electric vehicle or alternative fuel vehicle that meets all Program rules and requirements.

**Factory Build Sheet** contains assembly instructions according to detailed vehicle specifications for use at the manufacturing facility.

**Fleet** is the vehicle fleet of a commercial, nonprofit, or public sector entity (excluding federal governmental entities) that domiciles, registers, and/or operates class 3-8 vehicles in New York.

**Fuel Cell Electric Vehicle (FCEV)** is an on-road, Class 3-8 gross vehicle weight rating (GVWR), zero-emission vehicle that operates solely by use of a hydrogen fuel cell, or that is powered primarily through the use of a hydrogen fuel cell along with battery packs.

**Gross Vehicle Weight Rating (GVWR)** is the maximum operating weight/mass of a vehicle as specified by the manufacturer and described on the original manufacturer line setting ticket provided to the vehicle dealer. See the following table of weight classes.

Vehicle Class	Gross Vehicle Weight Range
Class 3	10,001–14,000 pounds (4,536–6,350 kg)
Class 4	14,001–16,000 pounds (6,351–7,257 kg)
Class 5	16,001–19,500 pounds (7,258–8,845 kg)
Class 6	19,501–26,000 pounds (8,846–11,793 kg)
Class 7	26,001–33,000 pounds (11,794–14,969 kg)
Class 8	≥33,001 pounds (≥14,969 kg)

**Hybrid Electric Vehicle (HEV)** is an alternative fuel vehicle powered by an internal combustion engine and by an electric motor that uses energy stored in a battery. The battery is charged through regenerative braking and by the internal combustion engine and does not plug in to charge.

**Incremental Cost** is the difference in cost between the new eligible vehicle and a comparable new diesel-fueled vehicle that would be purchased to perform the same function. For the purposes of this Program, the entire cost to repower a vehicle is considered its incremental cost.

**Line Setting Ticket** is the factory build or construction sheet created when the vehicle order is sent to the vehicle manufacturer.

**Nonprofit** is an agency or corporation that is exempt from federal income taxes under Section 501 of the Internal Revenue Code (26 U.S.C. § 501).

**Non-Road Port Cargo Handling Equipment (CHE)** is a non-road vehicle type under NYTVIP. Examples of eligible CHEs are rubber-tired gantry cranes, straddle carriers, shuttle carriers, top loaders, side loaders, skid loaders and terminal tractors, including yard hostlers and yard tractors that operate within eligible ports.

**NYSERDA Portal** is a system utilizing Salesforce software that the Contractor, once approved by the Program, can log into to apply for vouchers, check status of their voucher progress, and upload Program required documents for voucher approval and voucher redemption approval.

**Original Equipment Manufacturer (OEM)** is the company that builds or assembles, at a minimum, the completed drive train and chassis for an eligible vehicle.

**Participating Vehicle Dismantler** is a facility that will perform the Scrappage of an eligible old diesel vehicle according to NYTVIP guidelines.

**Plug-In Hybrid Electric Vehicle (PHEV)** is an alternative fuel vehicle powered by an internal combustion engine and an electric motor that uses energy stored in a battery. The vehicle can be plugged in to an electric power source to charge the battery.

**Port** is a maritime commercial facility where ships may dock to load and discharge passengers and/or cargo. Ports must be located on a seacoast, estuary, lake, or river that allows for commercial navigation. For the purposes of the NYTVIP, ports eligible for cargo handling equipment funding must be also located within, or operated within, a half-mile of a disadvantaged community within the New York Metropolitan Area (NYMA) counties (Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, and Westchester).

**Program** is the New York Truck Voucher Incentive Program.

**Program Website** is [nyserdera.ny.gov/Truck-Voucher-Program](https://nyserdera.ny.gov/Truck-Voucher-Program).

**Propane (LPG) Vehicle** is an alternative fuel vehicle that operates solely using propane gas condensed in a liquid state as its fuel.

**Replacement Vehicle** is a new eligible vehicle that runs on alternative fuels and replaces an existing diesel vehicle of similar weight class and vocation that has been scrapped to meet Program requirements.

**Repowered Vehicle** is an existing vehicle that had its existing diesel engine, which was dated at least six years older than the current model year, Scrapped and replaced with a new engine, motor, drivetrain, battery, and/or other Alternative Fuel Vehicle drive and fuel storage component.

**Scrappage (Scrapped or Scrap)** is verifiably rendering inoperable a vehicle with a diesel engine dated 1992 through 2009 by verifiably cutting a three-inch hole in the engine block and disabling the chassis by cutting the vehicle's frame rails completely in half. For repowered vehicles, the existing diesel engine

block must have a three-inch hole cut into it and the engine must be at least six years old; the chassis need not be disabled.

**Semi-Annual Usage Report** is a required semi-annual report submitted by the Vehicle Operator that details the mileage, fuel use, maintenance, breakdown costs, and other information to NYSERDA.

**Telematics** is the technology of sending, receiving, and storing information using telecommunication devices that have been installed in an eligible vehicle by a fleet participant.

**Transit Operator** is any municipally owned or municipally contracted public transportation provider; public transportation authority; or intercity provider pursuant to Section 14(g) of New York State Transportation Law, that provides transportation service open to the public.

**Upfit/Retrofit Manufacturer (URM)** is a company that installs equipment on a truck or bus rolling chassis purchased from an OEM. The Upfit/Retrofit Manufacturer must bear full responsibility under federal law for any vehicle defects and is responsible for certifying the vehicle meets all applicable federal safety standards.

**Vehicle Operator** is the entity that will operate an eligible vehicle. This may be the vehicle purchaser or a different entity under a lease agreement with a vehicle purchaser.

**Vehicle Purchaser** is the entity that will directly purchase, own, and operate the vehicle or the leasing company that will lease an Eligible Vehicle to a Vehicle Operator. The Vehicle Purchaser may or may not be the same entity as the Vehicle Operator.

**Volkswagen Settlement** refers to the January 29, 2018 *Environmental Mitigation Trust Agreement for State Beneficiaries* in which New York State is a listed Beneficiary. New York State's subsequent Beneficiary Mitigation Plan ("CLEAN TRANSPORTATION NY") outlines the overall goals and objectives for use of funds provided by the VW Trust. See: [dec.ny.gov/chemical/109784.html](http://dec.ny.gov/chemical/109784.html)

**Voucher Application** is the process of the Contractor supplying information through the NYSERDA Portal to have a voucher incentive set aside for an eligible vehicle or repowered vehicle.

**Voucher Approval Date** is the date on which NYSERDA approved a project and set aside funding for a vehicle project. Contractors must submit all documentation for reimbursement within 12 months of the voucher approval date or within 18 months if an extension has been granted.

**Voucher Redemption** is the process of the Contractor supplying information through the NYSERDA Portal to complete the voucher process and satisfy all requirements for a payment to be made to the Contractor.

**Voucher Help Center (VHC)** is the entity that answers Program questions, takes in, reviews, and processes voucher applications and is the primary Program point of contact for OEMs, URMs, Contractors, and Fleets. The VHC can be reached at [NYTVIP@energycenter.org](mailto:NYTVIP@energycenter.org) or 866-595-7917.

# 1 Program Overview

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The New York Truck Voucher Incentive Program (NYTVIP or Program) is a voucher incentive program aimed to accelerate the deployment of all-electric and alternative fuel trucks and buses (also referred to as EVs and AFVs, respectively) in the medium- and heavy-duty vehicle weight classes throughout New York State. By increasing the use of cleaner vehicle technologies, the Program reduces harmful vehicle emissions, including greenhouse gases, and lessens New York's transportation sector's dependence on petroleum. In partnership with New York State Department of Transportation (DOT) and New York State Department of Environmental Conservation (DEC), the New York State Energy Research and Development Authority (NYSERDA) developed NYTVIP to reduce the cost of medium- and heavy-duty EVs and AFVs to help fleets, leased vehicle operators, and vehicle owner-operators switch to vehicles that are better for the environment and often are more cost-effective than equivalent diesel-fueled vehicles.

## About the Implementation Manual

This Implementation Manual outlines the process, requirements, rules, and funding parameters of the Program to provide participants with information on how to participate in NYTVIP. NYSERDA may make changes to the Implementation Manual at any time. Changes will be applicable to all voucher applications not yet approved by NYSERDA. Program participants are bound by the version of Implementation Manual in effect at the time they obtain approval of a submitted voucher application. In other words, voucher applications, voucher redemption protocols, and all other Program elements associated with those vouchers must follow the directions outlined in the most recent version of the Implementation Manual posted on the Program website at the time of voucher application. The most recent Implementation Manual, as well as all required forms and agreements, can be found on the Program website ([nyserderda.ny.gov/Truck-Voucher-Program](https://nyserderda.ny.gov/Truck-Voucher-Program)) as well as in the NYSERDA Portal through which voucher applications are submitted. Notice of all changes will be provided to Program participants via their designated email addresses, as identified in the voucher application.

## 1.1 Advancing Clean Vehicles through Voucher Incentives

Voucher incentives facilitate Fleet adoption of new EV or AFV trucks and buses by reducing the upfront prices of these vehicles, which are more expensive than comparable diesel vehicles. Vouchers make it more affordable for Fleets to gain experience with cleaner technologies that may cost less to operate than diesel vehicles. In addition, voucher projects result in verifiable emissions reductions and air quality improvements by decommissioning diesel vehicles through a Scrappage process. A Fleet agrees to purchase an eligible vehicle from a vendor/dealer (Contractor) qualified to sell that vehicle through the Program, and the Contractor deducts the value of the voucher from the total sale price. Once the Vehicle Purchaser has scrapped an eligible diesel vehicle with engine model year 1992 through 2009 and the Contractor has supplied all required documentation to verify all steps of the process, NYSERDA reimburses the Contractor for the full voucher amount.

**Note:** Transit agencies located in CMAQ-eligible counties (see Table 7) that purchase EV transit buses may choose not to scrap a bus, in which case they may only be eligible to receive a lower incentive amount as reflected in Table 6 (see Section 2.3.3).

The voucher amount is provided to Fleets by the Contractor at the point of purchase in the form of a discount off the total purchase price, making EV and AFV acquisitions easier and less expensive and helping to distribute the benefits of EV and AFV deployment within New York State. NYSERDA will not make a voucher payment unless all required documentation for voucher redemption is properly submitted to and approved by NYSERDA. If the Fleet does not provide proper documentation to the Contractor for voucher redemption, NYSERDA is NOT responsible for the deficit in funding for the vehicle purchase. Partial voucher payments will not be made on individual vehicles. For multi-vehicle voucher requests, separate payments may be made for individual vehicles.

For each eligible vehicle model, NYSERDA will determine an estimated voucher amount—based on the price difference between EV or AFV vehicle and a comparable diesel truck or bus—and post that information on the Program website.<sup>3</sup> This allows prospective vehicle purchasers to know the estimated vehicle incentive amount prior to negotiating a vehicle price with the Contractor. NYSERDA, at its sole discretion, will determine the final value of the voucher at the time of approval. The final value of the voucher may differ from the value published by NYSERDA at the start of the application process, such as cases where an eligible vehicle model’s final incremental cost changed significantly from the approved incremental cost since it was approved for eligibility or based on the availability of funding. Project-specific information, such as domicile address and funding source, may also impact the final voucher amount and will be determined when the application is approved.

### 1.1.1 Voucher Publicity

All Program participants must collaborate with NYSERDA's director of communications to prepare any press release and to plan for any news conference concerning work related to the Program, if any. Program participants must notify NYSERDA's director of communications regarding any media interview in which work related to this Program, including vehicles for which the purchase or lease was facilitated using vouchers, is referred to or discussed. Vehicle Purchaser/Vehicle Operators must not use NYSERDA’s, New York State Department of Environmental Conservation’s (DEC), or New York State Department of Transportation (DOT) corporate name, logo, identity, any affiliation, or any related logo, without prior written consent from NYSERDA, DEC, or DOT.

### 1.1.2 Program Contacts

All Program questions can be directed to the Voucher Help Center (VHC):

NYTVIP Voucher Help Center  
866-595-7917  
[NYTVIP@energycenter.org](mailto:NYTVIP@energycenter.org)

If you are unable to contact personnel at the VHC, or if there are issues that the VHC cannot resolve, please contact the NYSERDA project manager responsible for the Program:

Patrick Bolton  
 Senior Project Manager  
 17 Columbia Circle, Albany, New York 12203  
 (518) 862-1090 ext. 3322  
[Patrick.Bolton@nyserda.ny.gov](mailto:Patrick.Bolton@nyserda.ny.gov)

Elizabeth Markham  
 Project Manager  
 17 Columbia Circle, Albany, New York 12203  
 (518) 862-1090 ext. 3386  
[Elizabeth.Markham@nyserda.ny.gov](mailto:Elizabeth.Markham@nyserda.ny.gov)

## 1.2 Voucher Funding Categories and Amounts

The total funding for NYTVIP incentives as of October 2021 is \$58.3 million. The Program may receive additional funds over time and may also expand to include additional vehicle types. With the exception of Non-Road Port Cargo Handling Equipment, no vehicle purchaser or vehicle operator may receive more than 25% of the total available funds under each of the funding categories in the NYTVIP as listed in Table 1. If additional funding is added to the Program, a vehicle purchaser or vehicle operator who has already met this threshold may request vouchers for up to 25% of the new total funding category amount.<sup>4</sup> A single vehicle purchaser or vehicle operator may receive the total available funds for Non-Road Port Cargo Handling Equipment. Incentive levels are subject to change over time, and any changes will be made with at least 30 days prior notice.

Table 1. NYTVIP funding categories and amounts

#	Funding Source	Vehicle Types	Amount
1	CMAQ	Class 3-8 Battery Electric Vehicles	\$10M
2	Volkswagen Settlement	Class 4-7 Trucks	\$4.8M
3		Class 8 Trucks	\$3.6M
4		Class 4-8 Electric Transit Buses	\$33.0M
5		Class 4-8 Electric School Buses	\$5.5M
6		Class 4-8 Propane & CNG School Buses	\$0.5M
7		Non-road Port Cargo Handling Equipment (CHE)	\$0.9M
<b>TOTAL</b>			<b>\$58.3M</b>

The voucher amount for a particular vehicle is calculated as the lesser of either:

- The applicable percentage of the NYTVIP established Incremental Cost, or
- A maximum cap that can vary by funding category, vehicle technology, weight class, and location

In all cases, a voucher can only be issued for the net eligible incremental cost percent cap of a new EV or AFV truck or bus after all other incentives are accounted for, and after eligibility for the appropriate funding source has been established. Funding amounts may be adjusted over time pursuant to funding source requirements.

The incentive amounts shown below may change over time. Once a voucher is approved, that voucher is eligible for up to the incentive amount shown in the Implementation Manual at the time of the voucher approval. Program participants will be given advance notice if incentive amounts change.

### 1.2.1 Truck Funding

Class 4-8 trucks domiciled anywhere in the State are eligible for the Program and can receive up to the funding amount listed in Table 2. Class 3 trucks may only receive a voucher for a BEV at the funding amount listed in Table 6 and must be domiciled in a CMAQ-eligible county (Table 7), or the applicant must commit to having at least 70% of the total vehicle miles of the incentivized vehicles operate in a CMAQ-eligible county. Trucks eligible for the NYC Clean Trucks Program ([www.nycctp.com/](http://www.nycctp.com/)) must use funding from that program, if available, before seeking funding through NYTVIP.<sup>5</sup> All applicants must comply with scrappage requirements, as described in section 3.2.

Table 2. Voucher amounts and caps by vehicle technology and weight class for Class 4-8 trucks

		Voucher Amounts and Caps				
Vehicle Technology	Incremental Cost %	Vehicle Weight Class (GVWR)				
		4	5	6	7	8
BEV	95%	\$ 100,000	\$ 110,000	\$ 125,000	\$ 150,000	\$ 185,000
FCEV	95%	\$ 100,000	\$ 110,000	\$ 125,000	\$ 150,000	\$ 185,000
PHEV	90%	\$ 55,000	\$ 60,000	\$ 70,000	\$ 100,000	\$ 120,000
HEV	90%	\$ 25,000	\$ 35,000	\$ 45,000	\$ 50,000	\$ 55,000
CNG	90%	\$ 30,000	\$ 40,000	\$ 50,000	\$ 55,000	\$ 60,000
Propane	90%	\$ 30,000	\$ 40,000	\$ 50,000	\$ 55,000	\$ 60,000

### 1.2.2 Transit Bus Funding

Eligible public transit entities can access voucher incentives for Class 4-8 electric transit buses (BEV and FCEV only) at the funding amounts listed in Table 3. Public transit entities located in a CMAQ-eligible county can access voucher incentives for Class 3 electric transit buses (BEV only) at the funding amount listed in Table 6. Transit bus funding, including recipient eligibility and special terms for electric transit buses, is discussed in greater detail in Section 2.3.3.

Table 3. Voucher amounts and caps by weight class for Class 4-8 transit buses

	Voucher Amounts and Caps					
Vehicle Technology	Incremental Cost %	Vehicle Weight Class (GWR)				
		4	5	6	7	8
<b>BEV / FCEV</b>	<b>100%</b>	<b>\$ 100,000</b>	<b>\$ 125,000</b>	<b>\$ 150,000</b>	<b>\$ 250,000</b>	<b>\$ 385,000</b>

### 1.2.3 School Bus Funding

School bus fleets can access voucher incentives for Class 4-8 school buses (BEV, CNG, or propane) at the funding amounts listed in Table 4. School bus fleets located in a CMAQ-eligible county can access voucher incentives for Class 3 electric school buses (BEV only) at the funding amount listed in Table 6. Funding terms for electric school buses are discussed in greater detail in Section 2.3.4.

Table 4. Voucher amounts and caps by weight class for Class 4-8 school buses

	Voucher Amounts and Caps					
Vehicle Technology	Incremental Cost %	Vehicle Weight Class (GWR)				
		4	5	6	7	8
<b>BEV</b>	<b>100%</b>	<b>\$ 100,000</b>	<b>\$ 120,000</b>	<b>\$ 150,000</b>	<b>\$ 200,000</b>	<b>\$ 220,000</b>
<b>CNG</b>	<b>90%</b>	<b>\$ 30,000</b>	<b>\$ 40,000</b>	<b>\$ 50,000</b>	<b>\$ 55,000</b>	<b>\$ 60,000</b>
<b>Propane</b>	<b>90%</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>

### 1.2.4 Non-Road Port Cargo Handling Equipment Funding

Eligible non-road port cargo handling equipment (CHE) operators at approved New York State port facilities can access voucher incentives for all-new or repowered BEV CHE (e.g., rubber-tired gantry cranes, straddle carriers, shuttle carriers, top loaders, side loaders, skid loaders, and terminal tractors including yard hostlers and yard tractors operating within ports) at the funding amounts listed in Table 5 below. Repowered CHE is the replacement of an existing diesel-powered engine with a new all-electric engine within an eligible CHE. The existing diesel-powered engine must be scrapped in accordance with Program requirements (see Section 2.1.2.2). Repowered CHE may re-use an existing or re-manufactured CHE chassis and cab.

Table 5. Voucher amounts and caps for non-road port cargo handling equipment (CHE)

	Voucher Amounts and Caps		
Vehicle Technology	Incremental Cost %	New	Repowered
<b>BEV</b>	<b>90%</b>	<b>\$ 170,000</b>	<b>\$ 140,000</b>

### 1.2.5 Funding for Other Vehicle Types

Fleets seeking funding for vehicles types not covered by the above funding tables (such as Class 3 vehicles, Class 3-8 shuttle buses, or Class 3-8 repowered on-road buses and trucks) can access voucher



incentives for BEVs domiciled and operated in one of the 30 CMAQ-eligible New York State counties (Table 7) at the funding amounts listed in Table 6.

Table 6. Voucher amounts and caps by weight class for Class 3-8 BEV trucks and buses not included above

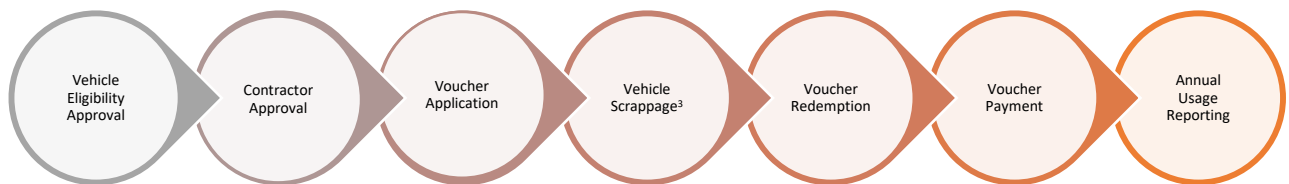
		Voucher Amounts and Caps					
Vehicle Technology	Incremental Cost %	Vehicle Weight Class (GWR)					
		3	4	5	6	7	8
BEV	80%	\$ 60,000	\$ 90,000	\$ 100,000	\$ 110,000	\$ 120,000	\$ 150,000
Repower	80%	\$ 60,000	\$ 90,000	\$ 100,000	\$ 110,000	\$ 120,000	\$ 150,000

Table 7. New York counties eligible for CMAQ funding

Albany	Kings (Brooklyn)	Ontario	Saratoga
Bronx	Livingston	Orange	Schenectady
Chautauqua	Monroe	Orleans	Schoharie
Dutchess	Montgomery	Putnam	Suffolk
Erie	Nassau	Queens	Wayne
Genesee	New York (Manhattan)	Rensselaer	Westchester
Greene	Niagara	Richmond (Staten Island)	
Jefferson	Onondaga	Rockland	

### 1.3 NYTVIP Process Steps

Figure 1. NYTVIP process steps



1. Vehicle Eligibility Approval – An Original Equipment Manufacturer (OEM), the OEM’s authorized dealer, or Upfit/Retrofit Manufacturer (URM) submits a completed vehicle eligibility application to the Voucher Help Center (VHC). This application provides information on the vehicle to be reviewed for eligibility and on a comparable diesel vehicle to determine the applicable Incremental Cost and related voucher amount. Once approved, vehicles are listed on the Program Website as Eligible Vehicles (See Section 2.1 for details on vehicle eligibility requirements and process).
2. Contractor Approval – A Contractor authorized to sell an eligible vehicle submits an application to NYSERDA to become an approved Contractor (requirements detailed in Section 2.2). If the

Contractor is a vehicle dealer and is not the OEM or URM, the Contractor must submit proof of OEM or URM authorization to sell the vehicle as part of the approval process. Approved Contractors may then market Program incentives to prospective vehicle purchasers and submit voucher applications to NYSERDA.

3. Voucher Application – When a vehicle purchaser is ready to purchase an Eligible Vehicle from an Approved Contractor, the Contractor submits a voucher application to reserve a voucher for that specific purchase (see Section 3.1 for details on the voucher application process). The full voucher incentive amount must be deducted from the total sale price of the vehicle at the point of sale and passed on to the vehicle purchaser. The voucher amount must be disclosed in the vehicle purchase order or lease with the vehicle operator. The Contractor cannot charge fees in association with processing the voucher application or the documentation required for payment. The voucher application must also identify the vehicle designated to be scrapped by the vehicle purchaser. The VHC and NYSERDA will review the voucher application and notify the Contractor if there are any issues or missing information, or if the application is approved. If the voucher application is approved, funds are reserved for the eligible vehicles identified in the application.
4. Vehicle Scrappage<sup>3</sup> – Scrappage can occur any time between the date of voucher approval and 21 days after vehicle delivery. The Scrappage process is outlined in Section 3.2 for the eligible vehicle identified to be scrapped in the voucher application. The Vehicle Purchaser must provide the Contractor with all required scrappage documentation within this timeframe, and the Contractor must upload all scrappage documentation to the NYSERDA Portal before the voucher can be redeemed.
5. Voucher Redemption – After the Vehicle Purchaser takes delivery of the new eligible vehicle, registers the new vehicle (if applicable), pays for it in full (total vehicle cost minus the voucher amount), and satisfies all scrappage requirements, the contractor completes the Voucher Redemption process in the NYSERDA Portal. This consists of uploading all required documentation for final approval (see Section 3.3). This information must be uploaded for each individual vehicle for which the Contractor seeks to receive a voucher payment. Vouchers must be redeemed within 12 months of the voucher approval date (or 18 months for transit buses). Contractors may apply for a six-month extension by emailing a request to the VHC documenting the manufacturer’s estimated dates for vehicle production and delivery. Such extensions are made at NYSERDA’s sole discretion, and in no case will the redemption process be extended beyond 18 months (or 24 months for transit buses). Vouchers that exceed the approved time limit will be canceled; a Contractor may reapply for a voucher prior to the vehicle being delivered.
6. Voucher Payment – The VHC and NYSERDA review the voucher redemption request, and if the request is approved, NYSERDA will issue a voucher payment to the Contractor. Contractors should enroll in electronic funds transfer (EFT) payment processing to receive timely voucher payments. To sign up for payment by EFT, complete an authorization form at: [nyserda.seamlessdocs.com/f/EFTForm](https://nyserda.seamlessdocs.com/f/EFTForm). Vouchers that have not been redeemed within 12 months of the voucher approval date (or within 18 months of the voucher approval date if an extension has been granted) will be canceled.

7. Semi-Annual Usage Reporting – The Vehicle Purchaser is required to submit semi-annual usage reports for a minimum of three years after voucher payment. The reports are always due on December 1 and June 1 of each year. NYSERDA reserves the right to recapture the incentive funds from the Vehicle Purchaser and/or bar the Vehicle Purchaser from participating in the NYTVIP if they do not provide timely and accurate Program semi-annual usage reports as required. See Section 2.3.2 “Reporting Requirements” for additional details.

## 2 Program Eligibility

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### 2.1 Vehicle Eligibility and Requirements

To qualify for voucher incentives through NYTVIP, eligible replacement vehicles must meet the following requirements:

- A vehicle must be a Class 3-8 Battery Electric Vehicle (BEV), a Class 4-8 Hydrogen Fuel Cell Electric Vehicle (FCEV), a Class 4-8 Plug-in Hybrid Electric (PHEV) or conventional (non-plug-in) hybrid vehicle (HEV), or a Class 4-8 vehicle running solely on compressed natural gas (CNG) or propane (Liquefied Petroleum Gas or LPG). Personal passenger vehicles are NOT eligible for Program funding.
- A vehicle that runs entirely or in part by combusting gaseous fuels (i.e., CNG, or LPG) must meet the 0.02 g/bhp-hr NO<sub>x</sub> certification standard when operating in combustion mode to be eligible for Program funding.
- A vehicle must be purchased from a Contractor approved to participate in the Program (see Section 2.2). The OEM or URM must provide documentation to NYSERDA verifying the incremental cost of the vehicle(s) relative to a comparable diesel vehicle. In cases where the incremental cost is not immediately clear, such as with low-volume or specialty vehicles, NYSERDA may request the Contractor provide documentation of incremental cost as part of the voucher application in addition to the vehicle eligibility application.
- All eligible vehicles, other than Repowered Vehicles, must be new, including the vehicle chassis and drivetrain. The model year (MY) of the new vehicle must be either one model year older, the same model year, or one model year newer compared to the calendar year in which the vehicle was purchased. For example, for a vehicle purchased (e.g., based on purchase order date) during calendar year 2021, the new vehicle's model year must be 2020, 2021, or 2022. Similarly, the new vehicle's engine model year (EMY) must be one engine model year older, the same engine model year, or one engine model year newer compared to its model year. As examples, an eligible model year 2020 truck must have an engine model year of 2019, 2020, or 2021; an eligible model year 2021 truck must have an engine model year of 2020, 2021, or 2022, etc. Vehicles and/or vehicle chassis cannot be previously registered in any state, fully paid for by the Vehicle Purchaser (other than a vehicle down payment) or have been delivered to the Vehicle Purchaser prior to the Contractor applying for a voucher. Used vehicles (including vehicles used by dealers, OEMs, or other entities or for demonstration purposes) are NOT eligible. Repowered vehicles are exempted from these requirements.
- Repowered vehicles may be eligible for NYTVIP funding. For such projects, OEMs or URMs will provide documentation to NYSERDA that shows the cost of repowering a truck or bus relative to purchasing a new diesel-powered equivalent vehicle. For repowered vehicles, the Vehicle Purchaser must certify, in a manner approved by NYSERDA, that the vehicle has an expected operational lifespan after repowering of at least 10 years. Chassis may be reused for repowers

(i.e., not destroyed in scrappage) as typically only the engine is replaced. For the purposes of repowers, the entire cost of the repower is considered the incremental cost.

- Unless required by the original equipment manufacturer, modifications that could potentially impact the vehicle's tailpipe emissions characteristics (e.g., through emissions retrofits, hardware, or software) are NOT permitted for five years from the date of vehicle delivery.
- Program funding may not be used to pay for the purchase or installation of fuel-fired heaters. (although these may be installed at fleet or owner's cost and noted within the application, Section 2.1.1). Eligible vehicles must meet all federal and New York State requirements for operation. The OEM or URM must also certify that the vehicle model complies with all applicable federal safety standards for new motor vehicles and new motor vehicle equipment issued by the National Highway Traffic Safety Administration (NHTSA). The Federal Motor Vehicle Safety Standards (FMVSS) are found in Title 49 of the Code of Federal Regulations (CFR) Part 571.
- The final assembly of eligible vehicles must take place in the United States and must consist of significant value and effort. For a vehicle to be listed as eligible, its OEM or URM must submit documentation to NYSERDA regarding the location, actions performed, and total value of final assembly. Vehicles with components assembled entirely within the United States may note the location of assembly, excluding the action performed and the value. The vehicle engine or electric motor, drive train, and battery pack (if applicable) must be covered by a manufacturer's warranty. Prior to approving a vehicle model as an eligible vehicle to be listed on the Program website, NYSERDA may request that the OEM or URM provide copies of representative warranties for vehicle, engine, and/or powertrain components (e.g., battery pack) and documentation (such as warranty contracts) of the OEM's or URM's plans to provide warranty and routine vehicle service. The warranty must provide protection for a minimum of 36 months or 50,000 miles (whichever comes first); see sections 2.3.3, 2.3.4, and 2.3.5 for special warranty provisions for transit buses, electric school buses, and electric cargo handling equipment, respectively. The first 36 months or 50,000 miles of the coverage period must be a full warranty covering, at a minimum, the engine or motor (whichever is applicable), powertrain components, batteries, parts, and labor. If the warranty is extended beyond 36 months or 50,000 miles and is prorated, the percentage of the original value of the vehicle component to be covered or refunded must be at least as high as the percentage of the prorated coverage period remaining.
- If an OEM, URM, or their authorized dealer, does not own a New York State repair facility or does not have a contract with a New York State entity to provide repair and warranty service (copy of contract must be provided and approved by NYSERDA), the OEM, URM, or authorized dealer must submit a written plan (including contracts) for how it intends to provide warranty service, replacement parts, and technical support in New York State. The maintenance/repair plan must be submitted to the VHC for approval. The plan must receive written approval from NYSERDA for vehicles to be eligible to receive incentives under the Program.
- OEMs, URM, or their authorized dealers, as part of submitting documentation to the VHC for vehicle eligibility, must submit the costs of the electric or alternative fuel vehicles they want to

be included in the Program, and for each vehicle, the cost of a comparable conventional diesel vehicle with equivalent payload, vocation, and features. The difference in price between those two vehicles is the incremental cost. The applicable voucher amount may cover only a portion of the Incremental Cost up to the maximum voucher amount by weight class, vocation, and fuel type.

### 2.1.1 Vehicle Approval Process

1. The OEM, URM, or its authorized dealer downloads the vehicle eligibility application from the Program website.
2. Applicant enters general information about the vehicle for which they are requesting eligibility, including the following information, in the vehicle eligibility form:
  - Model year
  - Make and model
  - Fuel type (e.g., BEV, FCEV, PHEV, HEV, CNG, LPG)
  - Gross Vehicle Weight Rating (GVWR)
  - Energy/environmental attributes (e.g., kWh/mile for BEVs or PHEVs operating in battery-only mode, kg CO<sub>2</sub>/mile for CNG or LPG vehicles or PHEVs operating in fuel mode)
  - Manufacturer suggested retail price (MSRP) (or Buyer's Sheet) indicating vehicle pre-tax cost and Incremental Cost of alternative fuel technology
    - Applicant must also indicate the pre-tax retail price of a comparable new diesel vehicle (i.e., a conventional diesel vehicle with equivalent payload)
  - Location and nature of activities involved in final vehicle assembly
  - Whether the vehicle uses an auxiliary fuel-fired heater (note any associated costs are not eligible under the Program)
3. Applicant sends the completed vehicle eligibility form, including signed checklist and certifications page, along with required documentation to the VHC at [NYTVIP@energycenter.org](mailto:NYTVIP@energycenter.org). Documentation shall include, at a minimum, the following items:
  - Completed vehicle eligibility application form
  - Attestation that the vehicle meets federal and State requirements
  - Documents justifying price of eligible vehicle and a comparable diesel vehicle
  - Name and contact information for a New York State repair facility under contract for servicing and repairing New York State vehicles or a written maintenance and repair plan if there are no New York State repair facilities
  - Proof of a guaranteed warranty for motor or engine, powertrain, parts, and labor for the minimum amount of time specified

4. NYSERDA and the VHC review the vehicle eligibility application and additional documentation for accuracy and completeness. If additional information is needed, NYSERDA or the VHC will notify the applicant via email. If NYSERDA or the VHC find that the application is complete, and the vehicle(s) are eligible, the applicant will be notified of approval.
5. NYSERDA will list the newly eligible vehicle(s) on the Program website so Fleets know they can purchase the vehicle(s) through the Program.
6. The entity that sells the eligible vehicle must apply to be an approved Contractor and specify the brand of Eligible Vehicle(s) they sell to be eligible to receive voucher funds.

## 2.1.2 Special Conditions for Repowered Vehicles

A Repowered Vehicle is defined as an existing vehicle that had its diesel engine, dated six years old or older than the current model year, scrapped and replaced with a new engine, motor, powertrain, and/or other Alternative Fuel Vehicle component. These vehicles may be eligible for NYTVIP funding even though the process of producing and registering repowered vehicles is distinct in several ways from the process of producing and registering Replacement Vehicles described in Section 2.1.1. With the exception of special terms included in this section, repowered vehicles must meet all applicable NYTVIP terms and conditions set forth in this Implementation Manual. The incentive for a repowered vehicle cannot exceed the incentive level of an equivalent new eligible truck or bus under the program. NYSERDA has the sole discretion to determine what is or is not an equivalent new truck or bus.

### *2.1.2.1 Vehicle Eligibility*

To be an eligible on-road Repowered Vehicle, the existing diesel engine must be at least six engine model years old and must be replaced with an all-electric powertrain (i.e., must be converted to a BEV) and must be a Class 3-8 vehicle domiciled and registered in a CMAQ eligible county or must operate at least 70% of total vehicle miles in a CMAQ-eligible county (see Table 7). The Incremental Cost percentages and caps listed in Table 6 apply to Repowered Vehicles. URM or repower manufacturers must provide documentation to NYSERDA showing the total cost of repowering a truck or bus, which will serve as the cost basis for determining the applicable voucher amount. Repowered Vehicles must be certified by the vehicle owner and the entity performing the repower that the vehicle, once repowered, will have an expected operational lifespan of at least 10 years. Warranty requirements apply to repowers (see Section 2.3.5 for special requirements for repowered non-road CHE).

### *2.1.2.2 Vehicle Scrappage Requirements*

Because a Repowered Vehicle uses the frame of an existing vehicle, the Scrappage requirement to destroy the chassis by cutting or shearing both the chassis rails between the two axles does NOT apply to repowers. All other Scrappage and documentation requirements defined in Section 3.2 DO apply to Repowered Vehicles (e.g., three-inch hole in the old engine block, 21-day timeframe from vehicle delivery to complete Scrappage).

### 2.1.2.3 Repower OEM/Contractor

For Repowered Vehicles, the entity that makes the repower kit is considered a new vehicle OEM in the Program. The Contractor for a repower can be either the manufacturer, if they also perform the repower, or a dealer/installer that is approved by the manufacturer.

## 2.2 Contractor Eligibility and Requirements

In NYTVIP, the Contractor is the entity that sells an approved Eligible Vehicle to the Vehicle Purchaser. Entities interested in becoming Contractors that are approved to sell vehicles through NYTVIP must:

- Be any of the following types of entities:
  - A truck or bus dealership that has a written agreement with a medium- and/or heavy-duty vehicle OEM, and sells or leases complete Eligible Vehicles to Fleets or vehicle owner-operators
  - An OEM that builds and sells or leases complete Eligible Vehicles directly to Fleets or vehicle owner-operators
  - A truck or bus URM that has a written agreement with a medium or heavy-duty OEM, and upfits, retrofits, or performs final equipment installations on those new Replacement or Repowered Vehicles and sells or leases the completed Eligible Vehicle to a leasing company, Fleet or vehicle owner-operator
  - A retrofit kit company that produces and installs the kits on existing vehicles, such as a PHEV kit on an existing diesel-powered vehicle
- Have a valid business license for the past two years
- Be the entity that sells or leases the fully assembled and completed new Eligible Vehicle or Repowered Vehicle.
  - For example, an entity is not eligible to become a Contractor if it only sells the chassis to a URM that in turn completes the final vehicle manufacture and then sells the completed vehicle to the Vehicle Purchaser; in such a case, the entity that sells the completed vehicle to the Vehicle Purchaser would be eligible to apply to become an approved Contractor

Contractors are required to pass on the full Program incentive to a Vehicle Purchaser by reducing the purchase cost of Eligible Vehicles by the full incentive amount. Contractors may not charge fees to the Vehicle Purchaser in association with processing vouchers. Contractors must make all Program-related records available for review by NYSERDA during the first five years after the sale of a vehicle that receives support through the Program.



## 2.2.1 Contractor Approval Process

1. To submit a Contractor application, the applicant accesses the online Contractor Portal from the Program Website.
2. Once in the Contractor Portal, the applicant enters general company information and company contact details.
3. Applicant selects at least one make of Eligible Vehicle it plans to sell as part of the Program; if the applicant is not an OEM or URM, the applicant uploads a letter from the OEM or URM authorizing the applicant to market and sell that brand's vehicles.
4. Applicant reviews and completes the Contractor application, including the OEM certification, Contractor Participation Agreement, and, if the Contractor is located outside of New York State, documentation showing how the Contractor will provide service and support to Fleets participating in the Program. The applicant submits completed Contractor application to NYSEDA for review.
5. NYSEDA and the VHC review Contractor application for completeness. If the Contractor application is incomplete or the applicant is not certified to sell the Eligible Vehicle(s), NYSEDA will notify the applicant. If the Contractor application is complete, NYSEDA will notify the applicant that they are now an approved Contractor and will email the Contractor with a form to complete to receive payment via electronic funds transfer (EFT). This approval will create an account for the Contractor in the NYSEDA Portal in Salesforce.
6. NYSEDA lists the Contractor on the list of approved Contractors on the Program Website. Once a Contractor has been approved in the Program, it is then approved to market the Program incentives to Fleets (see Section 2.3).

## 2.3 Fleet Eligibility and Requirements

Fleets eligible to participate in the Program (i.e., Vehicle Purchasers) may be commercial fleets, non-profit agencies, or public fleet entities (excluding the federal government) that operate diesel vehicles that are registered and domiciled in New York State (or diesel vehicles domiciled in New York State for eligible vehicles that do not require vehicle registrations, such as cargo handling equipment). Fleets must Scrap a currently operational diesel-powered vehicle with a model year 1992 through 2009 engine of similar size and vocation to the Eligible Vehicle being purchased. Existing Class 4-7 diesel trucks should generally be replaced with the same weight class, one class lower, or one class higher electric truck. Existing Class 4-7 diesel trucks may, however, be replaced with an electric truck up to two weight classes higher with prior written approval. Class 8 trucks can only replace Class 8 diesel trucks.

To be eligible for Scrappage, a diesel vehicle meeting these criteria must be owned by the Vehicle Purchaser (all NYS requirements including but not limited to title transfer and applicable sales tax must be satisfied), must be fully functional and operational at the time of Scrappage, must have been registered in NY for 24 of the previous 27 months prior to the date of the initial Voucher Application, and must satisfy minimum annual usage requirements for the applicable vehicle type during recent operation (see Table 8). Minimum annual usage requirements for Class 4-7 trucks, Class 8 trucks, and School Buses may be satisfied by a previous vehicle owner. In the case of non-road cargo handling

equipment (e.g., electric yard tractors), the vehicle to be scrapped does not need to have been registered for on-road use in NY, but the fleet owner must sign a certification that the vehicle has been domiciled in NY for the previous two years.

All Voucher Applications require a letter on company letterhead certifying that the vehicle(s) designated to be Scrapped is/have been registered, domiciled, and operated in New York State for at least the past two years, that the vehicle's registration will be active at the time of Scrappage, and that the minimum annual usage requirements shown in Table 8 were met.

To be eligible for Scrappage, a diesel vehicle must have been owned by the Vehicle Purchaser or another fleet that meets all eligibility requirements over the last two years. If a fleet wishes to Scrap a vehicle that has changed ownership in the last two years, the fleet must comply with the following rules:

- For Replacement Vehicles proposed for operation within the 9-county New York Metropolitan Area,<sup>6</sup> the diesel vehicle being Scrapped must have been previously registered within the 9-county NYMA for the previous two years.
- For Replacement Vehicles proposed for operation in the rest of New York State, the diesel vehicle being Scrapped must have been previously registered within New York State for the previous two years.

If scrappage eligible vehicles have changed ownership during the last two years, all applicable NYS requirements, including but not limited to title transfer and sales tax payment, must have been satisfied prior to application for funding under NYTVIP.

Fleets are required to own and operate vehicles purchased with support from NYTVIP for a minimum of five years after Voucher Redemption for the vehicles. This requirement applies to both new vehicles and repowered vehicles. The vehicles must be continuously registered and domiciled in New York State and must continue to be domiciled in the same county as they are originally registered for the entire five-year period. Vehicles receiving CMAQ funding must either be domiciled in a CMAQ-eligible county or must operate at least 70% of total vehicle miles in a CMAQ-eligible county for the five-year period. Vehicles receiving Program incentives must satisfy minimum annual usage requirements during the entire five-year in-service period (see Table 8). Any vehicle sold or retired before the required minimum five years, as stipulated in this Implementation Manual and agreed to in the Vehicle Purchaser Participation Agreement, is subject to prorated reimbursement penalty of 1.667% per month. For example, a vehicle sold or retired after 30 months would have 30 months remaining. The early sale penalty would be 50% (i.e., 30/60) of the original incentive amount and must be reimbursed to NYSERDA within 60 days of the resale or retirement of the vehicle.

Table 8. Minimum usage requirements for new and Scrapped vehicles

Vehicle Type	Annual In-Service and Term Requirements for New Vehicle	Annual In-Service and Term Requirements for Scrapped Vehicle
Truck	≥5,000 miles annually on average during the five-year in-service period	≥5,000 miles (or ≥1,000 hours in-service for off-road vehicles) annually over the two most recent years
Transit Bus	≥15,000 miles annually on average during the five-year in-service period	Must be part of active fleet for at least the previous 24 months. A transit bus that is part of a contingency fleet, or considered a spare bus, is not eligible.
School Bus	≥8,000 miles annually on average during the five year-in-service period	≥2,500 miles annually over at least one of the last two years
Non-Road Port Cargo Handling Equipment	≥700 hours annually on average during the five-year in-service period (located and operated exclusively at the approved port)	≥700 hours a year for at least one of the last two years at an eligible NYS port

All Class 3 through 8 trucks, school buses, and non-road port cargo handling equipment funded through this program must conform to the Scrappage Requirements of Section 3.2. New York State Transit Agencies or other entities providing intercity transportation service operating pursuant to Section 14(g) of New York State Transportation Law that will be domiciled in one of the 30 counties listed in Table 7 may choose to conform to the Scrappage Requirements of Section 3.2 and be eligible for incentive levels listed in Table 3 or may accept a lower incentive level consistent with those listed in Table 6 and be exempt from the Scrappage Requirements of Section 3.2.

For all Program-eligible vehicles, the current registration of each vehicle to be scrapped must be provided (except in the case of non-registered, non-road CHE). The county listed on the registration of this vehicle must be in New York State. Purchasers of school buses must provide a written attestation of the county the bus will be domiciled in.

The Vehicle Purchaser must operate the vehicle or stipulate through a lease agreement that the Vehicle Operator operate the vehicle, in New York State for at least 80% of the vehicle’s operating time and for a minimum of five years from the date of Voucher Redemption unless the vehicle is an emergency response vehicle, which may be deployed out of state, or the vehicle address identified in the Voucher Application is in a county that borders another state or Canada. In these two cases only, the vehicle may operate outside of New York State for up to 25% of its mileage only if a written request is included with the Voucher Application and approved by NYSERDA or the VHC.

The Vehicle Purchaser must ensure that if the vehicle is part of a lease or rental agreement, the term of the agreement shall be no less than five years and the Vehicle Operator must agree to operate the vehicle in New York State for at least 80% of the time during the term of the lease agreement.

The Vehicle Purchaser or Vehicle Operator must register the vehicle receiving Program incentives with the New York State Department of Motor Vehicles and the vehicle registration must list **both a mailing address and a Domicile address in the State.**

Vehicle Purchasers and Vehicle Operators must make all Program-related records available for review by NYSERDA during the first five years after the purchase or lease of a vehicle that receives support through the Program.

By participating in the program, Vehicle Purchasers and Vehicle Operators allow NYSERDA to share the vehicle model and the address where the vehicle will be domiciled with the electric distribution utility serving that location, for the purpose of informing the utilities' system planning efforts.

### 2.3.1 Special Conditions for Leased Vehicles

Vehicles purchased by a leasing or rental company and leased to a fleet are eligible vehicles under the Program as long as the term of the vehicle lease is at least five years from the voucher approval date. In these circumstances, the leasing or rental company is considered the Vehicle Purchaser. Any vehicle leasing or rental company that purchases a voucher-funded vehicle must identify a Fleet that will be the vehicle operator in the voucher application and supply at least a conditional lease (signed by both the leasing company and the vehicle operator) prior to voucher approval. The only restriction that can be left for the lease to be fully finalized is receiving a voucher approval for the incentive application from the program. The lease must be fully executed within one month of voucher approval to be eligible for program incentives. A copy of this draft lease agreement, inclusive of the Vehicle Operator Addendum available on the program website, must be submitted to NYSERDA through the NYSERDA Portal as part of the voucher application process. A leasing company cannot request a voucher to purchase a demonstration vehicle with the intention of finding a prospective Fleet to lease the vehicle. The Vehicle Operator must be identified in the voucher application, and the draft lease agreement with the Vehicle Operator must be provided.

Any vehicle leasing or rental company that leases a vehicle purchased with a voucher must disclose the full voucher amount and voucher terms to the Vehicle Operator in the lease, which must reflect the full extent of capital cost reduction from the applicable voucher amount.

The Purchaser, whether acting as Operator or lessor, must sign the NYTVIP Vehicle Purchaser Participation Agreement. As part of the voucher redemption process, a copy of the vehicle purchase agreement between the Contractor and the leasing company must also be submitted, along with a signed copy of the NYTVIP Vehicle Operator Addendum.

NYSERDA reserves the right to review lease agreements to confirm appropriate disclosures are made regarding the voucher amount received and other Program requirements. Leasing or rental companies must also provide NYSERDA with all requested information related to any vehicle purchased with a Program voucher (including lease agreements) within 10 days of a written request from the VHC for such information. The Vehicle Operator is also responsible for ensuring annual usage reports are accurate and submitted to NYSERDA as required in the Vehicle Purchaser Participation Agreement and the Vehicle Operator Addendum.

All leasing projects are subject to final NYSERDA approval.

### 2.3.2 Reporting Requirements

A Semi-Annual Usage Report is a brief, online form with several basic questions about vehicle operation experience, including information on vehicle mileage, fuel use, maintenance issues, and vehicle location. Twice a year, Vehicle Purchasers, or in the case of leased vehicles, Vehicle Operators are required to submit Semi-Annual Usage Reports for NYSERDA to document the use, vehicle emissions changes due to installation of aftermarket equipment, and operating costs of NYTVIP-funded vehicles. Individual Fleets' information will not be made available to the public and is intended solely for NYSERDA's tracking of program analytics.

The reports must be submitted twice each year for three years following voucher redemption (six reporting periods) of each vehicle funded through the Program. Fleets that operate leased vehicles that have been purchased with vouchers are responsible for providing timely and accurate reports as well.

Failure to submit a Semi-Annual Usage Report in a timely manner is a violation of the terms and conditions of the NYSERDA funding and may result in the Vehicle Purchaser being subject to a prorated reimbursement penalty based on the number of missed reports as well as a ban from any further participation in the Program.

Data will be collected for the half-year periods ending May 31 and November 30, and NYSERDA will remind Fleets to submit reports by June 1 and December 1 each year. To complete the Semi-Annual Usage Report, Vehicle purchasers (or in the case of a lease, vehicle operators) will need at least:

- Vehicle Identification Numbers (VINs) for your purchased vehicles
- Drive cycle, range, and location information
- Fuel consumption and mileage information
- Maintenance cost information
- Infrastructure or capital investment information (e.g., in fueling facilities)

For leased vehicles, the Vehicle Purchaser (leasing or rental company) is responsible for ensuring the vehicle operator submits the required Semi-Annual Usage Reports. This requirement should be included in the lease agreement with the vehicle operator.

NYSERDA may require the use of telematics of NYSERDA's choice and at NYSERDA's expense. Vehicle Purchasers will be given access to the data for their vehicles with the required telematics installed. Full details can be found in the document entitled "Vehicle Purchaser Participation Agreement" and the "Vehicle Operator Addendum."

### 2.3.2.1 *Special Reporting Requirements for Battery Electric Vehicles*

As part of the Semi-Annual Usage Report, for each battery electric vehicle purchased with funding under the Program, in addition to the reporting requirements previously described above in Section 2.3.2, the vehicle purchaser/vehicle operator is required to compile operational and cost information for a minimum of three years after Voucher Redemption. BEV reporting is required to include the following:

- BEVs funded under the Program must report vehicle odometer readings, or equipment hours of use, the amount of electricity used for battery charging (kWh) for the applicable reporting period, and for cumulative reporting. NYSERDA may obtain this data from network providers if applicable.
- Electric Vehicles funded under the Program must report maintenance and repair information, including associated costs, related to the all-electric vehicle for the applicable reporting period and cumulative reporting. Vehicle down time due to maintenance and repair needs shall be included. Vehicle purchasers/vehicle operators must also provide maintenance and repair reporting for similar diesel-powered vehicles in enough detail to allow a technical evaluation.
- Vehicle purchasers/vehicle operators must collect feedback from drivers/users of BEVs funded under the Program each reporting period. Feedback will include any issues, positive or negative, on the BEV driving experience.
- NYSERDA may require the use of telematics of NYSERDA's choice and at NYSERDA's expense. Vehicle Purchasers will be given access to the data for their vehicles with the required telematics installed.

*Note: Vehicles receiving Program incentives must satisfy minimum annual usage requirements during the five-year in-service period (see Table 8).*

Vehicle Purchasers should contact the voucher help center with any questions or for assistance with the Semi-Annual Usage Report.

NYSERDA reserves the right to recapture incentive funds (i.e., recovering a prorated share of the applicable voucher amount) from the Vehicle Purchaser and/or bar the Vehicle Purchaser from receiving future vouchers if it does not provide timely and accurate Program Semi-Annual Usage Reports for the required three-year term, as specified in the Vehicle Purchaser Participation Agreement.

### 2.3.3 Special Terms for Transit Buses

Eligible New York State transit bus operators that would like to participate in the Program may choose to:

- Purchase a new BEV transit bus without Scrapping an older bus, and receive a voucher incentive up to the limits listed in Table 6, or
- Scrap an existing diesel-powered transit bus with an engine model year 1992–2009 in accordance with the requirements described in Section 3.2, and replace it with a new BEV or

FCEV transit bus. The eligible government entity can receive a voucher incentive up to the limits listed in Table 3.

The following conditions apply to all Transit buses:

- Transit buses eligible for replacement include diesel-powered Class 4-8 transit buses with an engine model year of 2009 or older.
- Government-owned transit buses proposed for replacement must have been owned by an eligible New York State authority or municipality (see Table 9) for at least the previous 24 months. The eligible authorities and municipalities must provide documentation (i.e., NYS registration) that this requirement is met.
- Eligible authorities and municipalities must certify that the transit bus to be replaced is in operation and has been part of the active fleet for at least the previous 24 months. A transit bus that is part of a contingency fleet, or considered a spare bus, is not eligible for funding under this program. The eligible authorities and municipalities must provide documentation (i.e., service records) that this requirement is met.
- Transit buses receiving voucher incentives must be of the same or one lower weight class, be of similar or lesser length and passenger capacity, and have similar or lower horsepower rating as the diesel-powered bus being scrapped.
- Replacement buses must be domiciled within, or within 0.5 miles of, a Disadvantaged Community (see maps at [nyserderda.ny.gov/ny/disadvantaged-communities](https://nyserderda.ny.gov/ny/disadvantaged-communities)), or the transit operator must identify proposed operational route(s) for the buses that serve one or more Disadvantaged Community.<sup>7</sup>
- Transit buses receiving voucher incentives must average no less than 15,000 miles per year during the five-year in-service period.
- NYTVIP vouchers may only be combined with additional competitive funding sources to equal a maximum of 100% of the Incremental Cost of the replacement vehicle. NYTVIP vouchers can be combined with regular, noncompetitive federal funding (e.g., FTA Formula Grant 5307 and 5311 programs) that fund ordinary vehicle replacement. Federal Low-No funds cannot be used in combination with the NYTVIP voucher.
- When submitting a voucher application, Contractors must indicate whether their customer plans to combine NYTVIP funding with other funding sources, and if so, which programs. Replacement buses must be delivered to transit operators on or after August 1, 2019 to be considered eligible for funding under this program.
- Buses must have a battery warranty of at least 5 years and 300,000 miles.
- Battery leases will be considered on a case-by-case basis and will be approved at the sole discretion of NYSERDA.

- Vouchers must be redeemed within 18 months of the voucher approval date. Contractors can apply for a six-month extension, which will be approved at the sole discretion of NYSERDA. Vouchers that are not fully redeemed within a 24-month maximum period will be canceled.
- Replacement buses receiving incentive levels shown in Table 3 must be domiciled within, or within 0.5 miles of, a disadvantaged community, or the transit operator must identify proposed operational route(s) for the buses that serve one or more disadvantaged community.<sup>8</sup>

Note that the Program does not provide transit bus replacement funding for fuel types other than electricity or hydrogen (e.g., BEV or FCEV).

Table 9. List of transit operators eligible for the incentive levels listed in Table 3

Broome County Transit	Greater Glens Falls Transit	Rochester-Genesee Regional Transit Authority*
Capital District Transportation Authority*	Huntington Area Rapid Transit	Suffolk County Transportation*
Central New York Regional Transportation Authority	The City of Long Beach, Department of Transportation	Tompkins Consolidated Area Transit
Chemung County (C Tran)	Nassau Inter-City Express	Transport of Rockland
Clinton County Public Transit	Niagara Frontier Transportation Authority*	Ulster County Area Transit
Dutchess County Public Transit	Port Authority of New York and New Jersey	Westchester County Bee-Line Bus System*

*\* In February 2020, \$16.7 million was made available (Round 1) for all of the above-listed transit agencies to procure electric transit buses. Agencies must have submitted voucher applications on or before August 18, 2021 to access Round 1 transit funding. In December 2020, an additional \$16.4 million was released (Round 2) for five transit operators (indicated above by \*) to procure electric transit buses; **these five agencies must submit voucher applications on or before August 18, 2024 to access Round 2 transit funding.***

### 2.3.4 Special Terms for School Buses

The following provisions govern the disbursement of all voucher funds for eligible school bus fleets:

- School buses eligible for replacement are diesel-powered Class 4-8 school buses used exclusively for transporting pupils in any grade between preschool and Grade 12 with an engine model year of 2009 or older.
- School buses proposed for replacement must be owned by either:
  - A New York State public school district.; or
  - A contractor under contract with a New York State public school district.; or



- An eligible private school (or contractor under contract to an eligible private school). Private schools must provide New York State Education Department-approved services for New York State resident children attending preschool to grade 12.
- School buses proposed for replacement must be registered within New York State for at least 24 of the previous 27 months and operated for at least 2,500 miles annually over at least one of the last two years. The eligible school district, contractor, or private school must provide documentation (i.e., NYS registration(s) and service records) that these requirements have been met.
- School buses receiving voucher incentives must average no less than 8,000 miles per year during the five-year in-service period.
- New replacement school buses must operate 95% within New York State and 70% within the identified school district(s).
- New all-electric school buses are required to have a minimum electric range of 100 miles.
- New all-electric school buses are required to have a vendor-supplied battery warranty of at least 60 months or 75,000 miles.
- New all-electric school buses are required to include manufacturer/vendor repair support to occur within 48 hours of a repair request.
- Funding may not be used toward the purchase and/or installation of fossil-fueled auxiliary heaters. Eligible school districts, contractors, or private schools may install auxiliary heaters at their own cost; however, fuel use and estimated CO2 emissions from auxiliary heaters must be reflected within Semi-Annual reports.
- NYTVIP funds cannot be combined with funds from the U.S. EPA's Diesel Emissions Reduction Act (DERA) School Bus Rebate Program. More information on DERA is available at [nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P101030H.pdf](https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P101030H.pdf) (p. 27).
- The following requirements supersede the 25% maximum use of each fund source as described in section 1.2.
  - No more than five school buses will be funded within a given school district (e.g., school district owned, contractor operated within a given school district), and no more than 20 school buses will be funded within New York City.
  - No more than two school buses will be funded within a given private school, including contractor-owned school buses operating for the private school.
  - No more than 12 school buses will be funded for a single contractor provided the requirements above are also achieved. For example, an Upstate-based school bus contractor, under exclusive contract with four school districts, can only receive funding for a maximum of 12 buses (i.e., not every school district would be able to receive incentives for five buses).

The following additional requirements must be met for eligible school bus fleets to receive incentives listed in Table 4:

- All-electric replacement school buses must be domiciled within, or within 0.5 miles of, a Disadvantaged Community (see maps at [nyserdera.ny.gov/ny/disadvantaged-communities](https://nyserdera.ny.gov/ny/disadvantaged-communities)), or the transit operator must identify proposed operational route(s) for the buses that serve one or more Disadvantaged Community.<sup>9</sup> The school district, contractor, or private school must identify proposed operational route(s) for NYSERDA approval as part of the application process. Any proposed changes to NYSERDA-approved route(s) during the first five years of funded electric school bus operation must be submitted to NYSERDA and DEC for approval prior to being relocated. Applicants may propose alternate routes within the original application.
- All-electric school bus incentives will be equally (50% ±5%) distributed between the nine New York Metropolitan Area (NYMA) counties (Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, and Westchester) and the Upstate geographic area (non-NYMA, 53 counties).
- New CNG and propane-fueled school buses must have engines certified to the 0.02 g/bhp-hr NOx standard.

### 2.3.5 Special Terms for Non-Road Port Cargo Handling Equipment

The following provisions govern the disbursement of voucher funds to eligible new or repowered non-road port cargo handling equipment (CHE) fleets to receive incentives listed in Table 5:

- CHE eligible for replacement include in-use, non-road diesel-powered cargo handling equipment equipped with Tier 0 or Tier 1 diesel engines.
- The applicable CHE owners/operators must certify that the existing CHE to be replaced is fully functional; has been operated for at least 700 hours a year for at least one of the last two years at an eligible New York State port; and is domiciled within, or operated within a half-mile of, a disadvantaged community.<sup>10</sup>
- The CHE owner/operator must obtain coverage under the U.S. Longshore and Harbor Workers' Compensation Act and/or Jones Act policy if the operation involves work on or near a shoreline, as applicable. (Documentation to be provided as part of the voucher redemption.)
- Unless with written approval from NYSERDA, any funded all-electric CHE must average no less than 700 hours/year during the five-year in-service period and be located and operated exclusively at the approved New York State port.
- All-electric non-road CHE replacement projects funded through the Program must be domiciled within or operated within a half-mile of a disadvantaged community and located at an eligible port within the New York Metropolitan Area (NYMA) counties (Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, and Westchester).<sup>11</sup>
- Electric motors associated with eligible repowered non-road CHE must have a minimum warranty of at least five years.
- Batteries for new or repowered eligible CHE must have a minimum warranty of at least five years.

# 3 Voucher Application and Redemption

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Approved Contractors are authorized to market the Program incentives to Fleets and to submit applications for voucher funds when sales of eligible vehicles are made.

## 3.1 Voucher Application Process

The voucher application process consists of three steps: voucher application, NYSERDA application review, and NYSERDA approval notification.

### 3.1.1 Voucher Application

The Contractor works with the Vehicle Purchaser to complete the voucher application process. In the NYSERDA Portal, the Contractor will complete the following:

1. Create a new application and enter contact information for the Contractor and Fleet
2. Enter domicile address(es)
3. Select eligible vehicle(s) to be sold
4. Enter details of new vehicle(s) and vehicle(s) to be scrapped (a downloadable checklist of the required information can be found on the Program website)
5. Agree to Program terms and conditions
6. Upload the following documents:
  - Signed Vehicle Purchaser Participation Agreement
  - Signed Vehicle Operator Addendum (if the vehicle purchaser leases the vehicle to a different entity)
  - Buyer's Order for new vehicle(s) (vehicle purchase order/lease agreement) (may be provisional)
  - Copy of current vehicle registration for vehicle to be scrapped (if applicable)
  - Fleet certification letter
  - Photos of vehicle to be scrapped (minimum image size of 1200 x 1800 pixels or 4 x 6 inches)
    - Front of vehicle to be scrapped, clearly showing license plate and entire height/width of vehicle
    - Photo of engine tag for engine to be scrapped, clearly showing engine family and engine serial number<sup>12</sup>
    - Photo of side of vehicle to be scrapped, clearly showing the official DOT federal ID number and any unique identifiers such as a truck or bus #
    - Intact chassis (side photo that shows the whole length of the truck)
7. Submit the application

### 3.1.2 NYSERDA Voucher Application Review

NYSERDA and the VHC review the voucher application for eligibility, accuracy, and completeness. If the voucher application is incomplete or inaccurate, NYSERDA or the VHC will notify the Contractor that they must resubmit the required information. The voucher application will be rejected if the information is not corrected within 30 business days after the initial request. A rejected voucher application can be resubmitted.

### 3.1.3 NYSERDA Voucher Approval Notification

Once NYSERDA determines the voucher application is complete and meets all applicable requirements, NYSERDA will notify the Contractor of voucher approval and reserve funds for the vehicle purchase. The voucher is valid for 12 months (or 18 months for transit buses), after which it may be canceled. Prior to the expiration, the Contractor may request an extension of the voucher for six months (see Section 3.3.1) by emailing a request to the VHC at NYTVIP@energycenter.org that verifies the expected delivery date of the vehicle, such as a line setting ticket from the vehicle manufacturer that shows the expected completion date.

## 3.2 Vehicle Scrappage

To guarantee that voucher-supported vehicle projects result in material and verifiable emissions reductions and local air quality improvements, NYTVIP generally requires that voucher-supported vehicle purchases be accompanied by a corresponding scrappage of a vehicle with a diesel engine model years 1992 through 2009. Vehicles with alternative fuel powertrains, including diesel-electric hybrid powertrains, are not eligible to be scrapped. Only approved public transit providers receiving vouchers consistent with incentive levels listed in Table 6 may be exempt from the Scrappage requirements (see Section 2.3.3).

Scrappage must be performed by a participating vehicle dismantler; a current list of participating vehicle dismantlers is available on the Program website. Scrappage is a required step in the voucher redemption process. Failure to comply with all Scrappage requirements will result in non-payment of the voucher incentive to the Contractor. Contractors and Vehicle Purchasers should be aware that NYSERDA is not responsible for any voucher incentive payments to the Contractor if the scrappage requirements are not met. Vehicle Purchasers should also be aware that, depending on the contractual agreement between the Contractor and the Vehicle Purchaser, failure to meet the scrappage requirements may result in the Vehicle Purchaser being required to pay the full (unreduced) price of the new vehicle to the contractor.

Vehicle Purchasers must arrange for vehicle scrappage and provide the Contractor with the date of scheduled scrappage before they can take delivery of the new vehicle(s). Scrappage can occur any time after approval of a voucher application but it must be completed with all documentation submitted to the Contractor within 21 days of taking delivery of the new vehicle(s). Replacement vehicle projects must comply with the scrappage requirements as outlined in the following section. Repowered vehicle projects must comply with modified scrappage requirements, which are outlined in Section 2.1.2.2.

### 3.2.1 Scrappage Definition

A vehicle is considered Scrapped when rendered inoperable and available for recycle, by cutting a three-inch hole in the engine block and disabling the chassis by cutting the vehicle's frame rails completely in half.

- To destroy the engine: Cut or drill a minimum three-inch hole through the engine block.
- To destroy the chassis: Cut or shear both the chassis rails between the two axles (not applicable to Repowered Vehicles).

The vehicle must arrive at the scrappage location with the chassis attached, the engine intact, and in drivable condition and its registration still valid. Do not remove anything from the truck except for personal items. The Program cannot process vouchers until the scrappage is satisfactorily completed and photographed. Failure to comply with scrappage requirements will result in the rejection of a voucher redemption submission.

### 3.2.2 Scrappage Requirements

The following documents are required to be submitted to NYSERDA as part of the scrappage process:

1. The completed NYTVIP Vehicle Scrappage Certification (to be completed by contractor, vehicle purchaser, and participating vehicle dismantler)
2. "Before" photos of the vehicle being scrapped (minimum image size of 1200 x 1800 pixels or 4 x 6 inches)
  - Side of the vehicle: A photo of the entire side of the vehicle, showing any unique identifiers like a truck or bus number.
  - Vehicle engine: A photo of the vehicle engine from a few feet back that includes some of the truck or bus color.
  - VIN plate: A photo of the Vehicle Identification Number (VIN) plate that clearly shows the entire VIN.
  - Engine tag: A photo of the engine tag that includes the engine serial number. The engine serial number must be legible.
3. "After" photos of the vehicle being scrapped (minimum image size of 1200 x 1800 pixels or 4 x 6 inches)
  - Engine destruction: A close-up photo of the three-inch hole cut or drilled in the engine with the NYTVIP-supplied sticker clearly visible.
  - Engine destruction: A photo of the three-inch hole cut or drilled into the engine block with the NYTVIP-supplier sticker from a few feet back that shows some of the color of the truck or bus.
  - Area of the cut chassis: A close-up photo of the cut chassis that shows some of the color of the truck or bus. This step does not apply to repowered vehicles.

- Destroyed vehicle: A photo of the scrapped vehicle from the side, showing the cab, and the front and rear axle. The DOT number or unique truck/bus number should be visible in the photo, and the chassis should be clearly cut in half, with the hood open to display the destroyed engine. The engine hole does not need to be visible in this distance photo. This step does not apply to Repowered vehicles.

Scrappage must be performed by a participating vehicle dismantler. Eligible vehicle dismantler facilities may be located across New York State and adjacent states to facilitate convenient scrappage. URM with eligible vehicle models that replace diesel engines with all-electric or alternative fuel systems shall be considered eligible vehicle dismantlers. Additional guidance for vehicle scrappage may be found on the Program website. Both the approved participating vehicle dismantler and the vehicle owner will be required to sign and submit certifications that the scrappage was performed in accordance with Program rules.

The Vehicle Purchaser shall acknowledge that they may be responsible to the Contractor for the value of the voucher if they fail to complete the Scrappage requirement within a 21-day period after vehicle delivery and acceptance by the Vehicle Purchaser or Vehicle Operator.

### 3.3 Voucher Redemption Process

Once a vehicle has been purchased and delivered, the remaining unpaid balance (if any) has been paid by the Vehicle Purchaser, a corresponding vehicle scrappage has been completed (if required), and the purchased vehicle is ready to be placed into service, the Contractor may complete the voucher redemption process. The Contractor completes the voucher redemption process by returning to the NYSERDA Portal and submitting additional required documentation, including documentation on the vehicle that was scrapped. It is strongly encouraged that the Contractor ensure the scrappage of the old vehicle is completed prior to initiating the voucher redemption process.

#### 3.3.1 Voucher Redemption Process Steps

1. Once a voucher application has been approved, the Contractor will receive an email approving the voucher. Once the vehicle has been delivered to the Vehicle Purchaser and the old vehicle has been scrapped, the Contractor may redeem a voucher. To redeem a voucher, the Contractor returns to the NYSERDA Portal and selects the appropriate project for the voucher it wishes to redeem. A voucher may include multiple vehicle purchases for the same Fleet; each vehicle will constitute its own “milestone” within the redemption process for a given voucher. Contractors may request payment for some or all vehicles that are part of a single voucher at a time. Contractors should review the checklist—available through the NYSERDA Portal and the Program website—of required information and documentation they will need to submit for voucher redemption and collect any required information and documentation from the vehicle purchaser they don’t already have.

2. The Contractor supplies additional vehicle information:
  - New vehicle license plate number
  - New vehicle VIN
  - New vehicle engine/motor serial number
  - Date of old vehicle Scrappage
  - Date new vehicle was placed in service
3. The Contractor is required to upload the following documentation:
  - Signed Vehicle Operator Addendum (if the vehicle purchaser leases the vehicle to a different entity)
  - Signed final invoice/vehicle purchase order – must show the final purchase price less the voucher amount and any other additional incentive funding
  - Financial documentation (proof of payment) – copy of check, money/wire transfer, or financial arrangements identifying the lien holder and indicating terms of lease
  - NYS Department of Motor Vehicles Registration or Vehicle Registration / Title Application (form MV-82) for New vehicle
  - Factory Build Sheet, clearly indicating VIN and GVWR
  - Copy of NYS vehicle registration for Scrapped vehicle (if applicable) showing active registration at the time of Scrappage
  - Photos of new vehicle (vehicle from left side showing entire length and DOT federal ID number, engine/motor tag, VIN tag, odometer reading, and front showing plates and full weight/width of vehicle)
  - Photos of Scrapped vehicle (VIN tag, engine block with three-inch hole and NYTVIP-supplied sticker, disabled chassis cut in half)
  - Completed NYTVIP Vehicle Scrappage Certification
  - Additional documentation (see Section 3.2.2) showing full compliance with the Scrappage process.

*Note: A significant amount of the information required to redeem a voucher will need to be supplied by the Vehicle Purchaser. The Contractor is responsible for obtaining this documentation from the Vehicle Purchaser. If the Contractor cannot provide the documentation required to redeem a voucher, even if such documentation is unavailable through no fault of the Contractor, no payment will be made on the voucher. It is recommended that Contractors consider this obligation when entering into purchase contracts with Vehicle Purchaser to ensure their ability to receive this documentation from the Vehicle Purchaser.*

4. NYSERDA and the VHC will review the submitted information for completeness and eligibility. The review includes verifying whether the Vehicle Purchaser and delivered vehicle information match those listed on the voucher. If the voucher redemption submission is

deemed complete and valid, NYSEDA will approve the submission. NYSEDA will then inform the Contractor of voucher redemption approval. If the voucher redemption submission is incomplete or inaccurate, NYSEDA will inform the Contractor of incomplete or inaccurate redemption documentation and the Contractor will have seven calendar days to correct, complete, and resubmit the documents for approval.

**If Voucher Redemption is Denied:** If a voucher redemption submission is denied, NYSEDA or the VHC will respond by email detailing the reasons that disqualify the voucher redemption submission.

**Appeals for Voucher Redemption Denials:** NYSEDA will consider appeals to the denial of a voucher incentive application on a case-by-case basis and at its sole discretion. To submit an appeal, contact the VHC. NYSEDA is in no way obligated to consider an appeal.

5. Within 30 calendar days of NYSEDA approval of the Voucher Redemption submission, NYSEDA will pay the voucher amount to the Contractor, in accordance with the Prompt Payment Policy (see Section 3.4), also described in Exhibit B to the Contractor Participation Agreement (see Program website).

### 3.3.2 Voucher Extension

A voucher must be redeemed within 12 months (18 months for transit bus projects) of the voucher approval date as shown in the email the Contractor receives when the voucher application is approved. At any point within that period, a Contractor may request a voucher extension by sending an email, with supporting documentation such as a line setting ticket from the vehicle manufacturer that shows the expected completion date, to the VHC. The email should indicate the expected date of vehicle delivery. A copy of the current registration and DOT inspection report may also be requested to ensure the vehicle to be scrapped is still in service. Voucher extensions are available for up to an additional six months (180 days). No more than one extension will be granted per voucher. A voucher that is not extended or redeemed within 12 months (18 months for transit bus projects) will be deemed expired and canceled. Six-month extensions may be granted solely at NYSEDA's discretion and are not guaranteed to be approved. If granted, the voucher extension approval the Contractor receives via email from the VHC will contain the voucher's new expiration date, no later than 18 months (24 months for transit bus projects) from the date of original voucher approval. The Contractor is responsible for awareness of this date. If a voucher is not redeemed and is canceled, a Contractor may reapply to NYTVIP for the same vehicle with a new voucher application if the vehicle has not yet been delivered, subject to the availability of funds.



## 3.4 Voucher Payment Process

Vouchers will be issued to Contractors via electronic payment. To sign up for electronic payment, Contractors must complete the form at [nyserda.seamlessdocs.com/f/EFTForm](https://nyserda.seamlessdocs.com/f/EFTForm). Per NYSERDA's Prompt Payment Policy, payments to Contractors can be expected within 30 days of voucher redemption approval.

A voucher will not be issued if the Vehicle Purchaser returns the vehicle prior to the voucher payment being issued. Contractors must notify the VHC if a vehicle is returned and request the voucher be canceled.

Furthermore, NYSERDA reserves the right to seek reimbursement from the Contractor if the Vehicle Purchaser returns the vehicle to the Contractor within 30 days of voucher payment.

# Appendix A. Funding Source Rules

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The total funding for NYTVIP as of October 2021 is \$58.3 million. The Program may add additional funds and eligible vehicle types over time. The Program is currently funded by federal Congestion Mitigation and Air Quality Improvement (CMAQ) funds administered by the DOT and the Volkswagen Settlement agreement administered by the DEC. The Program rules have been designed to be consistent with the rules established by these funding sources and apply to all projects. NYSERDA will decide the source of funding for a specific voucher at its sole discretion.

## CMAQ Funding

The CMAQ program provides funding to support air quality improvements from mobile sources in areas that are or were designated as non-attainment for certain federal air quality standards.

- CMAQ funding can currently support battery electric vehicle projects in weight classes 3 through 8, but is limited to vehicles to be domiciled in, or have at least 70% of the total vehicle miles operate in New York State counties that are either in non-attainment or maintenance status with respect to [National Ambient Air Quality Standards \(NAAQS\)](#) for any of the major criteria air pollutant categories (see Table 7).
- These funds are subject to domestic content requirements of the [Buy America provisions](#) applicable to Federal Highway Administration (FHWA) for vehicles, which require 100% of steel, iron, and manufactured products to be produced in the United States; the lone current exception, under the terms of a Buy America waiver granted to DOT for this Program, is for Class 3-8 Electric Vehicles for which final assembly is performed in the United States. Class 3-8 Electric Vehicles are subject to requirements for significant final assembly within the US.
  - All manufacturers must specify the origin of the chassis that will be used for vehicles as part of the vehicle eligibility review.
  - The location of the vehicle's Final Assembly must be provided, as well as the listing of the individual components that are installed during final assembly.
  - The listing of the final assembly components must also include the value of the components involved in final assembly to enable comparison to the total vehicle cost. NYSERDA will review the listing as well as the assembly process of each vehicle as a whole and determine whether Buy America requirements have been met.
  - For vehicles with imported chassis from a foreign country, on-site inspection of at least the first five vehicles acquired through NYTVIP will be required for manufacturers using imported chassis.

## Volkswagen Settlement Funding

The DEC VW Settlement program intends to remedy the excess air pollution emitted from Volkswagen's diesel cars in New York State as a result of their implementation of "defeat devices" to evade regulations on emissions of oxides of nitrogen (NOx), a harmful pollutant that leads to smog formation.

VW funding can potentially support clean transportation projects that fit within 10 eligible mitigation action categories established by VW Settlement and further defined within New York State's [Clean Transportation NY plan](#); currently the categories being implemented through NYTVIP are Item 1 (Class 8 Local Freight Trucks), Item 2 (Class 4-8 School and Transit Buses), Item 6 (Class 4-7 Local Freight Trucks), and Item 8 (Port Cargo Handling Equipment).

- Funding can generally be used anywhere in New York State, but vehicle projects must be matched one-for-one with the verified retirement and Scrappage of a diesel engine from 1992 through 2009 and associated vehicle chassis to ensure that NOx pollution is definitively removed from the transportation system. Scrappage vehicles must have been registered in New York for the previous two years and must satisfy the minimum usage requirements outlined in Table 8.
- Additional VW funding for diesel truck replacements operating in New York City Industrial Business Zones, separate from this Program, has been provided to the New York City Department of Transportation to support the NYC Clean Trucks Program.
- In total, no more than 33% of the VW funds provided to this Program can be spent on non-EV technologies (i.e., PHEV, HEV, CNG, propane).

NYSDOT shall allocate voucher amounts from one or both funds based on project features and at its sole discretion; Contractors are not permitted to determine which funding source will apply to a project.

With the exception of Non-Road Port Cargo Handling Equipment, no Vehicle Purchaser or Vehicle Operator may receive more than 25% of the total available funds under each of the funding categories in the NYTVIP. If additional funding is added to the Program, a Vehicle Purchaser or Vehicle Operator that has already met this threshold may request additional vouchers for up to 25% of the new total funding category amount.<sup>13</sup> A single Vehicle Purchaser or Vehicle Operator may receive the total available funds for Non-Road Port Cargo Handling Equipment.

# End Notes

1 <https://www.dec.ny.gov/public/911.html>

2 <https://esd.ny.gov/opportunity-zones>

3 The final voucher amount for each Eligible Vehicle is subject to project-specific information, such as Domicile address, and the availability of funding.

4 Fleets, including but not limited to entities sharing a common Taxpayer Identification Number (TIN), are considered a single Vehicle Purchaser even if they are part of different subsidiaries, divisions, or other organizational structures of a company, government agency, or other entity. NYSERDA or its designee may seek financial reimbursement or other remedies from a Vehicle Purchaser for non-disclosure or inaccurate disclosure of its TIN, ID#, or other information relating to common ownership or fiduciary control of the purchasing entity.

5 For more information on the NYC Clean Trucks program, visit <https://www.nycctp.com/>.

6 New York City, Suffolk, Nassau, Westchester, and Rockland Counties

7 To locate Disadvantage Communities in New York State, visit [nyserderda.ny.gov/ny/disadvantaged-communities](https://nyserderda.ny.gov/ny/disadvantaged-communities).

8 To locate Disadvantaged Communities in New York State, visit [nyserderda.ny.gov/ny/disadvantaged-communities](https://nyserderda.ny.gov/ny/disadvantaged-communities).

9 To locate Disadvantaged Communities in New York State, visit [nyserderda.ny.gov/ny/disadvantaged-communities](https://nyserderda.ny.gov/ny/disadvantaged-communities).

10 To locate Disadvantaged Communities in New York State, visit [nyserderda.ny.gov/ny/disadvantaged-communities](https://nyserderda.ny.gov/ny/disadvantaged-communities).

11 To locate Disadvantaged Communities in New York State, visit [nyserderda.ny.gov/ny/disadvantaged-communities](https://nyserderda.ny.gov/ny/disadvantaged-communities).

12 Voucher Applications must include an engine tag photo but may still be conditionally approved if engine tag is illegible. If engine tag is illegible or missing, Fleet or Contractor must request replacement tags from the engine manufacturer in order to complete Voucher Redemption.

13 Fleets, including but not limited to entities sharing a common Taxpayer Identification Number (TIN), are considered a single Vehicle Purchaser even if they are part of different subsidiaries, divisions, or other organizational structures of a company, government agency, or other entity. NYSERDA or its designee may seek financial reimbursement or other remedies from a Vehicle Purchaser for non-disclosure or inaccurate disclosure of its TIN, ID#, or other information relating to common ownership or fiduciary control of the purchasing entity.



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

17 Columbia Circle  
Albany, NY 12203-6399

**toll free:** 866-NYSERDA  
**local:** 518-862-1090  
**fax:** 518-862-1091

[info@nyserda.ny.gov](mailto:info@nyserda.ny.gov)  
[nyserda.ny.gov](http://nyserda.ny.gov)



NY-Sun Residential/Nonresidential Incentive Program  
Program Opportunity Notice (PON) 2112  
September 30, 2021

**NY-Sun Residential & Nonresidential Incentive Program  
NY-Sun Project Applications and Contractor Applications  
Accepted August 12, 2010 through December 31, 2025  
By 3:00 PM Eastern Time**

The New York State Energy Research and Development Authority (NYSERDA) provides financial incentives and financing options for the installation by Contractors and Builders of new grid-connected solar electric photovoltaic (PV) systems for residential sites in any region that are 25kW or less, for nonresidential sites in Upstate and PSEG Long Island regions that are up to 750kW, and for nonresidential sites in Con Ed region that are up to 7.5MW. Incentives for nonresidential sites in Upstate region that are ranging from 750kW to 7.5MW are available through the Commercial/Industrial Program (PON 3082). Funding for the NY-Sun Incentive Program ("Program") has been allocated by the New York State Clean Energy Fund (CEF) and Regional Greenhouse Gas Initiative (RGGI) and the Order Authorizing the Clean Energy Fund Framework, dated January 21, 2016. An Order, dated May 14, 2020, authorizes additional CEF funds to achieve the expanded goal of 6GW by 2025.

Incentives will be granted on a first-come, first-served basis, and PV project applications will be accepted through December 31, 2025, or until funds are fully committed, whichever comes first. Total incentives and/or financing available is subject to change. NYSERDA reserves the right to extend and/or add funding to the solicitation should other program funding sources become available.

Information on the MW block design, including real-time data on the current incentive levels for Upstate can be found by visiting [nyserderda.ny.gov/upstate-dashboard](https://nyserderda.ny.gov/upstate-dashboard) and for Long Island at [nyserderda.ny.gov/LI-dashboard](https://nyserderda.ny.gov/LI-dashboard), and for Con Ed at [nyserderda.ny.gov/coned-dashboard](https://nyserderda.ny.gov/coned-dashboard).

Additional incentives for solar PV installations are available for residential customer households who qualify as low-to-moderate income. The additional incentive provides a standard incentive of \$0.80/W in Upstate and Long Island regions and \$0.40/W in Long Island region, if available.

Additional incentives for solar PV installations paired with an energy storage system are available for residential customer households in PSEG Long Island region. A higher incentive rate is available for residential customer households in PSEG Long Island region who qualify as low-to-moderate income.

Additional incentives for solar PV installations are available for nonresidential projects serving multifamily affordable housing properties, projects located on a brownfield or landfill, parking solar canopies, rooftop solar canopies and Community Distributed Generation (CDG) solar projects that did not qualify for a Market Transition Credit (MTC) under the Value Stack. The Inclusive Community Solar Adder (ICSA) is also available for nonresidential CDG solar projects serving low-to-moderate income (LMI) subscribers, affordable housing, and other facilities serving disadvantaged communities.

Funding for additional incentives is available until exhausted. If MW block standard funding is exhausted prior to additional incentives, the additional incentives will continue at the standard incentive amount in place at time the MW block incentive was exhausted, until the funding for the additional incentive is exhausted as well.

**PV project application submission:** Eligible Contractors and/or Builders must submit completed and signed

Project Application package into the NYSERDA Portal, the Program database, as detailed in the Program Manual.

**Contractor Eligibility Application submission:** Potential Contractors and/or Builders may apply on-line at: [https://nyserda-portal.force.com/CORE\\_CONAPP\\_Program\\_Page](https://nyserda-portal.force.com/CORE_CONAPP_Program_Page), or submit one [1] clearly labeled, completed and signed Contractor Application package to:

**Contractor Application PON 2112**  
**Attn: Program Manager**  
**NYS Energy Research and Development Authority**  
**17 Columbia Circle**  
**Albany, NY 12203-6399**  
**Or by email to [PVprocessing@nyserda.ny.gov](mailto:PVprocessing@nyserda.ny.gov).**

Contractor Application questions may be sent to [PVprocessing@nyserda.ny.gov](mailto:PVprocessing@nyserda.ny.gov). Please reference PON 2112 when contacting NYSERDA with questions.

All Contractual questions should be directed to Venice Forbes at (518) 862-1090, ext. 3507 or [venicesolicitations@nyserda.ny.gov](mailto:venicesolicitations@nyserda.ny.gov). All Technical questions should be directed to [PVprocessing@nyserda.ny.gov](mailto:PVprocessing@nyserda.ny.gov).

Applications will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSERDA's website at <a href="http://www.nyserda.ny.gov">www.nyserda.ny.gov</a> .
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## What is the NY-Sun Incentive Program?

The New York State Energy Research and Development Authority (NYSERDA) provides financial incentives and financing options for the installation by Contractors and Builders of new grid-connected solar electric photovoltaic (PV) systems for residential sites in any region that are 25kW or less, for nonresidential sites in Upstate and PSEG Long Island regions that are up to 750kW, and for nonresidential sites in Con Ed region that are up to 7.5MW. Incentives for nonresidential sites in Upstate region that are ranging from 750kW to 7.5MW are available through the Commercial/Industrial Program (PON 3082). Funding for the NY-Sun Incentive Program (“Program”) has been allocated by the New York State Clean Energy Fund (CEF) and Regional Greenhouse Gas Initiative (RGGI) and the Order Authorizing the Clean Energy Fund Framework, dated January 21, 2016. An Order, dated May 14, 2020, authorizes additional CEF funds to achieve the expanded goal of 6GW by 2025.

Incentives will be granted on a first-come, first-served basis and applications will be accepted through December 31, 2025, or until funds are fully committed, whichever comes first.

## How Does the Program Work?

### Standard Incentive

Cash incentives and/or financing is available for qualified customers who wish to install PV systems through applications submitted by a Participating Contractor. A Participating Contractor has signed a Participation Agreement (with NYSEDA, agreeing to abide by Program terms and conditions). The Participating Contractor have established relationships with Builders. Contractors are responsible for the quality of the builders. Builders are responsible for the installation and quality of project. Builders are responsible for maintaining a credentialed person on-staff.

A detailed description of the Program and the terms and conditions under which it operates is provided in the NY-Sun Incentive Program Manual available at <http://www.nyserda.ny.gov/solar-contractor-resources>.

Incentives are paid directly to the Contractor and must be applied in full to the cost of the PV system, thereby reducing the out-of-pocket cost to the customer.

A Builder must have demonstrated technical competence in the PV field and the Contractor/Builder is responsible for preparing and submitting all necessary project application and incentive paperwork to NYSEDA. A Builder must employ an individual who meets one of the three paths. The current three eligibility paths for Individuals are:

- North American Board of Certified Energy Practitioners (NABCEP): installers choosing this path must be NABCEP certified Solar PV Installers within 24 months of entering the PON 2112 Program to retain their eligibility.
- IBEW-NECA: Installers who are Journeymen Electrician with IBEW-NECA PV training, and meet all other program requirements may gain and retain eligibility.
- UL (Underwriters Labs): Installers who choose to become credentialed through the UL must fulfill the following requirement as a prerequisite to participate in the Program: Be certified by UL as a PV System Installer

More information on how to become a Contractor can be found on the NY-Sun website at [nyserda.ny.gov/become-a-solar-contractor](http://nyserda.ny.gov/become-a-solar-contractor). In general, incentives for a typical residential or commercial system cover approximately 25-35% of the installed cost of a PV system.

In addition to financing that may be offered through a Contractor, the Program offers financing through Green Jobs-Green New York (GJGNY). Information on financing options, terms and qualification criteria can be found on NYSEDA’s web site at the following link: <http://www.nyserda.ny.gov/All-Programs/Programs/Residential-Financing-Options>

## Program Requirements

The following rules apply to the Program and the payment of incentives:



## Energy Efficiency Audit.

Residential Projects: A clipboard energy efficiency assessment must be performed. A clipboard assessment consists of two components: an interview of the home owners to determine energy-use habits and age of the home, and a home inspection to identify energy-saving opportunities. Certification an assessment has been completed must be indicated on the project application at time of submission. The inspection component of the assessment should take no more than 60 minutes. After the assessment, the results will be reviewed with the homeowner. A copy of the report will be left with the homeowner along with a list of Home Performance contractors and informational brochures detailing NYSERDA's energy efficiency programs. Customers will not be required to implement energy efficiency upgrades.

Nonresidential Projects: Building owners are given information on benchmarking tools, such as ENERGY STAR's portfolio manager benchmarking tool. If requested by the building owner, the contractor or builder will help input utility bill information in the tool to calculate an energy-use index and, where applicable, an ENERGY STAR score. Customers will not be required to benchmark or implement energy efficiency upgrades as a program prerequisite. Energy assessment completion must be indicated on the project application at time of submission. Any CDG project is exempt from the energy assessment requirements.

## Incentive highlights:

- Incentives are paid directly to "Contractor" but must be passed on in the full amount to the customer, unless a payment assignment has been identified for nonresidential projects. Incentives will not be provided directly to customers purchasing or installing PV systems.
- Incentives are only available for new equipment and PV systems that have not been installed (partially or completely) prior to being submitted to NYSERDA in accordance with the terms and conditions of this Program.
- Incentives for residential projects are capped based on a PV system size that does not exceed 110% of the total kWh consumption for the previous 12 months of electric usage. For residential new construction, systems must be sized not to exceed 110% of the calculated yearly projected kWh of electric usage.
- All potential PV system output losses associated with shading, system orientation, tilt angle, etc., must be analyzed and detailed for each PV System by the Contractor/Builder. If your system is shaded by trees, faces east or west, or is installed on a flat roof, the kWh output of your PV System will be less than ideal. All impacts on system output must be quantified and are considered during the review of project applications submitted by the Contractor/Builder. Incentives are reduced in proportion to output losses when losses from factors such as shading and orientation exceed 30%.
- The Program uses a MW Block incentive structure that is designed to provide certainty and transparency to the industry regarding incentive levels, accounts for regional market differences, provides a clear signal to industry that New York intends to eliminate cash incentives in a reasonable timeframe, and allows for the elimination of those incentives sooner in regions where the market conditions can support it, based on market penetration, demand, and payback. Information on the Program progress through the MW Blocks will be provided through a Dashboard. The Dashboard is an online, publicly facing tool that shows real-time progression in the current blocks, provides incentive levels and MW targets for subsequent blocks and provide details on the progress towards the overall NY-Sun Statewide PV initiative installed capacity goal of 6 GW.

## Limitation

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

## Additional Information

Available on the NY-Sun Website at [ny-sun.ny.gov](http://ny-sun.ny.gov).



## **Charge NY Drive Clean Rebate Program**

### **IMPLEMENTATION MANUAL**

**Last Updated: June 30, 2021**

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## 1.0 BACKGROUND

The **Charge NY Drive Clean Rebate Program** (Program) is an incentive program designed to accelerate the deployment of Plug-In Hybrid Electric, Battery Electric and Fuel Cell vehicles in New York State. By increasing the use of zero and low emission vehicles, this program benefits New York State by reducing harmful emissions and the transportation sector's dependence on petroleum. The New York State Energy Research and Development Authority (NYSERDA) developed the Program to provide rebates that reduce the cost of purchasing or leasing an eligible vehicle for use in New York State.

**Note to Applicants:** At the time a Dealer submits an application for a rebate, the most current version of the Implementation Manual and the Terms and Conditions signed by the Dealer and Vehicle Purchaser will apply.

This document, including Appendix A, Additional COVID-19 Terms and Conditions for all NYSERDA Agreement, constitutes the Implementation Manual for the Program. Definitions of key program parameters are located in the next section of the Manual.

### 1.1 PROGRAM OVERVIEW

The Program is a point-of-sale rebate program that reduces the cost of purchasing or leasing an eligible zero or low emission vehicle for New York State residents, businesses, and government entities (Vehicle Purchaser). Vehicle eligibility rules are defined in Section 3.3 of this Manual. The program requires that Dealers reduce the vehicle price by the full amount of the rebate at the point-of-sale, which immediately passes the full savings of the rebate on to the Vehicle Purchaser. Dealers must then apply for the rebate on behalf of the Vehicle Purchaser. NYSERDA issues the rebate directly to the participating Dealer in the form of a live check or electronic payment. Dealers that do not reduce the vehicle price by the full amount of the rebate at the point-of-sale may be suspended or barred from participating in the Program per NYSERDA's discretion.

Dealers are encouraged to promote the program through distribution of marketing materials and printed collateral for customers. NYSERDA will make materials available to Dealers that describe and promote the program, but Dealers shall not use NYSERDA's corporate name, logo, identity, any affiliation, or any related logo, without NYSERDA's prior written consent.

Important: Program requirements are determined by NYSERDA which, in its sole discretion reserves the right to make changes to Program elements such as, but not limited to, eligible vehicles, rebate amounts, vehicle price caps, Dealer requirements, and Vehicle Purchaser requirements.

### 1.2 PROGRAM CONTACTS

All Program questions should be directed to the Center for Sustainable Energy (CSE), the Program administrator:

**Center for Sustainable Energy  
109 S. 5th Street**

**Brooklyn, NY 11249**  
**Phone: 866-595-7917**  
**Email: [NYDriveClean@energycenter.org](mailto:NYDriveClean@energycenter.org)**

If CSE program staff are unable to resolve your issue and you need to speak with someone at NYSERDA, please contact the NYSERDA Project Manager:

**David McCabe**  
**Project Manager**  
**New York State Energy Research and Development Authority**  
**17 Columbia Circle**  
**Albany, New York 12203**  
**(518) 862-1090 ext. 3281**  
**(518) 862-1091 FAX**  
[David.mccabe@nyserda.ny.gov](mailto:David.mccabe@nyserda.ny.gov)  
[www.nyserda.ny.gov](http://www.nyserda.ny.gov)

## **2.0 DEFINITIONS**

**Battery Electric Vehicle (BEV)** is any vehicle that operates solely by use of a battery, or that is powered primarily through the use of an electric battery but uses a flywheel or capacitor that also stores energy to assist in vehicle operation. BEVs are not powered by gasoline at all. A BEV with a gasoline powered range extender is considered a PHEV.

**Buyer's Order** is the typical name for the official price contract that is agreed to and signed by the Dealer and the Vehicle Purchaser. This document details all of the discounts, trade-in value, and rebates that go into the final price of a vehicle. It is also commonly referred to as a purchase agreement or lease agreement.

**Charge NY Drive Clean Rebate Program (Program)** is a point-of-sale rebate program that provides rebates for the purchase or lease of zero emission vehicles in New York State. It is run by NYSERDA and administered by CSE.

**Dealer** is a new car dealership registered with the New York State Department of Motor Vehicles that operates in New York State.

**Fuel Cell Electric Vehicle (FCEV)** is a vehicle that is powered by a group of individual fuel cells, known as a fuel-cell stack. The stack is designed to contain enough cells to provide the necessary power for the automotive application. A fuel-cell stack produces power as long as fuel is available, similar to a conventional engine, but does so electrochemically rather than with combustion. The electricity generated by the fuel-cell stack powers the electric motor that propels the vehicle.

**New York State Energy Research and Development Authority (NYSERDA)** promotes energy efficiency and the use of renewable energy sources. NYSERDA advances innovative

energy solutions in ways that improve New York's economy and environment. NYSERDA is the state Authority in charge of the Program.

**Plug-in Hybrid Electric Vehicle (PHEV)** is a hybrid electric vehicle which:

- has zero-emission vehicle range capability,
- has an on-board electrical energy storage device with useful capacity greater than or equal to ten miles of Urban Dynamometer Driving Schedule (UDDS) range on electricity alone,
- is equipped with an on-board charger, and
- is rechargeable from an external connection to an off-board electrical source.

**Point-of-Sale** refers to the time at which the Vehicle Purchaser receives the benefit of the rebate; for the Program, it will be shown as a line item deduction on the official purchase or lease contract for an eligible vehicle.

**Program Effective Date** is March 21, 2017. This is the date the Drive Clean Rebate program launched.

**Vehicle Purchaser** is an individual, business, fleet, or government entity that purchases or leases a vehicle that is eligible for a rebate from the Program. A Vehicle Purchaser must be a resident of New York State (if an individual), be a New York State government entity or municipality, or be registered/licensed to do business in New York State and must affirm that they intend to domicile the vehicle in New York State.

**Vehicle Transaction Date** is the date that the vehicle is delivered and the sale is completed, as memorialized by the date on the New York State Department of Motor Vehicles (DMV) MV-50 form. The Vehicle Transaction Date must be on or after the program effective date.

## **3.0 PROGRAM ELIGIBILITY**

### **3.1 DEALER ELIGIBILITY**

To participate in the Program, Dealers must meet the following criteria:

1. Be a new car dealership registered with the New York State DMV,
2. Operate in New York State,
3. Offer for purchase or lease one or more of the eligible vehicles as defined in Section 3.3,
4. Become an authorized participant in the Program by submitting an application to NYSERDA and having it approved.

Applications for participation can be found at this URL: <https://nyserda.ny.gov/EV-Dealer-Sign-Up>

As part of the program application process, Dealers will provide contact information, enter their DMV facility number, and agree to the terms and conditions required for participating in the program. Dealers will be required to attend an annual training on how the Program works. The

trainings will be offered annually and one dealer personnel dedicated to submitting applications must attend at least one training session annually to maintain Program eligibility.

### **3.2 VEHICLE PURCHASER ELIGIBILITY**

To be eligible for a Program rebate, a Vehicle Purchaser must meet and agree to the following conditions in a signed copy of the Vehicle Purchaser Terms and Conditions available for download within the dealer portal:

1. Be a New York State resident, be a New York State government entity or municipality, or be registered/licensed to do business in New York State.
2. Purchase or lease a new eligible vehicle from a participating Dealer in New York State.
3. If purchasing the vehicle, retain ownership of the vehicle for at least 36 months from the date of purchase, unless given explicit prior written approval from NYSERDA to sell the vehicle; if leasing, have an original lease term of at least 36 months.
4. Register the vehicle with the New York State DMV with an address located within New York State for a minimum of 36 months from the date of purchase.
5. Allow NYSERDA or its designee to verify the vehicle identification number (VIN) and registration with the DMV.
6. Agree to maintain vehicle insurance as required by law.
7. Allow NYSERDA to share the vehicle model and the address where the vehicle will be domiciled with the electric distribution utility serving that location, for the purpose of informing the utilities' system planning efforts.
8. Agree to never modify the vehicle's emission control system, engine, engine hardware, software calibrations, or electric drive system.
9. Agree to participate in online surveys and other research efforts that support Program goals.
10. Agree to reimburse the dealer the full value of the rebate if it is discovered that the Vehicle Purchaser provided false or inaccurate information that results in the rebate being denied.

The Vehicle Purchaser Terms and Conditions must be signed by the Vehicle Purchaser for each application. If a Dealer copies or forges a Vehicle Purchaser signature, the Dealer will be immediately barred from participating in the Program.

### **3.3 VEHICLE ELIGIBILITY RULES**

Plug-in Hybrid Electric Vehicles (PHEVs), Battery Electric Vehicles (BEVs), and Fuel Cell Electric Vehicles (FCEVs) must at a minimum meet the following criteria to be eligible under the Program:

1. Have four wheels. No two or three wheel vehicles are allowed.
2. Are manufactured for use primarily on public streets, roads, and highways.
3. Have a powertrain that has not been modified from the original manufacturer's specifications.
4. Are rated at not more than eight thousand five hundred pounds gross vehicle weight.
5. Have a maximum speed capability of at least fifty-five miles per hour
6. Are propelled at least in part by an electric motor and associated power electronics which provide acceleration torque to the drive wheels sometime during normal vehicle operations, and that draws electricity from a hydrogen fuel cell or from a battery that

- a. Has a capacity of not less than four kilowatt hours
- b. Is capable of being recharged from an external source of electricity

A list of vehicle models that are eligible for a rebate will be available on the Charge NY website after the program effective date. This list will be updated regularly as new vehicles come to market.

In addition, the following programmatic rules apply to all vehicle purchases under the program. The vehicle must:

7. Be a new vehicle. See the following section for specific exceptions to this requirement.
8. Have never been the subject of a retail sale, or registered with the New York State Department of Motor Vehicles, or registered with the appropriate agency or authority of any other state, District of Columbia, territory or possession of the United States, or foreign State, province, or country
9. Have a battery and electric drive train that are fully covered by the Original Equipment Manufacturer's (OEM) warranty
10. Be purchased or leased on or after the Program's effective date

### **3.3.1 Floor Model, Test Drive, Rollback and Unwind Vehicles**

Vehicles used as dealership floor models and test drive vehicles are eligible for the rebate if the vehicles have not been registered previously with the DMV or in any other state. Rebate applications for floor model, test drive, unwind and rollback vehicles will be assessed on a case-by-case basis. A "rollback" occurs when a buyer purchases or leases a vehicle then returns it shortly after purchase, or when a buyer's financing is disapproved. An "unwind" occurs when registration is completed, but the sale was not consummated and the buyer never took delivery. Vehicles determined by the Program Administrator to be unrebated rollback or unwind vehicles will be eligible to receive a rebate. Additional documentation from the dealership may be required.

Registered dealer loaner vehicles may be eligible for the program under the floor model, test drive, rollback and unwind provision if the vehicle is coming out of loaner car service and offered to an eligible consumer for purchase or lease. The original vehicle registration must be in the dealership's name. The vehicle must still be considered new by the vehicle manufacturer with regards to warranty provisions or for the purposes of manufacturer rebates, etc. In addition to the documentation required for all applications, the following documentation is required: copy of the original MV-50 from when the dealer purchased the vehicle; copy of the original dealer registration; copy of the original purchase agreement from the OEM to the dealer, and written confirmation from the dealership certifying that a) the vehicle is a registered dealer loaner that is being sold or leased to a consumer and b) the vehicle is still considered new by the vehicle manufacturer for warranty provisions and for purposes of any existing manufacturer rebates.



#### 4. REBATE AMOUNTS

Rebate amounts for eligible vehicles are based on electric range. Electric range will be defined using the [US EPA standard](#) for electric vehicle miles range for the vehicle. All rebate reservations that meet the terms of the Program and are submitted while the Program is open and accepting rebate reservations will be honored by NYSERDA.

Rebates for Eligible Vehicles Purchased On or Before June 30, 2021	
EPA Combined All- Electric Range	Incentive
Less than 20	\$500
20 to 39	\$1,100
40 to 119	\$1,700
120 and greater	\$2,000
MSRP <sup>1</sup> over \$60,000	\$500

Rebates for Eligible Vehicles Purchased After June 30, 2021	
EPA Combined All- Electric Range	Incentive
Less than 40	\$500
40 to 199	\$1,000
200 and greater	\$2,000
MSRP <sup>2</sup> over \$42,000	\$500

Note: Rebate amounts and the criteria used to determine them are subject to change at NYSERDA's sole discretion. NYSERDA will provide at least 30 days' notice to all program participants before new rebate amounts take effect. Visit the Charge NY website after the program effective date to see the current complete list of eligible vehicles.

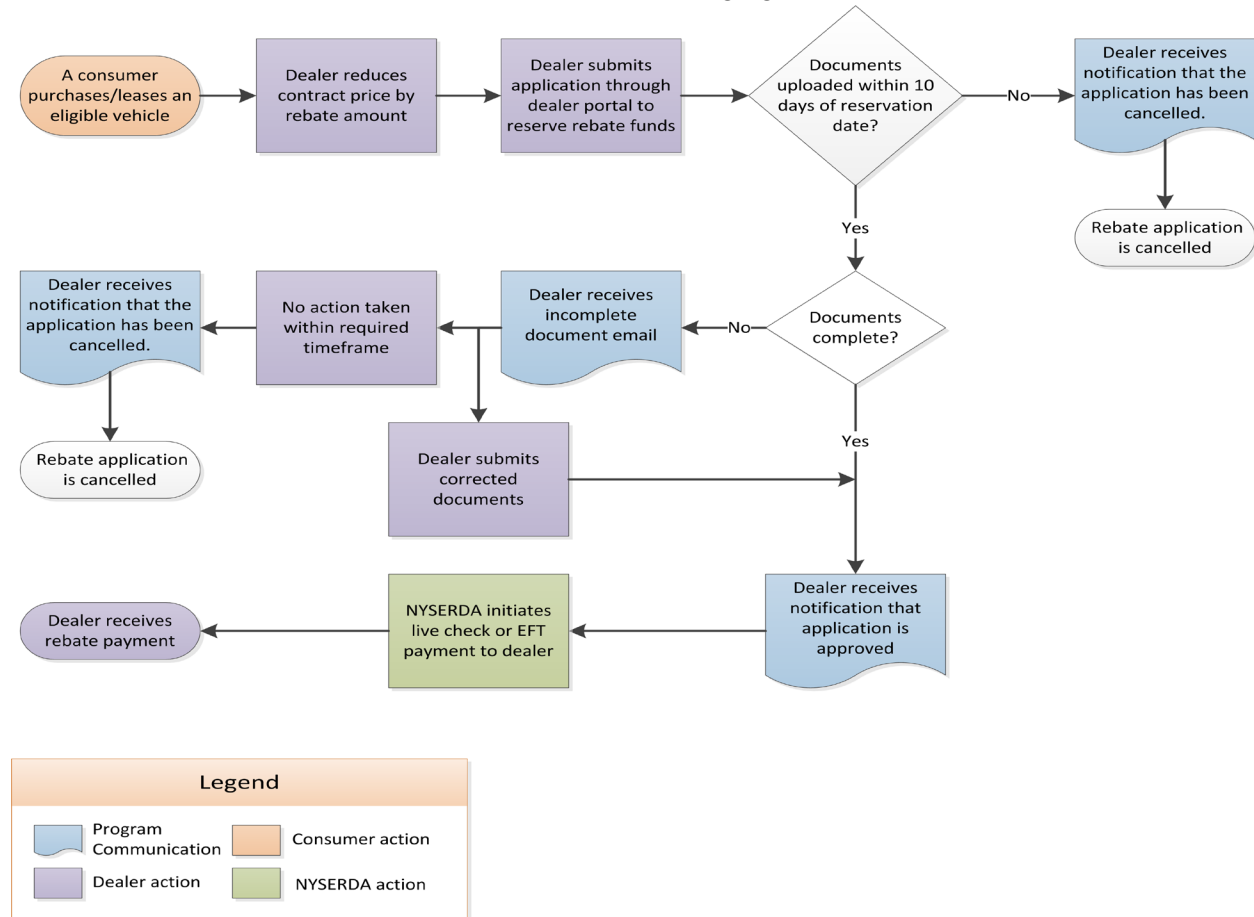
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<sup>1</sup> Electric vehicles purchased on or **before** June 30, 2021 with a base MSRP over \$60,000 will receive a \$500 rebate regardless of electric range. Base MSRP is confirmed by <http://www.fueleconomy.gov/> where applicable. If the MSRP is not reported, the Original Equipment Manufacturer's website is utilized to confirm the base MSRP.

<sup>2</sup> Electric vehicles purchased **after** June 30, 2021 with a base MSRP over \$42,000 will receive a \$500 rebate regardless of electric range. Base MSRP is confirmed by <http://www.fueleconomy.gov/> where applicable. If the MSRP is not reported, the Original Equipment Manufacturer's website is utilized to confirm the base MSRP.

## 5. REBATE APPLICATION PROCESS

The rebate application process is shown in the following figure:



Dealers shall have sixty (60) calendar days from the date of the vehicle transaction to submit a rebate application. Applications received more than sixty (60) calendar days after the vehicle transaction is completed will be rejected. Vehicles purchased or leased prior to the Program's effective date are not eligible for a rebate. For the purposes of the Program, the vehicle transaction date is the date that the vehicle is delivered and the sale is completed, as memorialized by the date on the New York State Department of Motor Vehicles (DMV) MV-50 form. The Vehicle Transaction Date must be on or after the program effective date. Dealers shall submit rebate applications through NYSEERDA's Dealer web portal ([nyserda-portal.force.com](http://nyserda-portal.force.com)). Once an application has been started and the Dealer has indicated which qualifying vehicle has been purchased, NYSEERDA will reserve program funds for the Dealer. Dealers shall have ten (10) calendar days to submit the required documents outlined in this Manual. Any applications for which documents are not submitted within ten (10) calendar days will be cancelled and the reserved funds will be released. The Dealer will be notified of the cancellation via email.

The Program administrator shall have ten (10) calendar days to review submitted rebate applications. Submitted applications that have no issues with regard to the accuracy or completeness of the application and/or required documents will be approved, and the dealer will receive notification of approval via email.

If an application or its required documents are determined to be incomplete, illegible, or missing required information, the Dealer will be notified of the error via email and shall have ten (10) calendar days from the date of notification to correct any errors. If the errors are not corrected within ten (10) calendar days, the application will be cancelled and the reserved funds will be released. If an application is submitted but determined to be ineligible, it will be cancelled, the reserved funds will be released, and the Dealer will be notified via email.

If a rebate application is cancelled, Dealers can reapply for a rebate for that vehicle within sixty (60) calendar days of the vehicle transaction.

## **6. REQUIRED DOCUMENTS**

Dealers must submit required documents for each rebate application. Required documents include, at a minimum, the following:

- Completed rebate application form (completed online)
- Scan of original first page of signed DMV Form MV-50 (Retail Certificate of Sale)
- Scan of signed DMV Form MV-82 (Vehicle Registration/Title Application)
- Scan of signed Vehicle Purchaser Terms & Conditions form with copy of New York State Driver License<sup>3</sup> for individuals (available for download within the dealer portal)
- Scan of final signed Buyer's Order
  - Buyer's Order must clearly show that the value of the rebate has been passed to the consumer at the point of sale.
  - Drive Clean Rebate must be shown separately and not combined with any other rebates or discounts.

Dealers shall submit scanned versions of the documents through the Dealer web portal, which can be found at this URL: [nyserda-portal.force.com](http://nyserda-portal.force.com). NYSERDA reserves the right to require additional documentation if needed for verification of any element of rebate eligibility.

## **7. REBATE DISTRIBUTION PROCESS**

Rebates will be issued to Dealers via a live check or by electronic payment. Dealers may select the payment option they prefer in the Dealer web portal. Per New York State's prompt payment policy, payments to Dealers can be expected within 30 days of application approval.

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<sup>3</sup> Individuals who do not have a New York State Driver License with a New York address will be required to provide a legible copy of an alternate form of proof of residency: a NYS Non-Driver ID card, NYS Interim License or Permit, a utility or cable bill from within the last 3 months, a copy of the current NYS DMV registration of another vehicle in the name of the purchaser or lessee, a signed, dated, and notarized residential rental agreement, property deed, proof of current mortgage, military orders that are still in effect, voter registration notification card issued within one year, or other valid form of NYS residency as approved by NYSERDA. All documentation must be current (non-expired), must be in the name of the individual purchasing or leasing the vehicle, and must list a New York State address.

A rebate will not be issued if the buyer or lessee of any eligible vehicle returns the vehicle prior to the rebate being issued. Dealers must notify the Program administrator if an eligible vehicle is returned and request that the rebate application be cancelled.

Furthermore, NYSERDA reserves the right to seek reimbursement from the Dealer if the buyer or lessee of any eligible vehicle returns such vehicle to the Dealer within 30 days.

## **8. APPEALS PROCESS**

NYSERDA will consider appeals to the denial of a rebate application on a case-by-case basis. To submit an appeal, contact the Program Administrator.

## **9. RESEARCH PARTICIPATION**

NYSERDA will require Vehicle Purchasers to participate in surveys and may request participation from Dealers and Vehicle Purchasers in other research efforts that support Program goals.

## Appendix A (5/26/20)

### ADDITIONAL COVID-19 TERMS AND CONDITIONS FOR ALL NYSERDA AGREEMENTS

In response to the ongoing COVID-19 pandemic, beginning in March 2020, Governor Cuomo issued a series of Executive Orders addressing various categories of business activities, including, but not limited to, construction, manufacturing, administrative, and professional services. In addition, Empire State Development (ESD) was authorized to develop *Guidance for Determining Whether a Business Enterprise is Subject to a Workforce Reduction Under Recent Executive Orders*. Although much of NYSERDA's clean energy efforts involve construction activity, NYSERDA engages in many other activities that are affected by State COVID-19 directives and requirements.

The State has also established a series of metrics required to begin a phased reopening plan. The phase-in plan prioritizes businesses considered to have a greater economic impact and inherently low risks of infection for the workers and customers, followed by other businesses considered to have less economic impact, and those that present a higher risk of infection spread.<sup>4</sup> Pursuant to Executive Order 202.31 and "NY Forward," New York will reopen on a regional basis as each region meets the criteria necessary to protect public health.

For New York State regions and approved activities that have been deemed reopened pursuant to the State's Regional Monitoring Dashboard, and in light of the paramount importance placed on health and safety at this time, NYSERDA hereby directs and requires that NYSERDA contractors performing clean energy activity pursuant to a NYSERDA contract or program to comply with all Executive Orders addressing the COVID-19 pandemic, and in all events, NYSERDA contractors are expected to continue to comply with all relevant State, federal and local rules. All contractors are also accountable for staying current with any updates to these requirements. COVID-19 related guidance and references can be found on NYSERDA's website at: <https://www.nyserda.ny.gov/ny/COVID-19-Response, and is hereby deemed incorporated herein, as may be updated from time to time>.

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<sup>4</sup> In accordance with ESD's current Essential Business Guidance and subject to all relevant health and safety requirements, NYSERDA is hereby allowing its contractors performing program work pursuant to a NYSERDA contract or program to undertake the following activities on a Statewide basis:

- electric power generation and storage-related development, construction, operation or maintenance, except with respect to new solar projects on residential sites (which residential projects must continue to follow the regional reopening);
- electric vehicle (EV) charging station installation, operation and maintenance at commercial and government sites; and
- activity by a single worker who is the sole worker on a project site.

Phase I of reopening does include all construction activity. All NYSERDA contractors specifically engaging in construction activity are required to, without limitation, adhere to and attest to the New York State Department of Health (NYS DOH) *Interim Guidance for Construction Activities During the COVID-19 Public Health Emergency* prior to commencing work on NYSERDA clean energy construction projects. The attestation is embedded within the Guidance Document and NYSERDA advises that contractors maintain a copy of such attestation for their records. Also, as included in the NYS DOH Construction Guidance, for all contractors performing construction activities, completed safety plans must be conspicuously posted on a project site. The State has provided a template to assist in developing Business Safety Plans, which is available through the NY Forward website as well as NYSERDA's COVID-19 webpage. While these plans are not required to be submitted to NYSERDA or a State agency for approval, they must be retained on the premises of the business or construction site and must be made available to the NYS DOH or local health or safety authorities in the event of an inspection.

In accordance with Executive Order 202.31, business activities may only commence for New York State regions that have been deemed reopened and is limited to only those activities approved for reopening. For state regions and activities that remain on PAUSE, or for reopened areas that revert back to PAUSE, NYSERDA continues to direct a pause in work until that region is re-opened for all NYSERDA contractors performing program activity pursuant to a NYSERDA contract or program, requiring in-person presence at a project site, that is not explicitly permitted under State directives or guidance.

During this time of uncertainty, NYSERDA is committed to working collaboratively with its Contractors to address contractual obligations when performance under the contract may be suspended or delayed due to COVID-19-related limitations in business activity that are beyond the reasonable control of either NYSERDA or the Contractor.

NYSERDA takes health and safety issues of its contractors and program participants very seriously and will strictly enforce compliance with Executive Order 202.31, and any relevant subsequent Executive Orders, and this guidance, as well as existing contractual obligations that require NYSERDA's contractors to comply with all general and special Federal, State, municipal and local laws, ordinances and regulations that may in any way affect the performance of agreements executed with NYSERDA. Accordingly, non-compliance may give rise to disciplinary action, which may include, without limitation:

- orders to stop work;
- immediate termination of the Agreement;
- a determination of ineligibility to participate in one or more NYSERDA program efforts, on either a temporary or permanent basis;
- reporting of non-compliant activity to enforcement authorities, including but not limited to the NY Forward online complaint submission form, which will result in investigation and, if credible, enforcement.

*This guidance supersedes all previously issued guidance and shall be deemed to modify any applicable provisions in any NYSERDA contract, program rule, guideline, manual, solicitation or other applicable document or agreement.*



**Affordable Solar and Storage Predevelopment and Technical Assistance**  
Program Opportunity Notice (PON) 3414  
**\$ 10,650,000 Available**

Applications accepted through December 31, 2024 by 3:00 PM Eastern Time\*

**Program Summary:** Affordable Solar and Storage Predevelopment and Technical Assistance will provide up to a total of \$10,650,000 to address barriers to solar and energy storage installations benefitting low-to-moderate income (LMI) households not served by traditional onsite residential solar and providers of regulated affordable housing to LMI households. Individual awards will be based on the scope of the proposed project up to \$200,000. Funding to proposals through this solicitation will offset costs for predevelopment and technical assistance work needed to implement solar and/or storage installations that benefit LMI households.

**Application Submission:** Visit [www.nyserda.ny.gov/funding](http://www.nyserda.ny.gov/funding) to review and download the program application. Completed applications and supporting documentation should be submitted via Salesforce at [insert Salesforce link]. The application file should use the naming convention: 'Affordable Solar and Storage Predevelopment – Application – Proposer Name'.

**Contact Information:** For all questions, please contact program staff at [affordablesolar@nyserda.ny.gov](mailto:affordablesolar@nyserda.ny.gov).

Incomplete or inaccurate applications will not be accepted. Faxed or mailed applications will not be accepted. Applications will not be accepted at any NYSERDA email address other than [affordablesolar@nyserda.ny.gov](mailto:affordablesolar@nyserda.ny.gov) if changes are made to this solicitation, notification will be posted on NYSERDA's website at [www.nyserda.ny.gov](http://www.nyserda.ny.gov).



## I. Introduction

Multiple barriers unique to serving low-to-moderate income (LMI) communities hinder progress through financing, procurement, marketing/outreach, and other components of solar and/or energy storage project development. Community organizations and affordable housing providers are critical partners in developing locally driven solutions to these barriers and achieving equitable access to the benefits of solar and/or storage for LMI households in New York. Frequently, however, these entities lack the financial resources, market experience or staff capacity to bring a solar and/or storage project from the concept stage to operation.

NYSERDA, through the Affordable Solar and Storage Predevelopment and Technical Assistance Program, will provide up to \$10,650,000\* to address these resource gaps and market barriers to solar and/or storage installations serving LMI households living in affordable housing, and other LMI households not served by conventional single-family residential solar installations. This program will provide funding for the development of solar and/or storage projects that offer meaningful benefits to LMI customers and affordable housing providers, and demonstrate viable models for equitable solar and/or storage development.

Target projects participating in the program will lead to:

- The implementation and operation of solar and/or storage installations for affordable housing; or
- The implementation and operation of community solar installations that will offer benefits to LMI households and/or affordable housing

Applications will be accepted from affordable housing providers, community organizations or entities, and technical service providers. Approved projects funded through this solicitation will receive contract awards up to \$200,000, and the award will be based upon the scope of the proposed project. Project applications will be assessed to determine if the requested award matches the project scope, and the review committee may provide recommendations to adjust the award in furtherance of this goal.

Each approved project will execute a Work Plan that may include any of the following predevelopment and technical assistance activities:

- Organizing a project business model and securing financing;
- Development of cooperative or community ownership models;
- Procuring services from solar and/or storage developers;
- Early stage project planning, project team organization, and site identification;
- Preliminary site assessments;
- LMI customer outreach and enrollment;
- Development of project models that allocate benefits to residents of affordable housing;
- Development of project models that allocate benefits to an environmental justice (EJ) community;
- Predevelopment of solar plus storage or standalone storage projects, including financial analysis; and
- Other technical assistance or services that achieve the target outcomes.

Contracts will be offered to project proposals that have met the eligibility criteria and are approved by a review committee of NYSERDA staff and external experts, subject to program policy factors and the funding available. While project teams are encouraged, for each approved project, NYSERDA will contract with the entity acting as lead applicant.

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*\*\*\$9,865,000 of the funds for this program have been allocated from the Clean Energy Fund (CEF). Eligibility for CEF funds is limited to projects serving customers who pay the CEF surcharge as part of their electric bills. Additional funds in the amount of \$800,000 have been allocated from the Regional Greenhouse Gas Initiative (RGGI) and will be made available, subject to exhaustion, for projects serving customers who are ineligible under the CEF because they do not pay the CEF surcharge.*

Updates to program information and resources are available at [www.nyserda.ny.gov/ASPTA](http://www.nyserda.ny.gov/ASPTA).

## **II. Program Requirements**

### **Definitions**

**Regulated affordable housing** is defined by participation of a property in the following programs:

- US Department of Housing and Urban Development (HUD) regulated affordable housing;
- New York State Homes and Community Renewal (HCR) regulated affordable housing;
- Low Income Housing Tax Credit financing;
- New York City Department of Housing Preservation and Development (HPD) regulated affordable housing (or other local housing agency);
- SONYMA Mortgage Insurance financing;
- Weatherization Assistance Program;
- Housing Finance Agency's (HFA) 80/20 Program;
- New York City Housing Development Corporation's (HDC) 80/20 or Mixed Income Programs;
- Office of Temporary and Disability Assistance (OTDA) Temporary and Supportive Housing Programs; and
- US Department of Agriculture (USDA) Rural Assistance Program.

**Low-to-moderate income (LMI)** household is defined as:

- A household that has a gross income less than 80% of the area median income (80% AMI) (see <https://www.nyserda.ny.gov/affordable-solar-income-guidelines> for income guidelines); or
- Documented participating household in other income-eligible utility, housing, or other public assistance programs serving households at 80% AMI or below, including programs limited to serving households at lower income levels.

### **Eligible Applicants**

Applications must be submitted by or include the documented participation of any of the following:

- Owners, providers, or managers of regulated multifamily affordable housing, community land trusts, land banks, or portfolios of single-family affordable housing;
- Local government agencies;
- Community Development Corporations (CDC), Community Development Financial Institutions (CDFI), or other community organizations providing services to LMI households and/or demonstrating an LMI constituency; and
- Prior recipients of predevelopment grants seeking to replicate and expand upon the success from a prior completed predevelopment project.

Applications may be led by or include the participation of service providers, consultants, and/or solar or storage developers under the following circumstances:

- The affordable housing, community-based entity or local government agency applicant does not possess in-house capacity to carry out the technical or specialized expertise required by the proposed activities; and

- Solar or storage installers or developers may be co-applicants or partners on the proposed project when providing technical assistance outside of standard business services for development of a solar and/or storage project.

### **Eligible Proposals**

Proposed projects should promote the development of solar or storage installations that benefit LMI households and/or providers of affordable housing for LMI households. Projects may provide direct energy cost savings to LMI subscribers through a community solar or storage installation, indirect benefits to LMI residents of affordable housing receiving energy cost savings through an onsite or remote installation, energy cost savings and resiliency benefits from energy storage, or some combination of these benefits. Project sites that will receive free technical assistance as part of [NYC Housing and Preservation Development’s Solar Where Feasible](#) program should be excluded from planned site assessments in project proposals. Planned benefits must be documented in the application.

### **Eligible proposed activities may include the development and implementation of any of the following:**

- Aggregated purchasing of solar and/or storage for LMI households;
- Models for the promotion of cooperatives and other community ownership structures to provide LMI community ownership opportunities of solar and/or storage projects;
- Financial analysis of solar and/or storage project viability including business analysis, savings estimate, and intended use for the project;
- Procurement, evaluation, and selection of solar and/or storage construction firm;
- Outreach including development of materials, workshops, trainings, and technical assistance;
- “Pre-predevelopment” activities, including but not limited to early stage planning, concept development, team organization, and community engagement;
- Site identification, establishment of site control, initial interconnection screening, structural analysis, and site feasibility;
- Securing of project financing or credit enhancement for project; and
- Enhancing resiliency activities for LMI households, EJ communities, or disadvantaged communities by solar and/or storage projects, which includes, but are not limited to, predevelopment and technical assistance activities related to back-up systems for critical power loads in affordable housing and/or other community facilities serving LMI households.

A project that includes resiliency benefits from energy storage, such as backup power in the event of a power outage, must provide additional details in the application. Specifically, the resulting feasibility study should include a clear description for the customer of the capacity and limitations of the storage system in the event of a power outage. Specifically, the feasibility study should include the percentage of charge the storage system will draw from a paired PV system, how many and which electrical circuits or appliances the storage system can provide backup power for and at what amperages, and any reserve levels the contractor will establish for the storage system.

### **Project activities not eligible for funding through this solicitation include direct design, engineering, and other construction-related activities such as:**

- System design and engineering;
- Software development or the creation of proprietary tools;
- Permitting and inspections;
- Installation labor;

- Installation hardware; and
- Other activities representing the existing standard business operations for development of a solar or storage project.

### **Inclusive Community Solar Adder**

Owners and managers of community solar projects that receive the Inclusive Community Solar Adder—which increases the NY-Sun incentive for certain community solar projects that serve LMI subscribers, affordable housing, and other facilities serving disadvantaged communities—may also apply for PON 3414 funding. These projects will be subject to the following additional requirements, above and beyond the minimum requirements of the Inclusive Community Solar Adder:

- Minimum percentage allocation of 60% of solar credits to a mix of either eligible residential or affordable housing/nonresidential subscribers
- Guaranteed savings of at least 15%
- Documented partnership with a community-based organization

Additionally, all other eligibility criteria and restriction regarding applicants and proposed activities still apply. Project applications must also clearly describe a list of proposed activities that have not been completed (e.g., activities focused on siting the community solar project) and may not include retroactive items.

### **Evaluation Criteria**

**Project Scope/Feasibility:** Does the application include clear, detailed steps necessary to achieve the stated project goals? How significant is the barrier or opportunity addressed by the proposed project to the LMI market for solar and/or storage? How likely is the proposed predevelopment work to lead to a completed solar and/or storage project serving LMI households? Is the proposed work strategy sound and technically feasible? How well has the proposer defined the target customer(s), value proposition, and the application of the proposed solution? Has the proposer demonstrated support/demand from necessary market actors and potential customers?

**Project Benefits:** How significant are the potential economic benefits from the project to LMI customers as passed through directly, or indirectly by affordable housing providers? Will there be additional benefits for the target LMI audience of the project such as increased access to solar and/or storage and energy efficiency products or services, job creation, or other community/economic development? How many LMI households (or households in EJ or disadvantaged communities) will benefit from this project, and to what extent?

**Market Potential:** Does the proposed project address a current challenge or opportunity that could not be adequately addressed without this funding? Is the project appropriate for the current stage of the market, including regulatory and policy factors?

**Project Team and Support:** To what degree does the team have relevant technical and business background and experience? Has the proposer previously implemented or partnered on any solar or storage projects? How firm are the commitments and resources from essential participants, partners, and other organizations? To what extent has the proposal identified the project management structure through predevelopment, implementation and ongoing operation?

**Project Value/Economics:** Is the overall project cost (fund requested in the PON 3414 application) justified? Relative to the proposed predevelopment cost, how significant is the opportunity and expected benefit to LMI customers? How appropriate are the project's overall financial resources, degree of risk exposure, and viability of potential revenue? Does the proposer have a reasonable plan for pursuing any additional funding necessary for full implementation of the project?

### **Program Policy Factors**

NYSERDA may consider Program Policy Factors in making selection decisions, to best achieve the overall goals and objectives of the Affordable Solar program.

Program Policy Factors will include the following portfolio-level considerations:

- The degree to which the proposed project scope and benefits optimizes the use of available funding to achieve programmatic objectives;
- The degree to which there are technical, market or organizational risks associated with the project;
- The degree to which the proposed project duplicates, complements, or avoids duplication of projects in terms of geographic location, market barrier or market approach addressed;
- The degree to which there is diversity in topics, approaches, and methods for best achieving the overall goals and objectives of NYSERDA's programs;
- Overall number of distinct awarded contracts;
- The business viability of the project; and
- If applicable, the responsiveness of the proposer in conducting other NYSERDA-funded work.

### **III. Application Requirements**

Proposers must complete and submit the Affordable Solar and Storage Predevelopment and Technical Assistance Application (Attachment C) including the required Work Plan and Project Budget. Once an application is submitted, the applicant(s) will be contacted within 30 business days with either a request for more information or a decision on the application. The application includes the following sections detailing the project:

- Team
- Concept
- Benefits
- Work Plan
- Budget

Each section must be completed in full. Upon receipt of an application, NYSERDA program staff will review for initial eligibility and completeness and will inform the applicant if clarifying information is needed. If the application is substantially incomplete (one or more sections lacking required information), this may disqualify the application.

Complete and eligible applications will be reviewed and evaluated by a committee of NYSERDA staff and external experts. Applications will be reviewed by the committee as they are received. NYSERDA may request additional information and/or a presentation by proposers. Applications that are deemed by the committee to meet the program criteria will be awarded contracts on a first-come-first-serve basis. Program policy factors may apply in final award decisions, as detailed in the Evaluation Criteria.

Applications will be accepted and reviewed on a quarterly basis and awarded until all funds are exhausted.

### **IV. Contracting**

Contract periods for approved projects will be established based on the timeline proposed by the application with a maximum contract period of eighteen (18) months. NYSERDA reserves the right to extend contracts as needed.

Payment schedules for approved projects will be based on the Final Work Plan negotiated with NYSERDA, and based on the completion of objectives identified as project milestones in the Final Work Plan. All projects should include at minimum four milestone points. The example milestones (mobilization, midpoint, substantial completion, and project deployment) described below may be used by applicants, or applicants may propose alternative/additional milestones:

- Contract Execution Milestone – Execute NYSERDA agreement with Final Work Plan including full details on project activities, the entity responsible for completing project activities, project milestones, invoice totals for each milestone, and overall project budget.
- Mobilization Milestone – Establish a detailed project management plan and operating procedures for the project; confirm project team members, partners, and stakeholders fully committed/contracted and formally assigned roles; access any additional funding resources; hold launch meeting including full project team, stakeholders and partners.
- Midpoint Milestone(s) – Make significant progress towards or reach partial completion of project outcomes. For large or complex projects, more than one Midpoint Milestone should be used to account for different project components or stages. Upon completion of the Midpoint Milestone(s), projects should be able to demonstrate that all remaining project outcomes will be successfully completed.
- Substantial Completion Milestone – All major project outcomes have been or are close to completion. At this point, the project should be able to utilize the outcomes and initiate steps, such as the deployment of the business model and/or construction of the solar or storage system.
- Project Deployment Milestone - At the close of the contract, the project team should be ready to initiate next steps, such as the deployment of the business model and/or construction of the solar electric and/or storage system installation.

Payments by NYSERDA on approved projects will be made when each milestone is reached. The payment for each milestone shall be based upon the scope of the proposed activities and will be based upon the recommendation of the review committee. The recommended payment schedule for the total proposed NYSERDA budget, using the four example milestones, is as follows:

- Up to \$5,000 to be available upon full execution of the agreement;
- Up to 30% or \$30,000 (whichever is lower) at the completion of the Mobilization Milestone;
- Approximately 40% upon completion of the Midpoint Milestone(s);
- At least 20% at Substantial Completion; and
- At least 10% at Project Deployment

For more complex projects, or those requesting more than \$100,000, proposed Work Plans should include additional milestones and an alternate payment schedule deemed appropriate by the proposer, subject to review and approval by NYSERDA. All proposed Work Plans must set the milestone payment for Mobilization (or equivalent milestone) at no more than the lower of 30% or \$30,000, and for Project Deployment at 10% of the total NYSERDA funding proposed.

NYSERDA reserves the right to delay contracting with approved projects in situations where outside funding necessary for the successful completion of the project is unsecured or uncertain.

## V. General Conditions

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

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

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

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

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

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

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

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain new procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx>. The attached Proposal Checklist calls for a signature certifying that the proposer will comply with State Finance Law sections 139-j and 139-k and the Disclosure of Prior Findings of Non-responsibility form includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years.

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

subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a perspective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf>.

**Contract Award** - NYSERDA anticipates making multiple awards under this solicitation. It may award a contract based on initial applications without discussion, or following limited discussion or negotiations. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA expects to notify applicants in approximately 6 weeks from the receipt of an application whether the proposal has been selected to receive an award.

**Accessibility Requirements** - NYSERDA requires contractors producing content intended to be posted to the Web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#).

**Limitation** - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to disqualify proposers based upon the results of a background check into publicly available information and the presence of a material possibility of any reputational or legal risk in making of the award.

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

## **VI. Attachments**

- Attachment A - Proposal Checklist
- Attachment B - Disclosure of Prior Findings of Non-Responsibility
- Attachment C - Program Application
- Attachment D - Standard Agreement





**NYSERDA**

**Workforce Training: Building Operations and Maintenance  
Program Opportunity Notice (PON) 3715  
\$10,000,000 Available**

*NYSERDA reserves the right to extend and/or add funding to the solicitation should other program funding sources become available.*

**Proposal Due Dates:**

**August 19, 2021 (Round 7), November 18, 2021 (Round 8), February 17, 2022 (Round 9),  
May 19, 2022 (Round 10), August 18, 2022 (Round 11), November 16, 2022 (Round 12)  
Due dates beyond are subject to funding availability.**

**PROGRAM SUMMARY**

**Overview**

NYSERDA's Building Operations and Maintenance Workforce Development and Training Program seeks to reduce energy use and associated carbon emissions while saving building operators and owners money by developing and strengthening the skills of operations and maintenance (O&M) staff and managers across the state. In particular, the program is intended to equip building O&M workers with the skills to operate increasingly energy-efficient, grid-flexible, and electrified building systems that reduce buildings' contribution to climate change. The goal is to support building owners, facility managers, property management companies, business associations/trade groups, and organized labor associations in creating the talent development strategy, corporate culture, on-site training framework, and tools needed to advance building O&M workers beyond classroom training.

While a training organization or trade association may be the lead proposer, it must partner with a specified entity or entities employing building O&M workers. Proposals must be for training activities connected with specific buildings or portfolios/campuses of buildings, including partnerships of businesses with common training needs and skills gaps that have total annual energy expenditures of \$1 million or more (all fuels and uses.)

NYSERDA will support eligible projects by providing funding for programs and activities such as, but not limited to, creation of on-site training laboratories, curriculum development, in-person and virtual training, on-the-job training, coaching/mentorships, apprenticeships, training trainers within a company, and partnerships with manufacturers.

NYSERDA will provide funding of up to 70% with a cap of \$400,000 per proposal when 75% or more of the buildings employing O&M workers are located in a [\*\*Disadvantaged Community\*\*](#). For all other proposals, NYSERDA will provide funding of up to 50% with a cap of \$400,000

per proposal. In all proposals, the majority of the cost share must be provided by employers of building O&M workers.

**Projects that include training of new hires or existing employees from either [Disadvantaged Communities](#) or [Priority Populations](#) are strongly encouraged and will be evaluated more favorably.**

### **Proposal Submission**

**All proposals must be received by 3pm Eastern Time on the date noted above.** Online submission is preferred. For detailed instructions on how to submit a proposal (online or paper submission), including file requirements, click the link “[Application Instructions and Portal Training Guide \[PDF\]](#)” located on the [PON 3715 solicitation page](#). Should any changes be made to this solicitation, notification will be posted on the “[Funding Opportunities](#)” section of NYSERDA’s website.

### **Contact Information**

For contractual questions regarding this solicitation, please contact Nancy Marucci at 518-862-1090 x3335 or [NancySolicitations@nyserda.ny.gov](mailto:NancySolicitations@nyserda.ny.gov).

For program questions, please contact Davetta Thacher, primary contact (Designated Contact) at (518) 862-1090, ext. 3603 or by e-mail [Wfinfo@nyserda.ny.gov](mailto:Wfinfo@nyserda.ny.gov); or Adele Ferranti, secondary contact (Designated Contact) at (518) 862-1090, ext. 3206 or by e-mail [Wfinfo@nyserda.ny.gov](mailto:Wfinfo@nyserda.ny.gov).

**NYSERDA will conduct an informational webinar on Tuesday, July 6 at 2:30 pm Eastern Time** during which NYSERDA will review the requirements of this solicitation and answer questions. Training providers and building representatives interested in attending are asked to register [HERE](#). Questions may be submitted via email to [Wfinfo@nyserda.ny.gov](mailto:Wfinfo@nyserda.ny.gov) prior to the webinar, or during the webinar using the web platform. Following the conclusion of the webinar, NYSERDA will post the webinar slide deck along with questions and responses to the [PON 3715 website](#). All questions will be posted anonymously, and NYSERDA’s written responses will supersede any responses given during the webinar.

## I. INTRODUCTION

NYSERDA seeks proposals for comprehensive O&M training initiatives designed to help build O&M staff technical skills and reduce facility energy use, while realizing other benefits such as reduced equipment downtimes, increased occupant comfort, reduced occupant complaints and tenant turnover, increased numbers of staff with national certifications, and greater opportunities for employee retention, promotion, and career advancement.

Building O&M occupations or job titles that are targeted for hands-on and on-site training under this program may include, but are not limited to, the following: facilities and property managers; operating and stationary engineers; technicians; building superintendents; repairpersons; maintenance workers; porters; mechanics and supervisors; electricians; plumbers; HVAC technicians; procurement staff; facility coordinators; and energy/sustainability managers.

Proposals should be aimed at delivering comprehensive workforce development and training initiatives to train new workers and/or advance the skills of existing workers. It is anticipated that **eligible training initiatives** funded under this PON will be equipment-based or O&M-based.

Equipment-based skills training can target categories such as, but not limited to, the following:

- Lighting and lighting controls
- Heating and hot water electrification systems
- Domestic hot water
- Air and ground-source heat pump systems
- Boilers and hot water/steam distribution systems
- Chillers and chilled water distribution systems
- Cooling towers
- Economizer/Ventilation and controls
- HVAC control systems
- Motors and drives
- Water and other fluid pumps
- Pneumatic system and controls
- Building envelope
- Solar water heating
- Photovoltaics
- Energy storage (chemical, thermal or mechanical)
- Digital monitoring and control
- Building diagnostics
- Energy management systems
- Demand management and demand response

O&M-based skills training can target general or very specific areas such as, but not limited to, the following:

- Cleaning heat exchangers and coils
- Optimizing supply air temperatures
- Equipment scheduling (boilers, pumps, fans, etc.)
- Tuning-up boilers
- Matching boiler capacity to loads
- System commissioning, recommissioning and continuous commissioning
- Chiller system optimization
- Utilizing natural ventilation
- Measuring and optimizing HVAC system performance
- Setback temperatures
- Optimizing pump performance
- Heat recovery
- Fan optimization and air distribution, including measures to mitigate viral and bacterial transmission
- Water conservation
- Environmental health and safety
- Energy accounting

Proposals should be aimed at continuously advancing the skills of new and/or existing building O&M workers beyond training that is currently available within the proposing facilities, or beyond training readily available in the market.

Following are examples of areas eligible for funding:

- Developing and implementing a new, New York State-registered apprenticeship program or modifying an existing registered apprenticeship program, including developing or modifying curriculum and training trainers.
- Developing and constructing a hands-on training lab at a building site, supported by other training elements like those mentioned below.
- Partnerships with manufacturers to develop customized training modules or develop O&M manuals.
- Using a learning management system to provide engaging and interactive, synchronous and/or asynchronous trainings for remote workers.
- Customizing an app-based system or learning management system for tracking O&M activities in real-time, providing training on the system, and integrating the system into on-going building operations.
- Development and implementation of a job mentoring program that includes training mentors, classroom training, on-the-job field training with a defined training plan, and/or developing O&M manuals or on-line training tools.
- Partnerships between employers with job openings and technical high schools, community colleges, or community-based organizations to encourage students with basic skills training to pursue career opportunities in building O&M through a plan that may include apprenticeships or on-the-job training.
- Initiatives from business associations/trade groups and organized labor associations to support advanced training of their memberships, resulting in improved operation and maintenance of the facilities in which their members work. (Because facility commitments must be included in the proposal, business associations/trade groups and organized labor associations wishing to offer training to members independent of the facilities in which they work can submit proposals to the Energy Efficiency and Clean Technology Training Program, [PON 3981](#).)

The following are examples that are not eligible for training funds under this solicitation:

- Training contractors outside of those employed by the proposer or subcontractors
- Work focused on the new construction of buildings.
- Projects that train on system installation techniques.

NYSERDA will also support measurement and verification of project impacts; foster employer partnerships with training organizations; share project results and case studies with other New York State building owners and operators; and facilitate industry partnerships to help address common barriers.

## **II. PROGRAM REQUIREMENTS**

### **Eligibility Requirements**

- While a training organization may be the lead proposer, it must partner with a specified entity or entities that employ building O&M workers. Such entities may include, but are not limited to, building owners, facility managers, and property management companies.
- Buildings employing O&M workers must be New York State electricity customers of an investor-owned utility company and are paying into the System Benefits Charge (SBC)/Clean Energy Fund (CEF).
- Eligible buildings may be in the following sectors: multi-family, commercial office, commercial retail, mixed-use, colleges and universities, hospitals and health care, New York State and local government, industrial, hospitality, data centers, public and private K-12 schools, and not-for-profit and private institutions. Other building types will be evaluated on a case-by-case basis.
- Participating employers of building O&M workers must have specific buildings or portfolios/campuses of buildings, including partnerships of businesses with common training needs and skills gaps. The identified buildings must have total annual energy expenditures of \$1 million or more (all fuels and uses.)

### **Program Budget**

Total funding currently available for this solicitation is \$10,000,000. Additional funds may be added to the PON if funds become available, and it is anticipated that the PON could be re-issued with or without modifications. If changes are made to this solicitation, notification will be posted on [NYSERDA's website](#).

NYSERDA anticipates awarding multiple contracts under this solicitation with a maximum initial award of \$400,000 per contract. NYSEDA may modify/extend contracts and add funds at its sole discretion provided that additional funds are available. NYSEDA may partially fund proposals.

NYSERDA will provide funding of up to 70% with a cap of \$400,000 per proposal when 75% or more of the buildings employing O&M workers are located in a [Disadvantaged Community](#). For all other proposals, NYSEDA will provide funding of up to 50% with a cap of \$400,000 per proposal. Cost share may include cash or in-kind services. The majority of the cost share must be provided by the employer of the O&M staff.

Cost sharing by task may vary between the proposer, the employer of the O&M staff and NYSEDA; however, the total cost share must result in no greater than a 70 percent NYSEDA/30 percent cost share split when 75% or more of the buildings employing O&M workers are located in a [Disadvantaged Community](#), or a 50 percent NYSEDA/50 percent cost share split for proposals where less than 75% of the buildings employing O&M workers are located in Disadvantaged Communities

Some examples of eligible cost share include the proposer/facility's employees' wages while working on tasks defined in the Statement of Work, the proposer/facility's employees' wages during training hours, equipment that will be used exclusively for training purposes, training fees offset by a third party, etc. Should the project require the purchase of laptops, tablets, or cell phones, these should be designated as proposer cost share.

Funding requests should be commensurate with the project's potential impact, including the number of staff trained, energy dollars saved, and tangible non-energy benefits.

Work completed or costs incurred prior to NYSERDA's execution of a contract are ineligible for funding or for consideration as cost share.

NYSERDA will retain 5% of the total contract amount as a final payment. This retainage will be paid when all reporting requirements have been met, including the submission of impacted buildings' energy use data for a period of one year following the conclusion of NYSERDA-funded training activities, hereafter known as the "outcome monitoring period."

### **Program Policy Factors**

Additionally, NYSERDA reserves the right to accept or reject proposals based on the following factors:

- Geographical coverage across New York State to ensure that projects selected for funding optimize the use of available funding to achieve programmatic objectives.
- The degree to which the proposed project, including proposed cost shares, optimizes the use of available funding to achieve programmatic objectives;
- Institutional diversity or partnership with minority serving institutions;
- Consideration of the impact on, and benefits to, a diversity of communities, including low-income and rural communities;
- The degree to which the proposer has the resources (human and financial) to be able to complete the project;
- Diversity of awards, including multiple locations and program structures;
- The degree to which the proposed project directly addresses NYSERDA's mission and strategic goals.
- Distribution of participants across multiple sectors.
- Number of awards previously made to the proposer.
- Past performance under prior NYSERDA contracts.

### **III. PROPOSAL REQUIREMENTS**

Successful proposals will include or address the following on the Application Form:

- Attach a list of buildings, including their addresses, market sector, square footage, annual energy costs for all fuels, and the number of O&M employees who will benefit from the proposed training. In order to qualify for 30% cost share, the list of buildings must identify which buildings are located in a Disadvantaged Community and what percent of the total buildings are located in a Disadvantaged Community. Identify and define the skills gaps that will be addressed; describe the training initiatives to address those gaps, and how those training initiatives will be integrated into standard business procedures.
- Estimate annual energy savings attributable to training for building O&M staff based on the proposal's specific building(s) and training activities. Basic estimates or ranges of

estimates for percent of annual energy savings are acceptable but more detailed estimates will be viewed more favorably.

- Identify the job titles and numbers of workers to be trained in each training task, as reflected in the Statement of Work, and overall.
- Describe the additional buildings potentially impacted, including number of buildings, estimate of square footage and projected number of additional building operators trained during the three (3) years after project completion.

New York State's [Climate Leadership and Community Protection Act](#) requires state agencies, authorities, and entities to direct funding in a manner designed to achieve a goal for [Disadvantaged Communities](#) to receive at least forty percent of overall benefits of spending on clean energy and energy efficiency programs.

Preference will be given to proposals that present a plan to hire new workers from [Disadvantaged Communities](#) and/or [Priority Populations](#). Partnerships could include working with technical high schools, community colleges and community-based organization to develop job placement and career pathway steps for workers needing special assistance to enter the job market.

Preference will be given to proposals that present a plan to advance the skills of existing workers from [Disadvantaged Communities](#) and/or [Priority Populations](#).

Situations where the total number of buildings within [Disadvantaged Communities](#) is less than 75% may qualify for the 30% minimum cost share if proposers can show that 75% of the O&M workers in those buildings are members of a [Priority Population](#) or reside in a Disadvantaged Community. For proposals that will focus on training individuals that reside in a Disadvantaged Community or are from a Priority Population, proposers are encouraged to discuss this requirements with the designated contact prior to submitting a proposal, by sending an email to: Wfinfo@nysesda.ny.gov.

### **Statement of Work Requirements**

Proposers must include a detailed Statement of Work with their Application. The Statement of Work must include project goals, objectives, tasks, and deliverables. Proposers are encouraged to submit a Statement of Work that is innovative and shows the best potential for sustainable energy savings and strengthening of the corporate energy efficiency and conservation culture.

Attachment B contains a *Sample* Statement of Work, which outlines both required and optional tasks. Proposers are encouraged to use this document as a template when crafting their Statements of Work.

Required Statement of Work tasks include:

- Partnerships/Subcontracts (where applicable)
- Curriculum Modification/Development
- Conduct Training
- Plan to Replicate and Sustain Training After the Contract is Complete
- Monitor and Verify Energy and Non-energy Benefits

- Reporting and Invoicing

Optional Statement of Work tasks may include:

- Development and Delivery of Related Activities
- On-the-Job Training/Apprenticeships
- Other

Proposals that include and integrate several tasks are more likely to have an impact on addressing skills gaps and be sustainable. As a result, such proposals are more likely to be funded than projects that only include one discrete element.

**Schedule Requirements**

Proposers are further required to provide an anticipated schedule for completing tasks. This schedule should be in months from date of contract execution, using the format *Month 1, Month 2...Month 24* instead of *January, February...December*. Training activities should be completed within 24 months or less from contract execution.

Projects should include a 12-month outcoming monitoring period at the conclusion of NYSERDA-funded training activities. Final project reporting must include building energy data and other training outcomes from this 12-month outcome monitoring period.

Example Schedule:

Task No.	Title or Description	Month 1	Month 2	...	...	Month 23	Month 24
1	Partnerships / subcontracts						
2	Curriculum Modification/Development						
3							
4							
5							
6							

**Budget (Attachment D) Requirements**

Proposers must complete and submit a budget with their proposal, including information requested on Attachment D, which has tabs for the Budget Form and the Per-Task Summary Form. The budget must be reasonable and must show the funding requested from NYSERDA and the cost share that is the responsibility of (1) the proposer and/or (2) the employer of the O&M workers.

Proposers must complete one Attachment D Budget Form for the proposer and the employer of O&M workers (unless the employer is also the proposer), including costs related to proposer



Labor (Element 1), Direct Materials, Supplies, Equipment, and Other Costs (Element 2), Travel (Element 3), and Facility Labor and other Subcontractors/Consultants (Element 4).

Proposers must also complete one Attachment D Budget Form for each subcontractor/consultant, including costs related to labor, direct materials (supplies, equipment, and other costs) and travel.

Based on the costs calculated in the Budget Form(s), proposers must complete the Per-Task Summary, which shows the cost breakdown for both the NYSERDA funding and the proposer's cost share.

#### **IV. PROPOSAL EVALUATION**

##### **Evaluation Process**

Proposals that meet solicitation requirements will be reviewed by a Scoring Committee using the Evaluation Criteria below. At NYSERDA's discretion, proposers may be requested to interview with all or part of the Scoring Committee to address any potential questions or clarify items outlined in the proposals. NYSERDA may request additional data or material to support proposals.

After the proposals are reviewed, NYSERDA will inform each proposer of the results within approximately eight weeks. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel the PON in part or in its entirety when it is in NYSERDA's best interest.

##### **Successful Proposals:**

After a favorable review by the Scoring Committee, NYSERDA staff will make a final decision and will notify proposers if their proposal has been selected to receive an award. Proposers receiving favorable evaluations may be asked to address specific recommendations or contingencies of the Scoring Committee or make modifications to the Statement of Work before being awarded funding. An award under this PON will result in a contract. NYSERDA may award a contract based on proposals without discussion or following discussion.

##### **Denied Applications:**

Proposers whose submissions are denied may request a debriefing from the Designated Contact and may reapply under a future round of the PON.

**Evaluation Criteria** (72 points is the minimum threshold of 100 possible points. Proposals with an average reviewer score of less than 72 will not be considered for contract negotiations.)

- **Cost Effectiveness of the Proposal – 10 Points**
  - Is the cost (to NYSERDA) per person trained reasonable/consistent with prior successful proposals?
  - Are labor rates reasonable when viewed alongside the rates of similarly qualified proposers?
  - Is the funding requested commensurate with the impact the project will have (number trained, energy savings, non-energy benefits)?

- **Replicability Across the Building Portfolio – 20 Points**
  - To what extent will the project be replicated and self-sustaining, both within the identified properties and across the participating employer’s portfolio?
  - Does the proposer demonstrate a viable path to replicating the project across its portfolio of buildings?
  - Will the project result in deliverables (case studies, etc.) that can be used to share project results and lessons learned with other similar organizations or building types?
  
- **Energy Savings Goals and Verified Energy Savings – 17 Points**
  - To what extent is the project likely to have a measurable impact on energy use?
  - Does the project identify reasonable energy savings goals? (Well identified and detailed goals will be viewed more favorably than citations of industry standards.)
  - Does the Statement of Work include an effective plan to monitor and verify energy savings throughout the project term and for the 12-month outcome monitoring period?
  
- **Sustainability after NYSERDA Support Has Ended; Training Integrated into Corporate Culture - 15 Points**
  - Is the impact on building O&M staff within an organization or across partnering organizations clearly identified during the project and after it has been completed?
  - Does the project address sustainability after the project is completed and integrate or leverage complementary training elements into a comprehensive plan to continuously advance the skills of existing workers and provide a career path for new workers?
  
- **Statement of Work – 12 Points**
  - Does the Statement of Work have well-defined tasks and deliverables to develop an in-house energy training culture, infrastructure, and activities that result in continuous, organization-wide training to provide targeted skills to new workers and/or advance the skills of existing workers?
  - Does the Statement of Work clearly identify skills gaps and the training initiatives to address those gaps?
  - Are the type and number of workers trained specified in each training task and overall?
  
- **Efforts to Hire or Advance Workers from Disadvantaged Communities and/or Priority Populations – 10 Points**
  - Is there a well-defined plan to identify and hire *new workers* from Disadvantaged Communities and/or Priority Populations?
  - Is there a well-defined plan to advance the skills and track the successes of *existing workers* from Disadvantaged Communities and/or Priority Populations?
  - Is there a well-defined plan to advance the skills and track the successes of new and existing workers whose buildings are located within Disadvantaged Communities?

- **Plan to Identify and Measure Non-Energy Benefits – 8 Points**
  - Is there a reasonable strategy for measuring or monitoring non-energy benefits and impacts (i.e., cost savings, reduced staff turnover, increased occupant satisfaction, reduced tenant turnover, reduced equipment downtime, increased number of worker certifications, other?)
- **Maximize Impact and Leverage Existing Resources - 8 Points**
  - Does the proposal leverage of available resources, such as subject matter experts, curriculum and training tools, equipment, training facilities, etc.?
  - Are the partnerships between employers, across multiple properties, and/or with training providers well-coordinated and likely to result in a successful project?

## V. GENERAL CONDITIONS

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

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

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

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

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625 Broadway  
Albany, NY 12207

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

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Minority and Women's Business Development Division  
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Albany, NY 12207

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx> . Proposers are required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility (this includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

**Tax Law Section 5-a** - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department.

The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf>.

**Contract Award** - NYSERDA anticipates making multiple awards under this solicitation. A contract may be awarded based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each offer should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA may at its discretion elect to extend and/or add funds to any project funded through this solicitation. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the checklist questions. Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify Proposers in approximately four (4) weeks from the receipt of an application whether your application has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

**Accessibility Requirements** - If awardees from this solicitation will be posting anything on the web, or if the awardee will produce a final report that NYSERDA will post to the web, the

following language must be included. NYSERDA requires contractors producing content intended to be posted to the Web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#).

**Limitation** - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement. NYSERDA reserves the right to disqualify proposers based upon the results of a background check into publicly available information and the presence of a material possibility of any reputational or legal risk in making of the award.

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

**Vendor Assurance of No Conflict of Interest or Detrimental Effect** - The proposer shall disclose any existing or contemplated relationship with any other person or entity, including any known relationships with any member, shareholders of 5% or more, parent, subsidiary, or affiliated firm, which would constitute an actual or potential conflict of interest or appearance of impropriety, relating to other clients/customers of the proposer or former officers and employees of NYSERDA, in connection with proposer's rendering services as proposed. If a conflict does or might exist, please describe how your company would eliminate or prevent it. Indicate what procedures will be followed to detect, notify NYSERDA of, and resolve any such conflicts.

The proposer must disclose whether it, or any of its members, or, to the best of its knowledge, shareholders of 5% or more, parents, affiliates, or subsidiaries, have been the subject of any investigation or disciplinary action by the New York State Commission on Public Integrity or its predecessor State entities (collectively, "Commission"), and if so, a brief description must be included indicating how any matter before the Commission was resolved or whether it remains unresolved.

**Public Officers Law** – For any resulting awards, the Contractor and its subcontractors shall not engage any person who is, or has been at any time, in the employ of the State to perform services in violation of the provisions of the New York Public Officers Law, other laws applicable to the service of State employees, and the rules, regulations, opinions, guidelines or policies

promulgated or issued by the New York State Joint Commission on Public Ethics, or its predecessors (collectively, the “Ethics Requirements”). Proposers are reminded of the following Public Officers Law provision: contractors, consultants, vendors, and subcontractors may hire former NYSERDA employees. However, as a general rule and in accordance with New York Public Officers Law, former employees of NYSERDA may neither appear nor practice before NYSERDA, nor receive compensation for services rendered on a matter before NYSERDA, for a period of two years following their separation from NYSERDA service. In addition, former NYSERDA employees are subject to a “lifetime bar” from appearing before any state agency or authority or receiving compensation for services regarding any transaction in which they personally participated, or which was under their active consideration during their tenure with NYSERDA.

Any awardee will be required to certify that all of its employees, as well as employees of any subcontractor, whose subcontract is valued at \$100,000 or more who are former employees of the State and who are assigned to perform services under the resulting contract, shall be assigned in accordance with all Ethics Requirements. During the term of any agreement, no person who is employed by the contractor or its subcontractors and who is disqualified from providing services under the contract pursuant to any Ethics Requirements may share in any net revenues of the contractor or its subcontractors derived from the contract. NYSERDA may request that contractors provide it with whatever information the State deems appropriate about each such person’s engagement, work cooperatively with the State to solicit advice from the New York State Joint Commission on Public Ethics, and, if deemed appropriate by the State, instruct any such person to seek the opinion of the New York State Joint Commission on Public Ethics. NYSERDA shall have the right to withdraw or withhold approval of any subcontractor if utilizing such subcontractor for any work performed would be in conflict with any of the Ethics Requirements. NYSERDA shall have the right to terminate any contract at any time if any work performed is in conflict with any of the Ethics Requirements.

## **XI. ATTACHMENTS:**

Attachment A – Project Application  
Attachment B – Sample Statement of Work  
Attachment C – Sample Agreement  
Attachment D – Budget and Instructions



## Agriculture Energy Audit Program

Program Opportunity Notice (PON) 3846

**\$ 3,500,000 Available**

*NYSERDA reserves the right to extend and/or add funding to the Solicitation should other program funding sources become available.*

Applications accepted on a first-come, first-serve basis until December 31, 2025  
by 3:00 PM Eastern Time or until funds are exhausted\*

The NYSERDA Agriculture Energy Audit Program (hereafter referred to as the “Program”) offers free energy audits to help farms identify measures to save energy and money on utility bills. Audit reports will include site-specific recommendations for energy efficiency measures. Eligible farms include, but are not limited to, dairies, orchards, greenhouses, vegetables, vineyards, grain, and poultry/egg.

In addition, NYSERDA has developed a New York State (NYS) Greenhouse database and benchmarking tool. Through this Program, greenhouse facilities can receive a benchmarking report that describes their energy use intensity and benchmarks their facility against an anonymous aggregate of peer facilities.

### **Application Submission:**

Applications may be completed and submitted online (<https://www.nyserda.ny.gov/All-Programs/Programs/Agriculture-Energy-Audit>) or applicants may send one (1) completed and signed application form (Attachment A) to:

NYSERDA  
Attn: Agriculture Energy Audit Program Administrator  
17 Columbia Circle  
Albany, NY 12203-6399

All technical questions should be directed to: Jessica Zweig, 518-862-1090 ext. 3346 or [agriculture@nyserda.ny.gov](mailto:agriculture@nyserda.ny.gov)

Energy audit application requests and application assistance questions should be directed to: [aEEP@nyserda.ny.gov](mailto:aEEP@nyserda.ny.gov) or NYSERDA’s contractor – EnSave, Inc. at 800-732-1399

Greenhouse benchmarking application requests and application assistance questions should be directed to: [greenhousebenchmarking@nyserda.ny.gov](mailto:greenhousebenchmarking@nyserda.ny.gov)

All contractual questions concerning this solicitation should be directed to: Nancy Marucci at (518) 862-1090, ext. 3335 or [nancysolicitations@nyserda.ny.gov](mailto:nancysolicitations@nyserda.ny.gov)

\* All applications must be received by 3:00 PM Eastern Time on the date noted above. Late applications will not be accepted. Applications will not be accepted at any other NYSERDA location other than the address above. If changes are made to this solicitation, notification will be posted on the “Current Opportunities” section of NYSERDA’s website (<https://www.nyserderda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx>).

## **I. Introduction**

New York State is a leader in the production of several agriculture commodities and contributes \$5.4 billion annually to the state’s economy. The agriculture sector has approximately 7.2 million acres of farmland and 35,000 farms, roughly one-quarter of the State’s land area. Energy efficiency projects represent a cost saving opportunity and farm energy audits assist with identifying what improvements could lower utility expenses.

Technologies used in greenhouse facilities have been rapidly evolving, providing growers energy efficient solutions to reduce energy consumption and maximize production profitability. The NYS greenhouse database and benchmark tool would assist growers in making comparisons with other similar facilities and identifying areas where there are energy efficiency opportunities to assist them with prioritizing investments.

The goal of this Program is to assist farms and growers in becoming more energy efficient and, therefore, reducing operating expenses to maintain profitability and long-term farm viability.

## **II. Program Requirements**

Eligible Applicants:

- Applicants must be a farm
  - Must meet the U.S. Department of Agriculture (USDA) farm definition: “any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during a given year”
- Applicants must be customers of New York State investor-owned utilities and contribute to the electric System Benefits Charge (SBC)
  - Please check electric bill for this information
  - Up to 12 months of electric bills may be requested to verify the annual SBC contribution
  - Applicants that rent or lease space must be the entity responsible for paying the electric bill
- Applicants may receive a Comprehensive Audit not more frequent than every two years
- Greenhouse facilities are eligible to receive a benchmarking report and an energy audit report, if desired; separate applications are required
- Farm residences are not eligible for an audit under this PON



### Energy Audit Options:

A farm can request the level of energy audit that best fits their needs. NYSERDA will assign a Flexible Technical Assistance (FlexTech) Program Consultant to visit your farm and perform an energy audit at no cost to the farm. If you need assistance with determining the appropriate audit level, please call 800-732-1399.

Level	Audit Activities	Type of Report that the Farm Receives
Comprehensive	Detailed energy audit	Energy audit report with calculated evaluations of appropriate energy efficiency measures including simple payback; meets ANSI/ASABE S612 standards
Targeted	Energy audit focused on specific systems or energy efficiency measures or renewable energy	System-specific energy analysis report

Items not eligible for study under the Targeted level:

- Audits focused only on demand response/peak load management
- Detailed engineering design
- Lighting only audits and analysis
- Power quality, power factor, and power conditioning audits
- Utility billing error analysis
- Audits focused only on equipment operation and maintenance activities
- Audits focused only on compliance with mandates, laws, and orders where there is no potential for energy savings

### Greenhouse Benchmarking:

A grower can request a greenhouse benchmark report. NYSERDA will assign a Flexible Technical Assistance (FlexTech) Program Consultant to visit your facility, collect data and enter it into the NYS greenhouse database and benchmarking tool to generate a benchmark report. There will be no cost to the greenhouse facility for this service.

## III. Application Requirements

Please complete the Application found in Attachment A or apply online at:

<https://www.nyserdera.ny.gov/All-Programs/Programs/Agriculture-Energy-Audit>

Applications will be processed in the order in which they are received. All applications will be reviewed for eligibility and accepted or rejected at NYSERDA's discretion. The review for eligibility includes confirming the farm pays electric SBC on the enterprise to be audited and meets the USDA farm definition.

Eligibility of farms applying for a Targeted Audit and have previously received a Comprehensive Audit under the Agriculture Energy Audit Program will be determined on a case by case basis.

NYSERDA expects to notify applicants in approximately two weeks from the receipt of an application whether the application has been accepted. An application acceptance letter will be mailed to the applicant upon acceptance, noting the FlexTech Consultant assigned to the audit or to benchmark the facility. The FlexTech Consultant will contact the applicant to arrange a site visit to collect the pertinent information. The Consultant will produce the audit or benchmark report and NYSERDA will send the report to the applicant. The typical time frame from site visit to audit report delivery is three months for the Comprehensive Audit, five months for the Targeted Audit and three months for the Benchmark Report. NYSERDA will pay the FlexTech Consultant fees directly to the Consultant.

#### **IV. General Conditions**

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

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**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx>. Proposers are required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility (this includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

**Tax Law Section 5-a** - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department.

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**Contract Award** - NYSERDA may award Purchase Order(s) to a FlexTech Consultant based on initial applications without discussion or following limited discussion or negotiations. NYSERDA may request additional data or material to support applications. NYSERDA will notify applicants whether the application has been selected to receive an audit or benchmark report. NYSERDA may at its discretion elect to extend and/or add funds to any project funded through this solicitation. NYSERDA expects to notify applicants in approximately two weeks from the receipt of an application whether your application has been selected to receive an award.

NYSERDA may notify the customer's utility or any federal entity of participation in the Agriculture Energy Audit Program in order to facilitate information sharing about potential implementation incentives available.

**Accessibility Requirements** - If awardees from this solicitation will be posting anything on the web, or if the awardee will produce a final report that NYSERDA will post to the web, the following language must be included. NYSERDA requires contractors producing content intended to be posted to the Web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#).

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

## V. Attachments

Attachment A – Application



**NYSERDA**

**ANDREW M. CUOMO**  
Governor

**RICHARD L. KAUFFMAN**  
Chair

**DOREEN M. HARRIS**  
President and CEO

**Energy Efficiency and Clean Technology Training  
Program Opportunity Notice PON 3981  
\$3,900,000 Available**

*NYSERDA reserves the right to extend and/or add funding to the Solicitation should other program funding sources become available.*

**Proposal Due Dates: Round 12 – October 13, 2021; Round 13 – March 10, 2022;  
Round 14 – July 26, 2022; Round 15 – January 18, 2023.  
Due dates beyond are subject to funding availability.**

## **PROGRAM SUMMARY**

### **Overview**

The New York State Research and Development Authority (NYSERDA) is seeking proposals for technical training and education, hands-on experience and job placement services that enable New York State to meet the objectives of the Clean Energy Fund and advance the climate equity and just transition goals of New York's Climate Leadership and Community Protection Act (Climate Act). The purpose of this solicitation is to strengthen the skills of existing workers and students and build a pipeline of skilled talent for the Energy Efficiency and Clean Technology (EE&CT) labor market. Projects funded through this solicitation are intended to develop and/or deliver technical training and relevant education, hands-on experience, and placement into paid internships, apprenticeships, full-time jobs, or advanced formal training to ensure that both new and existing workers, apprentices, journeypersons, and students, as applicable, have the skills, experience, and qualifications required to meet industry demand.

**Total funding for this solicitation is \$3.9 million. It is anticipated that approximately \$2.2 million will be reserved for training activities that support building electrification. Additional funds may be added at NYSERDA's discretion, if available.**

The following EE&CT areas are eligible for funding: High-efficiency heating, ventilation, and air conditioning (HVAC) and water heating; building electrification/heat pump technologies; insulation and air sealing; high-efficiency lighting and controls; building automation and controls; smart grid and energy storage; electric vehicle maintenance and charging station installation; as well as large-scale, land-based renewable energy generation that is actively supported through NY's Clean Energy Standard. Other related areas are evaluated on a case-by-

case basis. Training related to offshore wind is supported through other NYSERDA and New York State initiatives and is not eligible for funding under this PON.

Individuals and entities that may apply for funding include technical high schools; community colleges; universities; trade associations; manufacturers; equipment suppliers; renewable energy project developers and owners; firms and subcontractors that support engineering, procurement, construction, operations and maintenance; renewable energy development service providers; distributors; unions; training and job placement intermediaries; community-based organizations; and non-for-profit organizations with a demonstrated track record in energy-related training, job preparedness and/or placement. Preference will be given to projects that are predominantly led by certified Minority- and Women-Owned Business Enterprises (MWBEs) and/or Service-Disabled and Veteran-Owned Businesses (SDVOBs). Applicants may consist of individual entities or a team of Training Providers. Applicants are encouraged to partner with and/or demonstrate support from energy-related industry partners or companies.

Funds may be used for initiatives that focus on training for targeted EE&CT areas. These include but are not limited to curriculum development or modification; delivering of training (online, classroom, on-site, etc.); training labs and equipment purchases for hands-on training; hiring and training of trainers; test and certification fees; pre-apprenticeships, and apprenticeships; services to place individuals into paid internships, apprenticeships, full-time jobs, or advanced formal training, and training in a language other than English to meet business needs. Additionally, NYSERDA may fund relevant marketing and outreach (up to 10% of total NYSERDA funding) as well as reasonable in-state travel to support eligible training initiatives in the technology areas specified above.

All training must be designed to meet the needs of EE&CT companies within, or providing services to, the System Benefit Charge/Clean Energy Fund (SBC/CEF) territories. Trainees must be students or residents of New York State.

**This solicitation will provide funding to EE&CT projects that fall into any one or both of the following categories:**

1. Training for Existing Workers and Individuals in Formal Training Programs.
2. Career Pathways for New Workers/New Entrants in Clean Energy.

Category 1 projects include those that expand training and skills for existing workers (e.g., contractors, technicians, sales staff) and students in formal training programs (e.g., technical high schools, higher education institutions, industry associations, or union training programs).

Category 2 projects include those that prepare new workers for entry into New York State's clean energy economy.

Training projects under **Category 2** must meet additional requirements related to technical training, wraparound services, representation of Disadvantaged Communities/Priority Populations, industry partnerships, outcome monitoring, and placement post training.

NYSERDA will accept proposals requesting between \$50,000 and \$500,000 in NYSERDA funding. Applicants must contribute a minimum cost share of 30 percent toward the total project budget, either in the form of cash or in-kind services. Proposals that focus exclusively on Disadvantaged Communities and/or Priority Populations will receive higher consideration as well as a reduced cost share requirement of 10 percent. Proposals that include elements of both Category 1 and Category 2 training and exclusively focus on Disadvantaged Communities and/or Priority Populations will also receive higher consideration as well as a reduced cost share requirement of 10 percent for training activities conducted in that respective category.

### **Proposal Submission**

**All proposals must be received by 3pm Eastern Time on the date noted above.** Online submission is preferred. For detailed instructions on how to submit a proposal (online or paper submission), including file requirements, click the link “[Application Instructions and Portal Training Guide \[PDF\]](#)” located on the [PON 3981 solicitation page](#). Should any changes be made to this solicitation, notification will be posted on the “[Funding Opportunities](#)” section of NYSERDA’s website.

### **Contact Information**

For contractual questions regarding this solicitation, please contact Nancy Marucci at 518-862-1090 x3335 or [NancySolicitations@nyserda.ny.gov](mailto:NancySolicitations@nyserda.ny.gov).

For program questions, please contact Gwendolyn Bluemich or Adele Ferranti at [WFinfo@nyserda.ny.gov](mailto:WFinfo@nyserda.ny.gov) or at (518) 862-1090 x3584 and x3206, respectively.

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

## **I. INTRODUCTION**

### **a. Background**

New York's Clean Energy Standard (CES) was initially established in 2016 to fight climate change, reduce harmful air pollution, and ensure a diverse and reliable low carbon energy supply. The New York State Public Service Commission subsequently approved an expansion of the CES to refocus New York's existing regulatory and procurement structure on achieving the goals laid out in New York's nation-leading Climate Leadership and Community Protection Act, or Climate Act. Signed into law in 2019, the Climate Act established a 70 percent renewable electricity by 2030 mandate, setting the State on an ambitious trajectory to a zero-emission power sector by 2040. The law drives investment in clean energy solutions such as wind, solar, energy efficiency, and energy storage, and ensures that at least 35 percent of the benefits from clean energy investments are realized by disadvantaged and low-to-moderate income communities.

The leading authority responsible for advancing New York's clean energy and climate goals is the New York Energy and Research Development Authority (NYSERDA). A public benefit corporation created in 1975, NYSEDA is dedicated to advancing innovative energy solutions in ways that improve New York's economy and environment. NYSEDA develops markets for clean energy, supports technology development, and provides financing to enable economic growth and reduce emissions, to the benefit of communities across the state. As part of its mission, NYSEDA has committed more than \$100 million in funding for a variety of training activities that support workers entering and working in the Energy Efficiency and Clean Technology (EE&CT) industry. Energy efficiency, building electrification, and large-scale renewables are among NYSEDA's highest priorities, and many of its programs aim to eliminate barriers of marginalized communities in furtherance of the climate equity and just transition goals of the Climate Act.

### **b. Objective**

Through this funding opportunity, and in working with training providers across the State, NYSEDA seeks to create a diverse, equitable, and inclusive pipeline of skilled talent for the EE&CT labor market. Projects funded through this solicitation are intended to develop and/or deliver clean energy technical training, hands-on experience, and job placement assistance to both new and existing workers, as applicable, ensuring they have the skills, experience, and qualifications required to meet industry demand. Preference will be given to projects that proactively address the equity gap in the clean energy industry by increasing access to workforce training and skills development opportunities as well as providing hands-on experience and job placement services for members of Disadvantaged Communities and/or Priority Populations. Proposals that focus exclusively on Disadvantaged Communities and/or Priority Populations will receive higher consideration as well a reduced cost share requirement.

For the purposes of this solicitation, "Disadvantaged Communities" and "Priority Populations shall" meet the definitions outlined on NYSEDA's Clean Energy Workforce Development "[Definitions](#)" webpage.



## II. PROGRAM REQUIREMENTS

### a. Eligibility Requirements

#### i) SBC/CEF Territories

All training initiatives must be designed to meet the needs of EE&CT companies within, or providing services to, System Benefits Charge/Clean Energy Fund (SBC/CEF) territories in the State of New York. **Applicants must have a training location and conduct training in SBC/CEF service territory. If training is conducted in a non-SBC/CEF location, applicants must prove that more than 60 percent of trainees either reside, or serve customers, in SBC/CEF service territory.**

Such evidence may consist of the following:

- Proof that attendees participate in a related NYSERDA or SBC utility program (e.g., via program website as a participating provider or letter from a utility, etc.).
- Written attestation that the 60 percent requirement for participants has been or will be met.

The evidence must be provided at the time of application. If a proposal is funded and the 60 percent threshold is not met, NYSERDA's project share and resulting payments may be prorated.

To learn more about the CEF and to confirm whether a training provider pays into the Fund, please consult the NYSERDA "[Funding](#)" website for more information.

#### ii) Training Providers

Individuals and entities ("Training Providers") that may apply for funding include technical high schools; community colleges; universities; trade associations; manufacturers; equipment suppliers; renewable energy project developers and owners; firms and subcontractors that support engineering, procurement, construction, operations and maintenance; renewable energy development service providers; distributors; unions; training and job placement intermediaries; community-based organizations; and non-for-profit organizations. All Training Providers must have a demonstrated track record in energy-related training, job preparedness and/or placement and hold appropriate Training Provider qualifications.

Preference will be given to projects that are predominantly led by certified Minority- and Women-Owned Business Enterprises (MWBEs) and/or Service-Disabled and Veteran-Owned Businesses (SDVOBs). Applicants may consist of individual entities or a team of Training Providers. Applicants are encouraged to partner with and/or demonstrate support from energy-related industry partners or companies. The lead applicant must be registered to do business in New York State and must have a New York State office or training location.

### iii) Technology Areas

The following EE&CT areas are eligible for funding:

- High-efficiency heating, ventilation, and air conditioning (HVAC) and water heating.
- Building electrification/heat pump technologies.
- Insulation and air sealing.
- High-efficiency lighting and controls.
- Building automation and controls.
- Smart grid and energy storage.
- Electric vehicle maintenance and charging station installation.
- Large-scale, land-based renewable energy generation that is actively supported through NY's Clean Energy Standard.
- Other related areas, evaluated on a case-by-case basis.

**All technology areas should have measurable impacts on improving energy efficiency and reducing greenhouse gas emissions in New York State.** Additional target areas related to EE&CT may be considered in the future or addressed in other solicitations if a compelling business case is presented.

**Offshore wind projects are not eligible under this PON. Neither are building electrification/heat pump technologies for Category 2 projects. Offshore wind projects and building electrification/heat pump training for new workers may be eligible for funding under other New York State initiatives and NYSERDA solicitations. Check NYSERDA's "[Current Funding Opportunities](#)" webpage for more information.**

### iv) Training Initiatives

Initiatives and activities for which NYSERDA funding may be used may include, but are not limited to:

- Curriculum or certification development, modification when there is a demonstrated market gap and need.
- Training (online, classroom, on-site, etc.) and certification costs.
- Equipment purchases for hands-on training.
- Hiring and training of trainers.
- Implementation of mentorships and internships.
- Pre-apprenticeships and apprenticeships.
- Services to place individuals into paid internships, apprenticeships, full-time jobs, or advanced formal training.
- Training (development and delivery) in languages other than English to meet specific business needs.
- Marketing and outreach (up to 10% of total NYSERDA funding); and
- Reasonable in-state travel.

Proposals that include and integrate several training elements are more likely to have an impact on addressing skills gaps and be sustainable. As a result, such proposals are more likely to be funded than projects that only include one discrete element. All training initiatives funded under this PON must serve and benefit New York State residents.

Additionally, NYSERDA will evaluate the following services and activities on a case-by-case basis, as justified:

- Costs such as transportation, tutoring, job site equipment (e.g., work boots or tool belts), childcare assistance, or other wrap-around services, particularly for career pathway projects for members of Disadvantaged Communities and Priority Populations.
- Indirect costs, such as training facility or equipment rentals and utilities, provided they are commensurate with the scope of the proposed training project.

Activities that are NOT eligible for funding or cost share include:

- Trainee labor costs to participate in training.
- Costs associated with preparing a proposal.
- Training efforts which have already been undertaken.
- Development of a plan to sustain training after NYSERDA funding has ended.

Activities that are NOT eligible for funding but may be eligible for cost share include reasonable costs for:

- Food and refreshments.
- Computers (and related equipment such as servers, software, etc.) and cell phones.
- Learning Management Systems (LMS) to host virtual training.

The proposed cost share must be relevant to the scope of the proposed project. Learn more about applicants' cost share requirements in **Section II b. Program Budget and Cost Share Requirement** below.

#### v) Categories

This solicitation will provide funding to projects that fall into **any one or both** of the following categories:

1. Training for Existing Workers and Individuals in Formal Training Programs.
2. Career Pathways for New Workers/New Entrants in Clean Energy.

Category 1 projects include those that expand training and skills for existing workers (e.g., contractors, technicians, sales staff) and students in formal training programs (e.g., technical high schools, higher education institutions, industry associations, or union training programs).

Category 2 projects include those that prepare new workers for entry into New York State's clean energy economy.

**Building electrification/heat pump and offshore wind technologies are not eligible for funding for Category 2 projects. Such projects are eligible for funding under other NYSERDA solicitations.**

All training projects, regardless of category, must benefit students or residents of New York State and must have a demonstrable connection to employer or industry needs. These must be documented through letters of support from relevant employers or industry players, labor market data, or other forms of credible direct knowledge of the sector or workforce needs. Evidence of industry demand must be provided specifically for the training under consideration. Additionally, all projects must have a solid and well-documented sustainability plan to ensure continuation of training after NYSERDA funding has completed.

Training projects under **Category 2** must meet the following, additional requirements:

- **Technical Training and Wrap-around Services**: A successful Career Pathways project will include a combination of rigorous and high-quality clean energy education, offered concurrently with and in the same context as workforce preparation activities and training.
- **Representation**: At least 50 percent of trainees must be from Disadvantaged Communities and/or Priority Populations.
- **Industry Partnerships**: The project must include partnerships, demonstrated in letters of commitment, with businesses to provide hands-on training and work experience through paid internships, on-the-job training, pre-apprenticeships, apprenticeships, etc., and have clear job placement goals for all trainees.
- **Outcome Monitoring**: The proposal must include a plan to monitor the achievements of program graduates for at least 12 months after training completion. Achievements may include, but are not limited to, credentials earned, jobs obtained, additional training towards a career path, advancements, wages, and wage growth over the length of the tracking period.
- **Placement**: At least 80 percent of trainees must be placed into a paid internship, apprenticeship, advanced formal training, or full-time job within 6 months of training completion (i.e., within the first 6 months of the 12-month "outcome monitoring period"). Internships and apprenticeships must be related to the proposed training and provide meaningful experience to prepare trainees for continued growth and access to jobs in the EE&CT industry. Trainees are considered all of those individuals who are enrolled at the start of the program. If the 80 percent threshold is not met by the time this monitoring period has ended, NYSERDA payments may be prorated.

For a list of examples of successful Career Pathway projects, please consult the [Example Training Projects page](#) on NYSERDA's Clean Energy Workforce Development website.

## **b. Program Budget and Cost Share Requirement**

Total funding for multiple rounds, denoted by proposal due dates for this solicitation, is \$3.9 million. **It is anticipated that approximately \$2.2 million will be reserved for training activities that support building electrification.** Future rounds of this solicitation may occur subject to availability. Additional funds may be added at NYSERDA's discretion. Should any changes be made to this solicitation, notification will be posted on the "[Funding Opportunities](#)" section of NYSERDA's website.

NYSERDA will accept proposals requesting between \$50,000 and \$500,000 in funding. Additional funding may be awarded to successful projects after the original contract award. NYSERDA anticipates making multiple awards under this solicitation, and all or none of the total available funds may be awarded in any round.

Projects are anticipated to be completed within approximately two years, excluding the 12-month outcome monitoring period for new workers. Upon project completion, NYSERDA will retain 5 percent of project costs, as necessary, to ensure that all applicable project requirements (e.g., 80 percent placement requirement for Category 2 projects) have been met. Any remaining payments may be prorated, as appropriate, based on the level of project completion.

Applicants must contribute a minimum cost share of 30 percent toward the total project budget, which may include "cash" or "in-kind" services. Cost sharing may be borne by the applicant, other team members, and/or other government or private sources. Cost sharing for individual tasks may vary between applicant and NYSERDA; however, total costs must result in a NYSERDA/applicant split of no greater than 70 percent/30 percent. The minimum cost share required for projects exclusively serving Disadvantaged Communities and/or Priority Populations is 10 percent.

Examples of eligible cost share contributions include but are not limited to training fees offset by a third party, materials purchased for training, contributions of direct labor (for which the laborer is paid as an employee), equipment supplied by manufacturers/business for hands-on training, unpaid labor, indirect labor, or other general overhead. Reasonable costs for food and refreshments, computers (and related equipment such as servers, software, etc.), personal devices and cell phones may also be considered as a cost share element.

**Applicants may not claim as cost share wages associated with participants' training time or any expenses that have already been incurred.**

The project budget, including proposed cost share, must be provided **in Attachment E – Budget**.

## **c. Reporting, Tracking and Invoicing Requirements**

Effective and regular communication is essential between selected Training Providers ("Contractors") and the NYSERDA Project Manager. Reporting is required for the Project Manager to measure progress and to assess whether a contractor's invoice may be approved.

Each quarter, Contractors will be required to submit a report, along with an invoice, based on a format provided by the NYSERDA Project Manager, documenting training activities, key program performance metrics, any costs incurred, and cost share contributed over the course of that time frame. Following the conclusion of training activities, Contractors are further required to file a final report summarizing training program outcomes and lessons learned over the course of the project period.

Additionally, to measure and articulate the impact of its workforce initiatives, NYSERDA is partnering with an independent organization to conduct a rigorous, statewide evaluation of its Contractors. If approved, applicants whose proposals are selected will be asked to participate. The evaluation will utilize a random assignment design to select eligible or qualified individuals who will receive training services. This process, similar to drawing names from a hat, is fair and ensures that everyone has the same chance of receiving services. Those who are not admitted will form a control group and may be referred to other non-similar services. It is expected that the evaluation will not reduce the total number of individuals who are served by each training program. Applicants whose proposals are awarded funding and who are selected for this evaluation will have the opportunity to adjust their Statements of Work, Budget, and Schedule accordingly. Additional information will be made available as part of the contracting process.

Required reporting metrics and deliverables as well as invoicing requirements are outlined in **Attachment B – Sample Statement of Work.**

### **III. PROPOSAL REQUIREMENTS**

#### **a. Required Attachments**

A complete proposal must consist of the following attachments:

- A. Proposal Cover Page and Response.
- B. Statement of Work.
- C. Metrics.
- D. Schedule.
- E. Budget.
- F. Industry Letters of Commitment/Support.
- G. Resumes of Key Personnel.
- H. Other Documentation (optional) – e.g., course outlines and syllabi for new courses, and other supporting material as deemed necessary by the applicant.

#### **A. Proposal Cover Page and Response**

The Proposal Cover Page is intended to collect basic information and provide a high-level overview of the applicant's proposal. Included is a commitment by applicants that do not contribute to the CEF to demonstrate that more than 60 percent of individuals trained either live or serve customers in SBC/CEF service territories (see **Eligibility Requirements** in **Section II**

for more information). Such evidence must be provided over the course of the project and included as a deliverable in the applicant's **Statement of Work (Attachment B)**.

For a complete list of terms and conditions, please see **Section V – General Conditions**.

In the Proposal Response, applicants must provide more detailed information about the proposed training initiative. To best meet the needs of different learners as well as individuals from Disadvantaged Communities and/or Priority Populations, applicants are encouraged to “think outside the box” and propose training that accommodates different learners, for example, trainees still in school, transitioning incumbent workers with busy day-time schedules, workers who speak a primary language other than English, etc. Where possible, technical training should be developed and implemented as part of a degree, certificate, continuing education, career pathway, pre-apprenticeship, apprenticeship, or job preparedness program.

**Preference will be given to applicants who can demonstrate the following:**

1. **Existing Materials/Resources:** Ability to leverage existing resources, including training facilities and opportunities for hands-on application of skills on the part of learners.
2. **Education/Career Pathway:** Integration of a degree, certificate, continuing education, career pathway, apprenticeship, pre-apprenticeship, or job preparedness program. Training on professional/soft skills may be combined with technical skills training to meet specific employer needs.
3. **Sustainability:** A viable strategy to ensure that training will be successfully sustained after NYSERDA funding has ended.
4. **Disadvantaged Workers:** Proposals that exclusively serve to advance, place, and integrate individuals from Disadvantaged Communities and/or Priority Populations in the EE&CT labor market.
5. **Applicants:** Projects that are predominantly led by MWBEs and/or SDVOBs.

See **Section VII – Resources** for a list of publications and references that may provide additional background data and information on EE&CT workforce needs to support development of a proposed training project and proposal response.

## **B. Statement of Work**

Applicants must include a detailed Statement of Work (SOW) with their application. The SOW is the primary contractual document that identifies the deliverables and serves as a basis for payment. It is an action document that specifically delineates each step or procedure required to accomplish the outlined tasks. The SOW must be prepared as an ordered set of tasks, including subtasks as necessary, and deliverables. Applicants should describe their approach/methodology and define their rationale for the proposed approach. Each action should be identified, indicating who will perform it, how it will be performed, when it will be performed, and what it is expected to measure/deliver.

Proposals that include elements of both Category 1 and Category 2 training should distinguish these in the SOW by outlining them in different tasks. Requirements for Category 2 will only apply to Category 2-related activities.

Additionally, all applicants are required to incorporate into the SOW specific requirements for quarterly reports as well as a final report upon project completion. See **Attachment B – Sample Statement of Work** for a sample SOW, including guidance on proper use of contractual language and example reporting requirements.

### **C. Project Metrics**

Applicants are required to provide a list of training metrics. How do they define success? Which metrics will they use to track progress and measure project outcomes? **Attachment C** provides a list of sample metrics. Additional metrics may be included, as relevant, to demonstrate the anticipated impact of the proposed project. Metrics will be reported at the individual or client-level.

### **D. Training Schedule**

Applicants must provide a schedule for completing tasks based on tasks and deliverables outlined in their SOW (Attachment B). This schedule may be listed in weeks or months starting from contract execution through contract completion and should include an additional 12-month period for projects in Category 2. The schedule should consist of 12 to 24 months followed by an additional 12-month tracking period for Category 2 career pathway projects. A template is provided in **Attachment D**.

### **E. Budget**

Applicants must complete and submit the **Attachment E – Budget** with their application, including information requested on the Budget Form and the Cost Breakdown Form.

#### **i) Budget Form**

The Budget Form outlines the budget for the proposal, including costs related to labor, direct materials (supplies, equipment and other costs), travel, and subcontractors. The budget must be reasonable and state the portion requested from NYSERDA as well as the portion that is the applicant's responsibility.

#### **ii) Cost Breakdown**

Based on the costs calculated in Budget Form, applicants are asked to provide a cost breakdown (a) **by task** and (b) **by participant**. Cost share may include cash and in-kind funds, as outlined in Section II (“Program Budget and Cost Share Requirement”) above.

Cost sharing by task may vary between applicant and NYSERDA; however, the total cost share must result in no greater than a 70 percent NYSERDA/30 percent Applicant split. Proposals focusing exclusively on Disadvantaged Communities and/or Priority Populations may include an applicant cost share of 10 percent (90 percent NYSERDA).



**Proposals must provide sufficient detail in the “Supplemental Information” section of the Budget Form to justify anticipated costs.** Subcontractors whose share of the project budget is greater than \$50,000 in value must complete a separate Budget Form outlining their anticipated labor costs, time, and materials.

## **F. Industry Letters of Commitment/Support**

Depending on the project, applicants are required to submit either letters of commitment or letters of support from relevant business or industry partners.

Letters of Support serve to attest that the proposed training relates directly to businesses’ future hiring needs (see “Market Gaps & Opportunities” in Attachment A - Proposal Cover Page and Response for more information).

Letters of Commitment serve to reinforce industry partners’ commitment to and outline their role in training projects – a requirement specifically for Category 2. Successful proposals will include an array of letters from employers ready to interview, hire, commit to paid internships, pre-apprenticeships, curriculum development, on-site, hands-on training, and/or other similar experiences. Letters must be custom-tailored and unique to each industry partner. Form letters that include the same language and are signed by multiple partners are not allowed.

## **G. Resumes of Key Personnel**

All proposals must include the resumes of key personnel expected to be involved in the project. Applicants should note any relevant credentials or certifications for instructors.

## **H. Other Documentation (Optional)**

In addition to the above required attachments, applicants are encouraged to submit course outlines or syllabi for any courses proposed and/or any other supporting material as necessary. Any attachments beyond those sufficient to present a complete, comprehensive, and effective response will not influence evaluation of the proposal.

### **b. Proposal Submission**

In compliance with §139-j and §139-k of the State Finance Law (see Section V, General Conditions below for additional information), applicants will be required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility.

**All proposals must be received by 3pm Eastern Time on the date noted above.** Online submission via Salesforce is preferred. Applicants may submit MS Word, Excel or PDF files. Individual files should be 100MB or less in file size. PDF proposals should be searchable and should be created by direct conversion from MS Word, or other conversion utility. Files should not be scanned. For ease of identification, all electronic files must be named using the applicant’s

entity name in the title of the document. If online submission is not possible, NYSERDA will also accept proposals by mail or hand-delivery.

**IMPORTANT: ALL DOCUMENTS SUBMITTED VIA SALESFORCE MUST BE UPLOADED AS ONE SINGLE DOCUMENT PER SLOT. Should multiple documents be required for a given slot (e.g., resumes of key personnel), they must be merged into ONE SINGLE DOCUMENT; otherwise, the documents will risk being overwritten, and the application will be incomplete.**

Incomplete proposals may be subject to disqualification. It is the applicant's responsibility to ensure that all pages have been included in the proposal. Applicants are advised to plan for at least 60 minutes to enter/submit proposals. The online proposal system will close promptly at 3pm Eastern Time. Files in process, attempted edits or submissions after this deadline will not be accepted. **Late, faxed, or emailed proposals will not be accepted.**

For detailed instructions on how to submit a proposal (online or paper submission), including file requirements, click the link "[Application Instructions and Portal Training Guide \[PDF\]](#)" located on the [PON 3981 solicitation page](#). Should any changes be made to this solicitation, notification will be posted on the "[Current Opportunities](#)" section of NYSERDA's website.

### **c. Contact Information**

For contractual questions regarding this solicitation, please contact Nancy Marucci at 518-862-1090 x3335 or [NancySolicitations@nyserda.ny.gov](mailto:NancySolicitations@nyserda.ny.gov).

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

## **IV. PROPOSAL EVALUATION**

### **a. Process & Timing**

Proposals that meet solicitation requirements will be reviewed by a Scoring Committee consisting of NYSERDA staff and staff of relevant external organizations using the Evaluation Criteria below. After the proposals are reviewed, NYSERDA will inform each applicant of the results within approximately eight weeks.

The Scoring Committee reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to limit the number of awards per applicant. NYSERDA may also cancel the PON in part or in its entirety if deemed in its best interest.

**Accepted Proposals:**

Applicants receiving favorable evaluations may be asked to address specific questions or recommendations of the Scoring Committee or make modifications to the SOW, budget, or schedule before being awarded funding. An award under this PON will result in a contract. NYSERDA may award a contract based on applications with or without discussion. See NYSERDA's **Sample Agreement** for the full terms and conditions.

**Denied Proposals:**

Applicants whose proposals have been denied may request a debrief and may reapply under future rounds of this PON.

**b. Evaluation Criteria**

Proposals are evaluated based on the requirements outlined in the PON and based on the quality and content of the application. The Scoring Committee reserves the right to require an interview before final contract award decision to address any potential questions or clarify items outline in the proposals. The Scoring Committee may request additional data or material to support proposals. The Scoring Committee also reserves the right to eliminate from further consideration any proposal deemed to be substantially or materially non-responsive to the requirements of this PON.

**1. Applicant Qualifications – 17 Points**

- **SBC/CEF Territories:** Are proposed training sites located in SBC/CEF utility service territories? If the applicant does not pay into the SBC/CEF, does the proposal demonstrate that at least 60 percent of the students and/or clean energy businesses benefitting from the proposed training initiative either live or serve customers in SBC/CEF territories?
- **Experience:** Which experience do the applicant and any subcontractors have in providing the proposed types of training activities? Does the proposal include resumes of key personnel? Are their education and experience relevant to the training and job placement needs? Do the applicant or any subcontractors have any previous experience partnering with NYSERDA? Are resumes of relevant staff included? Do they provide evidence of relevant qualifications, degrees, certifications?
- **Rate of Success:** What is the applicant's track record of / approach to ensuring job placements and relationships with EE&CT businesses/employers? Which applicant or subcontractor data is available for current or historical programs, including scale/size, completion rates, or placement rates?

**2. Comprehensiveness of Training Proposal: Approach & Management Plan – 20 Points**

- **Training Concept:** How comprehensive is the proposed EE&CT training initiative? Does it clearly outline goals, target audience/category, skills, occupations, and related wages? Is it a stand-alone effort or a combination of services (e.g., counseling, job preparedness,

wrap-around activities)? Does it adequately describe the anticipated format, dates, times, and locations? Does it take into consideration special needs for different populations? Are course outlines and syllabi included for any new/modified courses? Is any other relevant supporting material included?

- **Target Audience:** How well does the proposal identify the audience to be trained? If Category 2, does the proposal target at least 50 percent (or 100 percent for reduced cost share-eligible projects) of individuals from Disadvantaged Communities or Priority Populations?
- **Industry Partnerships:** To which extent does the applicant partner with businesses and meet businesses' hiring and/or training needs? How well defined is the role of industry partners? Do the partnerships include a representative mix of key players in the EE&CT industry? If Category 2, does the proposal include unique and custom-tailored letters of commitment from partnering organizations? Do the letters clearly demonstrate partners' commitment to interview, hire, offer paid internships, (pre-) apprenticeships, curriculum development, on-site or hands-on training and/or other similar experiences?
- **Career Pathway:** Does the proposed training result in an industry-recognized certification, credential, or degree? Does the training prepare students for more advanced courses? Does it create a path to a job? If Category 2, does the proposal have a strategy to ensure that at least 80 percent of individuals are placed into a paid internship, apprenticeship, full-time job, or advanced formal training within 6 months of training completion? Besides training, which other services, if any, will be included as part of the career pathway program (e.g., counseling, job preparedness and placement activities)?
- **Recruitment, Screening & Tracking:** Does the proposal outline a robust strategy to recruit and screen participants (including marketing, outreach, interviewing, and placement)? If Category 2, does the proposal track workers' achievements for at least 12 months once training has been completed? Is the plan adequately documented in the required schedule (for 36 months max)?
- **Metrics/Project Outcomes:** How comprehensive are projected training outcomes? (Depending on the training initiative, program outcomes might include total number of curricula developed; total number of workers to be trained or placed into paid internships/apprenticeships/full-time jobs; and total number to continue on to advanced formal training.)
- **Sustainability:** What are the applicant's plans for sustaining the program once NYSERDA funding is exhausted? Are the plans sufficiently documented? Are they comprehensive?

### **3. Documentation of Market Need – 18 Points**

- **Market Analysis:** Has the applicant clearly outlined the gaps and opportunities in the market, supported by business needs and demands for the proposed training?
- **Evidence/Data:** Has the applicant provided evidence such as labor market intelligence or employer input to show the need for training? Has the applicant submitted any letters of support from businesses that can attest that proposed training relates directly to their future hiring needs?
- **Proposal Relevance:** Does the proposed strategy clearly address the identified skills gaps? Has the applicant adequately described the strategy for building EE&CT training capacity?

(curriculum, trainers, equipment) in NYS that is employer-led and based on the occupational skills necessary to support business demands?

#### **4. Statement of Work (SOW) – 15 Points**

- Objective: Does the SOW include a detailed training objective? Does it adequately prepare participants to fill the stated workforce need in the EE&CT industry?
- Content: Is the SOW thorough, specific, logical, and consistent with NYSERDA program goals and the PON's objectives? Are roles and responsibilities of subcontractor(s) clearly identified?
- Tasks and Deliverables: Does the SOW include tasks and deliverables that address all of the requirements of the solicitation and as outlined in the Proposal Response? Is there enough detail provided for each task in the SOW? Are appropriate metrics built into each deliverable? Does it include separate tasks for Category 1 and Category 2 training, if applicable?
- Evaluation & Reporting: Does the SOW include all applicable evaluation and reporting requirements?

#### **5. Budget/Cost – 20 Points**

- Documentation: Is the budget reasonable and responsive to funding requirements under the solicitation? Does the proposal include the budget and a cost breakdown by task and by participant? Does it include a separate budget form for subcontractors (> \$50K), if applicable? Is the information provided in the supporting schedule sufficiently detailed?
- Resources: Does the applicant have adequate equipment to support classroom or laboratory training that meets industry standards? Are sufficient resources (staff, facilities, equipment, and materials) devoted to each proposed task?
- Cost Competitiveness: Is the training cost per participant reasonable and consistent or competitive with current training opportunities on the market? Are the applicant's costs appropriate when compared to the costs of other comparable proposals and the projected results?
- Cost Share: Is a 30% cost share (or 10% for projects exclusively serving Disadvantaged Communities and/or Priority Populations) included? Is the applicant proposing a cost share higher than 30% (or 10%)? If so, what does the cost share entail? Does the applicant leverage any third-party funds? Is there a complete description for each funding source?

#### **6. Preferred Criteria – 10 Points**

- Existing Materials/Resources: Does the proposal leverage existing resources, including training facilities and opportunities for hands-on application of skills on the part of learners?
- Education/Career Pathway: Does the proposal integrate a degree, certificate, continuing education, career pathway, apprenticeship, pre-apprenticeship, or job preparedness program? Is training on professional/soft skills combined with technical skills training to meet specific employer needs?
- Sustainability: Does the proposal offer a viable strategy to ensure that training will be successfully sustained after NYSERDA funding has ended?

- Disadvantaged Workers: Does the training initiative exclusively serve to advance, place, and integrate individuals from Disadvantaged Communities and/or Priority Populations in the EE&CT labor market?
- Applicants: Is the project predominantly led by certified MWBEs and/or SDVOBs?

### **c. Program Policy Factors**

Additionally, NYSERDA reserves the right to accept or reject proposals based on the following factors:

- Geographical coverage across New York State to ensure that projects selected for funding optimize the use of available funding to achieve programmatic objectives.
- The degree to which the proposed project, including proposed cost shares, optimizes the use of available funding to achieve programmatic objectives.
- Institutional diversity or partnership with minority serving institutions.
- Consideration of the impact on, and benefits to, a diversity of communities, including low-income and rural communities.
- The degree to which the applicant has the resources (human and financial) to be able to complete the project.
- Diversity of awards, including multiple locations and program structures.
- The degree to which the proposed project directly addresses NYSERDA's mission and strategic goals.

## **V. GENERAL CONDITIONS**

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

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

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

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

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

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

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found in the New York State Office of General Services' [Procurement Lobbying Law Frequently Asked Questions \(FAQs\)](#). Proposers are required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility (this includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

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

The Department has created a second form, [ST-220-CA](#), that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See the Department's [Publication 223: Questions and Answers Concerning Tax Law Section 5-a](#) for more information.

**Contract Award** - NYSERDA anticipates making multiple awards under this solicitation. NYSERDA anticipates a contract duration of at least two years, unless NYSERDA management determines a different structure is more efficient based upon proposals received. A contract may be awarded based on initial applications without discussion, or following limited discussion or negotiations pertaining to the Statement of Work. Each proposal should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA may at its discretion elect to extend and/or add funds to any project funded through this solicitation. NYSERDA reserves the right to limit any negotiations to

exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the checklist questions. Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately eight weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

**Accessibility Requirements** - If awardees from this solicitation will be posting anything on the web, or if the awardee will produce a final report that NYSERDA will post to the web, the following language must be included. NYSERDA requires contractors producing content intended to be posted to the Web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#).

**Limitation** - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement. NYSERDA reserves the right to disqualify proposers based upon the results of a background check into publicly available information and the presence of a material possibility of any reputational or legal risk in making of the award.

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

**Vendor Assurance of No Conflict of Interest or Detrimental Effect** - The proposer shall disclose any existing or contemplated relationship with any other person or entity, including any known relationships with any member, shareholders of 5% or more, parent, subsidiary, or affiliated firm, which would constitute an actual or potential conflict of interest or appearance of impropriety, relating to other clients/customers of the proposer or former officers and employees of NYSERDA, in connection with proposer's rendering services as proposed. If a conflict does



or might exist, please describe how your company would eliminate or prevent it. Indicate what procedures will be followed to detect, notify NYSERDA of, and resolve any such conflicts.

The proposer must disclose whether it, or any of its members, or, to the best of its knowledge, shareholders of 5% or more, parents, affiliates, or subsidiaries, have been the subject of any investigation or disciplinary action by the New York State Commission on Public Integrity or its predecessor State entities (collectively, "Commission"), and if so, a brief description must be included indicating how any matter before the Commission was resolved or whether it remains unresolved.

**Public Officers Law** – For any resulting awards, the Contractor and its subcontractors shall not engage any person who is, or has been at any time, in the employ of the State to perform services in violation of the provisions of the New York Public Officers Law, other laws applicable to the service of State employees, and the rules, regulations, opinions, guidelines or policies promulgated or issued by the New York State Joint Commission on Public Ethics, or its predecessors (collectively, the "Ethics Requirements"). Proposers are reminded of the following Public Officers Law provision: contractors, consultants, vendors, and subcontractors may hire former NYSERDA employees. However, as a general rule and in accordance with New York Public Officers Law, former employees of NYSERDA may neither appear nor practice before NYSERDA, nor receive compensation for services rendered on a matter before NYSERDA, for a period of two years following their separation from NYSERDA service. In addition, former NYSERDA employees are subject to a "lifetime bar" from appearing before any state agency or authority or receiving compensation for services regarding any transaction in which they personally participated or which was under their active consideration during their tenure with NYSERDA.

Any awardee will be required to certify that all of its employees, as well as employees of any subcontractor, whose subcontract is valued at \$100,000 or more who are former employees of the State and who are assigned to perform services under the resulting contract, shall be assigned in accordance with all Ethics Requirements. During the term of any agreement, no person who is employed by the contractor or its subcontractors and who is disqualified from providing services under the contract pursuant to any Ethics Requirements may share in any net revenues of the contractor or its subcontractors derived from the contract. NYSERDA may request that contractors provide it with whatever information the State deems appropriate about each such person's engagement, work cooperatively with the State to solicit advice from the New York State Joint Commission on Public Ethics, and, if deemed appropriate by the State, instruct any such person to seek the opinion of the New York State Joint Commission on Public Ethics. NYSERDA shall have the right to withdraw or withhold approval of any subcontractor if utilizing such subcontractor for any work performed would be in conflict with any of the Ethics Requirements. NYSERDA shall have the right to terminate any contract at any time if any work performed is in conflict with any of the Ethics Requirements.

## **VI. ATTACHMENTS**

Attachment A – Proposal Cover Page and Response

Attachment B – Sample Statement of Work

Attachment C – Metrics

Attachment D – Schedule

Attachment E – Budget

## VII. RESOURCES

The following publications and references may provide additional background data and information on EE&CT workforce needs to support development of a proposed training project and proposal response.

- [New York Clean Energy Industry Report](#)
- [Energy Efficiency Jobs in America: 2020](#)
- [2020 U.S. Energy & Employment Report](#)
- [American Council for an Energy-Efficient Economy \(ACEEE\)](#)
  - [State and Local Policy Database: New York](#)

General Labor Market Data and Reports:

- [Burning Glass Technologies](#)
- [Chmura Economics and Analytics](#)
- [Cornell Institute for Social and Economic Research \(CISER\)](#)
- [NYC Labor Market Information Service](#)
- [Indeed](#)
- [NYS Department of Labor \(NYSDOL\)](#)
  - [Labor Statistics](#)
  - [New York State Data Center](#)
  - [Local Workforce Development Boards](#)
- [Regional Economic Development Councils](#)
- [U.S. Bureau of Labor Statistics](#)

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### New York State Energy Research and Development Authority

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

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

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

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



**KATHY HOCHUL**  
Governor

**NYSERDA**

**RICHARD L. KAUFFMAN**  
Chair

**DOREEN M. HARRIS**  
President and CEO

**New York State Clean Energy Internship Program**

**Program Opportunity Notice (PON) 4000**

**\$2.0 Million Available**

**NYSERDA reserves the right to extend and/or add funding to the Solicitation should other program funding sources become available**

**Applications Accepted Through December 30, 2024, by 3:00 PM Eastern Time**

**Program Summary**

Through this program, the New York State Energy Research and Development Authority (NYSERDA) will provide funding to clean energy businesses and organizations hiring interns to perform meaningful work in the clean energy sector. With this Program Opportunity Notice (PON), both clean energy businesses and interns apply to participate in the program. NYSERDA will collect applications from both the businesses and potential interns and verify business and intern eligibility to participate in the program. Accepted businesses and organizations (“Eligible Businesses”) will select, interview, and make an offer to intern candidates. The internship program is designed to provide funding support for new intern hires to introduce eligible individuals to jobs in clean energy careers.

Applications from Eligible Businesses will be accepted on a continuous first-come, first-served basis until funds are expended. Funding may be adjusted depending on demand and availability of additional funds.

Eligible Businesses with up to 100 employees will be reimbursed 90 percent of intern wages up to the stated NYSERDA maximum in Section III - Funding. Eligible Businesses with 101 employees or more are eligible for reimbursement of 75 percent of an intern’s wages, up to the stated NYSERDA maximum in Section III - Funding. Each internship shall be approved on a case-by-case basis, and caps on number of interns per business are outlined in Section III - Funding. NYSERDA retains the right to limit participation in this program, including, but not limited to, the number of interns a business may bring into the program at any time, for any reason.

All Eligible Businesses that participate under this PON must have a business location in New York State. Any intern supported under this PON must work in New York State.

No communication intended to influence this procurement is permitted except by contacting Rebecca Vance (Designated Contact) at (518) 862-1090, ext. 3586 or by e-mail CleanEnergyInternship@nyserda.ny.gov or Adele Ferranti (Designated Contact) at wfinfo@nyserda.ny.gov. If you have contractual questions concerning this solicitation, contact Nancy Marucci (Designated Contact) at (518) 862-1090, ext. 3335 or NancySolicitations@nyserda.ny.gov. Contacting anyone other than the Designated Contacts (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract

## **I. Introduction**

The New York State Clean Energy Internship Program is a workforce development initiative offered through NYSERDA. The program focuses on enhancing the talent pipeline for New York State businesses and organizations engaged in the clean energy industry by facilitating the placement of students, recent graduates, and other eligible individuals considering career opportunities in clean energy into paid internships across the state. The program offers financial support for new internships only. The intern must be a new hire for the business. The intern cannot have been a previous employee at the business in any capacity. NYSERDA reimburses Eligible Businesses for a percentage of the intern's gross wages.

Eligible Businesses must provide a meaningful internship opportunity. A meaningful internship is a form of experiential learning that integrates knowledge and theory learned in the classroom with practical application and skills development in a professional setting for a fixed duration of time. Internships give students the opportunity to gain valuable applied experience and make connections in professional fields they are considering for career paths, and they give employers the opportunity to guide and evaluate talent.

## **II. Eligibility**

### Eligible Businesses

For the purposes of this solicitation, "Eligible Businesses" are defined as energy efficiency and clean technology businesses, organizations, or municipalities that have dedicated energy efficiency or clean technology positions as an integrated part of their business or organizational practices, including start-up companies, or business or labor management organizations working on behalf of energy efficiency or clean technology businesses. Eligible Businesses must be a private for-profit business (including LLPs and LLCs) or a private not-for-profit business. Local municipalities and counties are also eligible to participate.

Eligible Businesses must have at least one physical business location in New York State and provide services related to research, manufacture, design, procurement, installation, operation, commissioning, technical sales, etc., in the following areas:

- Energy Efficiency – including lighting; heating, ventilation, and air conditioning; air source heat pumps; advanced building materials; insulation and air sealing and other high efficiency product and services.
- Renewable Electric Power Generation – including solar, wind, geothermal, low-impact hydropower and, other renewable generation technologies.

- Grid Modernization and Energy Storage – including smart grid, microgrid, demand response management and, grid storage.
- Alternative Transportation – including electric, hybrid, plug-in hybrid and fuel cell/hydrogen vehicles; as well as public transit systems, smart mobility, and transportation demand management strategies that reduce fuel emissions.
- Renewable Fuels – including biofuels such as wood pellets and ethanol.

Businesses and organizations whose central services are not related to clean energy are not eligible to participate, including, but not limited to, internships associated with building operations and maintenance or a sustainability position within a business where their primary business activities are not related to clean energy. Internships in traditional trades positions are not eligible unless the job description and full-time work for the intern demonstrates a direct connection to eligible clean energy technology categories.

To be approved to participate in the program, businesses must:

- Be registered to do business in New York State.
- Have the legal authority to hire employees and conduct business in New York State.
- Have a business address for a formal business location within New York State.
- Provide a meaningful internship, which is work that will introduce the intern to clean energy careers.
- Not be an academic or State or Federal government entity.
- Be in good standing with NYSERDA and the New York State Department of Labor.
  - NYS Department of Labor’s due diligence check ensures that a business or organization is in compliance with all New York State laws for worker protection. To be considered in good standing, a business or organization must: be registered with Unemployment Insurance, Worker’s Compensation and Disability Insurance, and with the New York Department of State, have no active Shared Work plans, be cleared of Labor Standards and OSHA violations, and have no active WARN notices or Trade Act cases. If you have any questions about the due diligence vetting process, they can be directed to the Department of Labor’s due diligence mailbox: [OJTDueDiligence@labor.ny.gov](mailto:OJTDueDiligence@labor.ny.gov).
- Have at least two employees who receive an IRS W-2 form and who work full-time (defined as at least 35 hours per week). See additional requirements related to Business Size below.
- Agree to the Host Business Agreement Terms and Conditions (Attachment A)

Business Size is based on the number of employees of the business who receive an IRS W-2 form and in accordance with the following criteria:

- Principals of corporations and owners of businesses such as sole proprietors or partners are not considered to be employees for this total.
- Workers who are independent contractors, subcontractors, contract employees, or interns cannot be included in the employee count.
- Eligible businesses with multiple branches, locations and/or related companies under separate names with unique Federal Employer Identification Numbers (FEINs) will generally be considered separate eligible businesses but may be considered a single eligible business at the sole discretion of NYSERDA. National or chain accounts are considered a single "eligible business."

- Businesses must have at least two employees who receive an IRS W-2 form and who work full-time (defined as at least 35 hours per week) to meet the 2-employee minimum for participation in the program. Businesses that are New York State registered or New York City certified as a Women-Owned Business Enterprise (WBE)/Minority-Owned Business Enterprise (MBE) or Service-Disabled Veteran-Owned Business (SDVOB) are not subject to the 2 full-time employee minimum.

Businesses or organizations that use outside agencies for payment of employees will be considered on a case-by-case basis. In most cases, those outside agencies will be subject to New York State Department of Labor review as outlined above.

Completing the Business Application and becoming an approved Eligible Business does not guarantee or entitle an organization to receive internship funds. To gain approval for an individual internship, the organization must submit an Internship Application with all required documentation as outlined in under “Program Process.”

### Eligible Interns

For purposes of this solicitation, “Eligible Interns” include:

- Individuals who are currently attending or have attended a degree program at a college or university located in New York State within the last 12 months as of the date of the intern application.
- New York State residents attending or who have attended a college or university outside of New York State within the last 12 months as of the date of the intern application. New York State residency, with proof of residency such as rental agreement or utility bills, must have been established prior to the start of the internship. Interns moving to the state for an internship do not qualify under this category.
- New York State residents who are at least 16 years of age and who are members of a Disadvantaged Community and/or Priority Population<sup>1</sup>.

The Project Manager has discretion in evaluating applications to determine whether current and former educational experience meets the requirements of this solicitation. Internships for New York State residents attending school outside New York State must take place when the intern is living in New York State (e.g., during the summer).

Interns are only eligible for one internship during the program and cannot be hired by multiple employers under this program.

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<sup>1</sup> Definitions of Disadvantaged Communities and Priority Populations are subject to change. For the most up-to-date definition, including an interactive map of Disadvantaged Communities, see the “[Definitions](#)” page of the NYSERDA Workforce Development website.

## Eligible Internships

Once an organization is approved as an Eligible Business and the intern candidate is approved as an Eligible Intern, then the Business must submit an Internship Application to NYSERDA for review and approval for each intern they would like to hire. Program requirements related to eligible internships are as follows:

- Internships must be for a fixed, defined period of time and clearly distinct from full-time permanent positions. Intern compensation must be commensurate with the internship job description and for an engagement of a fixed duration.
- To be eligible as an intern at a participating business and be reimbursed through the program, individuals may not have been previously employed at the host business, either as an intern, contractor, or full-time employee.
- An intern would not receive a standard benefits package offered to a permanent hire, so an employment arrangement that includes a standard benefits and compensation package is not considered to be an eligible internship.
- Interns cannot be hired as 1099 Independent Contractors.
- Interns cannot be a relative of host Business owners/principles/hiring managers. “Relative” shall include the following relationships: relationships established by blood, marriage or legal action. Examples include spouse, mother, father, son, daughter, sister, brother, mother-in-law, father-in-law, sister-in-law, brother-in-law, son-in law, daughter-in-law, stepparent, stepchild, aunt, uncle, nephew, niece, grandparent, grandson or cousin. The term also includes domestic partners (a person with whom the employee’s life is interdependent and who shares a common residence) and a daughter or son of an employee’s domestic partner.
- Internships that primarily consist of business support, marketing, and/or administrative activities must demonstrate that the interns are learning and applying knowledge directly related to clean energy technologies and business practices. Businesses must clearly describe this connection in the individual internship job descriptions submitted to NYSERDA for review and approval.
- Businesses cannot require that interns sign a non-compete agreement as part of their internship employment.
- Internships must be based out of a Host Business’ office location in New York State.
- Interns participating in the program are permitted to work remotely as necessitated by the COVID-19 pandemic. For NYSERDA to approve remote work arrangements, businesses must submit Remote Work Plans to NYSERDA for approval in the Internship Application. Remote Work Plans must detail how the interns will be equipped to collaborate with the business’ staff members, how often they will communicate with the team, and how this interaction will give them practical experience and exposure to clean energy business activities
- Internships may take place on a full- or part-time basis, however reimbursement amounts are based on whether or not the intern is enrolled in any classes during the internship (see Section III - Funding).

### **III. Funding**

Funding is being made available to enhance the talent pipeline through meaningful clean energy internships to students as described above. NYSERDA reserves the right to change or extend and/or add funding should other program funding sources become available.



Funding is allocated on a first-come first-served basis to Eligible Businesses that register, are confirmed as eligible, and have submitted a completed Internship Application. Funding will be allocated until it is exhausted. To check on the availability of funding, please contact [CleanEnergyInternship@nyserdera.ny.gov](mailto:CleanEnergyInternship@nyserdera.ny.gov). Funding for additional interns will not be awarded once the available funding is fully reserved.

Reimbursement will be on a sliding scale depending on the size of the business:

- Percent of intern wage funded by NYSERDA for businesses with up to 100 employees: 90%
- Percent covered for businesses with 101 or more employees: 75%

Intern wages that will be reimbursed can range from the NYS minimum wage at the time of hire to up to \$17.00 per hour (gross wages). Businesses or organizations are able to pay more than \$17.00 an hour, but the NYSERDA share is capped at the reimbursement percentage applied to \$17.00. NYSERDA will not provide reimbursement on overtime wage premiums that go above straight time wages.

Internships must last a minimum of 8 weeks and must be a minimum of 80 total hours. Internships shorter than 8 weeks in total length may be considered on a case-by-case basis for internships conducted as part of Career Pathways training initiatives; however, pre-approval by NYSERDA is required.

Total hours eligible for reimbursement per internship are capped at a maximum of 480 hours or the total of intern hours completed within a 12-month period, whichever is fewer.

If an intern is not taking any classes during the internship, the maximum NYSERDA reimbursement is 40 hours per week on average during the internship. While an intern is taking one or more classes, NYSERDA will only reimburse up to 18 hours per week on average unless the host business receives pre-approval from the NYSERDA Project Manager for additional weekly hours under exceptional circumstances. NYSERDA will not provide reimbursement on paid vacation time or paid holidays. NYSERDA will not provide reimbursement on fringe benefit costs.

If an intern ends their employment before the minimum of 8 weeks or 80 hours are completed, due to the decision of either the business or the intern, businesses should contact [CleanEnergyInternship@nyserdera.ny.gov](mailto:CleanEnergyInternship@nyserdera.ny.gov) to notify NYSERDA of the early termination of the internship. NYSERDA reserves the right to determine whether or not funding reimbursement can be paid for internships terminated early.

Businesses with two or more employees can have up to seven interns participating in the program at one time. The cap for businesses with fewer than two employees that are approved for the program (registered minority-owned, women-owned, and service disabled veteran-owned businesses only) is three interns participating in the program at one time. Registered minority-owned, women-owned, and service-disabled veteran-owned businesses are eligible for the full cap of seven interns at one time if they have two or more employees.

A business can be reimbursed for up to 30 interns over the duration of the program, with the exception of minority-owned, women-owned, and/or service-disabled veteran owned businesses registered with

New York State or certified with New York City who have no cap on the total number of interns they can be reimbursed for over the duration of the program.

Payments will be made to Eligible Businesses only and will be on a reimbursable basis (i.e., the intern must be paid full wages for the reimbursement period before the eligible business requests an allowable reimbursement payment from NYSERDA). The eligible business must submit requests for reimbursement of wages that have been paid in accordance with the approved internships.

Businesses may request reimbursement from NYSERDA for the wages paid to the intern one time at the end of the internship or businesses may request progress reimbursement payments no more frequently than every 12 weeks of intern work. Final reimbursement requests must be submitted within 60 days after the end of the internship.

Applications for funding under this PON are ineligible if other sources of funding, including but not limited to, federal grants or incentives have already been awarded for the exact same staff time or project.

**Please note:** If funding becomes limited, if interest is limited as evidenced by lack of response to this PON, or if there is no longer a valid need for the services, the program may be modified and can be suspended with notice in the New York Contract Reporter and posted on NYSERDA's web site (<http://www.nyserda.ny.gov>). Those applications that are received after the suspension date will not be considered for funding.

#### **IV. Program Process**

##### **1. Business Application**

- a. Businesses register to participate by completing the online business application form: [https://portal.nyserda.ny.gov/CORE\\_CONAPP\\_Program\\_Page?programFamily=Workforce%20Development&programName=Workforce%20Development%20and%20Training](https://portal.nyserda.ny.gov/CORE_CONAPP_Program_Page?programFamily=Workforce%20Development&programName=Workforce%20Development%20and%20Training). The application applies to both the PON 4000: Clean Energy Internship Program and the PON 3982: On-the-Job Training Program. Businesses may be approved for participation in one or both programs.
- b. Submitted Business Applications go through the New York State Department of Labor and internal NYSERDA review and approval process. After 12 months, businesses may be required to submit updated documentation to NYSERDA to verify continued eligible for the program, including current number of employees and office location(s).
- c. NYSERDA notifies businesses via email whether or not they are approved to participate.
- d. If approved, the business is granted access to a directory of approved intern candidates who have applied to the program. Should the business select its own interns, interns will still need to submit an application via the NYSERDA portal and be approved by NYSERDA to be part of the program.

##### **2. Intern Application (Submitted by intern candidate)**

- a. Prospective interns are required to complete an online application through NYSERDA's application portal: [https://portal.nyserda.ny.gov/WFD\\_APPINTAKE\\_Intern\\_Initiation\\_Page](https://portal.nyserda.ny.gov/WFD_APPINTAKE_Intern_Initiation_Page).
- b. All Intern Applications must include a cover letter, resume, and residency documentation.

- c. Transcripts are required for applicants who are current college and university students and recent graduates. Individuals will demonstrate their eligibility in the Disadvantaged Community category via their residency documentation.
  - d. Individuals applying under the other Priority Population categories will self-attest that they qualify under the applicable category, and NYSERDA may require back-up documentation of this status prior to awarding funding for an internship.
  - e. Approved intern applicants' resumes are shared with participating Eligible Businesses until that intern is hired through the program.
  - f. Intern applications stay on file for one year. If an intern is not hired under the program within the year, they may reapply as long as they continue to meet the criteria of an eligible intern.
3. Internship Application (Submitted by business)
- a. A business submits an Internship Application via the NYSERDA portal. Internship Applications must be submitted no later than 30 days after an intern's start date. Applications will not be accepted via email.
  - b. An Internship Application must include:
    - 1. Job Description
      - a. The job description must outline the intern's intended tasks and responsibilities as well as the connection to clean energy. NYSERDA will approve or reject individual job descriptions. A job description must be approved in order for NYSERDA to reserve funds for an individual intern. More than one intern can be hired under the same job description if the position supports multiple interns.
      - b. Businesses may submit job descriptions for interns they plan to hire through the program to the Project Manager at [CleanEnergyInternship@nyserd.ny.gov](mailto:CleanEnergyInternship@nyserd.ny.gov) for review in advance of hiring an intern if they so choose.
    - 2. Signed Offer Letter
      - a. The signed offer letter should be on company letterhead and, at a minimum, state the intern's name, date range to work, primary work location, and wage/hour.
      - b. Businesses may send draft offer letters to NYSERDA at [CleanEnergyInternship@nyserd.ny.gov](mailto:CleanEnergyInternship@nyserd.ny.gov) for review prior to having them signed, if they so choose.
    - 3. Remote Work Plan (if applicable)
  - c. When NYSERDA approves an Internship Application, NYSERDA will notify the business via email, and funding will be reserved for that intern based on the terms of the Internship Application. NYSERDA will only provide reimbursement for approved internships.
4. Reimbursement
- a. At the conclusion of the internship, Eligible Businesses must submit a reimbursement request invoice package via the NYSERDA portal.
    - 1. The Business must submit a fully completed reimbursement package within 60 days after the end of the approved term. NYSERDA may not provide any reimbursements for packages submitted past this date. NYSERDA reserves the right to deny reimbursement funding for a Host Business' internship if a complete reimbursement package is not received by the internship's submission deadline.

2. For internships lasting more than 12 weeks, businesses may submit reimbursement request invoice packages once every 12 weeks. The final payment at the conclusion of the internship will be the final eligible reimbursement amount minus any progress payments.
3. Backup documentation in the form of paycheck stubs and/or a payroll summary showing hours worked, YTD wages, and applicable taxes paid for the intern is for NYSERDA to process a reimbursement request invoice.

## **V. Maintenance of Records**

Businesses must maintain documentation of employment records related to the internship funded through the program. Businesses must maintain and provide documentation on employee totals to NYSERDA upon request.

## **VI. General Conditions**

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

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

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

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

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

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

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

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx>. Proposers are required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility (this includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

**Tax Law Section 5-a** - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department.

The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf>

**Contract Award** - NYSERDA anticipates making multiple award(s) under this solicitation. A contract may be awarded based on initial applications without discussion or following limited discussion or negotiations. NYSERDA may request additional data or material to support applications. NYSERDA may at its discretion elect to extend and/or add funds to any project funded through this solicitation. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the checklist questions. Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify applicants in approximately four weeks from the receipt of an application whether their application has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

**Accessibility Requirements** - If awardees from this solicitation will be posting anything on the web, or if the awardee will produce a final report that NYSERDA will post to the web, the following language must be included. NYSERDA requires contractors producing content intended to be posted to the web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#).

**Limitation** - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement. NYSERDA reserves the right to disqualify proposers based upon the results of a background check into publicly available information and the presence of a material possibility of any reputational or legal risk in making of the award.

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

**IV. Attachment:**

Attachment A: Host Business Agreement Terms and Conditions

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

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

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

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

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



**NYSERDA**

**KATHY HOCHUL**  
Governor

**RICHARD L. KAUFFMAN**  
Chair

**DOREEN M. HARRIS**  
President and CEO

**Career Pathway Training Partnerships for High Efficiency HVAC and Heat Pumps –  
Program Opportunity Notice (PON) 4463  
\$3.7 Million Available**

**Proposal Due Date: April 19, 2022, by 3:00 p.m. Eastern Time.**

### **Program Summary**

New York State Energy Research and Development Authority (NYSERDA) is seeking proposals for hands-on, entry level, technical training programs to help develop a talent pipeline of new workers (e.g., technicians, installers, technical sales) to work in high efficiency heating, ventilation, and air conditioning (HVAC) careers specializing in heat pump technologies, specifically ground source and air source cold climate heat pump applications. While HVAC/heat pump training must be the primary focus, complimentary clean energy training can be included in proposals to support multiple career options for the trainees. Proposals will enable New York State to meet the objectives of the Clean Energy Fund and advance the climate equity and just transition goals of New York's Climate Leadership and Community Protection Act (CLCPA).

The purpose of this solicitation is to fund training providers including but not limited to high schools, unions, trade associations, community based and non-profit organizations and community colleges, who engage high school students, out-of-school youth, and unemployed or underemployed adults in high efficiency HVAC coursework leading directly to jobs or to more advanced technical training, certification, or degrees. Job interviews, job placement preparedness, and other job placement activities will be required elements of each project. It is anticipated that successful proposers will already have HVAC or related training programs and proposals will be focused on expanding into heat pump technologies and recruiting individuals from Disadvantaged Communities or Priority Populations. Proposers are required to have at least 50% of their program trainees be from Disadvantaged Communities or Priority Populations as defined below.

Total funding currently available for this solicitation is \$3.7 million. Additional funds may be provided if available. Proposals seeking the maximum award amount of \$550,000 are required to train a minimum of 50 to 60 individuals. The goal of this PON is that approximately 80% of those enrolled in training be successfully placed in a job, internship, or apprenticeship within 6 months of training completion. Preference will be given to proposals with lower training costs per trainee, a greater number of total individuals to be trained/placed in internships or jobs, and proposals that include leveraging existing training infrastructure and assets such as curriculum, equipment, instructors, etc. A minimum cost share of 10% is required and preference will be given to proposals with higher cost share percentages. Development and implementation of training is expected to be completed within 18 to 30 months, with an additional 12-month period for tracking and monitoring program graduates. Funds may be used for activities including but not limited to curriculum development, training trainers, training labs and equipment, test and certification fees, scholarships, marketing and outreach, and job placement support activities. Funding for internships and on-the-job training placements is not allowed under this solicitation. Funding and incentives for internships and on-the-job training are available to eligible businesses through NYSERDA's PON 4000 and PON 3982 respectively. Successful proposals will be required to leverage these additional funds for internships and on-the job training placements to help trainees get hands-on experience and hired.

## I. Introduction

### **Background**

Thermal energy used in buildings for space heating, hot water, and cooling accounts for 37% of net energy consumption and 32% of all combustion-based greenhouse gas emissions in New York State. Widespread adoption of clean heating and cooling technologies is critical to the achievement of ambitious climate targets. Businesses working in the HVAC market must have an adequate supply of workers with necessary skills, credentials, and experience related to heat pump design, installation, service, and sales for the heat pump market to scale up. Despite the strong growth of New York State's clean energy industry and growing demand for clean energy services, the broader building trades workforce is shrinking. Over the next ten years, many HVAC installers, boiler operators and other skilled trades workers are scheduled to retire. HVAC companies already have trouble filling job openings, and the need for contractors trained and qualified to install heat pumps will likely be compounded by a projected worsening of the HVAC workforce gap in coming years.

Career pathway approaches to workforce development offer articulated education and training steps between occupations in an industry sector, combined with support services, to enable individuals to enter and exit various levels and to advance over time to higher skills, recognized credentials, and better jobs with higher pay. This solicitation will provide funding to training providers to attract individuals to HVAC/heat pump careers and train them in areas including basic, technical and advanced skills as needed to align with HVAC businesses' need for workers. Training providers will be required to develop partnerships with businesses in order to provide real work experience related to HVAC and heat pumps through on-the-job training, internships, pre-apprenticeships or apprenticeships.

### **Proposal Submission**

Online submission is preferable. **PLEASE COMBINE ALL DOCUMENTS INTO ONE SINGLE PDF FOR ONE SINGLE UPLOAD TO SALESFORCE. There is only one slot for upload, if you upload documents individually, you will overwrite each document.** Proposers may submit Word, Excel, or PDF files (file formats include: csv, doc, docx, gif, jpeg, jpg, pdf, png, ppt, pptx, pps, ppsx, tif, txt, xls, xlsx, and zip). Individual files should be 100MB or less in file size. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility. Files should not be scanned. For ease of identification, all electronic files must be named using the proposer's entity name in the title of the document. NYSERDA will also accept proposals by mail or hand-delivery if online submission is not possible. For detailed instructions on how to submit a proposal (online or paper submission), click the link "Application Instructions and Portal Training Guide [PDF]" located in the "Current Opportunities" section of NYSERDA's website (<https://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx>).

No communication intended to influence this procurement is permitted except by contacting Darina Mayfield at (518) 862-1090, ext. 3672, or Adele Ferranti, (518) 862-1090, ext. 3206, or by email [WFinfo@nyserda.ny.gov](mailto:WFinfo@nyserda.ny.gov). If you have contractual questions concerning this solicitation, contact Nancy Marucci at (518) 862-1090, ext. or by email [NancySolicitations@nyserda.ny.gov](mailto:NancySolicitations@nyserda.ny.gov). Contacting anyone other than the Designated Contacts (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer's behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offeror, and (2) may result in the proposer not being awarded a contract.

### **Terms and Definitions**

*Career Pathway:* In general, the U.S. Department of Labor refers to a career pathway as a combination of rigorous and high-quality education, training, and other services that— (A) aligns with the skill needs of industries in the economy of the State or regional economy involved; (B) prepares an individual to be successful in any of a full range of secondary or postsecondary education options; (C) includes counseling to support an individual in achieving the individual's education and career goals; (D) includes,



as appropriate, education offered concurrently with and in the same context as workforce preparation activities and training for a specific occupation or occupational cluster; (E) organizes education, training, and other services to meet the particular needs of an individual in a manner that accelerates the educational and career advancement of the individual to the extent practicable; (F) enables an individual to attain a secondary school diploma or its recognized equivalent, and at least one (1) recognized postsecondary credential; and (G) helps an individual enter or advance within a specific occupation or occupational cluster. For specific career pathway requirements under this solicitation see the Program Requirements section below.

*Disadvantage Communities:* For the most up-to-date definition, including an interactive map, see the "[Disadvantaged Communities](#)" page on the NYSERDA website.

*Priority Populations:* For the most up-to-date list of Priority Populations, see the "[Definitions](#)" page on the NYSERDA website.

*Technical Training:* Refers to the delivery of competency-based, hard-skilled training courses to meet critical clean energy, energy efficiency and high efficiency HVAC/heat pump skill development needs, including topics specific to ground source and air source cold climate heat pump applications.

*Certifications:* Refers to a voluntary system of standards, usually set by key stakeholders and subject matter experts that practitioners can choose to meet in order to demonstrate accomplishment or ability in their profession.

*Internship:* Defined as paid, professional, structured learning experiences that offer meaningful practical work related to a student's field of study or career interest. Internships allow students to obtain real-world experience in the workplace to prepare them for entry into the job market. Internships may include a combination of hands-on experience, on-the-job and/or technical training. **Wage subsidies for internship placements are not eligible for funding under this solicitation. However, funding for internships is available to eligible businesses through NYSERDA PON 4000.**

*On-the-job Training (OJT):* Defined as a form of training provided at the workplace during which trainees/employees are introduced to their work environment and acquire the skills they need to perform their work on the job. OJT may include the development of professional/"soft" skills such as communication, leadership, or team management or "hard" skills using machinery, equipment, tools, and other materials ("technical training"). **Wage subsidies for OJT placements are not eligible for funding under this solicitation. However, OJT incentives are available to eligible businesses through NYSERDA PON 3982.**

*Note:* PON 4000 incentives can be combined with PON 3982 for workers that are hired by an eligible business after an internship.

*Apprenticeship:* Defined as an employer-driven, occupational training model. Apprenticeship programs provide on-the-job training from an experienced mentor and related classroom instruction on the technical and academic aspects of a job. The training is rooted in industry skill standards and competencies and is typically registered by the New York State Department of Labor. Apprenticeship programs help companies successfully recruit, develop and retain a highly skilled workforce for the jobs they need filled.

## II. Program Requirements

### **Funding**

Total funding currently available for this solicitation is \$3.7 million. Additional funds may be provided if available. Proposals seeking the maximum award amount of \$550,000 are required to train a minimum of 50 to 60 individuals. The goal of this PON is that approximately 80% of those enrolled in training be successfully placed in a job, internship, or apprenticeship within 6 months of training completion (i.e., within the first 6 months of the 12-month outcome monitoring period). If the 80% threshold is not met

when an initiative is implemented, payments made through a contract may be prorated. Preference will be given to proposals with lower training costs per person and a greater number of total participants to be trained and proposals that include leveraging existing training infrastructure and assets such as curriculum, equipment, instructors, etc. Development and implementation of training is expected to be completed within 18 to 30 months, with an additional 12-month period for tracking and monitoring program graduates. NYSERDA will retain up to 10% of the total contract amount, as necessary, to ensure that all applicable project requirements have been met. Any remaining payments may be prorated, as appropriate, based on the level of project completion.

A minimum cost share of 10% is required and preference will be given to proposals with higher cost share percentages. Cost share can be in the form of cash, labor costs, equipment donations, training fees offset by a third party, training organization staff salaries, etc. NYSERDA will not pay for efforts which have already been undertaken. The proposing team cannot claim as part of their required 10% cost share any expenses that have already been incurred. Proposals requesting more than \$550,000 will not be considered. Additional funding may be added to successful projects after the original contract award. Funds may be used for activities including but not limited to curriculum development, training trainers, training labs and equipment, test and certification fees, scholarships, marketing and outreach, and job placement support activities. **Funding for internships and on-the-job training placements is not allowed under this solicitation.** Funding and incentives for internships and on-the-job training are available to eligible businesses through NYSERDA's PON 4000 and PON 3982 respectively.

This program is supported with System Benefits Charge (SBC)/Clean Energy Fund (CEF) funding. SBC/CEF service territory consists of areas with electric service provided by Central Hudson Gas and Electric Corp., Consolidated Edison Company of NY, Inc., NYS Electric and Gas Corporation, National Grid, Orange and Rockland Utilities, Inc., and Rochester Gas and Electric. All training initiatives must be designed to meet the needs of energy efficiency and clean technology companies within, or providing services to, SBC/CEF territories in the State of New York. Proposers must have a training location and conduct training in SBC/CEF service territory. If training is conducted in a non-SBC/CEF location, applicants must prove that more than 60% of trainees either reside, or serve customers, in SBC/CEF service territory. If the 60% threshold is not met when an initiative is implemented, NYSERDA payments may be prorated. Such evidence may consist of the following:

- Training roster with addresses of trainees (either as part of pre- and post-training surveys as outlined in Attachment D – Sample Agreement, or as a separate document);
- Proof of participation in a related NYSERDA or SBC utility program (e.g., via program website as a participating provider or letter from a utility, etc.).

The evidence must be included as a deliverable in the applicant's Statement of Work and provided prior to invoicing, if a contract is awarded (see Attachment D – Sample Agreement for more information). To learn more about the CEF and to confirm whether a training provider pays into the Fund, please consult the NYSERDA "[Funding](#)" website for more information.

Food and refreshments, computers (and related equipment such as servers, software, etc.), clothing, motor vehicles of any kind, trailers, personal devices and cell phones are not eligible for NYSERDA funding. In addition, costs such as tutoring, childcare assistance, or other wraparound services are not allowable costs for NYSERDA payments but can be used to meet the cost share requirements of this PON.

While wraparound services are not typically eligible for funding, clearly defined and justified wraparound services will be evaluated and considered on a case-by-case basis. For example, public transportation costs for trainees from Disadvantage Communities and/or Priority Populations may be considered.

### **Eligibility**

NYSERDA seeks to support established training programs that can demonstrate experience in entry-level technical training for high efficiency HVAC/heat pump technologies. Training providers such as high

schools, unions, trade associations, NYS registered apprenticeship programs, community based and non-profit organizations, and community colleges are eligible for funding under this solicitation. **Collaboration is encouraged between training providers and other organizations.** All eligible training providers must possess the following minimum basic qualifications:

- Credentialed and knowledgeable team with documented and relevant experience in curricula development, delivery and maintenance, and evidence-based learning techniques.
- Experience with implementing training as part of a career pathway that leads to additional training, certification, degree, continuing education credits, job experience or job placement.
- Experience with or a strategy for engaging business and industry partners and professional organizations in program activities such recruitment, job/internship placement, etc.
- Ability to deliver training and related program activities to NYS residents including having sufficient equipment and lab space to facilitate hands-on learning.
- Capacity to bring on additional resources as necessary to meet programmatic needs.
- Experience in integrating new material into existing curricula and/or developing new stand-alone curricula approved by the NYS Department of Education for use at post-secondary education levels.
- Accreditation by the NYS Education Department and/or training program accreditation by a nationally recognized third-party entity.
- Ability to reach individuals from Disadvantaged Communities or Priority Populations.

### **Career Pathway Requirements**

A successful career pathway program will have a combination of rigorous and high-quality education, offered concurrently with and in the same context as workforce preparation activities and training. It is anticipated that successful proposing teams will already have HVAC or related training programs and proposals will be focused on expanding into heat pump technologies and recruiting individuals from Disadvantaged Communities or Priority Populations. To be eligible for funding, the proposed career pathway program must:

- Align with the basic, technical, and advanced skill needs of employers within the high efficiency HVAC industry. Education and training must address heat pump basics (e.g., types of systems, applications for heating in cold climates), load calculations and load matching, system design, and thermostats and integrated controls.
- Train a minimum of 50 to 60 individuals if seeking the maximum award amount of \$550,000.
- Successfully place approximately 80% of those enrolled in training in a job, internship, or apprenticeship within 6 months of training completion. If the 80% threshold is not met when an initiative is implemented, payments made through a contract may be prorated.
- Have projected program outcomes including total number to be trained; total number of participants that complete training and obtain relevant credentials, as appropriate, total number to be placed in internships, apprenticeships, and jobs; total number interviewed by employers; and total number to go on to receive advanced training or higher education.
- Offer coursework leading to entry-level jobs, internships, and apprenticeships or more advanced technical training, certification, or degrees designed to ready trainees primarily for entry-level employment (e.g., technicians, installers, technical sales) in the high efficiency HVAC or other related clean energy industries.
- Leverage new, existing, or modified instructor-led classroom, online, or hybrid/blended curriculum and education/training delivery, including opportunities for hands-on application of skills on the part of learners.
- Utilize existing training facilities as much as possible to leverage funds and applicable work that has already been done.
- Provide counseling to support the student in achieving their education and career goals relevant to their coursework, including providing job preparedness and placement activities.
- Have a plan for training guidance counselors and other support staff where applicable.

- Develop partnerships with businesses to provide real work experience through on-the-job training, internships, pre-apprenticeships, and apprenticeships, etc.
- Have a plan for tracking trainees placed in jobs, internships, pre-apprenticeships, and apprenticeships, etc. for a minimum of 12 months after completion of the training program.
- Market to target audiences with a focus on disadvantaged populations and have at least 50% of their trainees be from a Disadvantaged Community or Priority Population as defined above.
- If applicable, demonstrate that more than 60% of trainees either reside, or serve customers, in SBC/CEF service territory (see Funding section above).
- Leverage PON 4000 and PON 3982 funds for internships and on-the job training placements to help trainees get hands-on experience and hired.
- Have a plan to become self-sustaining once NYSERDA funding is exhausted.

### **Reporting and Tracking Requirements**

Reporting is essential to communication between the selected training provider and the NYSERDA Project Manager. Reporting is necessary to measure progress and as a basis upon which the Project Manager assesses whether or not to approve the Contractor's invoice. Quarterly reporting on training activities and key program performance metrics must be submitted to NYSERDA, as well as a final report with training program outcomes for a 12-month period following the conclusion of training activities. NYSERDA will provide the report format.

Quarterly reports shall be completed based on a template provided by NYSERDA and shall include, but not be limited to, the following information:

- Project progress, including findings, data, analyses, and results from all tasks carried out in the covered period:
  - Information shall be provided in sections labeled as Task 1 (a, b, c), Task 2 (a, b, c), etc.
- Feedback from instructors delivering training:
  - Identification of issues or concerns
  - Planned solutions
  - Areas where NYSERDA assistance is needed
- Status of curriculum updates, including submission of revised syllabus (if applicable)
- Metrics:
  - Training data (e.g., number of individuals trained), as directed by Project Manager
  - Summary of recruitment and training efforts
  - Complete list of courses conducted during the reporting period, including course titles, dates, instructor names, and locations where the training sessions were held
  - Internship/apprenticeship/job placement results
- Completed pre- and post-training surveys
- List of materials purchased, if applicable

### **III. Proposal Requirements**

Proposers must submit the following materials as attachments to their proposal. **PLEASE COMBINE ALL DOCUMENTS INTO ONE SINGLE PDF FOR ONE SINGLE UPLOAD TO SALESFORCE. There is only one slot for upload, if you upload documents individually, you will overwrite each document.**

- Attachment A – Cover Sheet (see more detail below)
- Responses to Attachment B – Project Questions (see more detail below)
- Letters of commitment of letters and letters of support from relevant business or industry partners
  - Letters of commitment serve to reinforce industry partners' commitment to and outline their role in training projects. Successful proposals will include an array of letters from employers ready to interview, hire, commit to paid internships, pre-apprenticeships, curriculum development, on-site, hands-on training, and/or other similar experiences.

Letters must be custom-tailored and unique to each industry partner. Form letters that include the same language and are signed by multiple partners are not allowed.

- Letters of Support serve to attest that the proposed training relates directly to businesses' future hiring needs.
- Course outline and syllabus for any courses proposed.
- Resumes of key personnel who will complete tasks described in the Statement of Work.
- Statement of Work (see more detail below)
- Schedule (see more detail below)
- Attachment C – Budget Form (see more detail below)
  - With Subcontractor Budget Detail (if applicable)
- Cost Breakdown by Task (see more detail below)
- A list of NYSERDA contracts within the past 4 years that your organization and/or team members have received.
- Other supporting material deemed necessary by the proposer.

### **Attachment A – Cover Sheet**

#### Applicant Eligibility

- Does your project ensure that more than 60% of trainees either reside, or serve customers, in SBC/CEF service territory?
- Are you proposing to deliver a hands-on, entry level training program designed to help develop a talent pipeline of new workers (e.g., technicians, installers, technical sales) that is aligned with the basic, technical, and advanced skills needed by employers to work in high efficiency heating, ventilation, and air conditioning (HVAC) careers specializing in heat pump technologies including cold climate heat pump applications?

#### Proposal Metrics

- What is the total number of unique individuals anticipated to be recruited, start and successfully complete training?
- If requesting the maximum award amount of \$550,000, are you proposing to train a minimum of 50 to 60 individuals?
- What is the cost per trainee?
- How many trainees will be placed in internships, apprenticeships, and jobs?

### **Attachment B – Project Questions**

1. Give a brief description of the proposed project including project objectives.
2. What experience do you have in developing career pathways and providing entry-level technical training in clean energy and job placement activities? What current activities does this proposal build upon and where does this training fit within the overall curriculum offered by the institution, including training progression opportunities? Are you proposing to successfully place approximately 80% of those enrolled in training in a job, internship, or apprenticeship within 6 months of training completion?
3. What partnerships exist now or will be developed (e.g., other training providers, business/industry, professional associations, NYSDOL Career Centers, etc.)? **Response must clearly identify the roles and responsibilities of subcontractor(s) included in the proposed training program.**
4. What experience do you have in designing, developing, or modifying and evaluating relevant curricular materials? Describe the proposed career pathway curriculum and explain how it will be used and/or modified. How are business and industry partners involved in the development and update of curricular materials?
5. How and where will training be delivered (i.e., classroom, lab, online, blended model)? What does the hands-on component of the training entail? How will classes be scheduled and how will participants register?

6. What equipment will be required and is it available now? If not, how will the necessary equipment be procured? How will the equipment be used by training participants and/or instructors?
7. Does the proposed training result in a nationally recognized certification, if appropriate? If there is no national certification for training offered, how is the training evaluated for quality and industry demand? How will any newly developed or modified curricular materials be evaluated and improved?
8. Besides training, what other services will be included as part of the career pathway program (e.g., counseling, job preparedness and placement activities)?
9. What are the qualifications of your instructors and supporting staff? How is the quality of instruction maintained?
10. What is your experience recruiting and training individuals from Disadvantaged Communities and/ or Priority Populations? What marketing methods will be used to target and recruit individuals from Disadvantaged Communities or Priority Populations and who will be responsible for these efforts? Are at least 50% of targeted program participants from a Disadvantaged Community or Priority Population as detailed in the solicitation?
11. How will participants be screened? What will trainees need to succeed in this program? How will student needs be addressed and how will performance be evaluated?
12. How will you track program requirements and outcomes during the program and for 12 months after the completion of the program?
13. What are your sources of funding for the cost share required and other funding? Are you leveraging third party funds? If so, please describe. Are you leveraging PON 4000 and PON 3982 funds for internships and on-the job training placements to help trainees get hands-on experience and hired?
14. How will the program be sustained after the scope of services is complete and NYSERDA funds are no longer available?

### **Statement of Work**

Proposers must include a detailed Statement of Work (SOW) with their application. The SOW is the primary contractual document that identifies the deliverables and provides a basis for payment. It is an action document that specifically delineates each step or procedure required to accomplish the tasks outlined. The SOW must be prepared as an ordered set of tasks, including subtasks as necessary. The proposers should describe their approach/methodology and define their rationale for the proposed approach. They should describe the actions they will take to complete each task and the anticipated outcome of each task. Each action should, therefore, be identified, indicating who will perform it, how it will be performed, when it will be performed, and its anticipated measurable deliverables. See Attachment D – Sample Agreement for a sample Statement of Work. Use the following format to describe each task or subtask:

Task 1: Task Title

The Contractor shall...

The Task 1 deliverable is....

### **Schedule**

The proposer must provide an anticipated schedule for completing tasks. This schedule can be in weeks or months from contract execution and should be a maximum of 18 to 30 months for developing and implementing training. The schedule should include an additional 12-month period for tracking and monitoring program graduates. The schedule should correspond to the individual tasks and budget.

Schedule example:

Task No.	Title or Description	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8
1.	Develop Curriculum								
2.	Recruit								
3.	Conduct Training								
4.									
5.									

### **Attachment C – Budget Form**

The proposer must complete and submit the Attachment C – Budget Form with their application. The Attachment C – Budget Form details the budget for the proposal and shows costs related to labor, direct materials (including supplies, equipment and other costs), travel, and subcontractors. If applicable, the Attachment C – Budget Form should also include subcontractor budget detail (for each proposed subcontractor) including a breakdown of labor rates and hours, as well as subcontractor cost breakdown by task. The budget must be reasonable and must show the portion being requested from NYSERDA and the portion that is the proposer's or proposing team's responsibility. Work completed or costs incurred prior to NYSERDA's execution of a contract are ineligible for funding or for consideration as cost share.

**For more information on funding, cost share, and allowable expenses please see the Funding section above.**

### **Cost Breakdown by Task**

The proposer must provide total cost breakdown between applicant cost share and NYSERDA cost share for each task detailed in the SOW. A minimum cost share of 10% is required from the proposer. Cost sharing for individual tasks may vary between applicant and NYSERDA, however, total cost must result in no more than a 90% NYSERDA/10% Applicant split. Proposers should show the cost sharing plan in the following format:

<b>Task X (complete for all tasks) Budget Categories</b>	<b>Applicant Cost Share</b>	<b>NYSERDA Cost Share</b>	<b>Total</b>
1. Labor	\$	\$	\$
2. Direct Materials, Supplies, Equipment & Other Costs	\$	\$	\$
3. Travel	\$	\$	\$
4. Subcontractors	\$	\$	\$
<b>Total</b>	\$	\$	\$

## **IV. Proposal Evaluation**

Proposals that meet solicitation requirements will be reviewed and evaluated by a Scoring Committee consisting of NYSERDA staff and selected outside reviewers including the Workforce Development Initiative interagency review committee. All references to the "proposer" below apply to the proposer and any additional team members. Final rankings and contract awards will be based on the below Evaluation Criteria, listed in order of importance. After proposals are reviewed by the Scoring Committee, NYSERDA will notify each proposer whether or not the proposal was favorably evaluated (within approximately 10 weeks).

NYSERDA reserves the right to require an interview before final contract award decision. NYSERDA also reserves the right to eliminate from further consideration any proposal deemed to be substantially or

materially non-responsive to the requirements of this PON or the requests for information contained herein. Furthermore, NYSERDA reserves the right to select projects for funding based on the geographical coverage across New York State to ensure that projects selected for funding optimize the use of available funding to achieve programmatic objectives.

## **Evaluation Criteria**

### **Relevant Experience and Qualifications**

- What is the proposer's track record of / approach to ensuring job placements and relationships with clean energy businesses/employers? Does the proposer have at least three letters of commitment or support from businesses who have hired individuals from their energy-related training in the past and who can attest that proposed training relates directly to their future hiring needs?
- What experience does the proposer have in developing career pathways, implementing entry level technical training in clean energy, and providing job placement activities? Are key personnel's education and experience relevant to the training and job placement needs? Does the proposal include resumes of key personnel and instructors?
- Does the proposer demonstrate appropriate experience designing, developing, or modifying and evaluating relevant curricular materials in response to industry stakeholder needs?
- Does the proposed training and job placement activities prepare participants for an internship, apprenticeship or for entry level employment in the high efficiency HVAC industry?
- Are training sites located in NYS and does the proposer have adequate equipment to support classroom or laboratory training that meets industry standards? Are sufficient resources (staff, facilities, equipment, and materials) being devoted to the SOW and each proposed task?
- Does the proposer have a letter(s) of commitment and support from partnering organizations? Are roles and responsibilities of subcontractor(s) clearly identified?
- What is the proposer's previous experience with NYSERDA, if any? Did they provide a list of NYSERDA contracts within the past 4 years that their organization and/or team members have received?

### **Statement of Work (SOW)**

- Is the SOW thorough, specific, logical, and consistent with NYSERDA's program goals and the PON's objectives?
- Is the SOW appropriate in its approach to market and deliver quality training and job placement activities?
- Does the SOW include tasks that address all the requirements of the PON? Is there enough detail provided for each task in the SOW?
- Does the SOW include all metrics reporting requirements?
- Does the proposer provide a schedule and complete development and implementation of training within approximately 18 to 30 months? Does the schedule include an additional 12-month period for tracking and monitoring program graduates?

### **Comprehensiveness of Approach and Management Plan**

- How comprehensive are the technical training and job placement activities being proposed? Are any additional range of services (e.g., counseling, job preparedness activities) included?
- How comprehensive are projected program outcomes including total number to be trained; total number to be placed in internships; total number to be placed in apprenticeships; total number to be placed in jobs; and total number to go on to receive advanced training or higher education?
- Is the geographic range of training delivery and job/internship/apprenticeship placements detailed?
- If requesting the maximum award amount of \$550,000, does the proposal seek to successfully train a minimum of 50 to 60 individuals?



- Will approximately 80% of those enrolled in training be placed in a job, internship, or apprenticeship within 6 months of training completion?
- Are at least 50% of targeted program participants from a Disadvantage Community or Priority Population as detailed in the solicitation? How well does the proposer detail their strategy to engage individuals from Disadvantaged Communities or Priority Populations and reach the 50% threshold required? How well does the proposer demonstrate stringent screening of any potential training participants?
- If applicable, how well does the proposer demonstrate that more than 60% of trainees either reside, or serve customers, in SBC/CEF service territory?
- Is the course content, in keeping with NYSERDA's requirement, appropriate in preparing participants for work in the intended occupation and for more advanced technical training or entry-level employment? Is a course outline and syllabus provided for all courses proposed?
- Does the proposed training result in a nationally recognized certification, if appropriate? If there is no national certification for training offered, how well is the training evaluated for quality and industry demand?
- Does the proposal's management plan include coordination and interaction with all of the relevant parties (partners, local resources, and other programs) and is the coordination well developed?
- How comprehensive is the plan for training guidance counselors and other support staff where applicable?
- What are the plans for sustaining the program once NYSERDA funding is exhausted?

#### **Cost**

- Is the budget reasonable and responsive to funding requirements under the solicitation? Does the proposal include the Attachment C – Budget Form, subcontractor budget detail (if applicable), and a cost by task breakdown?
- Is the total number to be trained adequate? Is the training cost per trainee reasonable?
- Is 10% cost share included? Is the proposer proposing a cost share higher than 10%? How will it be provided? Does the proposer leverage any third-party funds? Is there a complete description for each funding source?
- Is the proposer leveraging PON 4000 and PON 3982 funds for internships and on-the-job training placements to help trainees get hands-on experience and hired?
- Are the proposer's costs appropriate when compared to the costs of other comparable proposals and the projected results?

#### **Program Policy Factors**

Additionally, NYSERDA reserves the right to accept or reject proposals based on the following factors:

- Geographical coverage across New York State to ensure that projects selected for funding optimize the use of available funding to achieve programmatic objectives.
- The degree to which the proposed project, including proposed cost shares, optimizes the use of available funding to achieve programmatic objectives.
- Institutional diversity or partnership with minority serving institutions.
- Consideration of the impact on, and benefits to, a diversity of communities, including low-income and rural communities.
- The degree to which the applicant has the resources (human and financial) to be able to complete the project.
- Diversity of awards, including multiple locations and program structures.
- The degree to which the proposed project directly addresses NYSERDA's mission and strategic goals.
- The applicant's performance on current or past NYSERDA contracts

#### **V. General Conditions**

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

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

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

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

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

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

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx>. Proposers are required to answer questions during proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility (this includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

**Tax Law Section 5-a** - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department.

The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf>.

**Contract Award** - NYSERDA anticipates qualifying multiple contractors under this solicitation. NYSERDA anticipates a contract duration of approximately three years, unless NYSERDA management determines a different structure is more efficient based upon proposals received. A contract may be awarded based on initial applications without discussion, or following limited discussion or negotiations pertaining to the proposal. Each proposal should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the Sample Agreement to contract successful proposals. NYSERDA may at its discretion elect to extend and/or add funds to any project funded through this solicitation. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the checklist questions. Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately 10 to 12 weeks from the proposal due date whether your proposal has been qualified. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

**Accessibility Requirements** - If awardees from this solicitation will be posting anything on the web, or if the awardee will produce a final report that NYSERDA will post to the web, the following language must be included. NYSERDA requires contractors producing content intended to be posted to the Web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#).

**Limitation** - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement. NYSERDA reserves the right to disqualify proposers based upon the results of a background check into publicly available information and the presence of a material possibility of any reputational or legal risk in making of the award.

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

**Vendor Assurance of No Conflict of Interest or Detrimental Effect** - The proposer shall disclose any existing or contemplated relationship with any other person or entity, including any known relationships with any member, shareholders of 5% or more, parent, subsidiary, or affiliated firm, which would

constitute an actual or potential conflict of interest or appearance of impropriety, relating to other clients/customers of the proposer or former officers and employees of NYSERDA, in connection with proposer's rendering services as proposed. If a conflict does or might exist, please describe how your company would eliminate or prevent it. Indicate what procedures will be followed to detect, notify NYSERDA of, and resolve any such conflicts.

The proposer must disclose whether it, or any of its members, or, to the best of its knowledge, shareholders of 5% or more, parents, affiliates, or subsidiaries, have been the subject of any investigation or disciplinary action by the New York State Commission on Public Integrity or its predecessor State entities (collectively, "Commission"), and if so, a brief description must be included indicating how any matter before the Commission was resolved or whether it remains unresolved.

**Public Officers Law** – For any resulting awards, the Contractor and its subcontractors shall not engage any person who is, or has been at any time, in the employ of the State to perform services in violation of the provisions of the New York Public Officers Law, other laws applicable to the service of State employees, and the rules, regulations, opinions, guidelines or policies promulgated or issued by the New York State Joint Commission on Public Ethics, or its predecessors (collectively, the "Ethics Requirements"). Proposers are reminded of the following Public Officers Law provision: contractors, consultants, vendors, and subcontractors may hire former NYSERDA employees. However, as a general rule and in accordance with New York Public Officers Law, former employees of NYSERDA may neither appear nor practice before NYSERDA, nor receive compensation for services rendered on a matter before NYSERDA, for a period of two years following their separation from NYSERDA service. In addition, former NYSERDA employees are subject to a "lifetime bar" from appearing before any state agency or authority or receiving compensation for services regarding any transaction in which they personally participated, or which was under their active consideration during their tenure with NYSERDA. Any awardee will be required to certify that all of its employees, as well as employees of any subcontractor, whose subcontract is valued at \$100,000 or more who are former employees of the State and who are assigned to perform services under the resulting contract, shall be assigned in accordance with all Ethics Requirements. During the term of any agreement, no person who is employed by the contractor or its subcontractors and who is disqualified from providing services under the contract pursuant to any Ethics Requirements may share in any net revenues of the contractor or its subcontractors derived from the contract. NYSERDA may request that contractors provide it with whatever information the State deems appropriate about each such person's engagement, work cooperatively with the State to solicit advice from the New York State Joint Commission on Public Ethics, and, if deemed appropriate by the State, instruct any such person to seek the opinion of the New York State Joint Commission on Public Ethics. NYSERDA shall have the right to withdraw or withhold approval of any subcontractor if utilizing such subcontractor for any work performed would be in conflict with any of the Ethics Requirements. NYSERDA shall have the right to terminate any contract at any time if any work performed is in conflict with any of the Ethics Requirements.

## VI. Attachments:

Attachment A – Cover Sheet  
Attachment B – Proposal Questions  
Attachment C – Budget Form  
Attachment D – Sample Agreement

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### New York State Energy Research and Development Authority

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

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

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

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



Community Heat Pump Systems  
Program Opportunity Notice (PON) 4614

**\$15 million Available**

*NYSERDA reserves the right to extend and/or add funding to the Solicitation should other program funding sources become available.*

**Proposal Due Dates\***: 3/9/2021 (Round 1); 5/18/2021 (Round 2); 8/17/2021 (Round 3); 11/16/2021 (Round 4); 2/1/2022 (Round 5); 5/17/2022 (Round 6); 8/16/2022 (Round 7); 11/15/2022 (Round 8)

**\*by 3:00 PM Eastern Time**

## Program Summary

New York State law (the Climate Leadership and Community Protection Act) mandates the transition to a carbon-free electric grid by the year 2040, and to a carbon-neutral economy by the year 2050. To achieve this, it is expected that the on-site emission of carbon from buildings will need to be eliminated, generally by electrifying thermal activities such as comfort space heating and domestic hot water in combination with using power drawn from a carbon-free electric grid and/or power self-generated on-site via renewable technologies. The energy-efficient approach will be to electrify such heating via electric-driven heat pumps (as opposed to via electric resistance heating), and it will be important to advance techniques that minimize the cost of such transition. Based on a limited initial exploration, NYSERDA hypothesizes that there may exist certain highly-replicable use cases where the “community-style” heat pump configuration would clearly be lower cost to construct and operate as well as more efficient to operate than the default scenario of the “individual building” heat pump configuration, and this PON seeks to discover and ascertain such use cases.

A community-style heat pump system will use a network of pipes to share heating water among a cluster of buildings, where the cluster of buildings will use that heating water to produce comfort space heating of occupied spaces. The heating water could be centrally-produced as hot water via electric-driven heat pumps and used in the buildings via radiators for hydronic heating, or could be ambient-temperature water serving as a thermal source enabling electric-driven heat pumps located in each building. The heating water could perhaps also be used for production of domestic hot water, and a chilled water piping network could also be included to serve the comfort space cooling needs of the cluster of buildings.

For the purposes of this PON and as further clarified in each category at section on project eligibility, a community includes but is not limited to any of the following features: small (a cluster of ten or more single-family houses) or medium (a college campus, a multifamily residential complex consisting of multiple buildings, an office or medical park, etc.) or large (an urban core consisting of one or numerous city blocks); buildings all owned by a single entity or buildings having unrelated owners; new construction or retrofit of existing facilities; a system owned/operated by a private entity or by a utility or by a public entity or by a public-private partnership (NYSERDA is open to working with utilities in particular to bring solutions to use cases where the private market is choosing to not focus, and in order to ensure that requests for funds are being given appropriate consideration at time of proposal any proposal that intends to pursue ownership by a utility or by a public entity will need to validate that regulatory compliance will not be insurmountable).

Under this PON, NYSERDA is seeking proposals to accelerate market capacity and adoption of community-style heat pumps serving customers in New York State that pay, or in the case of systems installed as part of new construction project will pay, the System Benefits Charge on their electric bill. This PON will serve to help gain such insights specific to pricing, business models, and regulatory aspects particular to the various marketplaces throughout New York State, and sharing the information broadly across stakeholders so collectively we can all identify and do our part to reduce hurdles and grow the market.

NYSERDA has a total of \$15,000,000 available under this PON and plans to award multiple contracts over multiple rounds. NYSERDA is accepting proposals in the following categories:

Category	Total NYSERDA Funds Available**	Maximum NYSERDA Funding Per Award	Total Project Cost Share
Category A: Site-Specific Scoping Study	\$2,000,000	\$100,000	Not Required but extra preference will be given to higher proposer contribution levels
Category B: Site-Specific Design Study	\$4,000,000	\$500,000	very strongly preferred 50%
Category C: Site-Specific Implementation Project	\$8,000,000	\$4,000,000	very strongly preferred 50%
Category D: Market Studies/Best Practice Guidebooks	\$1,000,000	\$250,000	Not Required but extra preference will be given to higher proposer contribution levels

*\*\*NYSERDA reserves the right to reallocate funds among categories and to close any given category while keeping remaining categories open.*

**Proposal Submission:** Online submission is preferable. Proposers may submit Word, Excel, or PDF files (file formats include: csv, doc, docx, gif, jpeg, jpg, pdf, png, ppt, pptx, pps, ppsx, tif, txt, xls, xlsx, and zip). Individual files should be 100MB or less in file size. Proposal PDFs should be searchable and should be created by direct conversion from MS Word, or other conversion utility. Files should not be scanned. For ease of identification, all electronic files must be named using the proposer’s entity name in the title of the document. NYSERDA will also accept proposals by mail or hand-delivery if online submission is not possible. For detailed instructions on how to submit a proposal (online or paper submission), click the link [“Application Instructions and Portal Training Guide \[PDF\]”](https://www.nyserdera.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx) located in the “Current Opportunities” section of NYSERDA’s website (<https://www.nyserdera.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx>).

No communication intended to influence this procurement is permitted except (for technical questions) by contacting Dana Levy (Designated Contact) at (518) 862-1090, ext. 3377 or by e-mail [District.Thermal@nyserdera.ny.gov](mailto:District.Thermal@nyserdera.ny.gov) or Donovan Gordon (Designated Contact) at (518) 862-1090, ext. 3119 or by e-mail [District.Thermal@nyserdera.ny.gov](mailto:District.Thermal@nyserdera.ny.gov). If you have contractual questions concerning this solicitation, contact Nancy Marucci (Designated Contact) at (518) 862-1090, ext. 3335 or by e-mail [Nancy.Solicitations@nyserdera.ny.gov](mailto:Nancy.Solicitations@nyserdera.ny.gov). Contacting anyone other than the Designated Contacts (either directly by the proposer or indirectly through a lobbyist or other person acting on the proposer’s behalf) in an attempt to influence the procurement: (1) may result in a proposer being deemed a non-responsible offerer, and (2) may result in the proposer not being awarded a contract.

**\* All proposals must be received by 3 p.m. Eastern Time on the dates noted above. Late, faxed, or emailed proposals will not be accepted.** Incomplete proposals may be subject to disqualification. It is the proposer’s responsibility to ensure that all pages have been included in the proposal. Please note for online submission, there are required questions that you will have to answer in addition to uploading attachments and you should allot at least 60 minutes to enter/submit proposals. The online proposal system closes promptly at 3 p.m. Eastern Time, files in process or attempted edits or submission after 3 p.m. Eastern Time on the date above, will not be accepted. If changes are made to this solicitation, notification will be posted on the “Current Opportunities” section of NYSERDA’s website (<https://www.nyserdera.ny.gov/Funding-Opportunities/Current-Funding-Opportunities.aspx>).

## How to compile and submit your proposal to CATEGORY A

Online submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery if online submission is not possible. For Category A of this solicitation, the NYSERDA Proposal Submission Portal is configured to receive uploads of four (4) distinct files that will constitute your proposal (each file should be 100MB or less in file size), as requested as follows:

File #1 Proposal Technical Content. Address all of these items in this file (15 pages maximum): **Executive Summary** (two page maximum); **Proposer Information** (three page maximum); **Project Description and Benefits** (three pages maximum); **Work Plan, Schedule, and Milestones** (five pages maximum); **Proposer Qualifications** (two pages maximum -- do not include resumes here). Save as a Word file or as a searchable PDF file (searchable PDF file should be created by direct conversion from MS Word, or other conversion utility, should not be scanned). Name the file using the following naming convention: "CompanyName\_TechnicalContent"

File #2 Budget (complete all four of the tabs within Attachment E to this solicitation). Save as an Excel file (.xls or .xlm format). Name the file using the following naming convention: "CompanyName\_Budget"

File #3 Appendix. Address all of these items in this file: Resumes, company qualifications, ancillary information that is deemed necessary to support your proposal, signed letters of support or commitment from Project team members signifying their participation in the proposed project and their commitment to providing any resources they will be responsible for, documentation of ownership/site control and/or permission of the property owner for proposed sites that will be the subject of scoping activity, screen capture shot of map of Disadvantaged Communities overlaid on top of the project site. Save as a Word file or PDF file. Name the file using the following naming convention: "CompanyName\_Appendix"

File #4 Proposal Questionnaire for Category A (this is available as Attachment A.3 to this solicitation). Save as an Excel file (.xls or .xlm format). Name the file using the following naming convention: "CompanyName\_Questionnaire"

## How to compile and submit your proposal to CATEGORY B

Online submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery if online submission is not possible. For Category B of this solicitation, the NYSERDA Proposal Submission Portal is configured to receive uploads of five (5) distinct files that will constitute your proposal (each file should be 100MB or less in file size), as requested as follows:

**File #1** Proposal Technical Content. Address all of these items in this file (15 pages maximum): **Executive Summary** (two page maximum); **Proposer Information** (three page maximum); **Project Description and Benefits** (three pages maximum); **Work Plan, Schedule, and Milestones** (five pages maximum); **Proposer Qualifications** (two pages maximum -- do not include resumes here). Save as a Word file or as a searchable PDF file (searchable PDF file should be created by direct conversion from MS Word, or other conversion utility, should not be scanned). Name the file using the following naming convention: "CompanyName\_TechnicalContent"

**File #2** Budget (complete all four of the tabs within Attachment E to this solicitation). Save as an Excel file (.xls or .xlm format). Name the file using the following naming convention: "CompanyName\_Budget"

**File #3** Appendix. Address all of these items in this file: Resumes, company qualifications, ancillary information that is deemed necessary to support your proposal, signed letters of support or commitment from Project team members signifying their participation in the proposed project and their commitment to providing any resources they will be responsible for, documentation of ownership/site control and/or permission of the property owner for proposed sites that will be the subject of the detailed design study, screen capture shot of map of Disadvantaged Communities overlaid on top of the project site. Save as a Word file or PDF file. Name the file using the following naming convention: "CompanyName\_Appendix"

**File #4** Proposal Questionnaire for Category B (this is available as Attachment B.3 to this solicitation). Save as an Excel file (.xls or .xlm format). Name the file using the following naming convention: "CompanyName\_Questionnaire"

**File #5** Previously-completed Scoping Study report. Save as a Word file or PDF file. Name the file using the following naming convention: "CompanyName\_ScopingStudyReport"



## How to compile and submit your proposal to CATEGORY C

Online submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery if online submission is not possible. For Category C of this solicitation, the NYSERDA Proposal Submission Portal is configured to receive uploads of eight (8) distinct files that will constitute your proposal (each file should be 100MB or less in file size), as requested as follows:

**File #1** Proposal Technical Content. Address all of these items in this file (15 pages maximum): **Executive Summary** (two page maximum); **Proposer Information** (three page maximum); **Project Description and Benefits** (three pages maximum); **Work Plan, Data Management Plan, Schedule, and Milestones** (five pages maximum); **Proposer Qualifications** (two pages maximum -- do not include resumes here). Save as a Word file or as a searchable PDF file (searchable PDF file should be created by direct conversion from MS Word, or other conversion utility, should not be scanned). Name the file using the following naming convention: "CompanyName\_TechnicalContent"

**File #2** Budget (complete all four of the tabs within Attachment E to this solicitation). Save as an Excel file (.xls or .xlm format). Name the file using the following naming convention: "CompanyName\_Budget"

**File #3** Rationale for Amount of Funds Being Requested. Provide a discussion and calculations of the rationale for the amount of funds being requested.

**File #4** Appendix. Address all of these items in this file: Resumes, company qualifications, ancillary information that is deemed necessary to support your proposal, signed letters of support or commitment from Project team members signifying their participation in the proposed project and their commitment to providing any resources they will be responsible for, documentation of ownership/site control and/or permission of the property owner for proposed sites that will be the subject of the implementation project, screen capture shot of map of Disadvantaged Communities overlaid on top of the project site. Save as a Word file or PDF file. Name the file using the following naming convention: "CompanyName\_Appendix"

**File #5** Proposal Questionnaire for Category C (this is available as Attachment C.3 to this solicitation). Save as an Excel file (.xls or .xlm format). Name the file using the following naming convention: "CompanyName\_Questionnaire"

**File #6** Previously-completed Scoping Study report. Save as a Word file or PDF file. Name the file using the following naming convention: "CompanyName\_ScopingStudyReport"

**File #7** Previously-completed Detailed Design report. Save as a Word file or PDF file. Name the file using the following naming convention: "CompanyName\_DetailedDesignReport"

**File #8** Evidence of Financial Capability. Address all of these items in this file: Letter of credit or equivalent, statement of bondability from a surety. Save as a Word file or PDF file. Name the file using the following naming convention: "CompanyName\_FinancialCapability"

## How to compile and submit your proposal to CATEGORY D

Online submission is preferable. NYSERDA will also accept proposals by mail or hand-delivery if online submission is not possible. For Category D of this solicitation, the NYSERDA Proposal Submission Portal is configured to receive uploads of three (3) distinct files that will constitute your proposal (each file should be 100MB or less in file size), as requested as follows:

File #1 Proposal Technical Content. Address all of these items in this file (15 pages maximum): **Executive Summary** (two page maximum); **Proposer Information** (three page maximum); **Project Description and Benefits** (three pages maximum); **Work Plan, Schedule, and Milestones** (five pages maximum); **Proposer Qualifications** (two pages maximum -- do not include resumes here). Save as a Word file or as a searchable PDF file (searchable PDF file should be created by direct conversion from MS Word, or other conversion utility, should not be scanned). Name the file using the following naming convention: "CompanyName\_TechnicalContent"

File #2 Budget (complete all four of the tabs within Attachment E to this solicitation). Save as an Excel file (.xls or .xlm format). Name the file using the following naming convention: "CompanyName\_Budget"

File #3 Appendix. Address all of these items in this file: Resumes, company qualifications, ancillary information that is deemed necessary to support your proposal, signed letters of support or commitment from Project team members signifying their participation in the proposed project and their commitment to providing any resources they will be responsible for. Save as a Word file or PDF file. Name the file using the following naming convention: "CompanyName Appendix"

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**I. Introduction**

**II. Project Categories**

**III. Proposal Requirements**

**IV. Proposal Evaluation**

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**VI. Attachments**

## I. INTRODUCTION

The updated NYS Clean Heat Statewide Heat Pump Program Implementation Plan (the “Plan”) was filed with the NYS Public Service Commission under case 18-M-0084 on April 30, 2020. The Plan is a key element of the State’s clean energy pathway designed to support customers in transitioning to energy-efficient electrified space and water heating technologies. The Plan describes the initial steps that the investor-owned electric utilities will take, in conjunction with NYSERDA, to expand existing heat pump programs and, in other instances, establish new heat pump programs as part of the new statewide framework. It outlines the intended allocations of two significant budgets: approximately \$454 million to be administered via customer-focused incentive programs by the investor-owned electric utilities for deployment of heat pump systems that are designed and used for heating; and approximately \$230 million to be administered by NYSERDA for a portfolio of market development initiatives including but not limited to workforce development, exploration of cost-reduction strategies, and gathering of market insights regarding clean thermal community systems.

Under this PON, NYSERDA is seeking proposals to accelerate market capacity and adoption of community heat pump systems serving customers in New York State who pay the SBC Surcharge on either a portion or on their entire electric bill at the thermal usage site (existing sites that can demonstrate they currently pay SBC, existing islanded sites that can demonstrate they will connect to the utility grid and will pay SBC, and new construction sites that can demonstrate they will pay SBC when they begin occupancy of the new building). This PON will also serve to gain insights specific to pricing, business models, and regulatory aspects particular to the various marketplaces throughout New York State, and sharing the information broadly across stakeholders so collectively we can all identify and do our part to reduce hurdles and grow the market. To the extent practicable, NYSERDA prefers projects that can deliver high-quality learning as quickly as possible.

A community-style heat pump system will use a network of pipes to share heating water among a cluster of buildings, where the cluster of buildings will use that heating water to produce comfort space heating of occupied spaces. The heating water could be centrally-produced as hot water via electric-driven heat pumps and used in the buildings via radiators for hydronic heating, or could be ambient-temperature water serving as a thermal source enabling electric-driven heat pumps located in each building. The heating water could perhaps also be used for production of domestic hot water, and a chilled water piping network could also be included to serve the comfort space cooling needs of the cluster of buildings.

For the purposes of this PON and as further clarified in each category at section on project eligibility, a community includes but is not limited to any of the following features: small (a cluster of ten or more single-family houses) or medium (a college campus, a multifamily residential complex consisting of multiple buildings, an office or medical park, etc.) or large (an urban core consisting of one or numerous city blocks); buildings all owned by a single entity or buildings having unrelated owners; new construction or retrofit of existing facilities; a system owned/operated by a private entity or by a utility or by a public entity or by a public-private partnership (NYSERDA is open to working with utilities in particular to bring solutions to use cases where the private market is choosing to not focus, and in order to ensure that requests for funds are being given appropriate consideration at time of proposal any proposal that intends to pursue ownership by a utility or by a public entity will need to validate that regulatory compliance will not be insurmountable).

To assist interested parties in fostering business-to-business connections for teaming arrangements, as well as to foster customer-to-business explorations, NYSERDA has invited solution providers to opt-in to being identified on a list (the list is not an “eligible proposer” list – customers are free to team with solution providers who are not on the list – NYSERDA has not vetted the solution providers on the list and presence on the list does not constitute endorsement by NYSERDA – interested parties are strongly cautioned to perform their own due diligence). NYSERDA has updated the list several times and will periodically further update the list as NYSERDA continues to invite solution providers to opt-in to being identified on a list. The list is available at this NYSERDA webpage [www.nyserda.ny.gov/district-thermal-systems](http://www.nyserda.ny.gov/district-thermal-systems).

## II. PROJECT CATEGORIES

This PON includes four project categories listed below. The proposer may submit a project proposal to any of the Project Categories based on the status of their project. If a project selected for award under Category A or B under any due date round is successfully completed, a proposal may be submitted to the next appropriate Category (i.e., B or C) under any subsequent due date. NYSERDA is aware that heat pumps have lower carbon footprints than fossil-fuel-fired heating systems; proposals should focus on the key question of why it is perceived that in this particular case a “district-style” heat pump might be better value proposition compared to an “individual-building-style” heat pump.

**Category A: Site-Specific Scoping Study** – See **Attachment A** for complete Program Requirements, Proposal Submission Requirements, and Evaluation Criteria

A site-specific scoping study is intended to explore a wide array of options for a specific cluster of buildings to identify if a preferred option appears to be technically and economically feasible, and is intended to answer “what if” questions (e.g., what if we include different buildings in the cluster, what if we serve only comfort space heating, what if we serve comfort space heating as well as comfort space cooling, etc.). NYSERDA’s maximum funding for any award under Category A is \$100,000. Proposer cost share is not required.

**Category B: Site-Specific Design Study** – See **Attachment B** for complete Program Requirements, Proposal Submission Requirements, and Evaluation Criteria

A site-specific design study is intended to refine a single preferred design that seems technically and economically feasible, and is intended to answer “how” questions (e.g., how best to construct this preferred design, how best to finance this preferred design, etc.). NYSERDA’s maximum funding for any award under Category B is \$500,000. Proposer cost share at or above 50% of total project cost very strongly preferred.

**Category C: Site-Specific Implementation Project** - See **Attachment C** for complete Program Requirements, Proposal Submission Requirements, and Evaluation Criteria

The scope of work of the project proposed under this category must focus on the near-term deployment of electric-driven heat pumps in a community heat pump system design to pivot customers from fossil-fuel-fired space heating systems. The project must be shovel-ready and capable of proceeding promptly following notification of award. NYSERDA’s maximum funding for any award under Category C is \$4,000,000. Proposer cost share at or above 50% of total project cost very strongly preferred.

**Category D: Market Potential Studies/Best Practice Guidebooks** - See **Attachment D** for complete Program Requirements, Proposal Submission Requirements, and Evaluation Criteria

A market potential study/best practices guidebook project is intended to broadly help the entire marketplace (as opposed to primarily helping a specific solution provider or a specific client/cluster of clients). Final work products for projects selected under Category D will be owned by NYSERDA (these activities will be works-for-hire). NYSERDA’s maximum funding for any award under Category D is \$250,000. Proposer cost share is not required.

## III. PROPOSAL REQUIREMENTS

Detailed proposal requirements for each Project Category are set forth in the following Attachments to this PON:

Category A: Site-Specific Scoping Study - SEE ATTACHMENT A  
Category B: Site-Specific Design Study - SEE ATTACHMENT B  
Category C: Site-Specific Implementation Project – SEE ATTACHMENT C  
Category D: Market Potential Studies/Best Practice Guidebooks – SEE ATTACHMENT D

Proposals should comply with and concisely present the Proposal Requirements set forth in the specific Project Category attachment, while also making sure the Evaluation Criteria listed in the specific attachment have been adequately addressed.

#### IV. EVALUTION CRITERIA

Proposals that meet the solicitation requirements will be reviewed by a Scoring Committee. Detailed evaluation criteria for each Project Category are set forth in the following Attachments to this PON:

Category A: Site-Specific Scoping Study - SEE ATTACHMENT A

Category B: Site-Specific Design Study - SEE ATTACHMENT B

Category C: Site-Specific Implementation Project – SEE ATTACHMENT C

Category D: Market Potential Studies/Best Practice Guidebooks – SEE ATTACHMENT D

#### V. GENERAL CONDITIONS

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

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

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

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

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

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

**State Finance Law sections 139-j and 139-k** - NYSERDA is required to comply with State Finance Law sections 139-j and 139-k. These provisions contain procurement lobbying requirements which can be found at <https://online.ogs.ny.gov/legal/lobbyinglawfaq/default.aspx> . Proposers are required to answer questions during

proposal submission, which will include making required certification under the State Finance Law and to disclose any Prior Findings of Non-Responsibility (this includes a disclosure statement regarding whether the proposer has been found non-responsible under section 139-j of the State Finance Law within the previous four years).

**Tax Law Section 5-a** - NYSERDA is required to comply with the provisions of Tax Law Section 5-a, which requires a prospective contractor, prior to entering an agreement with NYSERDA having a value in excess of \$100,000, to certify to the Department of Taxation and Finance (the "Department") whether the contractor, its affiliates, its subcontractors and the affiliates of its subcontractors have registered with the Department to collect New York State and local sales and compensating use taxes. The Department has created a form to allow a prospective contractor to readily make such certification. See, ST-220-TD (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220td\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220td_fill_in.pdf)). Prior to contracting with NYSERDA, the prospective contractor must also certify to NYSERDA whether it has filed such certification with the Department. The Department has created a second form that must be completed by a prospective contractor prior to contacting and filed with NYSERDA. See, ST-220-CA (available at [http://www.tax.ny.gov/pdf/current\\_forms/st/st220ca\\_fill\\_in.pdf](http://www.tax.ny.gov/pdf/current_forms/st/st220ca_fill_in.pdf)). The Department has developed guidance for contractors which is available at <http://www.tax.ny.gov/pdf/publications/sales/pub223.pdf> .

**Referral to Other Programs** - Several other NYSERDA and non-NYSERDA (e.g., Utility) programs may be of interest to the proposing team, especially if the proposed community-scale heat pump activities may be bundled with other clean energy measures. The full list of available NYSERDA programs can be found on NYSERDA's website. For convenience, a sample of potentially-applicable NYSERDA and non-NYSERDA programs is enumerated at Attachment F.

**Contract Award** - NYSERDA anticipates making multiple awards under this solicitation. A contract may be awarded based on initial applications without discussion, or following limited discussion, or negotiations pertaining to the Statement of Work. Each proposal should be submitted using the most favorable cost and technical terms. NYSERDA may request additional data or material to support applications. NYSERDA will use the applicable Sample Agreement to contract successful proposals. NYSERDA may at its discretion elect to extend and/or add funds to any project funded through this solicitation. NYSERDA reserves the right to limit any negotiations to exceptions to standard terms and conditions in the Sample Agreement to those specifically identified in the checklist questions. Proposers should keep in mind that acceptance of all standard terms and conditions will generally result in a more expedited contracting process. NYSERDA expects to notify proposers in approximately sixteen (16) weeks from the proposal due date whether your proposal has been selected to receive an award. NYSERDA may decline to contract with awardees that are delinquent with respect to any obligation under any previous or active NYSERDA agreement.

This is a competitive solicitation, and the credentials of the proposing team is a key evaluation criterion. If a proposal is selected for award, and if key elements of the project subsequently are changed (including but not limited to the proposing team being subsequently revised by replacement of strategic members), NYSERDA reserves the right (at NYSERDA's sole discretion) to rescind the award and advise the reconstituted project/reconstituted team to re-propose at a subsequent due date and undergo competitive review where the re-awarding of a contract will not be a foregone conclusion.

**Accessibility Requirements** - Every awardee from this solicitation will produce a final report that NYSERDA will post to the web. NYSERDA requires contractors producing content intended to be posted to the Web to adhere to New York State's Accessibility Policy. This includes, but is not limited to, deliverables such as: documents (PDF, Microsoft Word, Microsoft Excel, etc.), audio (.mp3, .wav, etc.), video (.mp4, .mpg, .avi, etc.), graphics (.jpg, .png, etc.), web pages (.html, .aspx, etc.), and other multimedia and streaming media content. For more information, see [NYSERDA's Accessibility Requirements](#).

**Limitation** - This solicitation does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the solicitation when it is in NYSERDA's best interest. NYSERDA reserves the right to reject proposals based on the nature and number of any exceptions taken to the standard terms and conditions of the Sample Agreement. NYSERDA reserves the right to disqualify proposers based upon the results of a background check into publicly available information or the presence of a material possibility of any reputational or legal risk in making of the award.

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

**Vendor Assurance of No Conflict of Interest or Detrimental Effect** - The proposer shall disclose any existing or contemplated relationship with any other person or entity, including any known relationships with any member, shareholders of 5% or more, parent, subsidiary, or affiliated firm, which would constitute an actual or potential conflict of interest or appearance of impropriety, relating to other clients/customers of the proposer or former officers and employees of NYSERDA, in connection with proposer's rendering services as proposed. If a conflict does or might exist, please describe how your company would eliminate or prevent it. Indicate what procedures will be followed to detect, notify NYSERDA of, and resolve any such conflicts.

The proposer must disclose whether it, or any of its members, or, to the best of its knowledge, shareholders of 5% or more, parents, affiliates, or subsidiaries, have been the subject of any investigation or disciplinary action by the New York State Commission on Public Integrity or its predecessor State entities (collectively, "Commission"), and if so, a brief description must be included indicating how any matter before the Commission was resolved or whether it remains unresolved.

**Public Officers Law** – For any resulting awards, the Contractor and its subcontractors shall not engage any person who is, or has been at any time, in the employ of the State to perform services in violation of the provisions of the New York Public Officers Law, other laws applicable to the service of State employees, and the rules, regulations, opinions, guidelines or policies promulgated or issued by the New York State Joint Commission on Public Ethics, or its predecessors (collectively, the "Ethics Requirements"). Proposers are reminded of the following Public Officers Law provision: contractors, consultants, vendors, and subcontractors may hire former NYSERDA employees. However, as a general rule and in accordance with New York Public Officers Law, former employees of NYSERDA may neither appear nor practice before NYSERDA, nor receive compensation for services rendered on a matter before NYSERDA, for a period of two years following their separation from NYSERDA service. In addition, former NYSERDA employees are subject to a "lifetime bar" from appearing before any state agency or authority or receiving compensation for services regarding any transaction in which they personally participated, or which was under their active consideration during their tenure with NYSERDA.

Any awardee will be required to certify that all of its employees, as well as employees of any subcontractor, whose subcontract is valued at \$100,000 or more who are former employees of the State and who are assigned to perform services under the resulting contract, shall be assigned in accordance with all Ethics Requirements. During the term of any agreement, no person who is employed by the contractor or its



subcontractors and who is disqualified from providing services under the contract pursuant to any Ethics Requirements may share in any net revenues of the contractor or its subcontractors derived from the contract. NYSERDA may request that contractors provide it with whatever information the State deems appropriate about each such person's engagement, work cooperatively with the State to solicit advice from the New York State Joint Commission on Public Ethics, and, if deemed appropriate by the State, instruct any such person to seek the opinion of the New York State Joint Commission on Public Ethics. NYSERDA shall have the right to withdraw or withhold approval of any subcontractor if utilizing such subcontractor for any work performed would be in conflict with any of the Ethics Requirements. NYSERDA shall have the right to terminate any contract at any time if any work performed is in conflict with any of the Ethics Requirements.

**Due Diligence** – NYSERDA, at its discretion, may conduct broad due diligence to validate any or all elements of an application and to assess applicants' prospects of success, including gathering information to assess a proposal relative to any of the topics listed in evaluation criteria, whether or not such topic is explicitly addressed in a proposal. NYSERDA may conduct due diligence on some or all proposals based on NYSERDA's current guidelines at the time of a review. NYSERDA staff may follow up with proposers to request additional information or clarification regarding applicant's proposal, including questions regarding applicant's business prospects and resources, whether or not those questions are specifically related to the elements of the proposal. Additionally, customized due diligence may be conducted by internal or external staff or contractors based on questions on any proposal raised by NYSERDA staff and/or the Scoring Committee. Due diligence may include (but is not limited to): interviews of independent references and background checks of team members; assessment of prior business experience of any team member associated with a proposal; research on intellectual property claims; customer and partner reference checks; market research on the applicants' target market and any other related or possibly competitive technology or market area; research to validate any assumptions on current or future revenues, costs, capital needs, and financing prospects for proposers' business, including similar (or unrelated) technologies, processes, or competitive solutions; or any other research that could reasonably inform the evaluation of a proposal, or the prospects for commercial success of the proposers' business (whether directly related to, or unrelated to the specific elements in a proposal). Due diligence may include discussions with proposers' former and current business partners, employees, investors, customers, and competitors. Due diligence may be conducted by NYSERDA personnel or contractors including members of the scoring committee, before, during, or after a scoring process, and prior to finalization of a contract award, any information gleaned in diligence may be used to score or re-score a proposal.

## **VI. Attachments:**

### **Attachment A - Category A: Site-Specific Scoping Study**

Attachment A.1 Final Report for Category A Instructions part 1  
Attachment A.2 Final Report for Category A Instructions part 2  
Attachment A.3 Proposal Questionnaire for Category A

### **Attachment B - Category B: Site-Specific Design Study**

Attachment B.1 Final Report for Category B Instructions part 1  
Attachment B.2 Final Report for Category B Instructions part 2  
Attachment B.3 Proposal Questionnaire for Category B

### **Attachment C - Category C: Site-Specific Implementation Project**

Attachment C.1 Final Report for Category C Instructions part 1  
Attachment C.2 Final Report for Category C Instructions part 2  
Attachment C.3 Proposal Questionnaire for Category C

**Attachment D - Category D: Market Potential Studies/Best Practice Guidebooks**

Attachment D.1 Final Report for Category D Instructions

**Attachment E - Detailed Budget Breakdown**

**Attachment F - Referral to Other Programs**

**Attachment G - Sample Agreement (for all Categories, including template statement of work)**



NY-Sun Commercial/Industrial Incentive Program  
Program Opportunity Notice (PON) 3082  
July 20, 2021

**NY-Sun Commercial & Industrial Incentive Program**  
**NY-Sun Project Applications and Contractor Applications**  
**Accepted May 4, 2015 through December 31, 2025**  
**By 3:00 PM Eastern Time**

The New York State Energy Research and Development Authority (NYSERDA) provides performance-based incentives for the installation by Contractors of new grid-connected solar electric photovoltaic (PV) systems that are ranging from 750kW to 7.5MW in Upstate region. Incentives for residential sites in all regions, nonresidential sites 750kW or less in Upstate and PSEG Long Island regions, and nonresidential sites 7.5MW or less in Con Ed region are available through the NY-Sun Residential & Nonresidential Program (PON 2112). Funding for the NY-Sun Incentive Program (“Program”) has been allocated by the New York State Clean Energy Fund (CEF) and Regional Greenhouse Gas Initiative (RGGI) and the Order Authorizing the Clean Energy Fund Framework, dated January 21, 2016. An Order, dated May 14, 2020, authorizes additional CEF funds to achieve the expanded goal of 6GW by 2025.

Incentives will be granted on a first-come, first-served basis, and PV project applications will be accepted through December 31, 2025, or until funds are fully committed, whichever comes first. Total incentives available is subject to change. NYSERDA reserves the right to extend and/or add funding to the solicitation should other program funding sources become available.

Information on the MW block design, including real-time data on the current incentive levels for Upstate can be found by visiting [nyserdadashboards.com/upstate](https://nyserdadashboards.com/upstate).

Additional incentives for solar PV installations are available for commercial & industrial projects located on a brownfield or landfill, and Community Distributed Generation (CDG) solar projects that did not qualify for a Market Transition Credit (MTC) under the Value Stack. The Inclusive Community Solar Adder (ICSA) is also available for nonresidential CDG solar projects serving low-to-moderate income (LMI) subscribers, affordable housing, and other facilities serving disadvantaged communities.

**PV project application submission:** Eligible Contractors must submit completed and signed Project Application package into the NYSERDA Portal, the Program database, as detailed in the Program Manual.

**Contractor Eligibility Application submission:** Potential Contractors may apply on-line at: [https://nyserdadashboards.com/CORE\\_CONAPP\\_Program\\_Page](https://nyserdadashboards.com/CORE_CONAPP_Program_Page), or submit one [1] clearly labeled, completed and signed Contractor Application package to:

**Contractor Application PON 2112**  
**Attn: Program Manager**  
**NYS Energy Research and Development Authority**  
**17 Columbia Circle**  
**Albany, NY 12203-6399**

**Or by email to [PVprocessing@nyserda.ny.gov](mailto:PVprocessing@nyserda.ny.gov).**

Contractor Application questions may be sent to [PVprocessing@nyserda.ny.gov](mailto:PVprocessing@nyserda.ny.gov). Please reference PON 3082 when contacting NYSERDA with questions.

All Contractual questions should be directed to Venice Forbes at (518) 862-1090, ext. 3507 or [venicesolicitations@nyserda.ny.gov](mailto:venicesolicitations@nyserda.ny.gov). All Technical questions should be directed to [Commercial.IndustrialPV@nyserda.ny.gov](mailto:Commercial.IndustrialPV@nyserda.ny.gov).

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

## **What is the NY-Sun Commercial and Industrial Program?**

The New York State Energy Research and Development Authority (NYSERDA) offers performance-based financial incentives for the installation of new grid-connected solar electric photovoltaic (PV) systems that are ranging from 750kW to 7.5MW in Upstate region. Incentives for residential sites in all regions, nonresidential sites 750kW or less in Upstate and PSEG Long Island regions, and nonresidential sites 7.5MW or less in Con Ed region are available through the NY-Sun Residential & Nonresidential Program (PON 2112).

Funding for the NY-Sun Commercial & Industrial Program has been allocated as part of the Clean Energy Fund with additional funding made available through the Regional Greenhouse Gas Initiative (RGGI) for New York State (NYS) electricity customers and the Order Authorizing the Clean Energy Fund Framework, dated January 21, 2016. An Order, dated May 14, 2020, authorizes additional CEF funds to achieve the expanded goal of 6GW by 2025.

Incentives will be allocated on a first-come, first-served basis and applications will be accepted on a rolling basis through December 31, 2025, or until funds are fully committed, whichever comes first.

## **How Does the Program Work?**

The NY-Sun Commercial and Industrial Program provides incentives based upon the performance of the PV System as a function of annual energy production. A detailed description of the Program and the terms and conditions under which it operates is provided in the NY-Sun Incentive Program Manual available at <http://www.nyseda.ny.gov/solar-contractor-resources>.

In addition to performance-based incentives, the program includes additional incentives for projects located on a landfill or brownfield, and Community Distributed Generation (CDG) solar projects that did not qualify for a Market Transition Credit (MTC) under the Value Stack. Participating Contractors may invoice for project incentives in three separate increments: one invoice when the system is installed, interconnected, and commercially operational and one in each of the two subsequent consecutive years (Performance Period) based upon measured annual kilowatt hour (kWh) output of the PV system (System Actual Annual Energy Production). For details, see NY-Sun Incentive Program Manual, Metering Requirements.

Incentives are available for new customer-sited PV systems, greater than 750 kW per electric meter, that are connected to the electric distribution grid and displace utility provided electricity. Prior to submitting applications for incentives, organizations must become a Participating Contractor by registering with the NY-Sun Commercial and Industrial Program. Upon approval, the organization will be provided access to the NY-Sun Commercial and Industrial Program online applications platform.

To become a Participating Contractor in the NY-Sun Commercial and Industrial Program, interested parties must complete a Contractor Application in which they agree to abide by the terms and conditions of the NY Sun Incentive Program Participation Agreement and Program Manual. These documents are available on the NY-Sun website at [nyseda.ny.gov/become-a-solar-contractor](http://nyseda.ny.gov/become-a-solar-contractor).

Applicants to the commercial and industrial program must provide three verifiable solar electric customer references (customer name, address, phone, and email) for completed, grid-connected solar electric installations that entered commercial operation in the past three years that, in aggregate, sum to at least 3MW. System size (kilowatts), interconnection date, and the applicant's role in the project must be specified. Construction photos for the projects listed as a reference are required.

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

## **Financial Incentives**

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

integration incentives, when applicable.

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

**Limitation**

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

**Additional Information**

Forms are available on the NY-Sun Website at [ny-sun.ny.gov](http://ny-sun.ny.gov).



**NY Green Bank**  
A Division of NYSERDA

# NY Green Bank

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Clean Energy Financing Arrangements

Request for Applications

(Ongoing Solicitation)

RFP No. 1

Version 4.1 - May 2021

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# 1. Introduction

## 1.1 Opportunity & Overview

NY Green Bank (“**NYGB**”) invites clean energy and sustainable infrastructure industry participants and capital providers to propose transactions involving NYGB financing. Such transactions should aim to facilitate deployment of clean energy and sustainable infrastructure projects in New York State (“**NYS**” or the “**State**”) and reduce clean energy financing market gaps and barriers, consistent with NYGB’s objectives and investment considerations, and to support goals under the State’s Climate Leadership and Community Protection Act.

This Request for Applications (the “**RFP**”) will remain open and responses (each an “**Application**”) will be evaluated on a rolling basis as received to ensure that all interested potential NYGB clients and counterparties (“**Applicants**”) have an opportunity to propose transactions and financing arrangements as market needs develop and change over time.

Potential and actual Applicants may communicate directly with NYGB prior to Application submission and after its evaluation. (Direct communication will be limited while the Application is under consideration.) If you have questions or seek further information, please email us at [InvestmentRFPs@greenbank.ny.gov](mailto:InvestmentRFPs@greenbank.ny.gov) (including “RFP No. 1” in the subject line). If you have questions regarding the Securities and Exchange Commission Municipal Advisor Rules, please see [Section 4.2 \(General Conditions – Municipal Advisor Rules\)](#).

Applications must be submitted electronically. (See [Appendix 1: Instructions to Submit Applications](#), which can also be found on the “[RFP Resources](#)” page on NYGB’s website: [www.greenbank.ny.gov](http://www.greenbank.ny.gov)).

Applications must address each topic described in [Section 2: Application Contents](#). Each Application will be reviewed in accordance with the evaluation criteria described or referenced in [Section 3: Application Evaluation](#). This competitive selection process will be applied consistently to all complete RFP submissions.

Applicants can generally expect an email response within two weeks after NYGB’s receipt of an Application. Applications will be evaluated as “Passing”, “Not Passing”, or “Unclear – Additional Clarification / Information Required”. Please see [Section 3: Application Evaluation](#) for a more detailed explanation of the evaluation process.

## 1.2 NYGB Background

NY Green Bank is a +\$1.0 billion investment fund designed to accelerate clean energy deployment in NYS and is globally recognized as a leading sustainable infrastructure investor. NYGB’s participation in a growing number and diversity of transactions spurs clean energy development in NYS, with benefits for New York residents and more broadly. NYGB is a division of the New York State Energy Research and Development Authority (“**NYSERDA**”).

Since inception,<sup>1</sup> NYGB has worked to increase the size, volume and breadth of sustainable infrastructure investment activity throughout the State; expand the base of investors focused on NYS clean energy; and increase market participants’ access to capital on commercial terms. To achieve these objectives, NYGB collaborates with the private sector; implements transaction structures and methodologies that overcome market barriers and address financing gaps in current clean energy financing markets; and transforms those markets by enabling greater scale, new and expanded asset classes and increased liquidity.

NYGB invests where significant market opportunities are constrained by limited precedents, less familiar assets, and/or deal structuring complexities. NYGB seeks to create attractive precedents, standardize investment practices and create roadmaps that capital providers can readily replicate and scale. As capital providers

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<sup>1</sup> “**Inception**” means the inception of NYGB pursuant to and as of the date of the Initial Capitalization Order in December 2013. Case 13-M-0412, “Order Establishing New York Green Bank and Providing Initial Capitalization,” issued and effective December 19, 2013 (the “**Initial Capitalization Order**”) Ordering Clause 5, page 24.

“crowd in” to an area within the sustainable infrastructure landscape, NYGB moves on to other areas that have received less investor interest.

NYGB maintains alignment with the State’s strategic direction as provided by the New York Public Service Commission (the “**Commission**”) in the “Order Authorizing the Clean Energy Fund Framework” issued and effective January 21, 2016 (the “**CEF Order**”).<sup>2</sup> This includes, importantly, that NYGB activities continue to contribute directly to the objectives of the current State Energy Plan (“**SEP**”) and Clean Energy Standard (“**CES**”) “...through [NYGB’s] ability to drive down costs associated with meeting [SEP and CES] objectives.”<sup>3</sup> NYGB plays a central role in New York’s Clean Energy Fund (“**CEF**”), which was created pursuant to the CEF Order. As part of Governor Cuomo’s Reforming the Energy Vision (“**REV**”) strategy, the CEF is a \$5.3 billion commitment over 10 years to advance clean energy growth and innovation, drive economic development across NYS and reduce ratepayer collections.<sup>4</sup> Each investment made by NYGB contributes to the primary CEF outcomes of greenhouse gas (“**GHG**”) emissions reductions, customer bill savings, energy efficiency, clean energy generation and mobilization of capital. For more information on the CEF and REV strategy, see [www.nyserda.ny.gov/About/Clean-Energy-Fund](http://www.nyserda.ny.gov/About/Clean-Energy-Fund) and [www.rev.ny.gov](http://www.rev.ny.gov).

In July 2019, NYS advanced the most ambitious and comprehensive climate and clean energy legislation in the country with Governor Andrew M. Cuomo’s signing of the Climate Leadership and Community Protection Act (“**CLCPA**”), which mandates the NYS Green New Deal’s nation-leading clean energy targets: nine gigawatts of offshore wind by 2035, six gigawatts of distributed solar by 2025, and three gigawatts of energy storage by 2030, while calling for an orderly and just transition to clean energy that creates jobs and continues fostering a green economy. The CLCPA also directs NYS agencies and authorities to collaborate with stakeholders to develop a plan to reduce GHG emissions by 85 percent from 1990 levels by 2050 and aims to deliver 40 percent of clean energy and energy efficiency program benefits to disadvantaged communities.

The State’s leadership in clean energy and sustainable infrastructure and its ambitious goals position NYS for substantial growth and transformation – all requiring material financing.

### 1.3 NYGB Key Investment Criteria, Additional Considerations, & Investment Terms

To all potential transactions, NYGB applies the following Key Investment Criteria, which were defined by the Commission in the Initial Capitalization Order:

1. Transactions will have expected financial returns such that the revenues of NYGB on a portfolio basis will exceed operating expenses and expected portfolio losses.
2. Transactions will be expected to contribute to financial market transformation in terms of scale; improved private sector participation; level of awareness and confidence in clean energy investments; and/or other aspects of market transformation; and
3. Transactions will have the potential for energy savings and/or clean energy generation that will contribute to GHG emissions reductions in support of New York’s clean energy policies.

In applying the Key Investment Criteria, NYGB also considers additionality; market transformation; impact and public benefits; and transaction size and type of investment:

- Additionality is the unique benefit that NYGB brings to the proposed financing or investment arrangement if any proposed project either would likely not occur given the current state of the private markets or might occur in the private markets but would likely (i) involve less favorable tenor, cost, fees and/or other key transaction terms; (ii) not happen at the market breadth needed to scale the sector; (iii) not involve the same level of focus on the NYS market; and/or (iv) not happen as quickly.

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<sup>2</sup> See: <http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={B23BE6D8-412E-4C82-BC58-9888D496D216}>.

<sup>3</sup> Cases 14-M-0094 et al., page 74.

<sup>4</sup> January 2016 through December 2025.

- Market Transformation is the proposed investment's contribution to clean energy financial market transformation in NYS through (i) the type and amount of capital applied to total project costs and other clean energy activities in NYS (referred to as mobilization); (ii) the ability to scale or replicate the transaction to drive larger volume(s) of clean energy and sustainable infrastructure finance; (iii) the increased awareness of and confidence in clean energy and sustainable infrastructure investments, driven by and reflected in the evolution of private sector institutional underwriting; and (iv) the progress made toward capital markets solutions for contract standardization, aggregation and clean energy financial performance data collection and utilization.
- Impact & Public Benefits is the expected direct and indirect impact and public benefits of potential investments as determined by factors that include: (i) estimated energy savings and/or clean energy generation; (ii) other estimated GHG reduction benefits to the extent included in proposed project(s) (outside those achieved through direct energy savings and/or clean energy generation); and (iii) the strength of the plan pursuant to which a counterparty (or designated third-party) tracks, records and reports performance data.
- Transaction Size & Type of Investment refers to the proposed amount and form of NYGB's investment (e.g., senior secured debt, subordinate debt, preferred equity, common equity). NYGB generally expects its participation in any investment opportunity (whether related to a single asset or project portfolio) to fall within the range of \$10.0 – \$50.0 million.

In selecting financing opportunities and offering investment terms,<sup>5</sup> NYGB considers, without limitation, the following principles that derive from the above criteria and considerations:

- (a) Environmental Impact: NYGB participates in transactions that will have the potential for energy savings and/or clean energy generation that will contribute to GHG emissions reductions in New York State in support of NYS clean energy policies;
- (b) Replicability/Scalability: NYGB enhances private sector market participation by structuring financial products designed to foster replicable and standardized clean energy and sustainable infrastructure investments;
- (c) Collaboration with Other Financial Participants: NYGB collaborates with market participants that can demonstrate an ability to or already do engage the financial markets but are constrained by a lack of available financing;
- (d) Institutional/Wholesale Markets: NYGB generally focuses on “wholesale” capital markets, providing structured financial products to developers and specific projects that result in clean energy benefits for all New Yorkers at scale rather than funding consumers/homeowners directly;
- (e) Commercial Pricing to Preserve and Grow its Capital Base: NYGB generally structures and prices its financial products consistent with commercial approaches to credit quality and risk, earning a return on investment to preserve and grow its capital base;
- (f) Recycling Capital: NYGB recycles its capital into new clean energy and sustainable infrastructure projects when income is generated and as investments mature or are realized, maximizing the impact of its capital across multiple deployments.

In addition to the above principles, NYGB also considers whether the Application will advance any of NYGB's strategic priorities, including, without limitation, the following:

- Pursuant to the CLCPA, NYGB will commit at least 35% of its capital on a go-forward basis from January 1, 2020 to projects that create benefits for disadvantaged communities (“DACs”). NYGB estimates that it will commit approximately \$400 MM and will at least deploy \$350 MM to such projects by 2025, including investing \$150 MM in affordable housing projects and \$100 MM in building electrification in DACs.
- In support of the Energy Storage Roadmap announced in June 2018, NYGB will commit at least \$200 million to finance storage-related investments and to drive down costs of the strategic deployment of

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<sup>5</sup> Subject to laws, regulations, and administrative actions (e.g., Commission Orders) describing and/or related to the parameters for deployment of NYGB funds.

energy storage where the grid needs it most. (See RFP 13 for further information).

- As announced by Governor Cuomo in January 2020, NYGB will commit \$100 million in financing to help clean transportation businesses locate or expand in NYS.

More information about NYGB can be found at [www.greenbank.ny.gov](http://www.greenbank.ny.gov).

## 2 Application Contents

Applications must clearly and concisely address each of the topics of Sections 2.1 – 2.7, even if certain items appear self-evident. The failure to respond to a topic(s) will render the Application incomplete and NYGB unable to proceed. Furthermore, NYGB employs a rigorous process to evaluate complete proposals, and a more thorough and thoughtful response will assist NYGB to properly evaluate the Application and determine if, and how squarely, it falls within and advances NYGB's mandate.

Applications tend to be 6 – 10 pages in length, plus attachments. However, there is no requirement or constraint on Application length; instead, it is the Application's completeness, cohesiveness, clarity, and conciseness that will be evaluated.

### 2.1 Applicant(s) – Company and Management Team Credentials

NYGB seeks Applications from the following (each, an “**Eligible Applicant**”):

- Capital providers that finance or intend to finance clean energy and sustainable infrastructure technologies in NYS and more broadly;<sup>6</sup>
- Industry participants including developers, energy service companies (“**ESCOs**”), building and facility owner/operators, equipment manufacturers or others providing equipment, materials and/or services related to eligible technologies (see Section 2.2); and/or
- An “**Application Team**.” An Application Team, for example, could consist of a developer/sponsor, lead equipment provider, lead equity and/or debt provider. Regardless of whether an Application is submitted by an Applicant or an Application Team, all parties must be identified.

To be eligible for consideration, the Applicant must be an Eligible Applicant.

As a step in the electronic submission process, the Applicant will be required to disclose (and may be subject to penalties for the failure to disclose) the following (“**Required Disclosures**”):

- If the Applicant or any Application Team member is the subject of an indictment for alleged felony or any conviction for a felony under federal or state laws in the last five years and the circumstances thereof;
- If the Applicant or any Application Team member has ever been disbarred or suspended by any agency of the United States Government or the NYS Department of Labor and the circumstances thereof; and/or
- If the Applicant or any Application Team member is an association, partnership, corporation, or other organization. This disclosure requirement applies both to the organization and to its officers, partners, and directors (or members of any similar governing body)

#### 2.1.1 Submission Items

Please provide the following information, labeled “Company and Management Team Credentials”:

- (a) Confirmation that you are the Eligible Applicant or an Eligible Application Team per the criteria described above in this Section 2.1;

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<sup>6</sup> Transactions that include elements in other States, such as project assets in other states that are collateral for NYS assets, are eligible. Clearly describe the benefit to NYS of any non-state elements in your Application.

- (b) All Required Disclosures described in this [Section 2.1](#) or confirmation that there are none;
- (c) The identities of all parties to the Application;
- (d) Resumes, bios and/or LinkedIn profiles for the Applicant's or the Application Team's management team;
- (e) A summary of the Applicant's (or the Application Team's) institutional and individual qualifications and experience to undertake the implementation and financing of the project(s), ideally including summary deal lists; and
- (f) Relevant supplemental materials such as audited financial statements.

### 2.1.2 Evaluation Criteria

NYGB will evaluate the Applicant or Application Team's eligibility, any Required Disclosures and the qualifications and experience of all parties, including the management team.

## 2.2 **Technology/Technical Considerations**

NYGB participates in financing arrangements that support clean energy projects using proven technologies<sup>7</sup> – generally the same technologies that drive GHG reduction and other public benefits contemplated under existing NYS clean energy policies. An illustrative list of the principal clean energy and sustainable infrastructure technologies that are eligible for NYGB investment can be found in [Appendix 5.2: Technologies NYGB Supports](#) and on the [RFP Resources page](#) on NYGB's website.

To be eligible for consideration, Applicants must demonstrate that the proposed transaction(s) in their application utilize such a technology, provided that NYGB may support and/or participate in financing arrangements that include projects using technologies beyond the scope of the illustrative list if Applicants can demonstrate that the transaction satisfies the Key Investment Criteria and other considerations set forth in [Section 1.3](#), including the potential for increased deployment of clean energy and/or a potential for GHG reductions in NYS in support of NYS clean energy policies.<sup>8</sup>

### 2.2.1 Submission Items

Please provide the following information, labeled "[Technology/Technical Considerations](#)":

- (a) Provide a description of the technology (or technologies) involved in the proposed transaction. Confirm if it is listed in [Appendix 5.2: Technologies NYGB Supports](#) (also available on the [RFP Resources page](#)) on NYGB's website;
- (b) Describe the technology's potential for GHG reductions in NYS in support of NYS clean energy policies;
- (c) If a novel application of a proven technology is proposed, please describe previous applications of the technology;
- (d) Describe the technical components of the proposed project(s);
- (e) Identify the parties responsible for the key aspects of project design and installation/construction;
- (f) Describe the plan or contractual arrangements for O&M, quality control and warranties; and
- (g) Identify the parties that will bear technology performance risk and briefly describe the key terms of that risk assumption/mitigation.

### 2.2.2 Evaluation Criteria

NYGB will evaluate:

- (a) the eligibility of the technology(s) involved in the proposed transaction;
- (b) the technical merits of the project(s); and
- (c) the allocation of technology-related risk and its impact on financeability.

<sup>7</sup> Commercially proven clean energy technologies are preferred; although, on a case-by-case basis, NYGB may consider demonstrably commercial-ready or scalable technologies that are not yet deployed in the marketplace.

<sup>8</sup> Subject to laws, regulations, and administrative actions (e.g., Public Service Commission Orders) describing and/or related to the parameters for deployment of NYGB funds.

## 2.3 Applicant's Business Plan and Capital Needs

Applicants should describe their business plan and expected capital needs and identify/describe the private sector financial parties that are ready to move forward as well as those that have declined to proceed and the reasons why.

### 2.3.1 Submission Items

Please provide the following information, labeled "Business Plan and Capital Needs":

- (a) Describe your business model/strategy (you may also attach your Business Plan).
- (b) Describe the immediate sources and uses of capital for your project(s) or business. How much capital has been raised and from whom? How much still needs to be raised and for what purpose(s)?
- (c) As applicable, please describe the key reasons that financial parties have declined to provide the remaining required capital. If private financing terms and conditions have constituted a barrier to accessing this capital, please describe the key terms you perceive as barriers. If you have not pursued other capital sources, please explain why.
- (d) Comment on the scope of the business model, including its scalability, replicability, and potential impact in NYS and more broadly.

### 2.3.2 Evaluation Criteria

NYGB will evaluate:

- (a) The business model/strategy and feasibility;
- (b) The amount of capital invested or to be invested by identified third parties (including Applicant) and the remaining capital need;
- (c) The nature and severity of the financial barrier(s) preventing Applicant from raising the remaining required capital; and
- (d) The business model's scope, its scalability, and its potential impact in NYS and more broadly;

## 2.4 Proposed Financing Structure, Terms and Rationale

NYGB may provide financing in any number of ways including, without limitation, in the forms listed below. Please note, however, that NYGB does not generally provide capital directly to companies to fund their general business operations (e.g., working capital):

- Senior, subordinated or mezzanine debt in bilateral loans, club deals or syndicated facilities;
- Warehouse/aggregation facilities or revolving credit facilities;
- Construction and post-construction debt (e.g., construction loans, construction-to-term loans, mini-perm structures, or combinations thereof);
- Credit enhancement (e.g., guarantees of third-party capital, letters of credit, etc.);
- Preferred or common project equity; and
- Pre-construction development financing if such an arrangement can be shown to directly support increased deployment of a clean energy technology in NYS.

NYGB investments are generally made with the developer or sponsor and include financial participation and investment by one or more financial parties. Participation and investment by a financial entity may be structured in various ways, including as debt and/or equity financing at transaction close alongside NYGB financing, or as the expected takeout of a NYGB-sponsored construction facility at substantial completion or a warehouse facility upon achieving an agreed aggregation level.

NYGB will consider various transaction sizes and participation levels. NYGB can develop specific products that are targeted to industry participants in a particular class or type of clean energy project, or it can work on a

proprietary basis with a single party. However, while NYGB may pursue individually negotiated transactions as a result of this solicitation, Applicants should recognize that NYGB considers the ability to scale or replicate its structures and transactions as critical to achieving its mandate to broaden the scope and extent of clean energy financing markets in NYS, and NYGB will prioritize such financing structures and transactions.

NYGB does not offer grants or subsidies. Like other commercial financing entities, NYGB is focused on preserving its capital base and generating market returns. NYGB generally bases its pricing on market pricing for investments of comparable liquidity, credit quality, risk and position in the capital structure. NYGB's investment terms will reflect the credit risk and exposure assumed by NYGB and other capital providers involved in the project.<sup>9</sup>

#### 2.4.1 Submission Items

Please provide the following information, labeled "Proposed Financing Structure, Terms and Rationale":

- (a) Describe the overall financing structure/terms and NYGB's role; you are encouraged to include a transaction diagram.
- (b) Describe the amount of sponsor capital that is at risk and the amounts from other private capital sources.
- (c) Identify and briefly describe all grants and incentives (federal, state, utility-based, etc.) expected in the proposed financing structure. (Please note that NYGB capital may be combined with NYSERDA grants.)
- (d) Describe the status and elements of the contracts and arrangements materially affecting the valuation and risk of the project, for example:
  - Power purchase agreements ("**PPA**"), energy service agreements ("**ESA**"), and/or other revenue agreements, royalty or other similar arrangements;
  - Operation and Maintenance ("**O&M**") contracts, technology warranties or other performance guarantees, engineering, procurement, and construction ("**EPC**") contract(s);
  - Shared facilities and/or other key infrastructure, site control, key permits, etc.
- (e) Describe the key risks and mitigants relating to the financial exposure proposed to be assumed by NYGB.
- (f) Describe and provide your rationale for the base case investment returns:
  - Provide return on investment ("**ROI**") and internal rate of return ("**IRR**") at the project level.
  - Provide specific yield expectations (i.e., coupon, expected IRR, etc.) for NYGB and other private capital providers.
- (g) Provide a description of previous transactions that are directly or indirectly comparable. If there are no specific comparable transactions, describe any analogous precedent transactions from other financial sectors that have been underwritten (directly or indirectly) by the private market on a commercial basis.<sup>10</sup>
- (h) As relevant, provide a summary of loss rates and loss experience on the Applicant's (or Application Team's) prior comparable projects.
- (i) Provide a financial model and/or otherwise illustrate and quantify the economics underlying the proposed transaction. For example, but without limitation:
  - For a single project investment opportunity, Applicants might provide a project model, including sources and uses of funds, key assumptions, and financial projections for the project's life.
  - For a warehouse/aggregation financing, Applicants might describe (i) the key underwriting criteria and methods that will be used to identify and evaluate the projects expected to form part of the warehouse investment pipeline; (ii) the existing pipeline of projects under the Applicant's

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<sup>9</sup> In certain circumstances, NYGB may consider a below-market liquidity premium if its involvement is expected to materially benefit the expansion and future liquidity of the clean energy market.

<sup>10</sup> NYGB expects to receive Applications for innovative transaction structures; however, NYGB does not seek to underwrite underlying credit risks for which there is no direct or indirect private market precedent.

- control (including current development or acquisition status); and (iii) the origination strategy, marketing plans and timetable to achieve aggregation thresholds and market scale.
- o For a future flow-type transaction structure, Applicants might provide a representative model setting forth the key assumptions and projected cash flows for a typical single asset under the arrangement.

#### 2.4.2 Evaluation Criteria

NYGB will evaluate:

- (a) The acceptability to NYGB of the proposed financing structure including, without limitation, the amount, tenor, and other terms compared to those for other transaction participants;
- (b) The creditworthiness of counterparties, EPC provider(s), O&M providers, servicers, etc., as applicable, and the terms of the financing requested from NYGB;
- (c) The level of financial commitment of the Applicant(s) and any other involved parties;
- (d) The appropriateness of the pricing/returns on a risk-adjusted basis, both at the project level and for NYGB and other transaction participants;
- (e) Direct or indirect public and/or private market comparables (including pricing) as relates to counterparty credit and/or project risks;
- (f) The quality, clarity and completeness of the financial model in illustrating the transaction's risks and rewards.

## 2.5 **Contribution to Financial Market Transformation**

Market barriers vary across different technologies and market participants, but as noted earlier in Sections 1.2 and 1.3, NYGB believes that a number of particular financing issues have limited private sector capital investment, both for debt and for equity, and constrained growth in the clean energy sector for otherwise attractive clean energy and energy efficiency projects. These include a lack of transaction standardization, insufficient transaction scale and volume, less understood project sponsors and counterparty credits, insufficient data on underlying loan and technology performance and underdeveloped or nonexistent capital markets for clean energy projects. Accordingly, NYGB seeks to implement transaction structures that overcome these financing barriers and transform clean energy financing markets by enabling greater scale, new and expanded asset classes and increased liquidity.

To be eligible for consideration, Applicants must demonstrate that the proposed transaction(s) described in their application has the potential to contribute to clean energy market transformation in NYS.

#### 2.5.1 Submission Items

Please provide the following information, labeled "Contribution to Financial Market Transformation":

- (a) Describe the financing barrier(s) that would be overcome or managed more effectively through NYGB's participation.
- (b) Describe how NYGB's participation will help facilitate the transaction being done (either at all, more quickly or with additional clean energy outcomes that would not otherwise occur without NYGB support).
- (c) Most importantly, describe how the proposed transaction/financing solutions will lead to increased clean energy deployment in NYS and the achievement of financial market scale in the applicable clean energy sector:
  - o If the financing barrier were eliminated, would you and others replicate the project/transaction?
  - o How large is the NYS market opportunity associated with this project/transaction?
  - o What is the potential clean energy/sustainable infrastructure impact in terms of energy savings, clean energy installed capacity and generation, job creation, etc. in NYS, and if applicable, more broadly?

#### 2.5.2 Evaluation Criteria



NYGB will evaluate:

- (a) How effectively the financing solutions proposed will contribute to achieving market transformation in the applicable clean energy and sustainable infrastructure sectors through, among other things, their scalability and replicability; and
- (b) How the Application could impact the clean energy and sustainable infrastructure sectors in NYS by considering, among other things, the number of projects to be financed; the expected energy savings or expected clean energy installation and generation, expected useful life of a proposed technology(s); expected total project costs; and NYS economic benefits (such as job creation).

## **2.6 Expected Clean Energy Outcomes & Ongoing Tracking/Reporting Capability**

NYGB can only achieve its objectives by efficiently recycling its funds. NYGB does not issue non-refundable grants or subsidies, but instead disburses its funds under commercial arrangements generating investment income and requiring repayment in accordance with agreed investment terms. This means that as each dollar from NYGB cycles through successive investments, NYGB's impact compounds. Further, as the commercial markets expand into and increasingly accommodate sustainable infrastructure finance needs previously supported by NYGB, the multiplier effect on NYGB's activities and investments will continue through market follow-on activity.

NYGB collects and disseminates project and investment performance data (on an aggregated and anonymized basis) to improve investor awareness / confidence, promote standardization and help drive down transaction costs. As NYGB finalizes investment documentation, it will require that Applicants assist it in estimating the energy, environmental and economic impact that the transaction will deliver in NYS during the financing's term.

In addition, as determined prior to closing the transaction, Applicants must periodically provide ongoing energy, environmental and economic data to NYGB for it to compare to the upfront estimate. NYGB may also seek periodic information relating to additional impact data such as job creation, use of contractors or other transaction counterparties based in New York or impacts on New York's economy resulting through supply chain development.

To be eligible for consideration, Applicants must demonstrate that the proposed transaction(s) described in their application has the potential for GHG emissions reductions in NYS.

### **2.6.1 Submission Items**

Please provide the following information, labeled "Expected Clean Energy Outcomes & Ongoing Tracking/Reporting Capability":

- (a) Please include estimates and the supporting calculations and/or resources used to develop the estimates for the following:
  - o The ratio of (i) the cost of all proposed projects in NYS divided by (ii) NYGB's proposed investment. This is defined as the "Mobilization Ratio";
  - o The magnitude of estimated energy savings (MWh and/or MMBtu) and/or clean energy generation (MWh) resulting from new projects deployed in NYS; and
  - o The methodology that the Applicant (or designated third party) plans to employ to track, record, and monitor energy-related impacts (e.g., actual savings and/or generation), GHG emissions reductions delivered, customers served, financial products offered (e.g., PPAs, leases, loans, etc.) and clean energy measures supported.
- (b) Please confirm the Applicant's or Application Team's understanding that the impact data described above must be reported to NYGB within 30 days after the end of every quarter.

### **2.6.2 Evaluation Criteria**

NYGB will evaluate:

- (a) The Mobilization Ratio, the number of projects to be financed, the expected energy savings and/or expected clean energy installed capacity (MW) and clean energy generation, expected useful life of

proposed technologies, expected total amount of project costs and economic benefits (such as job creation) in NYS; and

- (b) The strength of the plan pursuant to which the Applicant (or designated third-party) will track and record performance data on an ongoing basis and report that information to NYGB (at a minimum within 30 days after the end of every quarter), in all cases for at least the term of the proposed financing.

## 2.7 Organization of Application & Attachments

Please provide a table or index titled “Organization of Application and Attachments” in a format substantially similar to that below, listing the Application page numbers for each of the topics listed below. If you include attachments in support of your Application, please list the attachments (or pages within the attachment) that are relevant to that topic/section. You may reference an attachment multiple times if it is responsive to more than one topic/section.

- |   |                          |
|---|--------------------------|
| 1. Applicant(s) - Company and Management Team Credentials                   | (Application pgs. # - #) |
| (a) See attachment TBD1   |                          |
| (b) See attachment TBD2, pages a – b  |                          |
| (c) etc.  |                          |
| 2. Technology/Technical Consideration                                       | (Application pgs. # - #) |
| (a) See attachment TBD3   |                          |
| (b) See attachment TBD2, pages x - y  |                          |
| (c) etc.  |                          |
| 3. Applicant’s Business Plan/Capital Needs                                  | (Application pgs. # - #) |
| (a) etc.  |                          |
| 4. Proposed Financing Structure, Terms and Rationale                        | (Application pgs. # - #) |
| (a) etc   |                          |
| 5. Contribution to Financial Market Transformation                          | (Application pgs. # - #) |
| (a) etc.  |                          |
| 6. Expected Clean Energy Outcomes & Ongoing Tracking/Reporting Capabilities | (Application pgs. # - #) |
| (a) etc.  |                          |

## 3 Application Evaluation

A rotating committee of NYGB investment team members (“**Scoring Committee**”) will review each Application to determine satisfaction of the eligibility requirements for consideration listed in Sections 2.1- 2.6, and if determined to be eligible under RFP 1, to evaluate the submission items provided in each of Sections 2.1 to 2.7 against the evaluation criteria in the same section. Overall, the Scoring Committee will:

- (a) Evaluate the Application’s financeability and execution-readiness, considering without limitation:
  - Whether NYGB and Applicant can negotiate and execute either the proposed transaction or a revised structure, consistent with NYGB’s investment criteria and operating principles;
  - Whether Applicant and all transaction counterparties are ready/able to execute the transaction; and
  - Whether Applicant has/will have the systems, processes, and resources in place to deploy the funds, manage and monitor the transaction and comply with all loan requirements, including all transaction requirements including reporting.
- (b) Evaluate the potential for financial market transformation and the expected clean energy outcome in comparison to the size and tenor of NYGB’s proposed investment, considering without limitation:
  - The scalability/replicability of the transaction structure;
  - The size of the NYS market opportunity; and
  - The Mobilization Ratio and expected NYS GHG emissions reductions/clean energy benefits.

- (c) Evaluate the transaction's overall fit relative to NYGB's current portfolio, pipeline, and strategic priorities/climate goals, including, without limitation:
  - o The proposed transaction's contribution to aggregate portfolio and pipeline financial risks and returns, including with respect to sponsor, technology, offtaker and geographic considerations;
  - o The size, tenor, and type of investment relative to NYGB's current investment portfolio and investment pipeline considering, among other things, capital, and staffing opportunity cost; and
  - o The proposed transaction's furtherance of NYGB strategic priorities and NYS climate goals codified in the CLCPA; and
- (d) Evaluate the Application's cohesiveness, clarity, and conciseness

As a result of the Scoring Committee's evaluation:

- The Application may be deemed "Passing" in which case NYGB will arrange for proposed transaction to move to NYGB's active pipeline;
- The Application may be deemed "Not Passing" because it is determined to be ineligible under RFP 1 or does not score highly across the evaluation criteria. No further action will be taken, although the Applicant may request a one-time verbal debrief and, should circumstances surrounding the transaction change, may submit a revised application at a later date; or
- The Application may be deemed "Unclear – Additional Clarification / Information Required" if the Scoring Committee members were unable to fully evaluate the Application. In this event, the Applicant is strongly encouraged to contact NYGB to discuss the reason(s) that the Application could not be fully evaluated and to provide additional clarification or information that would allow the Application to be fully evaluated. Upon receipt of sufficient clarification or information, the Scoring Committee will evaluate the Application in full to reach a "Passing" or "Not Passing" determination.

The Scoring Committee tends to meet weekly, so Applicants can generally expect to receive an email response with the committee's evaluation within two weeks after NYGB's receipt of an Application.

## 4 General Conditions

### 4.1 Costs & Expenses

Once an Application has been submitted to NYGB and evaluated as meeting the requirements of this RFP, the proposed transaction will move into NYGB's active pipeline. Then, if the Applicant/Sponsor and NYGB have preliminarily agreed upon general indicative transaction terms, they will execute an engagement letter providing that whether or not the proposed investment is closed, the Applicant/Sponsor will pay all NYGB's costs and expenses associated with preparation, due diligence, development and administration of all investment-related documentation (including the fees, disbursements and other charges of outside counsel to NYGB, independent engineers, background investigators or other consultants). The Applicant/Sponsor will also agree to pay third-party fees and expenses incurred by NYGB in connection with the administration, amendment, waiver, modification and/or enforcement of any of the investment-related documentation.

### 4.2 Municipal Advisor Rules

NYGB is aware of the amendments to Section 15B of the Securities Exchange Act of 1934 effectuated by Section 975 of Title IX of the Dodd-Frank Act, as well as SEC Release No. 34-70462 (September 20, 2013). In this regard, please note that NYGB considers discussions with potential Applicants and the review of Applications, to be arm's-length negotiations. NYGB recognizes that Applicants have financial and other interests that differ from NYGB; as such, NYGB does not consider a fiduciary relationship to arise in this context. NYGB has engaged an independent registered municipal advisor ("IRMA") with the intent of relying (i.e., taking into careful consideration, along with any other information deemed relevant or appropriate) on that IRMA for advice related to any potential transactions (but not bound to follow that advice), and consequently allowing Applicants to qualify for the exemption provided by

17 CFR §240.15Ba1-1(d)(3)(vi) (the “**IRMA exemption**”). The name and contact information of the IRMA is listed on the NYGB website at [www.greenbank.ny.gov/IRMA](http://www.greenbank.ny.gov/IRMA), and the IRMA is available to respond to any questions an Applicant may have with respect to the IRMA’s independence.

### **4.3 Proprietary Information**

Among NYGB’s goals is the promotion of standardization of material contract terms and structures and the collection of project performance data across NYGB transactions. NYGB is keenly aware that commercial markets and their incumbents value non-disclosure extremely highly to protect confidential transaction terms and other competitive information, and NYGB remains highly sensitized to usual and customary confidentiality practices. Nevertheless, as a division of NYSERDA, certain State laws specifically apply to NYGB and it is recommended that careful consideration be given before confidential information is submitted to NYGB as part of any Application. Review should include whether it is critical for evaluating an Application and whether more general, non-confidential information may be adequate for review purposes.

New York’s Freedom of Information Law, Public Officers Law, Article 6 provides for public access to information NYSERDA and its divisions possess. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYGB that the Applicant wishes to have treated as proprietary and confidential trade secret information should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to except it from disclosure, including a written statement of the reasons why the information should be excepted. See Public Officers Law, Section 89(5) and the procedures set out in 21 NYCRR Part 501. The confidentiality of any information submitted cannot be guaranteed.

### **4.4 Limitation**

This RFP does not commit NYGB to agree to participate in any transaction, proceed to negotiate any terms or definitive documentation, pay any costs incurred in preparing an Application or to procure or contract for services or supplies. NYGB reserves the right to accept or reject any or all Proposals received, to negotiate with all qualified parties or to cancel in part or in its entirety this RFP when it is in NYGB's best interest.

## 5 Appendix

### 5.1 Instructions for Submitting Investment Proposals

Please read the following instructions before submitting an investment Application to NY Green Bank.

1. Go to [www.greenbank.ny.gov](http://www.greenbank.ny.gov).
2. In the top menu navigation of the site, hover over “**Work with Us,**” and click on “**Open Solicitations**” in the drop-down menu. On this page, locate the investment RFP for which you are submitting an Application and click on “**See all documents for RFP [X].**”
3. Under the section entitled “**Application Submission**” click the “**Submit Application Online**” hyperlink.
4. Log in with your NY Green Bank Portal Username and Password credentials, or create an account if you do not already have one.
5. To create an account:
  - Input your company and contact information in the sections provided and complete all the required fields;
  - Check your email inbox for a portal registration confirmation email at the address you entered;
  - Check your email for an auto-generated portal welcome email, and use the information provided to log in to the system; and
  - Feel free to save your Application submission at any time, log out, and return to it at a later date.
6. **Portal Navigation:**
  - **Blue Action Boxes** at the top of the page provide further direct as you fill out the Application submission sections.
  - **Green Action Boxes** contain text notifying user success in the specified Application submission step.
  - **Red Action Boxes** contain text for any Application submission errors that need to be corrected by the user.
  - **Help text** is provided by hovering over the question mark icon next to a given field.
  - **Required fields** are denoted by a red asterisk.
  - If you accidentally navigate away from your Application submission while in the portal, you can access your submission by going back to the initial submission page on NYGB’s website.
7. **Inputting Key Information:** Follow the instructions in the blue action box and fill out information for:
  - Applicant Contact Information (Step 1);
  - Application Information (Step 2); and
  - Estimated Total Project Cost (Step 3).
8. **Required Documents (Step 4):**
  - The electronic file names should include the proposing entity’s name in the title of the document (note: there is an 80-character limit).
  - You may submit Word, Excel, or PDF files (file formats can include csv, doc, docx, gif, jpeg, jpg, pdf, png, pptx, pps, ppsx, tif, txt, xls, xlsx, and zip). Individual files should not exceed 100 MB in file size.
  - Under “**Required Documents,**” upload your Application, which should address each of the “**Application Contents Sections**” outlined in each respective investment RFP document on NYGB’s website.
  - Under “**Optional Documents,**” upload any supplemental material that you consider is necessary for NYGB staff to consider when reviewing your Application (e.g. financial models,

business plan, marketing materials, etc.). Please note that there is a maximum number of six (6) additional attachments.

#### 9. Authorized Signature & Certification (Step 5)

- Review contents of your submission for accuracy, and check the certification box.

#### 10. Application Submission (Step 6)

- Press the “**Submit**” button.
- You will see a dialogue box confirming successful submission and will receive a confirmation email.

To submit more than one investment Application – now or at a later date - navigate back to the “**Propose an Investment**” page of NYGB’s website and begin the process again. You can use the same credentials to log in to the Application submission portal as described in items (4) and (5) above.

If you need help at any point in during the submission process, refer to the “RFP Resources” section of NYGB’s website or email [InvestmentRFPs@greenbank.ny.gov](mailto:InvestmentRFPs@greenbank.ny.gov), including the RFP number in the subject line.

To speak with a NYGB representative, you may call the main line at (212)379-6260 during normal business hours.

## 5.2 Technologies NYGB Supports

Below is an illustrative, non-prescriptive and non-exhaustive list of technologies that NY Green Bank investments can support. *Please note, NY Green Bank invests in commercially proven technologies.* NY Green Bank may consider supporting technologies beyond the scope of this list as long as a potential for increased deployment of clean energy is demonstrated and/or a potential for GHG reductions in support of NY State’s clean energy policies.<sup>11</sup>

### **Clean Energy Generation Sources:**<sup>12</sup>

- Solar (no minimum/maximum capacity)
  - Photovoltaics
  - Thermal
- Wind (no minimum/maximum capacity)
  - Onshore
  - Offshore
- Hydroelectric
  - Upgrades and/or repowering
  - New low-impact run-of-facility (30 MW or less with no new storage impoundment)
- Geothermal electric
- Tidal Energy
- Wave Energy
- Ocean thermal
- Fuel cells
- Biomass, so long as contracted under a NYSERDA incentive program or a Tier 1 REC procurement<sup>13</sup>

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<sup>11</sup> Subject to laws, regulations, and administrative actions (e.g., Public Service Commission orders) describing and/or related to the parameters for deployment of NYGB funds.

<sup>12</sup> This list specifically excludes nuclear, municipal solid waste combustion and natural gas fed combined heat and power systems and adulterated biomass or biofuels fed generators.

<sup>13</sup> See Biomass Power Guide: <http://www.nyserda.ny.gov/-/media/Files/EDPPP/Energy-and-Environmental-Markets/RPS/RPS-Documents/NYS-RPS-biomass-guidebook.pdf>

### **Energy Efficiency Resources:**

- Energy Efficiency Measures outlined in NYS’s Technical Resource Manual (“TRM”)<sup>14</sup>
  - Single and Multi-Family Residential Measures
    - Appliances
      - Appliance
      - Control
      - Recycling
    - Building Shell
    - Domestic Hot Water and Associated Control Systems
    - Heating, Ventilation and Air Conditioning (HVAC) and Associated Control Systems
    - Lighting
    - Lighting – Control
    - Motors and Drives
    - Other
  - Commercial and Industrial Measures
    - Agriculture Equipment
    - Agricultural Equipment – Control
      - Appliances
        - Appliance
        - Control
        - Recycling
      - Building Shell
      - Compressed Air
      - Domestic Hot Water
      - Domestic Hot Water – Control
      - Heating, Ventilation and Air Conditioning (HVAC)
      - Heating, Ventilation and Air Conditioning (HVAC) – Control
      - Lighting
      - Lighting – Control
      - Motors and Drives
      - Process Equipment
      - Refrigeration
      - Refrigeration – Control
      - Custom Measures
        - Category 1 – Unique Measures/Projects
        - Category 2 – Measures Including Prescriptive Measures not in the TRM
        - Category 3 – Measures in TRM but used in a different application/environment
        - Category 4 – Whole Building Analysis
        - Other

### **Other Clean Energy Technologies:**

- Clean Transportation
- Electric vehicle infrastructure (including charging stations)
- Thermal and Electric Energy Storage
- Bioenergy for use cases other than electricity generation (e.g., alternative fuels)<sup>15</sup>
- Geothermal ground source heat
- Port Infrastructure in support of Offshore wind projects
- Any other clean energy technology eligible under the NYS Public Service Commission’s “Order Authorizing the Clean Energy Fund Framework,” issued and effective January 21, 2016, and any related orders issued by the Public Service Commission.

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<sup>14</sup> See Technical Resource Manual for current version

<sup>15</sup> Projects must demonstrate that the overall greenhouse gas (GHG) impacts of the fuel will be negative. Applicants should use an acceptable Lifecycle Analysis approach (EPA RFS, CALARB, etc..) evaluating the 20-year and 100-year Global Warming Potential of: the feedstock production and its transportation; fuel production and its transportation; and use of the finished fuel.

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**Section Break**



## Projects Selected for Funding by Region

Period 4/1/2021 through 9/30/2021

REDC Region	County	Electric Utility	Total Funded Amount
<b>Capital Region</b>	Albany	National Grid	23,477,045
	Columbia	Central Hudson Gas and Electric	11,050
		National Grid	195,960
		NYS Electric and Gas	44,342
	Greene	Central Hudson Gas and Electric	3,726,042
	Rensselaer	National Grid	5,015,823
		NYS Electric and Gas	15,984
	Saratoga	National Grid	3,671,057
		NYS Electric and Gas	13,244
	Schenectady	National Grid	99,579
	Warren	National Grid	670,855
	Washington	National Grid	25,762,001
		NYS Electric and Gas	30,755
<b>Total</b>		<b>62,733,737</b>	
<b>Central New York</b>	Cayuga	National Grid	6,143
		NYS Electric and Gas	40,405,034
		Rochester Gas and Electric	5,460
	Cortland	National Grid	968,446
	Madison	National Grid	943,297
		NYS Electric and Gas	234,919
	Onondaga	National Grid	3,091,842
		NYS Electric and Gas	2,527,102
	Oswego	National Grid	2,842,934
	<b>Total</b>		<b>51,025,176</b>
	<b>Finger Lakes</b>	Genesee	National Grid
Livingston		National Grid	1,740,510
		NYS Electric and Gas	1,132,778
		Rochester Gas and Electric	85,000
Monroe		Municipal Utilities	4,799,256
		National Grid	2,859,142
		Rochester Gas and Electric	5,597,346
Ontario		National Grid	17,780
		NYS Electric and Gas	2,102,654
		Rochester Gas and Electric	2,450,790
Orleans		National Grid	178,193
Seneca		NYS Electric and Gas	235,888
Wayne		NYS Electric and Gas	92,691
		Rochester Gas and Electric	1,204,716
Wyoming		NYS Electric and Gas	1,269,261
Yates		Municipal Utilities	2,492,687
		NYS Electric and Gas	19,840
<b>Total</b>		<b>46,927,733</b>	
<b>Long Island</b>	Mastic Beach	Long Island Power Authority	6,250
	Nassau	Long Island Power Authority	659,892

## Projects Selected for Funding by Region

Period 4/1/2021 through 9/30/2021

REDC Region	County	Electric Utility	Total Funded Amount
Long Island	Suffolk	Long Island Power Authority	6,250
		Long Island Power Authority	1,950,170
	<b>Total</b>		2,622,562
Mid-Hudson	Dutchess	Central Hudson Gas and Electric	3,370,813
		NYS Electric and Gas	166,359
	Orange	Central Hudson Gas and Electric	395,651
		NYS Electric and Gas	5,379
		Orange and Rockland Utilities	5,467,408
	Putnam	Central Hudson Gas and Electric	17,210
		NYS Electric and Gas	124,058
	Rockland	Orange and Rockland Utilities	515,717
	Sullivan	Central Hudson Gas and Electric	266,580
		NYS Electric and Gas	1,119,635
		Orange and Rockland Utilities	30,864
	Ulster	Central Hudson Gas and Electric	5,273,717
	Westchester	Consolidated Edison	23,492,652
		NYS Electric and Gas	104,491
<b>Total</b>		40,350,533	
Mohawk Valley	Fulton	National Grid	4,571,736
	Herkimer	Municipal Utilities	72,605
		National Grid	1,179,784
	Montgomery	National Grid	120,482,169
	Oneida	National Grid	17,182,358
		NYS Electric and Gas	11,631,329
	Otsego	National Grid	9,241
		NYS Electric and Gas	394,206
Schoharie	National Grid	27,672	
<b>Total</b>		155,551,101	
New York City	Bronx	Consolidated Edison	6,034,385
	Kings	Consolidated Edison	11,302,380
	New York	Consolidated Edison	1,291,427
		Consolidated Edison	18,827,693
	Queens	Consolidated Edison	10,803,225
		Long Island Power Authority	63,792
	Richmond	Consolidated Edison	1,197,332
<b>Total</b>		49,520,234	
North Country	Clinton	Municipal Utilities	74,200
		NYS Electric and Gas	481,201
	Essex	Municipal Utilities	56,000
		National Grid	1,913,931
		NYS Electric and Gas	11,722
	Franklin	Municipal Utilities	637,380
National Grid		194,960	
	NYS Electric and Gas	2,034,736	

## Projects Selected for Funding by Region

Period 4/1/2021 through 9/30/2021

REDC Region	County	Electric Utility	Total Funded Amount
<b>North Country</b>	Jefferson	National Grid	6,003,366
	Lewis	National Grid	2,504,974
	St Lawrence	National Grid	5,198
	St. Lawrence	National Grid	2,733,890
	<b>Total</b>		16,651,559
<b>Southern Tier</b>	Broome	NYS Electric and Gas	1,291,058
	Chemung	NYS Electric and Gas	1,532,968
	Chenango	NYS Electric and Gas	1,442,700
	Delaware	NYS Electric and Gas	1,745,704
	Schuyler	NYS Electric and Gas	1,275,000
	Steuben	NYS Electric and Gas	4,093,815
	Tioga	NYS Electric and Gas	2,285,595
	Tompkins	NYS Electric and Gas	3,668,641
	<b>Total</b>		17,335,480
<b>Statewide</b>	STATEWIDE	Statewide	1,624,127,250
	<b>Total</b>		1,624,127,250
<b>Western New York</b>	Allegany	National Grid	1,048,519
		NYS Electric and Gas	941,032
		Rochester Gas and Electric	8,032
	Cattaraugus	National Grid	6,564,003
	Chautauqua	Municipal Utilities	8,640
		National Grid	15,083,080
		NYS Electric and Gas	123,213
	Erie	Municipal Utilities	9,660
		National Grid	5,412,275
		NYS Electric and Gas	4,279,365
	Niagara	NYS Electric and Gas	8,750
		National Grid	1,927,981
		NYS Electric and Gas	5,418
	<b>Total</b>		35,419,968
	<b>Grand Total</b>		2,102,265,332

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**Projects Selected for Funding by Region**  
**Period 4/1/2021 through 9/30/2021**

REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount		
Capital Region	Abt Associates Inc.	Albany	National Grid	Home Perf w Energy Star, Research & Documen..	100,000		
	AC Power, LLC	Washington	National Grid	>200KW PV, NY Sun	1,036,035		
	Active Solar Development, LLC	Saratoga	National Grid	>200KW PV, NY Sun	478,319		
	Affordable Housing Partnership	Albany	National Grid	OTHER PROGRAM AREA, CEEP Capital Regio..	204,834		
	Albany Housing Authority	Albany	National Grid	Multifam Performance Pgm, Multifamily	308,000		
				NYCH: LMI, Clean Heating & Cooling	484,000		
	Albany Solar Solutions L.L.C.	Saratoga	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	7,154		
	AlienVault, Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, Alien Vault USM ..	10,852		
	Allegis Group Holdings Inc	Albany	National Grid	76 West, SA.078 - Innovation_APM	236,696		
				High Performing Grid, SA.078 - Innovation_APM	59,174		
				NYCH: Supply Chain, SA.054_TWO #9 - SFR PM	399,829		
	Amazon Capital Servies, Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, USB C to HDMI ..	8,310		
	American Energy Care, Inc.	Albany	National Grid	<200KW PV, PON 2112 NY SUN	118,180		
				Rensselaer	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	7,668
				Saratoga	National Grid	<200KW PV, PON 2112 NY SUN	8,680
				Schenectady	National Grid	<200KW PV, NY-Sun	7,848
				Warren	National Grid	<200KW PV, PON 2112 NY SUN	7,686
				Washington	National Grid	<200KW PV, PON 2112 NY SUN	5,544
			NYS Electric and Gas	<200KW PV, NY-Sun	5,400		
	AMP US HoldCo Inc.	Rensselaer	National Grid	>200KW PV, NY Sun	1,124,046		
	Apex Solar Power LLC	Columbia	National Grid	<200KW PV, PON 2112 NY SUN	6,237		
				Saratoga	National Grid	<200KW PV, PON 2112 NY SUN	180,544
				Warren	National Grid	<200KW PV, PON 2112 NY SUN	6,930
	Appleton Solar 1, LLC	Saratoga	National Grid	>200KW PV, NY Sun	1,274,816		
				NY-SUN, NY Sun	1,649,762		
	Aztech Geothermal, LLC	Albany	National Grid	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,160		
				Saratoga	National Grid	NYCH: Talent Ppln:CE and OJT, OJT HIRE	9,600
	Barbera Homes and Develop..	Albany	National Grid	Single Family New Construction, NCP Housing	10,200		
	Beaver Dam Solar 1, LLC	Albany	National Grid	>200KW PV, NY Sun	1,124,604		
				NY-SUN, NY Sun	1,349,525		
	Bizodo Inc	Albany	National Grid	NYSERDA ADMINISTRATION, Seamlessdocs Li..	46,363		
	Bond, Schoeneck & King, PLLC	Albany	National Grid	NYSERDA ADMINISTRATION, Attorney General..	50,000		
				NYSERDA ADMINISTRATION, HR Outside Cou..	30,000		
	C&S Engineers, Inc.	Warren	National Grid	NYCH: Technical Assistance, FT13504 - 100 Par..	141,500		
	Canyon Engineering Solutions..	Saratoga	National Grid	K-12 SCHOOLS, FT13354 - 50 Wood Rd - FTC	13,609		
	Capital District Records Mana..	Albany	National Grid	NYSERDA ADMINISTRATION, Tape/ Disk Stora..	3,943		
	Capital Region BOCES	Albany	National Grid	Talent Pipeline:CE and OJT, electric vehicles (EV)	49,953		
	Carahsoft Technology Corporation	Albany	National Grid	EVALUATION, 2021-22 Qualtrics Software	60,695		
				NYSERDA ADMINISTRATION, Carahsoft Salesf..	15,452		
				NYSERDA ADMINISTRATION, Salesforce Com..	20,230		
	Catholic Charities of the Dioce..	Albany	National Grid	New Construction Housing, 2019 LRNCP	12,000		
	CHA Consulting Inc.	Albany	National Grid	REV Campus Challenge, SA.051_TWO #6_EP&..	342,800		
				Strategic Energy Manager, SA.051_TWO #6_EP..	202,200		
				Rensselaer	National Grid	NYCH: District, PON4614 Round #1 City of Troy	99,995
	City of Hudson	Columbia	National Grid	CEC400057 City of Hudson	30,000		
Clean Energy Communities, CEC400057 City of ..				5,000			
Cohen Ventures Inc	Albany	National Grid	Code to Zero, Task Work Order #4	649,989			
			Product Standards, Task Work Order #3	500,000			
Community Power Group, LLC	Washington	National Grid	>200KW PV, NY-Sun	824,959			
Consumerbase LLC	Albany	National Grid	Eval MCDC Cross Cutting, Purchase Industrial e..	14,102			
CoStar Realty Information, Inc.	Albany	National Grid	Eval MCDC Cross Cutting, 2021-22 Costar Subs..	22,818			
Crisafulli Bros Plumbing Heati..	Albany	National Grid	NYSERDA ADMINISTRATION, Replace CCN G..	10,442			

**Projects Selected for Funding by Region**  
**Period 4/1/2021 through 9/30/2021**

REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Capital Region	Croton Energy Group, Inc.	Rensselaer	National Grid	<200KW PV, PON 2112 NY SUN	69,685
	Day Automation Systems, Inc.	Warren	National Grid	Real Time Enrgy Management, Day-Glens Falls-..	491,444
	Dell, Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, 50 Wyse 3040 n..	17,367
				NYSERDA ADMINISTRATION, Azure / Checkpoi..	44,676
				NYSERDA ADMINISTRATION, Wyse Managem..	11,889
				OTHER PROGRAM AREA, DEC collaboration e..	13,827
	DNV Energy Insights USA Inc.	Saratoga	National Grid	Technical Services, AEAP	5,939
	Dolan Solar, LLC	Washington	National Grid	REC:CES REC Contracts, RESRFP20-1	11,925,158
	Eden Renewables, LLC	Rensselaer	National Grid	>200KW PV, NY Sun	824,300
	Eiger 3970 Consultants Inc.	Columbia	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	5,569
	EME Consulting Engineering Group, LLC	Albany	National Grid	Commercial New Construc, SA.038A_TWO #7 - ..	99,398
				K-12 SCHOOLS, SA.036c_TWO #8 - EP&E	87,271
				K-12 SCHOOLS, SA.052_TWO #9 - EP&E	248,435
				New Construction Housing, SA.038A_TWO #7 - ..	430,723
				New Construction- Commercial, SA.038A_TWO ..	132,530
				Retrofit NY, SA.057_TWO #11 - Multifamily	200,000
				REV Campus Challenge, SA.052_TWO #9 - EP&..	8,565
				SA.076_TWO# 14_FS BA	356,175
				Strategic Energy Manager, SA.036c_TWO #8 - E..	500,000
	Strategic Energy Manager, SA.052_TWO #9 - E..	150,000			
	Emergent Urban Concepts, LLC	Albany	National Grid	Empire Building Challenge, Support for Empire B..	75,000
				NYCH: Empire Build Challenge, Support for Empi..	175,000
	Empire Solar Solutions LLC	Columbia	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,040
	ePlus inc	Albany	National Grid	ePLUS - HPE Smart Array	12,847
				NYSERDA ADMINISTRATION, EPlus - wireless ..	6,472
				NYSERDA ADMINISTRATION, Manage Engine ..	15,208
				NYSERDA ADMINISTRATION, VEEAM License ..	8,894
				NYSERDA ADMINISTRATION, VMWare Worksp..	13,978
				VDI Horizon Hardware / Service	15,219
	ESRI, Incorporated	Albany	National Grid	NYSERDA ADMINISTRATION, ArcGIS Desktop ..	22,200
	Freepoint Solar LLC	Greene	Central Hudson Gas a..	>200KW PV, NY Sun	1,055,126
	Frontier Energy, Inc.	Albany	National Grid	Home Perf w Energy Star, TWO #2 QA TA GSH..	50,000
				Home Perf w Energy Star, TWO#1: Inspection (G..	50,000
	Fusco Personnel, Inc.	Albany	National Grid	Cleantech ICC Engage, TS.020_TBI_Coordinator	23,400
				Energy Storage Tech/Prod Dev, TS.020_TBI_Co..	23,400
				High Performing Grid, TS.020_TBI_Coordinator	23,400
				NYCH: Innovation, TS.020_TBI_Coordinator	23,400
				Pub Transit & Elect Rail, TS.020_TBI_Coordinator	23,400
				REC:CES REC System Dev Costs, TS.007/TS.0..	26,000
	GCOM Software LLC	Albany	National Grid	NYSERDA ADMINISTRATION, Salesforce	1,700,000
	Great Oaks 150, LLC	Albany	National Grid	New Construction Housing, NCP Housing	240,000
	Harris Beach PLLC	Albany	National Grid	NEW YORK GREEN BANK, Green Bank PAAA	15,000
				NYSERDA ADMINISTRATION, Financial Solutio..	25,000
				NYSERDA ADMINISTRATION, Real Estate Issu..	10,000
	Honeywell International Inc.	Albany	National Grid	RENEWABLE HEAT NY, RHHNY Pellet Stove QA ..	6,459
	Hudson River Renewables	Columbia	National Grid	<200KW PV, PON 2112 NY SUN	5,180
	ICE Data, LP	Albany	National Grid	ENERGY ANALYSIS, WebICE and ICE Connect ..	21,680
inMotion, Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, inMotion Subscri..	3,663	
International Code Council, Inc.	Albany	National Grid	Code to Zero, NYStretch 2020 Code Book	16,500	
Jones Lang LaSalle Americas,...	Albany	National Grid	Real Time Enrgy Management, JLL-Multisite-RT..	156,904	
Kasselman Solar LLC	Albany	National Grid	<200KW PV, PON 2112 NY SUN	23,340	
	Columbia	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	5,481	

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Capital Region	Kasselman Solar LLC	Greene	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	8,710
		Rensselaer	National Grid	<200KW PV, NY-Sun	8,848
		Saratoga	National Grid	<200KW PV, PON 2112 NY SUN	22,042
			NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	17,117
		Schenectady	National Grid	<200KW PV, NY-Sun	6,090
				<200KW PV, PON 2112 NY SUN	50,630
		Washington	National Grid	<200KW PV, NY-Sun	7,476
	L&S Energy Services, Inc.	Albany	National Grid	Technical Services, FT13769 - 46 School - FTC	8,800
		Saratoga	National Grid	Technical Services, FT13745 - 461 9N - FTC	7,045
		Warren	National Grid	NYCH: Technical Assistance, FT13716 - Warren ..	9,546
	Level 3 Communications, LLC	Albany	National Grid	NYSERDA ADMINISTRATION, Information Tech..	9,984
	Levitan & Associates, Inc.	Albany	National Grid	NY-SUN, TWO 1 Future of Solar White Pp	144,000
	LexisNexis	Albany	National Grid	NYSERDA ADMINISTRATION, Online Legal Res..	194,710
	Livingston Energy Group	Schenectady	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	53,844
	M/E Engineering, P.C.	Columbia	National Grid	New Construction- Commercial, Commercial Ne..	17,680
	Marshall & Sterling, Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, RFP 4301 Insura..	65,875
	Matthews Buses Incorporated	Albany	National Grid	CLEAN TRANSPORTATION, NYTVIP - Bethlehe..	10,836
	Meadowbrook Realty Holding..	Albany	National Grid	Multifam Performance Pgm, Multifamily	1,000,000
	Mohawk Fine Papers Inc.	Albany	National Grid	On-Site Energy Manager, OsEM77-I - Mohawk Fi..	63,000
	MVP Consulting Plus, Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, SAS Annual Mai..	214,000
	NASEO	Albany	National Grid	Prof & Expert Engagement, 2021 NASEO Memb..	10,473
	Network Experts of New York,..	Albany	National Grid	NYSERDA ADMINISTRATION, Anu - Profession..	15,960
	New Buildings Institute, Inc.	Albany	National Grid	Code to Zero, TWO # 4	7,860
New York Power Authority	Albany	National Grid	NYCH: Technical Assistance, FT13315-Universit..	1,042,500	
			Technical Services, FT13620 - Hampton - FTC	179,919	
New York State Forum for IRM	Albany	National Grid	NYSERDA ADMINISTRATION, NYS Forum Me..	6,840	
New York State Solar Farm Inc.	Columbia	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,500	
Nextera Energy Capital Holdings, Inc	Rensselaer	National Grid	>200KW PV, NY Sun	5,544	
			NY-SUN, NY Sun	1,124,046	
Norstar Development USA, LP	Saratoga	National Grid	New Construction Housing, LR NCP - Incentives ..	1,648,601	
Northeast Energy Efficiency Partnerships	Albany	National Grid	Air Source Heat Pumps, 2021 Membership	1,200	
			Clean Energy Communities, 2021 Membership	25,000	
			Code to Zero, 2021 Membership	10,000	
			Home Energy Ratings, 2021 Membership	20,000	
			NYSERDA ADMINISTRATION, 2021 Membership	25,000	
			Product Standards, 2021 Membership	10,000	
			Product Standards, Prod & Appliance Stnd Portal	25,000	
			Prof & Expert Engagement, 2021 Membership	50,000	
			Strategic Energy Manager, 2021 Membership	50,000	
NRP Holdings LLC	Albany	National Grid	New Construction Housing, NCP Housing	10,000	
NYS Office for Technology	Albany	National Grid	NYSERDA ADMINISTRATION, Office 365: 4/202..	86,000	
NYS Office of Information Technology Ser	Albany	National Grid	NYSERDA ADMINISTRATION, ITS Outstanding ..	172,068	
			NYSERDA ADMINISTRATION, Office 365 2020 -..	57,778	
NYS School Facilities Associa..	Albany	National Grid	Workforce Industry Partnership, PON 3715 (BOM)	1,391	
Oracle America, Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, Peoplesoft - Ora..	350,000	
			NYSERDA ADMINISTRATION, Peoplesoft Enter..	13,400	
Plugin Stations Online, LLC	Columbia	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	54,308	
PlugPV, LLC	Albany	National Grid	<200KW PV, PON 2112 NY SUN	7,680	
			Talent Pipeline:CE and OJT, OJT HIRE	11,305	
	Columbia	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	19,200	
	Greene	Central Hudson Gas a..	<200KW PV, NY-Sun	8,568	
				16,320	

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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Capital Region	PlugPV, LLC	Rensselaer	National Grid	<200KW PV, PON 2112 NY SUN	6,307
		Saratoga	National Grid	<200KW PV, PON 2112 NY SUN	5,593
		Schenectady	National Grid	<200KW PV, PON 2112 NY SUN	5,705
		Washington	National Grid	<200KW PV, NY-Sun	9,248
				<200KW PV, PON 2112 NY SUN	29,946
		NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,355	
	Provanage, LLC	Albany	National Grid	NYSERDA ADMINISTRATION, Monitors 50 Mini ..	11,428
	Raj Technologies Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, Modification - Na..	394,673
	Randstad North America Inc	Albany	National Grid	Cleantech ICC Engage, TS.003_TBI Coordinator	10,949
				Energy Storage Tech/Prod Dev, TS.003_TBI Coo..	10,949
				High Performing Grid, TS.003_TBI Coordinator	10,949
				NYCH: Innovation, TS.003_TBI Coordinator	10,949
				Pub Transit & Elect Rail, TS.003_TBI Coordinator	10,949
	Randstad North America, Inc.	Albany	National Grid	Clean Energy Communities, Payroll Services_CE..	143,013
				Code to Zero, Payroll Services_CPS	10,774
				Code to Zero, Payroll Services_CPS Sr. PM	483,327
				Code to Zero, Payroll Services_Market Dev	10,774
				Community RH&C, PS.056_CHC APM	182,013
				ENERGY ANALYSIS, Payroll Services_Modeling..	1,326
				Healthy Homes VB Payment Pilot, Payroll Servic..	18,600
				Home Perf w Energy Star, Payroll Services_EAE	78,900
				Home Perf w Energy Star, Payroll Services_EAE ..	21,548
				NEW YORK GREEN BANK, Payroll Services_N..	31,054
				NYCH: District, Clean Heating & Cooling	19,013
				NYCH: Innovation, Payroll Services_Advanced B..	21,548
NYSERDA ADMINISTRATION, Payroll Services				57,038	
NYSERDA ADMINISTRATION, Payroll Services..				10,774	
NYSERDA ADMINISTRATION, Payroll Services..				5,387	
NYSERDA ADMINISTRATION, Payroll Services..				10,774	
NYSERDA ADMINISTRATION, Payroll Services..				12,431	
NYSERDA ADMINISTRATION, Payroll Services..				10,774	
NYSERDA ADMINISTRATION, Payroll Services..				60,840	
NYSERDA ADMINISTRATION, TS.022 - Facilitie..				115,830	
Payroll Services_Eval Intern	16,161				
Re:Vision Architecture, Inc.	Albany	National Grid	New Construction- Commercial, Commercial Ne..	62,952	
Regional Economic Models, Inc	Albany	National Grid	ENERGY ANALYSIS, REMI User License and F..	44,000	
Resource Refocus LLC	Albany	National Grid	Code to Zero, Comparison Analysis	50,000	
Ricoh USA Inc	Albany	National Grid	NYSERDA ADMINISTRATION, RFP 3919-Siteco..	500,000	
Ridgeline Heating and Cooling..	Albany	National Grid	NYCH: Talent Ppln:CE and OJT, OJT HIRE STE..	10,240	
Rosenblum Property Services, LLC	Albany	National Grid	SARATOGA TECHNOLOGY & ENERGY PARK, ..	199,000	
	Saratoga	National Grid	SARATOGA TECHNOLOGY & ENERGY PARK, ..	11,145	
Same Sun of Vermont, Inc	Washington	NYS Electric and Gas	<200KW PV, NY-Sun	20,000	
Seed Renewables Inc.	Warren	National Grid	<200KW PV, PON 2112 NY SUN	6,307	
SHI, Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, Adobe Acrobat P..	91,870	
			NYSERDA ADMINISTRATION, AeroHive Hive M..	7,291	
			NYSERDA ADMINISTRATION, Docking stations ..	26,352	
			NYSERDA ADMINISTRATION, Imaging /shippin..	7,809	
			NYSERDA ADMINISTRATION, Surface Laptop ..	96,458	
			NYSERDA ADMINISTRATION, Surface Laptop ..	96,458	
			NYSERDA ADMINISTRATION, Tableau Desktop..	84,623	
			NYSERDA ADMINISTRATION, USB-C to Ethern..	7,875	
Pure Storage Array	192,949				



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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Capital Region	Sigora Solar	Albany	National Grid	<200KW PV, PON 2112 NY SUN	6,930
	Sitecore USA, Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, Sitecore CMS So..	49,500
	Siteimprove, Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, Site Improve - 3 ..	3,300
	Smith Engineering PLLC	Albany	National Grid	Workforce Industry Partnership, PON 3715 BOM ..	345,958
	Solar Liberty Energy Systems,...	Rensselaer	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	8,316
	SolarCommunities Inc.	Albany	National Grid	<200KW PV, NY-Sun	11,200
				<200KW PV, PON 2112 NY SUN	11,123
		Columbia	National Grid	<200KW PV, PON 2112 NY SUN	40,180
			NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	19,338
		Greene	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	15,218
		Saratoga	National Grid	<200KW PV, PON 2112 NY SUN	5,187
		Warren	National Grid	<200KW PV, PON 2112 NY SUN	7,004
		Sologistics, LLC	Schenectady	National Grid	Talent Pipeline:CE and OJT, OJT HIRE
	Somers Solar, LLC	Washington	National Grid	REC:CES REC Contracts, RESRFP20-1	11,922,311
	Steven Winter Associates, Inc.	Albany	National Grid	Workforce Industry Partnership, PON 3715 Workf..	278,061
	Sun Source Technologies	Columbia	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,852
	Sunlight General Capital LLC	Greene	Central Hudson Gas and Electric	>200KW PV, NY Sun	703,589
				NY-SUN, NY Sun	1,918,877
	SunRun, Inc	Greene	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	8,201
	Tech Valley Talent, LLC	Albany	National Grid	NYSERDA ADMINISTRATION, TWO 5 .Net Soft..	182,325
				NYSERDA ADMINISTRATION, TWO 8 Server O..	46,360
				NYSERDA ADMINISTRATION, TWO #7 Softwar..	187,200
				NYSERDA ADMINISTRATION, TWO #9 QA Ana..	204,750
				NYSERDA ADMINISTRATION, TWO #10 Server..	185,250
				NYSERDA ADMINISTRATION, TWO #11 Info S..	191,100
				NYSERDA ADMINISTRATION, TWO #12 Project..	181,350
				NYSERDA ADMINISTRATION, TWO #13 Tablea..	52,216
				REC2:CES REC2 Syst Development, TWO #6 S..	46,620
				REC:CES REC System Dev Costs, TWO #6 Sale..	77,700
	ZEC:CES ZEC System Dev Costs, TWO #6 Sale..	31,080			
	Tesla Energy Operations Inc	Albany	National Grid	<200KW PV, PON 2112 NY SUN	5,712
	The Radiant Store	Albany	National Grid	Renewable Heat NY, The Radiant Store - Fagan	12,000
	ThunderCat Technology LLC	Albany	National Grid	NYSERDA ADMINISTRATION, Cisco Umbrella ..	18,634
				NYSERDA ADMINISTRATION, Confluence Plugi..	10,262
				NYSERDA ADMINISTRATION, Pyramid Consulti..	159,000
	Trane	Albany	National Grid	Real Time Enrgy Management, Trane Us Inc-Mul..	41,953
				Real Time Enrgy Management, Trane-North Colo..	247,404
		Columbia	National Grid	Real Time Enrgy Management, Hudson City Sch..	35,808
		Rensselaer	National Grid	K-12 SCHOOLS, P12GC-46E- Rensselaer - FTC	38,865
	TRC Energy Services	Albany	National Grid	Capital Planning, SA.075_TWO #26_MF_PM	69,875
				Commercial New Construc, SA.042_TWO#17b - ..	46,174
				ENERGY ANALYSIS, SA.053a_TWO #20 - EEA	76,478
				Low Carbon Tech Demos, SA.075_TWO #26_M..	279,501
				Low Rise New Construction, SA.042_TWO#17b - ..	49,803
				Multifam New Construction, SA.042_TWO#17b - ..	111,529
				Multifam Performance Pgm, SA.014_TWO #7_M..	64,755
				Multifam Performance Pgm, SA.017_TWO #9_M..	38,790
New Construction Housing, SA.042_TWO#17b - ..				28,178	
New Construction- Commercial, SA.042_TWO#1..				18,294	
Real Time Enrgy Management, SA.028_TWO #1..				215,000	
Single Family New Construction, SA.042_TWO#..				16,575	
True Building Performance LLC				Albany	National Grid

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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount	
Capital Region	Unique Comp Inc.	Albany	National Grid	NYSERDA ADMINISTRATION, TWO #2 Web Co..	126,750	
				NYSERDA ADMINISTRATION, TWO #3 Databa..	223,200	
				NYSERDA ADMINISTRATION, TWO #4 Salesfor..	224,250	
				NYSERDA ADMINISTRATION, TWO #5 Tablea..	204,360	
				NYSERDA ADMINISTRATION, TWO #6 Sr. Soft..	189,150	
	University System of New Ha..	Albany	National Grid	U.S. DOE SEP Grant for oTherm	30,023	
	Upstate Capital Association of..	Albany	National Grid	Prof & Expert Engagement, 2021 Membership	50,000	
	Upstate Venture Connect	Albany	National Grid	Prof & Expert Engagement, 2021 Membership	25,000	
	Wiltshire Renewable Energy S..	Rensselaer	National Grid	<200KW PV, PON 2112 NY SUN	49,088	
	Zones LLC	Albany	National Grid	NYSERDA ADMINISTRATION, SMARTnet - Mai..	22,731	
<b>Total</b>				<b>62,733,737</b>		
Central New York	Abundant Solar Power (A2), LLC	Cayuga	NYS Electric and Gas	>200KW PV, NY Sun	2,099,196	
				NY-SUN, NY Sun	1,539,411	
	Abundant Solar Power (CC3), ..	Cayuga	NYS Electric and Gas	>200KW PV, NY Sun	951,946	
	Abundant Solar Power (E1), L..	Onondaga	NYS Electric and Gas	>200KW PV, NY Sun	951,782	
	Alternative Power Solutions of NY, LLC	Cortland	National Grid	<200KW PV, PON 2112 NY SUN	5,313	
				Onondaga	National Grid	<200KW PV, PON 2112 NY SUN
					NYCH: Talent Ppln:CE and OJT, OJT HIRE	6,720
		Oswego	National Grid	<200KW PV, PON 2112 NY SUN	6,958	
	Barton & Loguidice, D. P.C.	Oswego	National Grid	Technical Services, FT13576 - City of Fulton WP..	15,000	
	Bashing Panels LLC	Onondaga	National Grid	<200KW PV, NY-Sun	6,256	
	Breathe Easy of CNY Inc.	Oswego	National Grid	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,640	
	Buckley Park, LLC	Onondaga	National Grid	Tech Assistanc Multifamily LMI, FT13555 - 7651 ..	10,000	
	C2 Omega LLC	Cortland	National Grid	>200KW PV, NY Sun	898,052	
	CDS Monarch Inc	Onondaga	National Grid	New Construction Housing, 2019 LRNCP	125,000	
	ConnectGen Cayuga County ..	Cayuga	NYS Electric and Gas	REC:CES REC Contracts, RESRFP20-1	35,375,574	
	Day Automation Systems, Inc.	Madison	National Grid	Real Time Enrgy Management, Day Auto-Multisit..	144,778	
				Onondaga	National Grid	Real Time Enrgy Management, Day Auto-700 S ..
					Real Time Enrgy Management, Day Automation-..	400,000
			Oswego	National Grid	Real Time Enrgy Management, Day Automation-..	220,937
		Oswego	National Grid	Real Time Enrgy Management, Day Auto Multi	222,118	
	DG New York CS, LLC	Onondaga	NYS Electric and Gas	>200KW PV, NY Sun	823,302	
	Energy Savers Inc	Onondaga	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	10,560	
	Erie Boulevard Hydropower LP	Onondaga	National Grid	REC2:CES REC2 Contracts, T2RFP21-1_Baldwi..	59,785	
	Extraterrestrial Materials Inc.	Madison	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	7,140	
	Fourth Coast, Inc.	Oswego	National Grid	<200KW PV, PON 2112 NY SUN	6,337	
	Genesis Housing Developmen..	Cayuga	NYS Electric and Gas	New Construction Housing, NCP Housing	60,000	
	Green Visions Solar LLC	Madison	NYS Electric and Gas	<200KW PV, NY-Sun	7,728	
	Halcyon, Inc.	Onondaga	NYS Electric and Gas	<200KW PV, NY-Sun	12,384	
	Kasselman Solar LLC	Cortland	National Grid	<200KW PV, PON 2112 NY SUN	8,750	
		Onondaga	National Grid	<200KW PV, PON 2112 NY SUN	6,090	
	M/E Engineering, P.C.	Cortland	National Grid	K-12 SCHOOLS, P12GC-9_E - Cortland CSD - F..	32,055	
						NYCH: Technical Assistance, FT13581 - SUNY ..
		Onondaga	National Grid	NYCH: District, PON 4614 Rd #1 Syracuse U	95,120	
	Maple Manor Vintage LLC	Onondaga	National Grid	Multifam Performance Pgm, Multifamily	50,400	
	New York Homeowners Construction Co., LL	Onondaga	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	10,240	
		Oswego	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	10,240	
	Next Generation Solar, LLC	Madison	NYS Electric and Gas	<200KW PV, NY-Sun	8,160	
	Nickels Energy Solutions LLC	Madison	National Grid	<200KW PV, PON 2112 NY SUN	5,796	
		Onondaga	National Grid	<200KW PV, PON 2112 NY SUN	16,343	
	Omni Richland North Solar, L..	Oswego	National Grid	>200KW PV, NY Sun	733,590	
Omni Richland South Solar, L..	Oswego	National Grid	>200KW PV, NY Sun	733,590		

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Central New York	OYA Camillus A LLC	Onondaga	NYS Electric and Gas	>200KW PV, NY Sun	730,884
	OYA Camillus B LLC	Onondaga	National Grid	>200KW PV, NY Sun	705,012
	Paradise Energy Solutions, LLC	Cayuga	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,040
			Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	5,460
	PlugPV, LLC	Oswego	National Grid	<200KW PV, PON 2112 NY SUN	5,177
	QwikSolar, LLC	Onondaga	National Grid	<200KW PV, PON 2112 NY SUN	6,843
	Renovus Energy, Inc.	Cayuga	National Grid	<200KW PV, PON 2112 NY SUN	6,143
		Onondaga	National Grid	<200KW PV, PON 2112 NY SUN	13,325
	Siemens Industry, Inc.	Onondaga	National Grid	Real Time Enrgy Management, Siemens-5590 B..	133,333
				Real Time Enrgy Management, Siemens-Multisit..	490,956
		Oswego	National Grid	Real Time Enrgy Management, Siemens-2 Bucc..	200,000
				Real Time Enrgy Management, Siemens-248 Rt ..	57,296
	Skyline Solar Inc.	Onondaga	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	8,750
		Oswego	National Grid	<200KW PV, PON 2112 NY SUN	18,988
	Solar Liberty Energy Systems, Inc	Cayuga	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	198,968
		Onondaga	National Grid	<200KW PV, PON 2112 NY SUN	6,468
	Solitude Solar LLC	Oswego	National Grid	>200KW PV, NY Sun	825,000
	SUNY Morrisville	Madison	NYS Electric and Gas	REV Campus Challenge, RM37-SUNY Morrisville	211,891
	Sustainable Comfort, Inc	Onondaga	National Grid	New Construction Housing, NCP Housing	10,000
				Talent Pipeline:CE and OJT, OJT HIRE	20,240
	TJA-NY-Barrett Rd New Woo..	Madison	National Grid	>200KW PV, NY Sun	792,723
	TM Montante Solar Developm..	Onondaga	National Grid	<200KW PV, PON 2112 NY SUN	252,280
	Trane	Cayuga	NYS Electric and Gas	Real Time Enrgy Management, Trane - 8954 Jac..	100,457
				Real Time Enrgy Management, Trane-1883 Gen..	74,443
	Two Plus Four Construction C..	Onondaga	National Grid	NYCH: Technical Assistance, FT13336 - 507 Aus..	7,413
	Wildcat Renewables, LLC	Onondaga	National Grid	>200KW PV, NY Sun	250,193
	William Timkey	Cortland	National Grid	<200KW PV, PON 2112 NY SUN	5,544
	Wiltshire Renewable Energy S..	Onondaga	National Grid	<200KW PV, NY-Sun	6,048
	Zerodraft Residential Inc.	Onondaga	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	22,784
	<b>Total</b>				<b>51,025,176</b>
Finger Lakes	3rd ROC Solar LLC	Genesee	National Grid	<200KW PV, PON 2112 NY SUN	11,078
		Monroe	National Grid	<200KW PV, PON 2112 NY SUN	20,293
			Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	14,518
		Ontario	Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	6,300
	70 West MM LLC	Monroe	National Grid	Multifam Performance Pgm, Multifamily	87,200
	3104 Batavia Solar, LLC	Genesee	National Grid	>200KW PV, NY Sun	892,296
	3232 Batavia Solar, LLC	Genesee	National Grid	>200KW PV, NY Sun	1,008,207
	Adam C. Boese	Ontario	NYS Electric and Gas	Technical Services, AEAP	6,000
		Wyoming	NYS Electric and Gas	Technical Services, AEAP	6,000
	AES Distributed Energy, Inc.	Genesee	National Grid	>200KW PV, NY Sun	2,138,114
	Arcadis of New York, Inc.	Monroe	Rochester Gas and El..	Technical Services, FT13596-Monroe NQWRRF ..	24,933
	Baldwin Real Estate Develop..	Ontario	Rochester Gas and El..	Buildings of Excellence, Buildings of Excellence ..	850,000
	Barton & Loguidice, D. P.C.	Monroe	Rochester Gas and El..	Technical Services, FT13475 - Webster - FTC	27,622
	Buffalo Solar Solutions Inc	Wyoming	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	7,437
	C.J. Brown Energy, P.C.	Genesee	National Grid	Technical Services, AEAP1299- Krehers Sunrise ..	3,497
	CEP NY Borrower 1 LLC	Monroe	Municipal Utilities	>200KW PV, NY-Sun C&I	1,049,256
				ESTOR:Retail Storage Incentive, NY-Sun C&I	3,750,000
	CIR ELECTRICAL CONSTRUCTION CORP.	Genesee	National Grid	<200KW PV, PON 2112 NY SUN	8,750
		Monroe	National Grid	<200KW PV, PON 2112 NY SUN	6,622
		Orleans	National Grid	<200KW PV, PON 2112 NY SUN	8,181
	Community Energy Solar, LLC	Wayne	Rochester Gas and El..	>200KW PV, NY Sun	825,000
	Council Rock Enterprises	Monroe	Rochester Gas and El..	Talent Pipeline:CE and OJT, OJT HIRE	29,712

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Finger Lakes	Crossfield Home Energy Solut..	Monroe	Rochester Gas and El..	Talent Pipeline:CE and OJT, OJT HIRE	5,120
	Cypress Creek Renewables L..	Genesee	National Grid	>200KW PV, NY Sun	642,946
	Dailey Electric Inc	Yates	Municipal Utilities	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,200
				NYCH: Talent Ppln:CE and OJT, Workforce Dev ..	10,800
	Day Automation Systems, Inc.	Monroe	Rochester Gas and El..	Real Time Enrgy Management, Day Auto Multi	240,025
		Ontario	Rochester Gas and El..	Real Time Enrgy Management, Day Auto-Multisit..	128,654
	Delaware River Solar, LLC	Monroe	Rochester Gas and El..	>200KW PV, NY Sun	387,750
		Wayne	Rochester Gas and El..	>200KW PV, NY Sun	359,251
	East House Corporation	Monroe	Rochester Gas and El..	Multifam New Construction, New Construction	6,000
	EMCOR Services Betlem	Monroe	Rochester Gas and Electric	Technical Services, FT13760 - 150 State - FTC	18,243
				Technical Services, FT13851 - 755 Jefferson - F..	29,945
	Erdman Anthony & Associates, Inc.	Monroe	Rochester Gas and Electric	NYCH: Technical Assistance, FT13533 - City of ..	65,368
				Technical Services, Ft13435 - 165 Court - FTC	95,858
	FFP NY ELBA PROJECT1 LLC	Genesee	National Grid	>200KW PV, NY Sun	795,663
	Fusion Energy Services LLC	Livingston	National Grid	<200KW PV, PON 2112 NY SUN	5,023
			NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	8,750
		Ontario	Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	126
		Yates	NYS Electric and Gas	<200KW PV, NY-Sun	13,120
	Geotherm Inc.	Monroe	Rochester Gas and El..	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,680
	Groundswell, Inc.	Monroe	Rochester Gas and Electric	NY-SUN, PON 3414 - Rochester Clarissa	82,500
				NY-SUN, PON 3414 Exchange St Rochester	180,000
	Halcyon, Inc.	Ontario	NYS Electric and Gas	NYCH: Talent Ppln:CE and OJT, OJT HIRE	123,360
				Talent Pipeline:CE and OJT, OJT HIRE	73,440
	Hatchery Solar, LLC	Livingston	National Grid	REC:CES REC Contracts, RESRFP20-1	1,718,371
	Hawn Heating & Energy Servi..	Monroe	Rochester Gas and El..	NYCH: Talent Ppln:CE and OJT, OJT HIRE	26,760
	Helios Energy New York 2 LLC	Monroe	National Grid	>200KW PV, NY Sun	876,096
	Henkel US Operations Corpor..	Ontario	NYS Electric and Gas	LARGE SCALE RENEWABLES, 8th RPS Main T..	355,304
	Highbanks Solar, LLC	Livingston	NYS Electric and Gas	REC:CES REC Contracts, RESRFP20-1	1,124,028
	Isaac TEC LLC	Monroe	Rochester Gas and El..	NYCH: Talent Ppln:CE and OJT, PON3981 Roun..	342,239
	John Betlem Heating & Cooling Inc	Monroe	Rochester Gas and Electric	NYCH: Talent Ppln:CE and OJT, OJT HIRE	48,480
				Talent Pipeline:CE and OJT, OJT HIRE	36,800
		Ontario	Rochester Gas and El..	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,200
		Orleans	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	8,000
	Lake Country Geothermal, Inc.	Monroe	Rochester Gas and El..	NYCH: Talent Ppln:CE and OJT, OJT HIRE	14,400
	Livingston County	Livingston	Rochester Gas and El..	CI Enrgy Siting & Soft Cost Red, Livingston Solar ..	85,000
	Mantisi Solar LLC	Monroe	National Grid	>200KW PV, NY Sun	720,047
	Meltek Inc.	Monroe	Rochester Gas and El..	Talent Pipeline:CE and OJT, OJT HIRE	7,680
	Nazareth College of Rochester	Monroe	Rochester Gas and El..	Technical Services, OsEM50-C - Nazareth Colle..	99,500
	NSF Torrey Site 1, LLC	Yates	Municipal Utilities	>200KW PV, NY Sun	824,896
	NSF Torrey Site 2, LLC	Yates	Municipal Utilities	>200KW PV, NY Sun	824,896
	NSF Torrey Site 3, LLC	Yates	Municipal Utilities	>200KW PV, NY Sun	824,896
	NY Farmington I, LLC	Ontario	Rochester Gas and El..	>200KW PV, NY Sun	358,020
	NY Farmington II, LLC	Ontario	Rochester Gas and El..	>200KW PV, NY Sun	358,020
	NY Farmington III, LLC	Ontario	Rochester Gas and El..	>200KW PV, NY Sun	358,020
	NY Pike I, LLC	Genesee	National Grid	>200KW PV, NY Sun	488,376
	NY Pike II, LLC	Genesee	National Grid	>200KW PV, NY Sun	1,200,010
	NY Pike III, LLC	Wyoming	NYS Electric and Gas	>200KW PV, NY Sun	837,216
	NY Pike IV, LLC	Wyoming	NYS Electric and Gas	>200KW PV, NY Sun	418,608
	O'Connell Electric Company	Monroe	Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	77,350
	Orange EV LLC	Monroe	Rochester Gas and El..	CLEAN TRANSPORTATION, NYTVIP - Wegman..	140,542
Paradise Energy Solutions, LLC	Monroe	Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	7,437	
	Ontario	Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	45,360	

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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Finger Lakes	Paradise Energy Solutions, LLC	Wayne	Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	7,140
	Pathfinder Engineers & Architects, LLP	Monroe	Rochester Gas and Electric	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
				Talent Pipeline:CE and OJT, OJT HIRE	9,600
	Pathstone Corporation	Monroe	Rochester Gas and El..	Community Energy Engagement, CEEP Finger L..	49,017
	PEMM LLC	Livingston	National Grid	Technical Services, FT13364 - Hess Mart - PON	5,573
	Providence Housing Develop..	Monroe	Rochester Gas and El..	Buildings of Excellence, Buildings of Excellence ..	850,000
	QwikSolar, LLC	Ontario	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	8,750
		Yates	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	6,720
	Remelt Solar 1, LLC	Monroe	Rochester Gas and El..	>200KW PV, NY Sun	1,186,056
	Renewable Rochester LLC	Monroe	Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	22,579
			Ontario	National Grid	<200KW PV, PON 2112 NY SUN
		Orleans	Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	28,728
			National Grid	<200KW PV, PON 2112 NY SUN	7,245
	Renovus Energy, Inc.	Seneca	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	7,088
		Wayne	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	14,742
	Romulus Central School Distri..	Seneca	NYS Electric and Gas	K-12 SCHOOLS, P12GC-18D - Romulus CSD_D	228,800
	Ruffalo Appliance	Wayne	NYS Electric and Gas	NYCH: Talent Ppln:CE and OJT, OJT HIRE	20,480
				Talent Pipeline:CE and OJT, OJT HIRE	7,200
	Ryan Homes (Virginia)	Ontario	Rochester Gas and Electric	New Construction Housing, NCP Housing	31,200
				Single Family New Construction, 2019 LRNCP	11,400
				Single Family New Construction, NCP Housing	51,600
	Siemens Industry, Inc.	Monroe	Rochester Gas and Electric	Real Time Enrgy Management, Siemens-57 Pan ..	102,752
		Ontario	Rochester Gas and El..	Real Time Enrgy Management, Siemens-1425 P..	88,538
	Sigora Solar	Livingston	National Grid	Real Time Enrgy Management, Siemens- 350 Pa..	16,611
				<200KW PV, PON 2112 NY SUN	5,418
	Simply Installs LLC	Ontario	Rochester Gas and El..	NYCH: Talent Ppln:CE and OJT, OJT HIRE	32,400
	SL Brockport, LLC	Monroe	National Grid	>200KW PV, NY Sun	617,998
	Solar Liberty Energy Systems,..	Wayne	NYS Electric and Gas	<200KW PV, NY-Sun	14,200
	Solar Village Company LLC	Ontario	NYS Electric and Gas	<200KW PV, NY-Sun	459,000
				Buildings of Excellence, Buildings of Excellence ..	850,000
				New Construction Housing, NCP Housing	76,800
	Steed Energy LLC	Monroe	Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	7,849
	SunEast Transit Solar LLC	Genesee	National Grid	REC:CES REC Contracts, RESRFP20-1	12,744,139
	Sustainable Comfort, Inc	Ontario	NYS Electric and Gas	Buildings of Excellence, BoE Rnd 1 - Design Tea..	150,000
			Rochester Gas and El..	Buildings of Excellence, BoE Rnd 1 - Design Tea..	150,000
	Sustainable Energy Developments Inc.	Livingston	National Grid	<200KW PV, PON 2112 NY SUN	6,125
		Monroe	National Grid	<200KW PV, PON 2112 NY SUN	6,860
			Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	27,441
		Ontario	National Grid	<200KW PV, PON 2112 NY SUN	12,740
			Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	17,151
		Orleans	National Grid	<200KW PV, PON 2112 NY SUN	8,575
		Wayne	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,023
	Rochester Gas and El..	<200KW PV, PON 2112 NY SUN	6,125		
	SWBR Architecture, Engineeri..	Monroe	Rochester Gas and El..	Buildings of Excellence, BoE Rnd 1 - Design Tea..	150,000
	Trane	Monroe	Rochester Gas and El..	Real Time Enrgy Management, Trane - Multisite -..	52,700
Trousdale Solar, LLC	Genesee	National Grid	>200KW PV, NY Sun	716,126	
True Energy Solutions	Monroe	Rochester Gas and Electric	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240	
			Talent Pipeline:CE and OJT, OJT HIRE	40,480	
University of Rochester	Monroe	Rochester Gas and Electric	Real Time Enrgy Management, URochester-390 ..	683,004	
			Real Time Enrgy Management, URochester-390 ..	115,508	
US Ceiling CORP	Monroe	Rochester Gas and El..	Talent Pipeline:CE and OJT, OJT HIRE	26,880	
Van Hee Mechanical	Wayne	Rochester Gas and El..	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,200	

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount		
<b>Finger Lakes</b>	Village of Albion	Orleans	National Grid	Renewable Heat NY, Village of Albion Large Boiler	146,192		
	Wayne County Action Program	Wayne	NYS Electric and Gas	Talent Pipeline:CE and OJT, OJT HIRE	31,046		
	Wendel Energy Services, LLC	Monroe	Rochester Gas and El..	NYCH: Technical Assistance, FT13530 - 300 S. ...	48,000		
	Wendel Energy Services, LLC.	Monroe	Rochester Gas and El..	NYCH: District, PON 4614 Rd #1 U of R	100,000		
	Wolf Solar LLC	Monroe	National Grid	>200KW PV, NY Sun	524,027		
	<b>Total</b>				46,927,733		
<b>Long Island</b>	Bonded Energy Solutions Corp.	Nassau	Long Island Power Authority	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240		
				NYCH: Talent Ppln:CE and OJT, peter.tompkins	10,240		
	Empower CES, LLC	Nassau	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	118,750		
		Suffolk	Long Island Power Authority	COMMUNITY SOLAR, PON 2112 NY SUN	5,760		
				ENERGY STORAGE, PON 2112 NY SUN	75,000		
	Energy Conservation & Supply, Inc.	Suffolk	Long Island Power Authority	Talent Pipeline:CE and OJT, OJT HIRE	10,000		
				WORKFORCE DEVELOPMENT, OJT HIRE	10,240		
	Green Home Logic, Inc.	Nassau	Long Island Power Authority	WORKFORCE DEVELOPMENT, OJT HIRE	12,000		
				WORKFORCE DEVELOPMENT, OJT Hire Ferra..	8,000		
	Green Team USA, LLC	Suffolk	Long Island Power Authority	NYCH: Talent Ppln:CE and OJT, OJT HIRE	33,760		
				WORKFORCE DEVELOPMENT, OJT HIRE	23,280		
	GreenLogic, LLC	Suffolk	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	56,250		
	Harvest Power, LLC	Suffolk	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	18,750		
	J Synergy Green Inc	Nassau	Long Island Power Au..	WORKFORCE DEVELOPMENT, OJT HIRE	18,112		
	JP Bus & Truck Repair LTD	Suffolk	Long Island Power Au..	CLEAN TRANSPORTATION, NYTVIP - Suffolk T..	1,400,000		
	Long Island Power Solutions	Nassau	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	6,250		
		Suffolk	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	6,250		
	Long Island Progressive Coalition	Nassau	Long Island Power Authority	COMMUNITY SOLAR, Long Island Affordable So..	157,290		
				COMMUNITY SOLAR, PON 3414 - Long Beach ..	97,370		
	NuWorld Lighting Solutions Inc	Suffolk	Long Island Power Au..	WORKFORCE DEVELOPMENT, OJT HIRE	17,920		
	NYSS LLC	Nassau	Long Island Power Au..	COMMUNITY SOLAR, PON 2112 NY SUN	6,384		
		Suffolk	Long Island Power Au..	COMMUNITY SOLAR, PON 2112 NY SUN	5,928		
	Solar Dad and Sons Inc	Suffolk	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	5,000		
	SuNation Solar Systems, Inc.	Nassau	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	50,000		
				Suffolk	Long Island Power Au...	ENERGY STORAGE, PON 2112 NY SUN	6,250
				Suffolk	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	112,500
	SunRun, Inc	Mastic Beach	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	6,250		
		Nassau	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	56,250		
		Suffolk	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	56,250		
	Surf Clean Energy Inc	Nassau	Long Island Power Au..	COMMUNITY SOLAR, PON 2112 NY SUN	15,256		
		Suffolk	Long Island Power Authority	COMMUNITY SOLAR, NY-Sun	5,852		
				ENERGY STORAGE, NY-Sun	3,440		
	Tesla Energy Operations Inc	Nassau	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	93,750		
		Suffolk	Long Island Power Au..	ENERGY STORAGE, PON 2112 NY SUN	93,750		
	ZBF Geothermal LLC	Suffolk	Long Island Power Au..	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240		
	<b>Total</b>				2,622,562		
	<b>Mid-Hudson</b>	Adam C. Boese	Orange	Orange and Rockland..	Commercial New Construc, Commercial New Co..	28,840	
		Advanced Radiant Design, Inc.	Ulster	Central Hudson Gas a..	NYCH: Talent Ppln:CE and OJT, OJT HIRE	19,840	
		AKF-engineers	Westchester	Consolidated Edison	Technical Services, FT13608-Blythdale Hospital-..	29,995	
		Algonquin Power Holdings LLC	Westchester	Consolidated Edison	>200KW PV, NY-Sun	2,384,280	
		All-State Air Control Sales & S..	Westchester	Consolidated Edison	NYCH: Talent Ppln:CE and OJT, OJT HIRE	29,760	
		Allen Power, Inc.	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	6,773	
AMERESCO, Inc.		Putnam	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	15,120		
American Energy Care, Inc.		Ulster	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	5,166		
Apex Roofing, LLC		Orange	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	6,867		
		Westchester	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,292		

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Mid-Hudson	Arcadis of New York, Inc.	Sullivan	NYS Electric and Gas	Technical Services, AEAP	3,493
	Baileys Gap Solar, LLC	Ulster	Central Hudson Gas and Electric	>200KW PV, NY Sun	244,744
				NY-SUN, NY Sun	489,489
	Bard Rao + Athanas Consultin..	Rockland	Orange and Rockland..	New Construction- Commercial, Commercial Ne..	195,788
	Borrego Solar Systems, Inc.	Orange	Orange and Rockland Utilities	<200KW PV, NY-Sun	112,266
				NY-SUN, NY-Sun	48,114
		Westchester	Consolidated Edison	ESTOR:Retail Storage Incentive, Retail Storage	5,250,000
	Bright Power, Inc.	Rockland	Orange and Rockland Utilities	NYCH: Technical Assistance, FT13500 - Lakevie..	11,050
				NYCH: Technical Assistance, FT13501- Highvie..	9,000
		Westchester	Consolidated Edison	Real Time Enrgy Management, Bright-41 Barker ..	44,892
	Broadway Terrace Associates..	Westchester	Consolidated Edison	Multifam Performance Pgm, Multifamily	44,100
	C&S Engineers, Inc.	Ulster	Central Hudson Gas and Electric	NYCH: Technical Assistance, FT13652 - 100 Wo..	7,175
				Technical Services, FT13777 - 5 Tower - FTC	8,438
	CHA Consulting Inc.	Westchester	Consolidated Edison	NYCH: District, PON4614 Round #1 Masonic	99,960
	Consolidated Edison Solutions, LLC	Ulster	Central Hudson Gas and Electric	>200KW PV, NY-Sun C&I	753,086
				NY-SUN, NY-Sun C&I	1,624,304
	Cortex Building Intelligence, Inc.	Westchester	Consolidated Edison	Real Time Enrgy Management, CBI-10 Bank St..	12,083
				Real Time Enrgy Management, CBI-500 Mamaro..	17,674
	County Cooling, Corp.	Westchester	Consolidated Edison	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	County Heat & AC, LLC	Westchester	Consolidated Edison	NYCH: Talent Ppln:CE and OJT, OJT HIRE	18,400
	CVE US EI2 C. Mill, LLC	Westchester	Consolidated Edison	>200KW PV, NY-Sun	1,670,400
	Day Automation Systems, Inc.	Sullivan	Central Hudson Gas a..	Real Time Enrgy Management, Day Auto-Multisit..	259,321
	Distributed Solar Developmen..	Dutchess	Central Hudson Gas a..	>200KW PV, NY Sun	1,785,662
	DMV EQUITY, INC.	Rockland	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	16,128
	DNV Energy Insights USA Inc.	Dutchess	Central Hudson Gas and Electric	Industrial Process Effic, IPE16248	7,160
				Industrial Process Effic, Technical Review and Pr..	3,675
		Westchester	Consolidated Edison	CI Carbon Challenge, CICC1904 - IBM Corporati..	64,675
				Industrial Process Effic, Technical Review and Pr..	6,016
				New Construction- Commercial, Commercial Ne..	39,260
	Technical Services, FT13150 - 1101 Kitchawan - ..	13,301			
	Ecogy New York X LLC	Westchester	Consolidated Edison	>200KW PV, NY-Sun	383,853
	Ecogy New York XII LLC	Westchester	Consolidated Edison	>200KW PV, NY-Sun	85,140
	Ecogy New York XIV LLC	Westchester	Consolidated Edison	>200KW PV, NY-Sun	468,413
	Eiger 3970 Consultants Inc.	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	6,734
		Ulster	Central Hudson Gas and Electric	<200KW PV, PON 2112 NY SUN	26,768
				Talent Pipeline:CE and OJT, OJT HIRE	9,600
	EME Consulting Engineering ..	Westchester	Consolidated Edison	NYCH: Technical Assistance, FT13449 - Broadw..	8,750
	Empire Solar Solutions LLC	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	28,739
			NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	7,140
		Orange	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	31,162
			Orange and Rockland..	<200KW PV, PON 2112 NY SUN	52,921
		Rockland	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	5,180
		Sullivan	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	6,069
		Ulster	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	5,698
	Energy Management Solution..	Ulster	Central Hudson Gas a..	Talent Pipeline:CE and OJT, OJT HIRE	5,760
	ESNY-RT-ELMSFORD, LLC	Westchester	Consolidated Edison	>200KW PV, NY-Sun	738,730
	Florenton River LLC	Westchester	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	238
G&S Operations LLC	Westchester	Consolidated Edison	>200KW PV, PON 2112 NY SUN	4,441,700	
GI Endurant LLC	Westchester	Consolidated Edison	NYCH: District, PON4614 Round #1 Pratt Landing	98,650	
Goldman Copeland Associate..	Westchester	Consolidated Edison	NYCH: Technical Assistance, FT13750 - 20 Old ..	29,000	
Green Hybrid Energy Solution..	Westchester	Consolidated Edison	>200KW PV, PON 2112 NY SUN	31,365	
Groundwork Hudson Valley	Westchester	Consolidated Edison	NY-SUN, PON 3414 - SW Yonkers Outreach	130,000	

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Mid-Hudson	Group-S LLC	Westchester	Consolidated Edison	NYCH: Technical Assistance, FT13768 - 41 East ..	15,500
				Talent Pipeline:CE and OJT, OJT HIRE	17,664
	Hartsdale CSG LLC	Westchester	Consolidated Edison	>200KW PV, NY-Sun	378,000
	Harvest Power, LLC	Ulster	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	130,127
	HK Truck Services Inc.	Orange	Orange and Rockland..	CLEAN TRANSPORTATION, NYTVIP - STA of ..	800,000
		Westchester	Consolidated Edison	CLEAN TRANSPORTATION, NYTVIP - City of ..	185,000
				CLEAN TRANSPORTATION, NYTVIP - Pub Sch..	120,000
	Housing Action Council, Inc.	Westchester	Consolidated Edison	New Construction Housing, 2019 LRNCP	274,200
			NYS Electric and Gas	New Construction Housing, 2019 LRNCP	42,000
	Hudson Valley Wind Energy, LLC	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	15,512
		Sullivan	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	8,330
	IGS Solar, LLC	Orange	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	5,950
		Rockland	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	10,435
	Infinity Solar Systems, LLC	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	22,665
		Orange	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	7,952
			Orange and Rockland..	<200KW PV, PON 2112 NY SUN	57,888
		Putnam	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	6,010
		Rockland	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	24,286
		Westchester	Consolidated Edison	<200KW PV, PON 2112 NY SUN	5,000
	IPPsolar Integration LLC	Putnam	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	94,238
		Rockland	Orange and Rockland Utilities	<200KW PV, NY-Sun	71,957
	NY-SUN, NY-Sun			30,839	
	J. Grace Corporation	Dutchess	Central Hudson Gas a..	Talent Pipeline:CE and OJT, OJT HIRE	10,080
		Ulster	Central Hudson Gas a..	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	Kamtech Restoration Corp	Rockland	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	6,930
	Kasselman Solar LLC	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	15,776
		Orange	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	7,056
		Putnam	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	6,160
			NYS Electric and Gas	<200KW PV, NY-Sun	6,636
		Rockland	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	11,333
		Sullivan	NYS Electric and Gas	<200KW PV, NY-Sun	7,680
		Ulster	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	11,650
		Westchester	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,390
	Kingsley House Owner LP	Westchester	Consolidated Edison	Multifam Performance Pgm, Multifamily	114,800
	Libolt & Sons, Inc.	Ulster	Central Hudson Gas a..	Low Rise New Construction, New Construction	13,750
	Long Island Power Solutions	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	7,900
		Orange	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	12,384
		Rockland	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	23,183
		Ulster	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	5,110
		Westchester	Consolidated Edison	<200KW PV, PON 2112 NY SUN	10,000
	NYS Electric and Gas		<200KW PV, PON 2112 NY SUN	11,131	
	Main Street Lofts Yonkers, LLC	Westchester	Consolidated Edison	Technical Services, FT13457 - 66 Main - PON	11,975
	Malcarne Contracting, Inc.	Dutchess	Central Hudson Gas a..	NYCH: Talent Ppln:CE and OJT, OJT HIRE	24,000
	MEP Geothermal Engineering..	Westchester	Consolidated Edison	NYCH: District, PON4614 Round #1 Children's V	99,926
	Morgan Stanley	Westchester	Consolidated Edison	Technical Services, FT13465 - 2000 Westchester..	15,998
	New Flyer of America, Inc.	Westchester	Consolidated Edison	CLEAN TRANSPORTATION, NYTVIP - Westche..	1,305,428
	New Leaf Solar LLC	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	17,500
	New York Power Authority	Sullivan	NYS Electric and Gas	REV Campus Challenge, FT13403 - SUNY Sulliv..	23,205
	New York State Solar Farm Inc.	Orange	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	40,646
		Sullivan	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,150
Ulster		Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	85,678	
Novel Approaches Solar Appli..	Ulster	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	400	



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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Mid-Hudson	NY 262 LIBERTYVILLE LLC	Ulster	Central Hudson Gas a..	NY-SUN, NY-Sun	874,368
	NY Bethel I, LLC	Sullivan	NYS Electric and Gas	>200KW PV, NY-Sun C/I Full Assignment	1,058,092
	NY TICE LANE 1 LLC	Orange	Orange and Rockland Utilities	>200KW PV, NY Sun	820,864
				NY-SUN, NY Sun	1,119,360
	NY TICE LANE 2 LLC	Orange	Orange and Rockland Utilities	>200KW PV, NY Sun	193,600
				NY-SUN, NY Sun	264,000
	NYSS LLC	Westchester	Consolidated Edison	<200KW PV, NY-Sun	6,384
	OLA Consulting Engineers, P.C.	Dutchess	NYS Electric and Gas	New Construction- Commercial, Commercial Ne..	61,943
		Westchester	Consolidated Edison	Technical Services, WP05 - Stone Barns - FTC	31,585
	OYA Shoddy Hollow Road LLC	Orange	Orange and Rockland Utilities	>200KW PV, NY Sun	713,097
				NY-SUN, NY Sun	972,405
	Pelham Fifth Ave JV LLC	Westchester	Consolidated Edison	Net Zero Energy for Eco Dev, Net Zero Economi..	943,072
	PlugPV, LLC	Dutchess	Central Hudson Gas and Electric	<200KW PV, NY-Sun	8,704
				<200KW PV, PON 2112 NY SUN	69,706
				NYS Electric and Gas <200KW PV, PON 2112 NY SUN	6,902
		Orange	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	18,368
			Orange and Rockland..	<200KW PV, PON 2112 NY SUN	11,305
		Sullivan	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	7,259
			NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	7,616
			Orange and Rockland..	<200KW PV, PON 2112 NY SUN	6,069
	Pro Custom Solar LLC	Orange	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	6,545
	Rural Ulster Preservation Co..	Ulster	Central Hudson Gas a..	New Construction Housing, 2020 LRNCP	228,000
	Sol Customer Solutions LLC	Westchester	Consolidated Edison	>200KW PV, NY-Sun	2,205,225
	SOLANTA CORP	Rockland	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	6,388
	Solar Bear Energy LLC	Sullivan	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	5,719
	Solar Energy Systems, LLC	Westchester	Consolidated Edison	>200KW PV, PON 2112 NY SUN	404,931
	SolarCommunities Inc.	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	60,221
			NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,320
		Ulster	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	83,678
	Steven Winter Associates, Inc.	Westchester	Consolidated Edison	NYCH: Technical Assistance, FT13551 - One Pa..	7,750
	Sun Source Technologies	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	5,439
			NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,054
		Putnam	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	5,040
		Sullivan	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	7,884
		Ulster	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	38,640
	Sunnova Energy Corp	Orange	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	952
		Rockland	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	6,307
	SunPower Capital, LLC	Orange	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,379
			Orange and Rockland..	<200KW PV, PON 2112 NY SUN	16,380
		Sullivan	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	5,837
	Sunrise Solar Solutions, LLC	Putnam	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	8,064
		Westchester	Consolidated Edison	<200KW PV, NY-Sun	98,161
				>200KW PV, NY-Sun	42,069
				>200KW PV, PON 2112 NY SUN	927,554
	SunRun, Inc	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	10,353
		Orange	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	22,013
			Orange and Rockland..	<200KW PV, PON 2112 NY SUN	45,982
		Rockland	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	24,118
		Sullivan	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	5,355
	Surf Clean Energy Inc	Orange	Central Hudson Gas a..	<200KW PV, NY-Sun	5,632
	Tern Construction & Development, LLC	Dutchess	NYS Electric and Gas	New Construction Housing, NCP Housing	80,000
		Westchester	NYS Electric and Gas	New Construction Housing, 2019 LRNCP	17,650

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Mid-Hudson	Green Construction & Development, LLC	Westchester	NYS Electric and Gas	Single Family New Construction, 2019 LRNCP	21,600
	Tesla Energy Operations Inc	Rockland	Orange and Rockland..	<200KW PV, PON 2112 NY SUN	5,712
		Westchester	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	1,190
	Thermodynamix LLC	Westchester	Consolidated Edison	NYCH: Talent Ppln:CE and OJT, OJT HIRE	38,640
	TM Montante Solar Developm..	Orange	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	250,992
	Trane	Orange	Orange and Rockland Utilities	Real Time Enrgy Management, Trane-2320 Rout..	133,333
				Real Time Enrgy Management, Trane-2320 US ..	27,743
		Ulster	Central Hudson Gas and Electric	Real Time Enrgy Management, Trane - 21 Wynk..	68,895
	TRC Energy Services	Rockland	Orange and Rockland..	Real Time Enrgy Management, Trane - 107 Gros..	73,112
				NYCH: Technical Assistance, FT13547 - Rocklan..	10,460
	Trinity Solar Inc	Dutchess	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	5,117
		Orange	Central Hudson Gas a..	<200KW PV, PON 2112 NY SUN	12,019
			Orange and Rockland..	<200KW PV, PON 2112 NY SUN	16,422
	Ulster County BOCES	Ulster	Central Hudson Gas a..	Talent Pipeline:CE and OJT, PON3981 Round 11	450,000
	Urban Electric Power, LLC	Rockland	Orange and Rockland..	Talent Pipeline:CE and OJT, OJT HIRE	46,624
	US Energy Concierge Inc	Westchester	Consolidated Edison	<200KW PV, NY-Sun	6,320
	Vassar College	Dutchess	Central Hudson Gas a..	CI Carbon Challenge, C&I Carbon Challenge	1,259,097
	Willdan Energy Solutions	Westchester	Consolidated Edison	NYCH: District, PON 4614 Round #1 Phelps Hosp	76,835
	<b>Total</b>				40,350,533
	Mohawk Valley	1639 Rt 29 Solar 1, LLC	Fulton	National Grid	>200KW PV, NY Sun
Alternative Power Solutions of..		Oneida	National Grid	<200KW PV, PON 2112 NY SUN	13,244
American Energy Care, Inc.		Fulton	National Grid	<200KW PV, PON 2112 NY SUN	12,811
				Herkimer	National Grid
					<200KW PV, PON 2112 NY SUN
Apex Solar Power LLC		Otsego	National Grid	<200KW PV, NY-Sun	780
Bantam Solar, LLC		Fulton	National Grid	>200KW PV, NY Sun	1,200,227
Canajoharie, Village of,		Montgomery	National Grid	Clean Energy Communities, Communities & Loc..	50,000
Caribou Biofuels, Inc		Schoharie	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	6,080
ClearPath Energy LLC		Herkimer	National Grid	>200KW PV, NY Sun	824,932
		Oneida	National Grid	>200KW PV, NY Sun	824,932
Community Power Group, LLC		Montgomery	National Grid	>200KW PV, NY Sun	825,000
ConnectGen Montgomery Co..		Montgomery	National Grid	REC:CES REC Contracts, RESRFP20-1	26,950,453
Country Suburban Heating & ..		Oneida	National Grid	NYCH: Talent Ppln:CE and OJT, OJT HIRE	17,280
Day Automation Systems, Inc.		Herkimer	National Grid	Real Time Enrgy Management, Day Automation- ..	247,918
				Otsego	NYS Electric and Gas
Doherty Electric, LLC		Herkimer	National Grid	<200KW PV, PON 2112 NY SUN	39,270
Erdman Anthony & Associates, Inc.		Oneida	National Grid	Real Time Enrgy Management, Erdman-SUNY P..	9,356
		Otsego	NYS Electric and Gas	Real Time Enrgy Management, Erdman-SUNY O..	8,656
Extraterrestrial Materials Inc.		Otsego	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,474
FFP NY Rome Project1, LLC		Oneida	National Grid	>200KW PV, NY-Sun Payee Assignment	1,049,963
Fred F. Collis & Sons, Inc.		Oneida	National Grid	NYCH: Talent Ppln:CE and OJT, OJT HIRE	57,280
				Talent Pipeline:CE and OJT, OJT HIRE	5,760
Gloversville Community Solar ..		Fulton	National Grid	>200KW PV, NY Sun C&I Assignment	2,058,210
J&A Electrical Construction LL..		Oneida	National Grid	<200KW PV, PON 2112 NY SUN	5,198
Kasselman Solar LLC		Oneida	National Grid	<200KW PV, NY-Sun	7,308
		Schoharie	National Grid	<200KW PV, PON 2112 NY SUN	15,292
LaBella Associates, P.C.		Oneida	National Grid	K-12 SCHOOLS, P12GC-51E - Rome CSD - FTC	120,155
Mohawk Valley Economic Dev..		Herkimer	Municipal Utilities	OTHER PROGRAM AREA, CEEP Mohawk Valle..	72,605
Mohawk Valley Health System		Oneida	National Grid	Commercial New Construc, Commercial New Co..	350,000
Nickels Energy Solutions LLC		Oneida	National Grid	<200KW PV, PON 2112 NY SUN	5,600
NP Environmental LLC		Oneida	NYS Electric and Gas	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
Pivot Solar NY 4 LLC	Oneida	National Grid	>200KW PV, NY Sun	395,894	

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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Mohawk Valley	PlugPV, LLC	Otsego	NYS Electric and Gas	<200KW PV, NY-Sun	8,704
				<200KW PV, PON 2112 NY SUN	5,152
		Schoharie	National Grid	<200KW PV, PON 2112 NY SUN	6,300
	Potentia Management Group LLC	Oneida	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	54,372
				Talent Pipeline:CE and OJT, OJT Hire Alberici	10,752
	SG Onedia PV LLC	Oneida	National Grid	>200KW PV, NY Sun	824,956
	Sigora Solar	Herkimer	National Grid	<200KW PV, PON 2112 NY SUN	8,190
	Solar Liberty Energy Systems, Inc	Herkimer	National Grid	<200KW PV, PON 2112 NY SUN	7,056
		Oneida	National Grid	<200KW PV, PON 2112 NY SUN	8,568
	Solitude Solar LLC	Oneida	National Grid	>200KW PV, NY Sun	89,894
	Standard Insulating Company	Oneida	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	12,000
	SunEast Augustus Solar LLC	Oneida	NYS Electric and Gas	REC:CES REC Contracts, RESRFP20-1	11,621,089
	SunEast Flat Creek Solar LLC	Montgomery	National Grid	REC:CES REC Contracts, RESRFP20-1	92,656,716
	SunEast Flat Stone Solar, LLC	Oneida	National Grid	REC:CES REC Contracts, RESRFP20-1	13,238,171
	SUNY Oneonta	Otsego	NYS Electric and Gas	Commercial New Construc, New Construction	5,611
	Sustainable Comfort, Inc	Otsego	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	8,461
	Tern Construction & Development, LLC	Oneida	National Grid	New Construction Housing, NCP Housing	64,000
		Otsego	NYS Electric and Gas	New Construction Housing, 2019 LRNCP	58,400
	Town of Edinburg	Fulton	National Grid	Clean Energy Communities, CEC400091 - Town ..	50,000
	Trane	Fulton	National Grid	Real Time Enrgy Management, Multi Campus-10..	50,068
National Grid			Real Time Enrgy Management, Trane - Multisite -..	17,675	
Otsego		NYS Electric and Gas	Real Time Enrgy Management, Trane-Multisite-R..	87,114	
<b>Total</b>				155,551,101	
New York City	1st Light Energy, Inc.	New York	Consolidated Edison	>200KW PV, PON 2112 NY SUN	17,688
	3 BP REIT	New York	Consolidated Edison	Technical Services, OsEM71-C - Ivanhoe Cambri..	163,655
	25-74 33rd Street Owner, LLC	Queens	Consolidated Edison	Multifam Performance Pgm, Multifamily	42,000
	31-49 29th Street Owner, LLC	Queens	Consolidated Edison	Multifam Performance Pgm, Multifamily	33,600
	34th Hotel Ventures LLC	New York	Consolidated Edison	NYCH: Technical Assistance, FT13636 - 218 W. ...	9,765
	35 E Tenth Street Realty Corp	New York	Consolidated Edison	Technical Services, FT13352 - 35 E. 10th - PON	6,278
	45 Park Ave Condominium	New York	Consolidated Edison	NYCH: Technical Assistance, FT13718 - 45 Park..	10,800
	50 HYMC Owner LLC	Kings	Consolidated Edison	Commercial New Construc, NCP15018-50 Huds..	327,047
	50 Overlook Terrace Owner, L..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	40,600
	50th Street HDFC	Kings	Consolidated Edison	Technical Services, FT13624 - 329-345 50th - P..	5,750
	106 Fort Washington Owner, ..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	48,300
	122-20 Ocean Promenade O..	Queens	Long Island Power Au..	Multifam Performance Pgm, Multifamily	50,400
	137 E 36 ST CORP	New York	Consolidated Edison	NYCH: Technical Assistance, FT13689 - 137 E 3..	17,500
	174 Power Global NorthEast, LLC	Kings	Consolidated Edison	>200KW PV, PON 2112 NY SUN	104,247
		Queens	Consolidated Edison	>200KW PV, NY-Sun	343,980
	213 Bennett Avenue Owner L..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	50,400
	230 East 88th Street Corporati..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	76,300
	263 West 153rd Street LP	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	59,500
	275 Nelson Apartments LLC	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	179,200
	445 Gerard LLC	Bronx	Consolidated Edison	New Construction Housing, NCP Housing	100,000
	770 Electric Corp.	Bronx	Consolidated Edison	<200KW PV, NY-Sun	15,530
				>200KW PV, NY-Sun	6,656
				>200KW PV, PON 2112 NY SUN	6,156
		Kings	Consolidated Edison	<200KW PV, NY-Sun	12,432
				>200KW PV, NY-Sun	5,328
				>200KW PV, PON 2112 NY SUN	36,732
	1625 Rockaway Parkway Ow..	Kings	Consolidated Edison	>200KW PV, PON 2112 NY SUN	53,988
	1625 Rockaway Parkway Ow..	Kings	Consolidated Edison	Multifam Performance Pgm, Multifamily	105,700
	A. Kornegay Senior Houses H..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	63,000

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
New York City	Accord Power, Inc.	Bronx	Consolidated Edison	<200KW PV, NY-Sun	6,440
		Kings	Consolidated Edison	<200KW PV, NY-Sun	311,178
				>200KW PV, NY-Sun	133,362
				>200KW PV, PON 2112 NY SUN	24,150
		New York	Consolidated Edison	<200KW PV, NY-Sun	58,706
				>200KW PV, NY-Sun	25,160
	>200KW PV, PON 2112 NY SUN			16,485	
	Actasys	Richmond	Consolidated Edison	Talent Pipeline:CE and OJT, OJT HIRE	8,460
	Adam C. Boese	Bronx	Consolidated Edison	NYCH: Technical Assistance, FT13597 - Kittay A..	6,400
	AECOM USA INC.	New York	Consolidated Edison	NYCH: Technical Assistance, FT13419 - 230 E 7..	21,137
				NYCH: Technical Assistance, FT13644 - Worldwi..	43,071
	Air Company Holdings, Inc.	Kings	Consolidated Edison	Talent Pipeline:CE and OJT, OJT HIRE	15,360
	Akelius US LLC	Kings	Consolidated Edison	Commercial New Construc, 2019 CNCP	12,691
	AKF-engineers	New York	Consolidated Edison	NYCH: Technical Assistance, FT13414 - Soverei..	65,000
				NYCH: Technical Assistance, FT13460 - 1221 A..	92,625
				NYCH: Technical Assistance, FT13478 - 150 E. ...	12,750
				NYCH: Technical Assistance, FT13687 - 1411 Br..	44,000
	Albireo Energy, LLC	New York	Consolidated Edison	Real Time Enrgy Management, Albireo-237 Park..	58,072
				Real Time Enrgy Management, Albireo-350 Madi..	36,347
	AltPOWER, Inc.	Bronx	Consolidated Edison	<200KW PV, NY-Sun	22,176
				>200KW PV, NY-Sun	5,544
Kings		Consolidated Edison	<200KW PV, NY-Sun	294,948	
	Queens	Consolidated Edison	<200KW PV, NY-Sun	174,315	
Amergy Solar Inc.	Queens	Consolidated Edison	>200KW PV, PON 2112 NY SUN	624,240	
Amtad LLC	New York	Consolidated Edison	NYCH: Technical Assistance, FT13903 - 70 E. 5..	20,098	
			NYCH: Technical Assistance, FT13924 - Nippon ..	24,800	
Andromeda Community Initiati..	Queens	Consolidated Edison	Talent Pipeline:CE and OJT, PON3981 Round 10	232,788	
Antares Group, Inc.	Queens	Consolidated Edison	NYCH: Technical Assistance, FT13633 - 8000 Ut..	49,577	
			REV Campus Challenge, FT13487 - St. Albert - F..	30,022	
Atlantic Towers Associates L.P.	Kings	Consolidated Edison	Multifam Performance Pgm, Multifamily	502,600	
Automated Logic Contracting ..	Kings	Consolidated Edison	Real Time Enrgy Management, AutoLogic-156 St..	30,739	
Banyan Infrastructure Corpora..	New York	Consolidated Edison	NEW YORK GREEN BANK, Reporting Covenant..	150,000	
Baxt Ingui Architects	New York	Consolidated Edison	Buildings of Excellence, BoE Rnd 1 - Design Tea..	29,552	
BDO USA LLP	New York	Consolidated Edison	NYSERDA ADMINISTRATION, TWO - GJGNY	8,000	
Bergmann Associates, Architects,	Kings	Consolidated Edison	Commercial Real Estate Ten, Bergmann Associa..	4,196	
	New York	Consolidated Edison	Commercial Real Estate Ten, Bergmann Associa..	51,552	
	Queens	Consolidated Edison	Commercial Real Estate Ten, Bergmann Associa..	4,196	
Best Energy Power	Bronx	Consolidated Edison	<200KW PV, NY-Sun	142,575	
			>200KW PV, NY-Sun	46,755	
	Kings	Consolidated Edison	>200KW PV, PON 2112 NY SUN	55,062	
	New York	Consolidated Edison	<200KW PV, NY-Sun	495,503	
			>200KW PV, NY-Sun	131,917	
	Queens	Consolidated Edison	>200KW PV, PON 2112 NY SUN	15,846	
Richmond	Consolidated Edison	>200KW PV, PON 2112 NY SUN	57,594		
BlocPower LLC	Bronx	Consolidated Edison	Multifam Performance Pgm, Multifamily	24,500	
			NYCH: LMI, Clean Heating & Cooling	24,500	
	Kings	Consolidated Edison	Multifam Performance Pgm, Multifamily	52,500	
			NYCH: LMI, Clean Heating & Cooling	23,200	
Queens	Consolidated Edison	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,680		
BP Cyrus MM LLC	Bronx	Consolidated Edison	Multifam New Construction, New Construction	184,300	
Bright Power, Inc.	Bronx	Consolidated Edison	<200KW PV, NY-Sun	48,510	
			>200KW PV, NY-Sun	20,790	

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount	
New York City	Bright Power, Inc.	Bronx	Consolidated Edison	NYCH: Technical Assistance, FT13432 -2510 Fri..	5,850	
				NYCH: Technical Assistance, FT13433 -2500-25..	5,850	
				NYCH: Technical Assistance, FT13492 - 2405 S..	7,300	
				NYCH: Technical Assistance, FT13516 - 35 Marc..	6,300	
				NYCH: Technical Assistance, FT13529 - 321-325..	10,550	
				Real Time Enrgy Management, BrightPower-205..	135,638	
		Kings	Consolidated Edison	<200KW PV, NY-Sun	55,188	
				>200KW PV, NY-Sun	23,652	
				NYCH: Technical Assistance, FT13454 - Red Ho..	14,175	
				NYCH: Technical Assistance, FT13473 - 160 Sch..	7,400	
				NYCH: Technical Assistance, FT13546 - Brookly..	8,200	
		New York	Consolidated Edison	NYCH: Technical Assistance, FT13309 - 130 Cla..	25,758	
				NYCH: Technical Assistance, FT13355 - 500 E 5..	9,225	
				NYCH: Technical Assistance, FT13466 - 560 W. ..	11,200	
				NYCH: Technical Assistance, FT13486 - 150 E. ..	9,560	
				NYCH: Technical Assistance, FT13489 - 63 W. 3..	9,250	
				NYCH: Technical Assistance, FT13490 - 152 W ..	12,500	
				NYCH: Technical Assistance, FT13497 - 430 Par..	18,000	
				NYCH: Technical Assistance, FT13510 - 650 Par..	8,750	
				NYCH: Technical Assistance, FT13511 - 400 E. ..	9,000	
				NYCH: Technical Assistance, FT13513 - 135 W. ..	8,400	
				NYCH: Technical Assistance, FT13588 - The Ald..	11,250	
				NYCH: Technical Assistance, FT13622 - 42 W 5..	9,200	
				NYCH: Technical Assistance, FT13639 - 321 W. ..	6,750	
				Technical Services, FT13618 - 80 Broad - FTC	15,300	
				Queens	Consolidated Edison	<200KW PV, NY-Sun
		>200KW PV, NY-Sun	18,315			
		NYCH: Technical Assistance, FT13499 - Glen O..	29,000			
		NYCH: Technical Assistance, FT13507 - 21-10 5..	5,750			
		NYCH: Technical Assistance, FT13594 -Regent ..	8,200			
		NYCH: Technical Assistance, FT13653 -40-26 C..	19,250			
		Broadwall Management Corp.	New York	Consolidated Edison	Technical Services, OsEM75-C -Broadwall Mana..	167,508
		Brook Avenue Development C..	Bronx	Consolidated Edison	Multifam Performance Pgm, Multifamily	49,700
		Brooklyn SolarWorks LLC	Kings	Consolidated Edison	>200KW PV, PON 2112 NY SUN	12,870
		Brooklyn Union Gas	Kings	Consolidated Edison	Technical Services, FT13320 - 8302 Ditmas - PO..	14,400
			Richmond	Consolidated Edison	Technical Services, FT13321 - 200 Gulf - PON	9,120
		Brooklyness, Inc.	New York	Consolidated Edison	Pub Transit & Elect Rail, Clean Transportation	76,000
		BSREP UA 3333 Broadway, L..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	835,100
		Buro Happold Consulting Engineers, P.C.	New York	Consolidated Edison	NYCH: Technical Assistance, FT13404 - 1333 Br..	50,613
					NYCH: Technical Assistance, FT13544 - 1350 Br..	91,181
		Calibrant TE Development, LL..	New York	Consolidated Edison	<200KW PV, NY-Sun	491,845
		CannonDesign	New York	Consolidated Edison	REV Campus Challenge, RM44 - Pace University..	132,999
		Carahsoft Technology Corpor..	New York	Consolidated Edison	NEW YORK GREEN BANK, NYGB Cloud Conte..	39,437
		Carnegie Fabrics LLC	New York	Consolidated Edison	Soundproofing for NYGB	19,385
		Casa Pasiva, LLC	Kings	Consolidated Edison	Multifam Performance Pgm, Multifamily	350,000
					NYCH: LMI, Clean Heating & Cooling	440,000
		CEC Stuyvesant Cove, Inc.	New York	Consolidated Edison	NY-SUN, PON 3414 Solar for Enterprise	200,000
Chelsea Grand LLC	New York	Consolidated Edison	NYCH: Technical Assistance, FT13552 - 158 W. ..	7,980		
Clearview Consultants, LLC	New York	Consolidated Edison	BR: Prospecting, TWO #1 Notice to Proceed	739,887		
Climate Change & Environme..	New York	Consolidated Edison	Commercial Real Estate Ten, CCES - 801 2nd A..	8,160		
Code Green Solutions, Inc.	New York	Consolidated Edison	NYCH: Technical Assistance, FT13434 - 383 Laf..	31,425		
			NYCH: Technical Assistance, FT13452 - NYU - F..	11,218		

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
New York City	Code Green Solutions, Inc.	New York	Consolidated Edison	NYCH: Technical Assistance, FT13482 - 125 W. ..	34,250
				NYCH: Technical Assistance, FT13503 - 2 Gans..	28,022
				NYCH: Technical Assistance, FT13509 - 77 Wat..	30,720
				NYCH: Technical Assistance, FT13522 - 767 Thir..	49,493
				NYCH: Technical Assistance, FT13524 - 747 Thir..	31,051
				NYCH: Technical Assistance, FT13526 - 99 Gan..	41,000
				Technical Services, FT13495 - 524 Broadway - F..	16,200
				Technical Services, FT13496 - Park Ave Tower - ..	48,250
				Technical Services, FT13514 - 240 W. 35th - FTC	19,750
				Technical Services, FT13523 - 777 Third - FTC	41,884
				Technical Services, FT13534 - 40 Central Park S	22,250
				Technical Services, FT13537 - 437 Madison - FTC	33,936
				Technical Services, FT13585 - 590 Madison - FTC	44,500
				Columbia Property Trust Operating Partne	New York
Technical Services, FT13261 - 229 W 43rd - PON	62,450				
Commercial Cleaning NY Sunshine, Inc.	New York	Consolidated Edison	NYSERDA ADMINISTRATION, Janitorial Cleanin..	57,600	
			NYSERDA ADMINISTRATION, Janitorial Cleanin..	15,600	
Community Access, Inc	Bronx	Consolidated Edison	New Construction Housing, 2020 MFCNP	154,000	
Control Solutions Group, Inc.	New York	Consolidated Edison	NYSERDA ADMINISTRATION, Building Manage..	11,330	
Cord Meyer Development	Queens	Consolidated Edison	Technical Services, FT13556 - 108-18 Queens - ..	19,200	
Cortex Building Intelligence, In..	New York	Consolidated Edison	Real Time Enrgy Management, CBI - 1375 Broad..	41,897	
Crown Gardens Housing Corp..	Kings	Consolidated Edison	Multifam Performance Pgm, Multifamily	165,200	
Cutone & Company Consultan..	Kings	Consolidated Edison	Talent Pipeline:CE and OJT, OJT HIRE	9,600	
David Davenport	New York	Consolidated Edison	NEW YORK GREEN BANK, GBank Eval & Due ..	186,956	
Delta Connects, Inc.	New York	Consolidated Edison	Real Time Enrgy Management, Delta - 1930 Bro..	42,600	
Digital Realty Trust	New York	Consolidated Edison	Technical Services, FT13550 - JFK Data - PON	55,000	
DNV Energy Insights USA Inc.	Bronx	Consolidated Edison	Technical Services, FT13163 - 650 Brush Ave - F..	22,554	
	New York	Consolidated Edison	Technical Services, FT13461 - Sheraton - FTC	14,000	
	Queens	Consolidated Edison	Technical Services, FT13281 - 18-1 Steinway - F..	34,984	
DNV GL Energy Services US..	New York	Consolidated Edison	TWO #3	64,391	
Do-It-With Inc.	New York	Consolidated Edison	>200KW PV, PON 2112 NY SUN	132,402	
Dual Fuel Corp	Bronx	Consolidated Edison	Real Time Enrgy Management, Dual Fuel-2083 ..	9,200	
			Real Time Enrgy Management, Dual Fuel-2088 ..	9,200	
			Real Time Enrgy Management, Dual Fuel-2090 ..	5,850	
			Real Time Enrgy Management, Dual Fuel-Multisit..	30,680	
	Kings	Consolidated Edison	Real Time Enrgy Management, DF-221 Linden-R..	9,480	
	New York	Consolidated Edison	Real Time Enrgy Management, DF-320 East 58t..	8,190	
			Real Time Enrgy Management, Dual - 333 E 43r..	65,340	
			Real Time Enrgy Management, Dual - multisites -..	104,820	
			Real Time Enrgy Management, Dual Fuel-607 W..	7,050	
			Real Time Enrgy Management, DualFuel-325 Ce..	23,680	
Real Time Enrgy Management, DF-61-05 39th A..			42,840		
DVM Industries	Queens	Consolidated Edison	Talent Pipeline:CE and OJT, OJT HIRE	20,480	
E-Mobility Market Services, Inc.	Kings	Consolidated Edison	Talent Pipeline:CE and OJT, OJT HIRE	20,480	
East Harlem Pilot Block HDFC	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	459,200	
East West General Constructi..	Queens	Consolidated Edison	NYCH: Talent Ppln:CE and OJT, OJT HIRE	15,360	
Ebenezer Plaza Owner LLC	Kings	Consolidated Edison	New Construction Housing, NCP Housing	200,000	
Ecosave, Inc.	Kings	Consolidated Edison	NYCH: District, PON 4614 Round #1 Coney Island	1,621,019	
Edison Energy, LLC	New York	Consolidated Edison	Technical Services, FT13505 - 55 John - FTC	19,845	
EME Consulting Engineering Group, LLC	Bronx	Consolidated Edison	NYCH: Technical Assistance, FT13421 - Tower ..	13,225	
			NYCH: Technical Assistance, FT13446 - Faile - F..	7,825	
			NYCH: Technical Assistance, FT13447 - Frindlay..	14,150	

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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount			
New York City	EME Consulting Engineering Group, LLC	Bronx	Consolidated Edison	NYCH: Technical Assistance, FT13448 - Woodst..	17,250			
				NYCH: Technical Assistance, FT13451 - Bryant ..	13,500			
				NYCH: Technical Assistance, FT13517 - Lafayett..	30,000			
				NYCH: Technical Assistance, FT13519 - Henry H..	10,000			
				Tech Assistanc Multifamily LMI, FT13562 - Oak ..	7,825			
				Tech Assistanc Multifamily LMI, FT13733 - 4260 ..	8,500			
				Tech Assistanc Multifamily LMI, FT13734 - 1512 ..	18,250			
				Tech Assistanc Multifamily LMI, FT13735 - 1524 ..	9,400			
				Tech Assistanc Multifamily LMI, FT13736 - 1544 ..	12,375			
				Tech Assistanc Multifamily LMI, FT13737 - 1903 ..	13,225			
		Kings	Consolidated Edison	NYCH: Technical Assistance, FT13416 - Crown ..	14,715			
				NYCH: Technical Assistance, FT13417 - 2nd Atla..	16,325			
				NYCH: Technical Assistance, FT13520 - 249 Tho..	27,500			
				Talent Pipeline:CE and OJT, OJT HIRE	7,693			
				Tech Assistanc Multifamily LMI, FT13730 - 363 B..	12,375			
				Tech Assistanc Multifamily LMI, FT13731 - 45 N. ..	12,375			
				Tech Assistanc Multifamily LMI, FT13732 - 405 ..	12,375			
				Technical Services, FT13649 - 301 E. 17th - FTC	37,250			
		New York	Consolidated Edison	NYCH: Technical Assistance, FT13444 - Korneg..	7,825			
				NYCH: Technical Assistance, FT13445 - Dinkins ..	7,825			
				NYCH: Technical Assistance, FT13518 - 275 So..	15,000			
				Real Time Enrgy Management, FlexTech Consult..	175,000			
				Talent Pipeline:CE and OJT, OJT HIRE	33,175			
				Tech Assistanc Multifamily LMI, FT13559 - Victor..	8,000			
				Tech Assistanc Multifamily LMI, FT13560 - Gouv..	28,000			
				Tech Assistanc Multifamily LMI, FT13561 - River..	25,000			
				Tech Assistanc Multifamily LMI, FT13563 - River..	22,500			
				Tech Assistanc Multifamily LMI, FT13564 - Vince..	7,825			
				Tech Assistanc Multifamily LMI, FT13727 - 50 W...	8,500			
				Tech Assistanc Multifamily LMI, FT13728 - 141 ..	8,850			
				Tech Assistanc Multifamily LMI, FT13729 - 101 ..	7,800			
				Tech Assistanc Multifamily LMI, FT13738 - 1945 ..	32,500			
				Technical Services, FT13528 - One Park - FTC	12,585			
				Technical Services, FT13784 - 550 First - FTC	250,000			
				Employee Leasing of Greater ..	New York	Consolidated Edison	NEW YORK GREEN BANK, TS.024_NYGB_Dat..	29,250
				Empower CES, LLC	Bronx	Consolidated Edison	>200KW PV, PON 2112 NY SUN	5,940
				Endurant Energy LLC	New York	Consolidated Edison	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
Energy & Resource Solutions, Inc.	New York	Consolidated Edison	Technical Services, FT13461 - Sheraton - FTC	14,000				
	Queens	Consolidated Edison	Technical Services, FT13281 - 18-1 Steinway - F..	6,071				
Energy Conservation & Supply, Inc.	Queens	Consolidated Edison	Talent Pipeline:CE and OJT, OJT HIRE	10,000				
			Talent Pipeline:CE and OJT, Workforce Dev & Tr..	10,000				
Energy Technology Savings, Inc.	New York	Consolidated Edison	Real Time Enrgy Management, ETS - 70 Pine St ..	40,580				
			Real Time Enrgy Management, ETS - 525 W52n..	30,861				
Enertiv Inc.	New York	Consolidated Edison	Real Time Enrgy Management, Enertiv-20 Excha..	72,594				
			Real Time Enrgy Management, Enertiv-101 Gree..	29,843				
			Talent Pipeline:CE and OJT, OJT HIRE	10,240				
Enica Engineering, PLLC	New York	Consolidated Edison	REV Campus Challenge, FT13436 - 410 W. 118t..	76,255				
EnterSolar LLC	Kings	Consolidated Edison	>200KW PV, PON 2112 NY SUN	190,103				
	Queens	Consolidated Edison	>200KW PV, PON 2112 NY SUN	170,352				
	Richmond	Consolidated Edison	>200KW PV, PON 2112 NY SUN	184,002				
ESNY-IN-BRUCKNER LLC	Bronx	Consolidated Edison	>200KW PV, NY-Sun	925,760				
EVERGREEN ENERGY	Kings	Consolidated Edison	>200KW PV, PON 2112 NY SUN	132,976				

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
New York City	Faille Street HDFC	Bronx	Consolidated Edison	Multifam Performance Pgm, Multifamily	54,600
	Ficazzola Consulting, LLC	Richmond	Consolidated Edison	<200KW PV, NY-Sun	5,000
	Fifth Avenue Committee, Inc.	Kings	Consolidated Edison	NY-SUN, FAC Solar	188,185
	Fifth Lenox Terrace Associate..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	196,700
	Findlay Houses LP	Bronx	Consolidated Edison	Multifam Performance Pgm, Multifamily	161,000
	First Lenox Terrace Associate..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	199,500
	Folor, Inc	New York	Consolidated Edison	NYSERDA ADMINISTRATION, Headers for Sec..	20,504
	Fourth Lenox Terrace Associa..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	198,100
	G&S Operations LLC	Kings	Consolidated Edison	>200KW PV, PON 2112 NY SUN	14,337
	Generate Capital Inc.	Bronx	Consolidated Edison	<200KW PV, NY-Sun	55,814
	GI Endurant LLC	Bronx	Consolidated Edison	NYCH: District, PON4614 Round #1 The Peninsu..	73,200
			Consolidated Edison	NYCH: District, PON4614 Rnd #1 Innovation QNS	98,125
	Goldman Copeland Associates, P.C.	Kings	Consolidated Edison	Commercial Real Estate Ten, GCA-420 Lexingto..	245,000
			Consolidated Edison	Technical Services, FT13806 - 9901 Shore - FTC	9,995
		New York	Consolidated Edison	NYCH: Technical Assistance, FT13474 - 750 3rd ..	20,978
			Consolidated Edison	Technical Services, FT13468 - Vornado - 330 W ..	5,996
			Consolidated Edison	Technical Services, FT13469 - 7 W. 34th - FTC	5,970
			Consolidated Edison	Technical Services, FT13506 - 330 Madison - FTC	10,495
			Consolidated Edison	Technical Services, FT13521 - 590 5th - FTC	11,000
			Consolidated Edison	Technical Services, FT13535 - Heavenly Rest - F..	12,996
			Consolidated Edison	Technical Services, FT13611 - 145 W 44th - FTC	13,492
			Consolidated Edison	Technical Services, FT13630 - 575 Madison - FTC	14,996
	Gree Mechanical Services USA Corp	Queens	Consolidated Edison	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
				Talent Pipeline:CE and OJT, OJT HIRE	10,240
	Green Hybrid Energy Solution..	Bronx	Consolidated Edison	>200KW PV, PON 2112 NY SUN	111,150
	Greenwich Club Residences	New York	Consolidated Edison	NYCH: Technical Assistance, FT13428 - 88 Gree..	39,700
	Grid City Electric Corp	New York	Consolidated Edison	>200KW PV, PON 2112 NY SUN	10,073
	Group-S LLC	Bronx	Consolidated Edison	Tech Assistanc Multifamily LMI, FT13323 - 98 Co..	185,000
			Consolidated Edison	NYCH: Technical Assistance, FT13491 - 170 We..	25,000
		Kings	Consolidated Edison	NYCH: Technical Assistance, FT13582 - 675 Lin..	55,500
			Consolidated Edison	NYCH: Technical Assistance, FT13635 - 1 Grand..	28,000
			Consolidated Edison	Real Time Enrgy Management, En-Power Group-..	43,260
		New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	252,700
			Consolidated Edison	NYCH: LMI, Clean Heating & Cooling	1,263,500
			Consolidated Edison	NYCH: Technical Assistance, FT13431 - 75 Broa..	21,500
			Consolidated Edison	NYCH: Technical Assistance, FT13458 - 625 Mai..	18,050
			Consolidated Edison	NYCH: Technical Assistance, FT13485 - 200 W. ..	12,900
			Consolidated Edison	NYCH: Technical Assistance, FT13531 - 370 E. ..	13,500
			Consolidated Edison	NYCH: Technical Assistance, FT13583 - 135 W ..	16,125
			Consolidated Edison	NYCH: Technical Assistance, FT13645 - 235 W. ..	14,500
	Consolidated Edison		Real Time Enrgy Management, En-Power-200 B..	10,380	
	Consolidated Edison		Real Time Enrgy Management, En-Power-305 E ..	26,824	
	Guth Deconzo Consulting Eng..	Kings	Consolidated Edison	Real Time Enrgy Management, Group S-35 E 85t..	35,530
				Technical Services, FT13453 - 225 Broadway - F..	28,350
	Habitat Net Zero LLC	Queens	Consolidated Edison	Technical Services, FT13752 - 560 W. 42nd - FTC	10,250
	Harry Winston Inc	New York	Consolidated Edison	Technical Services, FT13631 - Menorah Center - ..	18,500
	Harvest Power, LLC	Kings	Consolidated Edison	Low Rise New Construction, 2019 LRNCP	12,600
Consolidated Edison				NYCH: Technical Assistance, FT13841 - 717 5th ..	14,488
HDFC 185 East 2nd Street Corp.	New York	Consolidated Edison	<200KW PV, NY-Sun	100	
			Consolidated Edison	>200KW PV, NY-Sun	150
HDFC 185 East 2nd Street Corp.	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	15,400	
			Consolidated Edison	NYCH: LMI, Clean Heating & Cooling	96,800



**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
New York City	Henry Hudson Nelson Apartm..	Bronx	Consolidated Edison	Multifam Performance Pgm, Multifamily	75,600
	Hi TECH HVAC Services CORP	Queens	Consolidated Edison	NYCH: Talent Ppln:CE and OJT, OJT HIRE	30,720
				Talent Pipeline:CE and OJT, OJT HIRE	20,480
	Hines Arctic 85 Broad Associa..	New York	Consolidated Edison	Technical Services, OsEM71-C-Hines-IC	163,655
	INF Associates LLC	Queens	Consolidated Edison	NYCH: Technical Assistance, FT13721 - 11-15 B..	12,250
	Integrated HVAC Systems and Services	Bronx	Consolidated Edison	Real Time Enrgy Management, Int. HVAC-1434 ..	25,500
				Real Time Enrgy Management, Integrated-886 W..	28,260
				Real Time Enrgy Management, Integrated-940 G..	20,747
				Real Time Enrgy Management, Integrated-2271 ..	23,430
				Real Time Enrgy Management, IntHVAC-2040 W..	27,660
				Real Time Enrgy Management, IntHVAC-3035 W..	29,310
		Kings	Consolidated Edison	Real Time Enrgy Management, Int.HVAC- 40 De..	134,620
				Real Time Enrgy Management, Integrated-10 Sc..	155,000
				Real Time Enrgy Management, Integrated-702 V..	73,578
				Real Time Enrgy Management, Integrated-881 Er..	143,286
				Real Time Enrgy Management, IntegratedHVA-9..	155,000
		New York	Null	Real Time Enrgy Management, Integrated-102 N ..	30,747
				Consolidated Edison	Real Time Enrgy Management, Integrated HVAC..
				Consolidated Edison	Real Time Enrgy Management, Integrated-1047 ..
				Consolidated Edison	Real Time Enrgy Management, IntegratedHVAC-..
	Intralinks, Inc.	New York	Consolidated Edison	NEW YORK GREEN BANK, VDR Services	37,497
	J Synergy Solar LLC	Queens	Long Island Power Au..	COMMUNITY SOLAR, PON 2112 NY SUN	13,392
	Jaros, Baum & Bolles	Kings	Consolidated Edison	Technical Services, FT13350 - 55 Water - FTC	82,637
		New York	Consolidated Edison	NYCH: Technical Assistance, FT13498 - 1271 A..	67,023
	NYCH: Technical Assistance, FT13803 - 1301 A..			73,750	
	JB I Construction Group	Bronx	Consolidated Edison	>200KW PV, PON 2112 NY SUN	177,912
	Jericho Anthony Avenue Hous..	Bronx	Consolidated Edison	Multifam Performance Pgm, Multifamily	51,800
	John Addrizzo Paul Maghaze..	Kings	Consolidated Edison	NYCH: Technical Assistance, FT13470 - 9920 Fo..	6,310
	Jones Lang LaSalle Americas,..	New York	Null	Real Time Enrgy Management, JLL-Multisite-RT..	200,000
	Kamtech Restoration Corp	Kings	Consolidated Edison	<200KW PV, PON 2112 NY SUN	5,000
	Kastle New York, LLC	New York	Consolidated Edison	Installation of GB Security Sy	7,161
				NYSERDA ADMINISTRATION, Installation of GB..	10,440
	Kawi Energy Group Corp.	New York	Consolidated Edison	Commercial Real Estate Ten, Kawi- 155 W 23rd -..	96,278
				Talent Pipeline:CE and OJT, OJT HIRE	30,720
		Queens	Consolidated Edison	Commercial Real Estate Ten, Kawi- 155 W 23rd -..	4,960
	Kinetic Communities Consulting Corporati	Kings	Consolidated Edison	Talent Pipeline:CE and OJT, OJT HIRE	15,360
		New York	Consolidated Edison	NYCH: Talent Ppln:CE and OJT, OJT HIRE	15,360
		Queens	Consolidated Edison	Talent Pipeline:CE and OJT, OJT HIRE	15,360
	WORKFORCE DEVELOPMENT, OJT HIRE			15,360	
	King Freeze Mechanical Corp	New York	Consolidated Edison	HVAC Installation	19,750
	L&S Energy Services, Inc.	New York	Consolidated Edison	NYCH: Technical Assistance, FT13536 - Chatha..	18,350
	Lafayette Nelson Apartments ..	Bronx	Consolidated Edison	Multifam Performance Pgm, Multifamily	680,400
	Linden Plaza Preservation, L.P.	Kings	Consolidated Edison	Multifam Performance Pgm, Multifamily	1,068,900
	M. Zion Security Systems Corp	Kings	Consolidated Edison	NYSERDA ADMINISTRATION, Millennium Ultra ..	13,465
	Magnusson Architecture and ..	Kings	Consolidated Edison	Buildings of Excellence, BoE Rnd1 - Design Tea..	112,500
	Maple3PKRL175 Pearl Owner..	Kings	Consolidated Edison	NYCH: Technical Assistance, FT13558 - 175 Pe..	15,600
	Marymount School of New York	New York	Consolidated Edison	Commercial New Construc, NCP16001 - Marymo..	168,830
MDRC	New York	Consolidated Edison	Pay for Success CE Training	1,060,680	
MEP Geothermal Engineering, PLLC	New York	Consolidated Edison	NYCH: District, PON4614 Round #1 Barnard	97,997	
	Queens	Consolidated Edison	NYCH: District, PON 4614 Round #1 Fleet	100,000	
MGT Property Management L..	New York	Consolidated Edison	Tech Assistanc Multifamily LMI, FT13619 - Slate ..	41,443	
MR. AIR NYC Corp.	Kings	Consolidated Edison	NYCH: Talent Ppln:CE and OJT, OJT HIRE	20,480	

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount		
New York City	Neighborhood Housing Servic..	Queens	Consolidated Edison	NY-SUN, PON 3414 Electrify Queens	200,000		
	Neighborhood Housing Servic..	Richmond	Consolidated Edison	NY-SUN, PON 3414 Electrify SI	200,000		
	Netgains Engineering P.C.	Bronx	Consolidated Edison	NYCH: Technical Assistance, FT13605 - 3585 Gr..	8,500		
				NYCH: Technical Assistance, FT13681 - 975 Sim..	26,000		
				NYCH: Technical Assistance, FT13682 - 940 Tiff..	7,000		
				NYCH: Technical Assistance, FT13683 - 1710 A..	7,500		
				NYCH: Technical Assistance, FT13684 - 975 Tiff..	8,000		
				NYCH: Technical Assistance, FT13685 - 1730 A..	7,000		
				NYCH: Technical Assistance, FT13788 - 2711 H..	7,500		
				NYCH: Technical Assistance, FT13789 - 2390 P..	7,500		
				NYCH: Technical Assistance, FT13790 - 1874 P..	7,500		
				NYCH: Technical Assistance, FT13791 - 315 W. ..	7,500		
				NYCH: Technical Assistance, FT13792 - 190 E. ..	7,500		
				Kings	Consolidated Edison	NYCH: Technical Assistance, FT13483 - 1 Tiffan..	6,000
						NYCH: Technical Assistance, FT13493 - 105 Lex..	5,000
						NYCH: Technical Assistance, FT13577 - Cathedr..	5,000
						NYCH: Technical Assistance, FT13586 - 111 Ste..	5,000
				New York	Consolidated Edison	NYCH: Technical Assistance, FT13811 - 110 Clift..	7,000
	NYCH: Technical Assistance, FT13423 - 314 W ..	5,000					
	NYCH: Technical Assistance, FT13532 - 222-224..	5,000					
	NYCH: Technical Assistance, FT13540 - 250 E 3..	8,000					
	Queens	Consolidated Edison	NYCH: Technical Assistance, FT13651 - 100 Riv..	15,000			
			Technical Services, FT13612 - 815 AoA - FTC	25,000			
			NYCH: Technical Assistance, FT13488 - 37-30 7..	5,000			
				NYCH: Technical Assistance, FT13694 - 144-21 ..	12,000		
	New York City Operating Part..	New York	Consolidated Edison	Technical Services, OsEM65-C-NYCOP-1140 Ao..	214,000		
	New York Design Center, Inc.	Kings	Consolidated Edison	NYCH: Technical Assistance, FT13223 - 200 Lex..	16,670		
	New York Foundling Hospital	Kings	Consolidated Edison	New Construction Housing, 2019 MFCNP	300,000		
	New York Power Authority	New York	Consolidated Edison	Technical Services, FT13408 - Harriman - FTC	11,000		
	NK 80 Maiden Owner, LLC	New York	Consolidated Edison	Technical Services, FT13278 - 80 Maiden - PON	27,935		
	Noresco LLC	Kings	Consolidated Edison	NYCH: Technical Assistance, FT13484 - 75 Clint..	5,633		
				REV Campus Challenge, FT13443 - Morningside..	126,896		
				Technical Services, FT13629 - 50 Vanderbilt - FT..	11,321		
				Technical Services, FT13638 - 1233 York - FTC	23,498		
	NY CDG 002 LLC	Richmond	Consolidated Edison	>200KW PV, NY-Sun	243,540		
	NYSS LLC	Bronx	Consolidated Edison	<200KW PV, NY-Sun	9,424		
		Queens	Consolidated Edison	<200KW PV, NY-Sun	13,072		
	O'Brien & Gere Engineers, Inc.	Richmond	Consolidated Edison	Technical Services, FT13857 - NYS OPWDD - F..	322,355		
	One West End Avenue Condo..	New York	Consolidated Edison	NYCH: Technical Assistance, FT13587 - 1 West ..	19,925		
	OR 665 St. Marks, LLC	Kings	Consolidated Edison	Multifam Performance Pgm, Multifamily	14,700		
	Pametan, Inc.	New York	Consolidated Edison	Real Time Enrgy Management, Ecorithm-350 Par..	33,800		
Real Time Enrgy Management, Pametan- 888 7t..				49,800			
Real Time Enrgy Management, Pametan- 11 Pen..				57,200			
Parity Inc	Kings	Consolidated Edison	Real Time Enrgy Management, Parity - 655 6th A..	15,182			
	New York	Consolidated Edison	Real Time Enrgy Management, Parity-450 North ..	300			
Patriot Energy Solutions Corp	Kings	Consolidated Edison	<200KW PV, NY-Sun	6,132			
Pictometry International Corp.	New York	Consolidated Edison	BR: Prospecting, subscription for aerial images	7,000			
Pivotal 180, LLC	New York	Consolidated Edison	NEW YORK GREEN BANK, Intern Financial Trai..	7,000			
PLB Oil & Gas Consult LLC	New York	Consolidated Edison	NYGB Investment Support	50,000			
Prescriptive Data	New York	Consolidated Edison	Real Time Enrgy Management, Prescriptive-767 ..	145,657			
Quest Energy Group	Queens	Consolidated Edison	Commercial Real Estate Ten, Quest Energy - 20 ..	2,000			
R3 Energy Management Audit	New York	Consolidated Edison	Real Time Enrgy Management, R3 Energy-575 ..	20,760			

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount	
New York City	RS Energy Management Audit & Review, LLC	New York	Consolidated Edison	Real Time Enrgy Management, SteinbergPokoik..	6,000	
	RBFunding LLC	Bronx	Consolidated Edison	Combined Heat and Power, CHPA-730 E 236th St	8,616	
				Combined Heat and Power, CHPA-2206 Holland ..	8,616	
				Combined Heat and Power, CHPA-4138 Barnes ..	5,773	
		Kings	Consolidated Edison	Combined Heat and Power, CHPA-45 Tehama S..	5,773	
				Combined Heat and Power, CHPA-1985 Ocean ..	5,773	
				Combined Heat and Power, CHPA-2630 Ocean ..	5,773	
	Resilience Education Training ..	Kings	Consolidated Edison	NY-SUN, NY-Sun	184,000	
	Richair Mechanical Inc.	Queens	Consolidated Edison	NYCH: Talent Pln:CE and OJT, OJT Hire	12,960	
	Riseboro Community Partners..	Kings	Consolidated Edison	New Construction Housing, NCP Housing	256,000	
	S and S 2371 LLC	New York	Consolidated Edison	New Construction Housing, NCP Housing	69,000	
	Safari Energy LLC	Kings	Consolidated Edison	>200KW PV, PON 2112 NY SUN	993,453	
	Saint Ann's School	Kings	Consolidated Edison	K-12 SCHOOLS, P12GC-40_E - St. Ann's - PON	24,600	
	Savanna Fund	New York	Consolidated Edison	Technical Services, OsEM74-C - Savanna Fund	191,022	
	Schneider Electric Buildings A..	New York	Consolidated Edison	Real Time Enrgy Management, Schneider-390 M..	8,283	
	Second Atlantic Terminal Corp.	Kings	Consolidated Edison	Multifam Performance Pgm, Multifamily	214,200	
	Second Lenox Terrace Associ..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	200,200	
	Setpoint AI Inc	Kings	Consolidated Edison	NYCH: Talent Pln:CE and OJT, OJT HIRE	10,240	
	Siemens Industry, Inc.	New York	Consolidated Edison	Real Time Enrgy Management, Siemens-Mt. Sin..	240,065	
	Silver Lake Solar LLC	Queens	Consolidated Edison	NYCH: Talent Pln:CE and OJT, OJT HIRE	10,240	
	Sixth Lenox Terrace Associat..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	198,100	
	Smart Home Energy Source	Queens	Consolidated Edison	<200KW PV, NY-Sun	5,232	
	Smith Engineering PLLC	New York	Consolidated Edison	NYCH: Technical Assistance, FT13634 - 521 5th ..	45,875	
	Soho Village Hotel LLC	New York	Consolidated Edison	NYCH: Technical Assistance, FT13553 - 66 Char..	7,568	
	SOL NY Staten Island 1 Ellis, ..	Richmond	Consolidated Edison	>200KW PV, NY-Sun	155,226	
	SOLANTA CORP	Bronx	Consolidated Edison	>200KW PV, PON 2112 NY SUN	326,290	
	Solar Energy Systems, LLC	Bronx	Consolidated Edison	<200KW PV, NY-Sun	28,224	
				>200KW PV, NY-Sun	12,096	
				>200KW PV, PON 2112 NY SUN	313,728	
	Southside United HDFC	Kings	Consolidated Edison	Buildings of Excellence, Buildings of Excellence ..	637,500	
	STAT Architecture PC	Kings	Consolidated Edison	Buildings of Excellence, BoE Rnd 1 - Design Tea..	60,177	
	Steven Winter Associates, Inc.	Bronx	Consolidated Edison	Buildings of Excellence, BoE Rnd 1 - Design Tea..	150,000	
				Multifam New Construction, New Construction	5,300	
New Construction Housing, 2019 MFCNP				9,995		
New York		Consolidated Edison	Multifam New Construction, MFNCP-Sendero Ve..	8,466		
			Multifam New Construction, New Construction	9,992		
			NYCH: Technical Assistance, FT13429 - 1485 5t..	20,540		
			NYCH: Technical Assistance, FT13430 - 389 Eas..	19,875		
			NYCH: Technical Assistance, FT13456 - 935 Par..	9,050		
			NYCH: Technical Assistance, FT13545 - 565 W ..	24,000		
			Technical Services, FT13538 - 58 W 40th - FTC	16,400		
			Technical Services, FT13539 - 70 W 40th - FTC	14,450		
			Workforce Industry Partnership, PON 3715 (BOM)	1,091,029		
			Workforce Industry Partnership, PON 3715 (R5) ..	792,080		
			Queens	Consolidated Edison	NYCH: Technical Assistance, FT13479 - 88-36 7..	10,050
			Sunkeeper Solar LLC	Bronx	Consolidated Edison	>200KW PV, PON 2112 NY SUN
<200KW PV, NY-Sun	11,232					
>200KW PV, NY-Sun	2,808					
Kings	Consolidated Edison	>200KW PV, PON 2112 NY SUN		63,532		
		>200KW PV, NY-Sun		15,643		
Queens	Consolidated Edison	<200KW PV, NY-Sun	32,760			
			>200KW PV, NY-Sun	14,040		

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
New York City	Sunkeeper Solar LLC	Queens	Consolidated Edison	>200KW PV, PON 2112 NY SUN	21,414
	SunPower Capital, LLC	Kings	Consolidated Edison	<200KW PV, NY-Sun	9,792
		Queens	Consolidated Edison	<200KW PV, NY-Sun	8,928
	SunPower Corporation	Queens	Consolidated Edison	<200KW PV, NY-Sun	4,037,670
				>200KW PV, NY-Sun	3,966,983
	Sunwealth Power, Inc.	New York	Consolidated Edison	<200KW PV, NY-Sun	662,724
				>200KW PV, NY-Sun	233,906
	Surf Clean Energy Inc	Kings	Consolidated Edison	<200KW PV, NY-Sun	24,016
				<200KW PV, PON 2112 NY SUN	12,428
		Queens	Consolidated Edison	<200KW PV, NY-Sun	46,544
	Sustainable Investment Group	New York	Consolidated Edison	Technical Services, FT13288 - 1385 Broadway - ..	18,625
	Switch Automation Inc.	New York	Consolidated Edison	Real Time Enrgy Management, Switch-1 Columb..	571,136
	Syska Hennessy Group	New York	Consolidated Edison	NYCH: Technical Assistance, FT13590 - 51 Madi..	57,475
				NYCH: Technical Assistance, FT13621 - 432 W ..	23,344
	T.M. Bier & Associates	New York	Consolidated Edison	Real Time Enrgy Management, T.M Bier-717 5th ..	52,836
	The Cadmus Group, LLC	New York	Consolidated Edison	OREC: Technical Support, Great Lakes Wind Fa..	18,900
	The Chancellor Masters & Sc..	New York	Consolidated Edison	Technical Services, FT13610 - 198 Madison - PO..	22,298
	The Coalition for Green Capital	New York	Consolidated Edison	Prof & Expert Engagement, 2021 GB Membership	7,000
	The Rise Owner LLC	Kings	Consolidated Edison	New Construction Housing, NCP Housing	252,000
	Third Lenox Terrace Associat..	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	200,200
	Tower Gardens Inc.	Bronx	Consolidated Edison	Multifam Performance Pgm, Multifamily	146,300
	Trane	Kings	Consolidated Edison	Real Time Enrgy Management, Fountain House-..	5,909
				Real Time Enrgy Management, KingsTheater-10..	4,950
				Real Time Enrgy Management, St Ann'sWarehou..	8,043
		New York	Consolidated Edison	NYCH: Technical Assistance, FT13549 - Lincoln ..	78,541
				Real Time Enrgy Management, Trane - 685 3rd ..	143,440
				Real Time Enrgy Management, Trane-108 E 60th..	22,628
	TRC Engineers, Inc.	New York	Consolidated Edison	BR: Screening, TWO- Cat 2_BR Site Crit. Issue	79,000
	UGE USA Inc.	Kings	Consolidated Edison	>200KW PV, PON 2112 NY SUN	11,928
		Richmond	Consolidated Edison	>200KW PV, PON 2112 NY SUN	12,035
	Unique Electric Solutions of N..	Bronx	Consolidated Edison	CLEAN TRANSPORTATION, NYTVIP - Pioneer ..	600,000
	Urban Electric Power, LLC	Queens	Consolidated Edison	Talent Pipeline:CE and OJT, OJT HIRE	9,229
	Urban Green Council	New York	Consolidated Edison	Talent Pipeline:CE and OJT, PON3981 Round 10	137,955
	Urban Homesteading Assistan..	New York	Consolidated Edison	NY-SUN, PON 3414 Coops Go Solar	200,000
	Urban Resource Institute	Bronx	Consolidated Edison	New Construction Housing, NCP Housing	61,000
	Utilities Program & Metering, Inc.	New York	Consolidated Edison	Real Time Enrgy Management, UPM - 530 E 74t..	81,761
				Real Time Enrgy Management, UPM - 580 5th A..	109,313
	Wavelength Group, LLC	Kings	Consolidated Edison	Talent Pipeline:CE and OJT, OJT HIRE	9,600
	WB Engineering & Consulting ..	New York	Consolidated Edison	Commercial Real Estate Ten, WB Engineers-345..	47,978
	West 125th Street Realty LLC	New York	Consolidated Edison	Multifam Performance Pgm, Multifamily	30,100
	West Side Federation for Seni..	New York	Consolidated Edison	On-Site Energy Manager, OsEM68-M - WSFSSH	137,953
	Willdan Lighting & Electric, Inc.	New York	Consolidated Edison	Talent Pipeline:CE and OJT, PON3981 Round 10	250,000
	Woodstock Terrace Mutual Ho..	Bronx	Consolidated Edison	Multifam Performance Pgm, Multifamily	224,000
	WSP USA Corp.	New York	Consolidated Edison	New Construction- Commercial, Commercial Ne..	94,590
	Yeshiva University	New York	Consolidated Edison	NYCH: Technical Assistance, FT13593 - Yeshiva..	56,832
				NYCH: Technical Assistance, FT13932 - Yeshiva..	75,264
	<b>Total</b>				49,520,234
North Country	31606 Felt Mills LLC	Jefferson	National Grid	>200KW PV, NY Sun	450,364
	ADK Solar	Essex	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,950
	Ampersand Chasm Falls Hydr..	Franklin	NYS Electric and Gas	REC:CES REC Contracts, RESRFP20-1	2,034,736
	Benson Mines, Inc	St. Lawrence	National Grid	BR: Program Implementation, Large-Scale Rene..	569,537
	Buffalo Solar Solutions Inc	Jefferson	National Grid	<200KW PV, PON 2112 NY SUN	8,330

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
<b>North Country</b>	Day Automation Systems, Inc.	St. Lawrence	National Grid	Real Time Enrgy Management, Day Auto Multi	274,829
	Dillon Klepetar	Essex	NYS Electric and Gas	Advancing Ag Enrgy Technologie, Advancing Ag ..	5,772
	EONY Generation Limited	Lewis	National Grid	REC2:CES REC2 Contracts, T2RFP21-1_Moose..	1,281,528
	Erie Boulevard Hydropower LP	St. Lawrence	National Grid	REC2:CES REC2 Contracts, T2RFP21-1_Talcville	97,800
	Fourth Coast, Inc.	Jefferson	National Grid	<200KW PV, PON 2112 NY SUN	28,547
	Frederick A Proven	St Lawrence	National Grid	<200KW PV, PON 2112 NY SUN	5,198
	Heat Keepers, Inc.	Franklin	National Grid	NYCH: Talent Ppln:CE and OJT, OJT HIRE	12,960
	Housing Visions Consultants, ..	Clinton	NYS Electric and Gas	New Construction Housing, 2021 LRNCP - NCH	80,000
	LC DRives	St. Lawrence	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	182,760
	Maple Tap Solar, LLC	Lewis	National Grid	>200KW PV, NY Sun	482,501
	Max Solar Inc	Jefferson	National Grid	<200KW PV, NY-Sun	10,880
				<200KW PV, PON 2112 NY SUN	58,016
		Lewis	National Grid	<200KW PV, PON 2112 NY SUN	6,545
	Natural History Museum of the..	Franklin	National Grid	RENEWABLE HEAT NY, The Wild Center Bioma..	182,000
	New York Independent Syste..	Franklin	Municipal Utilities	BR: Interconnection, Benson Mines Interconnecti..	250,000
	North Country School	Essex	National Grid	RENEWABLE HEAT NY, North Country School ..	278,625
	NY 789 TARBELL HILL LLC	Essex	National Grid	>200KW PV, NY Sun	824,947
	NY USLE Carthage SR26 A LLC	Jefferson	National Grid	>200KW PV, NY Sun Assignment	1,124,908
				NY-SUN, NY Sun Assignment	1,349,889
	NY USLE Carthage SR26 B LLC	Jefferson	National Grid	>200KW PV, NY Sun Assignment	742,456
				NY-SUN, NY Sun Assignment	890,947
	O'Brien & Gere Engineers, Inc.	Jefferson	National Grid	Commercial New Construc, New Construction	48,180
	OYA ELLISBURG SOLAR LLC	Jefferson	National Grid	>200KW PV, NY Sun	730,884
	Pathfinder Engineers & Archit..	St. Lawrence	National Grid	New Construction- Commercial, Commercial Ne..	20,946
	Pivot Solar NY 1 LLC	Essex	National Grid	>200KW PV, NY Sun	714,725
	PowerGEM, LLC	Franklin	Municipal Utilities	BR: Interconnection, Benson Mines Interconnecti..	16,480
	Regan Development Corp	Essex	Municipal Utilities	New Construction Housing, 2020 LRNCP	56,000
	Siemens Industry, Inc.	Jefferson	National Grid	Real Time Enrgy Management, Siemens-11060 ..	37,443
		St. Lawrence	National Grid	Real Time Enrgy Management, Siemens-Brasher..	85,995
	Solar Liberty Energy Systems,..	Essex	National Grid	<200KW PV, PON 2112 NY SUN	95,634
	TJA NY 1454 CR 15 OSWEG..	St. Lawrence	National Grid	>200KW PV, NY Sun	770,893
	TRC Engineers, Inc.	Franklin	Municipal Utilities	BR: Design, BR Benson Mines Engineering	236,000
				BR: Environmental, BR Benson Mines Env Permi..	134,900
	Turin Solar Fund, LLC	Lewis	National Grid	>200KW PV, NY Sun	734,400
	Wadhams Hall Solar, LLC	St. Lawrence	National Grid	>200KW PV, NY Sun	731,130
	Wendel Energy Services, LLC	Clinton	Municipal Utilities	Technical Services, FT13319 - Plattsburg - FTC	74,200
Wilna PV, LLC	Jefferson	National Grid	>200KW PV, NY Sun	522,522	
Yellow 4 LLC	Clinton	NYS Electric and Gas	>200KW PV, NY Sun	401,201	
<b>Total</b>				<b>16,651,559</b>	
<b>Southern Tier</b>	Asteri Ithaca, LLC.	Tompkins	NYS Electric and Gas	New Construction Housing, 2019 MFCNP	550,000
	BHP Energy LLC	Chemung	NYS Electric and Gas	>200KW PV, NY Sun	823,680
	Binghamton Regional	Broome	NYS Electric and Gas	NY-SUN, PON 3414 - CDG Toolkit	142,500
	CIR ELECTRICAL CONSTRU..	Chenango	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	105,000
	Clear View Solar LLC	Steuben	NYS Electric and Gas	REC:CES REC Contracts, RESRFP20-1	1,578,661
	Community Power Group, LLC	Steuben	NYS Electric and Gas	>200KW PV, NY Sun	797,491
	Cornell Cooperative Extension - Tompkins	Tompkins	NYS Electric and Gas	Clean Energy Hub, CEEP Central New York (CC..	7,309
				Community Energy Engagement, CEEP Souther..	50,374
				OTHER PROGRAM AREA, CEEP Central New ..	40,768
				OTHER PROGRAM AREA, CEEP North Country	23,108
				OTHER PROGRAM AREA, CEEP Southern Tier ..	36,580
	Cornerstone Energy Services	Delaware	NYS Electric and Gas	RENEWABLE HEAT NY, Cornerstone Services -..	20,979
	Day Automation Systems, Inc.	Broome	NYS Electric and Gas	Real Time Enrgy Management, Day Auto 54 Main	215,203

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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount		
Southern Tier	Day Automation Systems, Inc.	Chemung	NYS Electric and Gas	K-12 SCHOOLS, P12GC-54E - Elmira Heights-P..	10,695		
				Real Time Enrgy Management, Day Automation--	683,399		
		Steuben	NYS Electric and Gas	Real Time Enrgy Management, Day Auto Multi	367,035		
				Real Time Enrgy Management, Day Automation--	131,031		
Delaware Court Apartments LLC	Broome	NYS Electric and Gas		Multifam Performance Pgm, Multifamily	36,400		
				Tech Assistanc Multifamily LMI, FT13494 - 3 Del..	7,500		
Delaware River Solar, LLC	Broome	NYS Electric and Gas		>200KW PV, NY Sun	584,496		
				Steuben	NYS Electric and Gas	>200KW PV, NY Sun	462,726
Doherty Electric, LLC	Delaware	NYS Electric and Gas		<200KW PV, PON 2112 NY SUN	7,735		
Extraterrestrial Materials Inc.	Broome	NYS Electric and Gas		<200KW PV, PON 2112 NY SUN	13,748		
				Chemung	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	7,224
				Chenango	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	7,140
				Steuben	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	7,616
				Tioga	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	30,023
Fingerlakes Renewables	Steuben	NYS Electric and Gas		<200KW PV, PON 2112 NY SUN	8,750		
Foam It Insulation, LLC	Broome	NYS Electric and Gas		Talent Pipeline:CE and OJT, OJT HIRE	48,480		
George E Denmark II	Chemung	NYS Electric and Gas		<200KW PV, PON 2112 NY SUN	7,970		
Halcyon, Inc.	Tompkins	NYS Electric and Gas		<200KW PV, NY-Sun	8,976		
Johnson Controls, Inc. (Syrac..	Tompkins	NYS Electric and Gas		Rmve Barriers Dist Enrgy Storg, FT13422 - Tom..	14,056		
LaBella Associates, P.C.	Steuben	NYS Electric and Gas		K-12 SCHOOLS, P12GC-52E - Hornell CSD - FT..	73,866		
New York Power Authority	Broome	NYS Electric and Gas		NYCH: Technical Assistance, FT13565 - Bingha..	24,016		
Nsf Enfield Site 1,LLC	Tompkins	NYS Electric and Gas		>200KW PV, NY Sun	820,958		
Nsf Enfield Site 2, LLC	Tompkins	NYS Electric and Gas		>200KW PV, NY Sun	820,958		
Nsf Enfield Site 3, LLC	Tompkins	NYS Electric and Gas		>200KW PV, NY Sun	820,958		
NY Tioga I, LLC	Tioga	NYS Electric and Gas		>200KW PV, NY Sun	943,020		
				NY-SUN, NY Sun	1,305,720		
PlugPV, LLC	Delaware	NYS Electric and Gas		<200KW PV, PON 2112 NY SUN	5,236		
				Tioga	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	6,832
QwikSolar, LLC	Steuben	NYS Electric and Gas		<200KW PV, PON 2112 NY SUN	7,224		
ReneSola Power Holdings, LLC	Steuben	NYS Electric and Gas		>200KW PV, NY Sun	539,768		
Renewable Rochester LLC	Steuben	NYS Electric and Gas		<200KW PV, PON 2112 NY SUN	5,544		
Renovus Energy, Inc.	Tompkins	NYS Electric and Gas		<200KW PV, PON 2112 NY SUN	17,019		
Snug Planet, LLC	Tompkins	NYS Electric and Gas		NYCH: Talent Ppln:CE and OJT, OJT HIRE	22,320		
				Talent Pipeline:CE and OJT, OJT HIRE	17,920		
Solar Liberty Energy Systems,..	Steuben	NYS Electric and Gas		<200KW PV, PON 2112 NY SUN	7,938		
SPO NY Holdings 1, LLC	Delaware	NYS Electric and Gas		>200KW PV, NY Sun	675,792		
				NY-SUN, NY Sun	991,162		
				Schuyler	NYS Electric and Gas	>200KW PV, NY Sun	1,275,000
SUNY Broome Community Co..	Broome	NYS Electric and Gas		NYCH: Technical Assistance, OsEM40-C-Broom..	81,331		
Taitem Engineering, P.C.	Tompkins	NYS Electric and Gas		Commercial New Construc, Commercial New Co..	12,630		
				New Construction Housing, 2019 MFCNP	5,508		
The Insulation Man LLC	Broome	NYS Electric and Gas		Talent Pipeline:CE and OJT, OJT HIRE	23,040		
The Radiant Store	Delaware	NYS Electric and Gas		RENEWABLE HEAT NY, Clean Heating & Cooling	12,000		
Tiffany Energy, LLC	Chenango	NYS Electric and Gas		>200KW PV, NY Sun	1,330,560		
Trane	Broome	NYS Electric and Gas		K-12 SCHOOLS, P12GC-43E - Johnson - FTC	114,344		
				Delaware	NYS Electric and Gas	K-12 SCHOOLS, P12GC-26E - Downsville - FTC	32,800
				Steuben	NYS Electric and Gas	Real Time Enrgy Management, Trane - 1 Credit ..	106,165
Vecino Group New York, LLC	Tompkins	NYS Electric and Gas		New Construction Housing, 2019 MFCNP	399,200		
<b>Total</b>					<b>17,335,480</b>		
Statewide	Abt Associates Inc.	STATEWIDE	Statewide	ENERGY ANALYSIS, TWO 2 formerly 30191 TW..	75,000		
				ENERGY ANALYSIS, TWO#1 Pathways Health	110,000		
				ENVIRONMENTAL RESEARCH, TWO#1 Pathw..	80,000		

**Projects Selected for Funding by Region**  
**Period 4/1/2021 through 9/30/2021**

REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Statewide	Actasys	STATEWIDE	Statewide	Talent Pipeline:CE and OJT, OJT HIRE	9,232
	Action Research Inc.	STATEWIDE	Statewide	Subscription/Data Access, Behavior Consulting S..	50,000
	Adam C. Boese	STATEWIDE	Statewide	Technical Services, FT13554 - Agricul. Best - FT..	16,200
	Adirondack Center for Loon	STATEWIDE	Statewide	Environmental Research, Mercury Pollution-Com..	49,500
	ADM Associates, Inc.,	STATEWIDE	Statewide	GJGNY Market Rate Audits, TWO # 1	457,592
				Home Energy Ratings, TWO # 1	457,592
	Akimeka, LLC	STATEWIDE	Statewide	EVPRZ:Implementation, Clean Transportation	2,000,000
	Alliance for Sustainable Energy, LLC	STATEWIDE	Statewide	ENERGY ANALYSIS, TWO #7 T&D Tool Dev Co..	173,677
				Energy Storage Tech/Prod Dev, TWO 6 NYS Hy..	1,250,000
				High Performing Grid, TWO #7 T&D Tool Dev Co..	1,011,147
	Alliant Insurance Services, Inc.	STATEWIDE	Statewide	Moore McNeil - Level Solar	50,000
	American Council for an Ener..	STATEWIDE	Statewide	Subscription/Data Access, Industrial Heat Pump ..	25,000
	American Institute of Chemica..	STATEWIDE	Statewide	Energy Storage Tech/Prod Dev, NYSERDA Mem..	43,750
	American Lung Association	STATEWIDE	Statewide	Healthy Homes VB Payment Pilot, NYS HH VBP ..	120,000
	American Society of Heating,Refrigeratin	STATEWIDE	Statewide	NYCH: District, Development of Webinar Series	41,387
				Talent Pipeline:CE and OJT, Com Heat Pump W..	291,023
	Aon Risk Consultants, Inc.	STATEWIDE	Statewide	Aon Risk Consulting for Edgewi	5,000
	Apprise, Incorporated	STATEWIDE	Statewide	TWO 1 LMI Commun. Solar survey	13,664
	APX Inc.	STATEWIDE	Statewide	REC2:CES REC2 Syst Development, NYGATS	157,000
				REC:CES REC System Dev Costs, NYGATS	20,000
				ZEC:CES ZEC System Dev Costs, NYGATS	510,000
	Arcadis U.S., Inc.	STATEWIDE	Statewide	FUEL NY, Tech Support FuelNY Bkup Power	49,000
	Arch Street Communications, ..	STATEWIDE	Statewide	Clean Energy Communities, Marketing Support f..	250,000
	Atlas Public Policy	STATEWIDE	Statewide	Electric Vehicles - Innovation, Clean Transportati..	6,365
	Battelle Memorial Institute	STATEWIDE	Statewide	Code to Zero, TWO #2 NYStretch Comm Modeli..	195,935
				Code to Zero, TWO #3 NYStretch Res Modeling	123,883
	BDO USA LLP	STATEWIDE	Statewide	Background Investigation Servi	8,000
				TWO - Level Solar	5,000
				TWO - Renovus Blue Rock	5,000
	Beacon Power, LLC	STATEWIDE	Statewide	Pub Transit & Elect Rail, Beacon flywheel ESS fo..	1,000,000
	Bergmann Associates, Archite..	STATEWIDE	Statewide	OTHER PROGRAM AREA, Just Transition Toolkit	243,400
	Bloomberg Finance LP	STATEWIDE	Statewide	NEW YORK GREEN BANK, Bloomberg Datafee..	56,160
				REC:CES REC System Dev Costs, Bloomberg D..	1,576
	Boice Dunham Group Inc	STATEWIDE	Statewide	OTHER PROGRAM AREA, Innv Pgrm Implemen..	150,000
	Bond, Schoeneck & King, PLL..	STATEWIDE	Statewide	BR: Program Implementation, BR-Outside Legal	750,000
	BPCA NYS Inc.	STATEWIDE	Statewide	Consumer Ed and Market Support, Business Dev..	200,000
				Home Perf w Energy Star, Business Developmen..	50,000
				NYCH: Supply Chain, Business Development Su..	50,000
	BQ Energy	STATEWIDE	Statewide	NY Green Bank, BQ Corporate Upsize	20,000,000
	Brattle Group Inc.	STATEWIDE	Statewide	High Performing Grid, TWO 3	40,000
				High Performing Grid, TWO #2 DPS Utility Study ..	20,000
				High Performing Grid, TWO #4 Grid Performance..	675,000
				High Performing Grid, TWO#1 Clean Energy Deliv	415,000
				OREC: Technical Support, TWO#1 Clean Energy..	460,000
				REC4:CES REC4 Tech Support, TWO #5 Tier 4 ..	50,000
	Bright Building LLC	STATEWIDE	Statewide	NYCH: Innovation, Discretionary Contract with Br	49,693
	BTMI Engineering, PC	STATEWIDE	Statewide	OREC: Technical Support, TWO for COWI MTW..	106,900
				OREC: Technical Support, TWO for COWI Navig..	249,600
	Building Skills NY	STATEWIDE	Statewide	NYCH: Talent Ppln:CE and OJT, Career Pathwa..	618,424
	BVG Associates LLC	STATEWIDE	Statewide	REC4:CES REC4 Tech Support, IE T4	35,140
				REC:CES REC System Dev Costs, TWO 4 - RE..	45,180
	CDP North America Inc	STATEWIDE	Statewide	OTHER PROGRAM AREA, Innovation	50,000

**Projects Selected for Funding by Region**  
**Period 4/1/2021 through 9/30/2021**

REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Statewide	CEC Stuyvesant Cove, Inc.	STATEWIDE	Statewide	Clean Energy Communities, RFP4641 CECC Do..	1,530,002
				CLEANER GREENER COMMUNITIES, RFP464..	2,169,999
	Center for Community Transp..	STATEWIDE	Statewide	CLEAN TRANSPORTATION, Clean Transportati..	248,026
	Center for Sustainable Energy	STATEWIDE	Statewide	OTHER PROGRAM AREA, Centralized Services..	117,457
	Centerstate Corporation for	STATEWIDE	Statewide	Cleantech Incubator, PON3413 Clean Energy Inc..	380,000
	CEP NY Borrower 1 LLC, CE..	STATEWIDE	Statewide	NY Green Bank, Convergent Energy & Pow..	104,400,000
	City of Gloversville	STATEWIDE	Statewide	Clean Energy Communities, CEC600877-City of ..	100,000
	City of Utica	STATEWIDE	Statewide	Community RH&C, HeatSmart Utica LMI HP Stu..	100,000
				NYCH: LMI, HeatSmart Utica LMI HP Study	100,000
	CLEAResult Consulting, Inc.	STATEWIDE	Statewide	Community RH&C, Centralized Services & Supp..	24,499
				ESTOR: Implementation Support, Centralized Se..	39,600
	CMC Energy Services, Inc	STATEWIDE	Statewide	Electrification, RFP 4645 Bldg Env Roundtables	197,190
				NYCH: Supply Chain, RFP 4645 Bldg Env Roun..	98,595
	Coastal States Stewardship Foundation	STATEWIDE	Statewide	Environmental Research, RFQL 4550	60,000
				RFQL 4550	60,000
	Cohen Ventures Inc	STATEWIDE	Statewide	Product Standards, TWO2 Emissions Appliance ..	50,000
	Complex Inc	STATEWIDE	Statewide	76 West, 76West Clean Energy Business C	500,000
	Consortium for Energy Efficie..	STATEWIDE	Statewide	Prof & Expert Engagement, CEE Membership 20..	48,000
	Constellation Energy Nuclear ..	STATEWIDE	Statewide	ZEC:CES ZEC Payments, ZEC - Nuclear Facilities	882,542,754
	Cornell University	STATEWIDE	Statewide	Environmental Research, Cornell Climate Stewar..	50,000
	CSG PV 1 Seller, LLC (constr..	STATEWIDE	Statewide	NY Green Bank, Energy Impact Partners	14,900,000
	D.K. & S Enterprises Inc	STATEWIDE	Statewide	>200KW PV, 3 GW Solar	16,906
				REC:CES REC System Dev Costs, Barnscomb S..	14,917
				REC:CES REC System Dev Costs, Number 3 Wi..	21,662
	Darling Advertising Agency Inc.	STATEWIDE	Statewide	OREC: Technical Support, TWO 8 GLW Marketin..	25,000
	DealCloud Inc.	STATEWIDE	Statewide	NEW YORK GREEN BANK, DealCloud Licensing	11,385
	Deloitte Consulting LLP	STATEWIDE	Statewide	IEDR: Program Manager, IEDR Program Manag..	4,970,902
	DNV Energy Insights USA Inc.	STATEWIDE	Statewide	Air Source Heat Pumps, TWO 6 - Performance M..	122,468
				Campus/Technical Assistance, Concierge Servic..	3,783
				Clean Energy Communities, TWO 9 - CEC	235,543
				Combined Heat and Power, RFP 3643 Tech To ..	265,558
				Combined Heat and Power, TWO 1 On Site Res ..	318,205
				Commercial New Construc, New Construction	10,000
				Commercial New Construc, TWO 2 - New Constr..	485,722
				Commercial Real Estate Ten, TWO 5 CEF Com..	158,773
				Commercial Real Estate Ten, TWO 8 CEF Com..	175,150
				Electric Vehicles - Innovation, Concierge Servic..	23,884
				Eval MCDC New Const Commercial, TWO 2 - Ne..	350,000
				Eval MCDC New Const Multifamil, TWO 2 - New ..	250,000
				Eval MCDC New Const Residentia, TWO 2 - Ne..	250,000
				Eval MCDC: StatewideHP Tech.St, TWO 1 State..	1,782,015
				EVALUATION, TWO 1 - WFD BLDG/Talent	250,000
				EVALUATION, TWO 6 - Performance Monitoring	10,230
				Geothermal Incentive Program, TWO 6 - Perform..	209,795
				Industrial Process Effic, Concierge Services - ER..	23,272
				K-12 SCHOOLS, TWO 5 CEF Comm Impact_ERS	187
				Low Rise New Construction, TWO 2 - New Const..	335,722
				Multifam New Construction, TWO 2 - New Constr..	335,722
				Multifam Performance Pgm, Concierge Services ..	23,884
				NYCH: District, Concierge Services - ERS - TWO	100,000
	NYCH: Technical Assistance, Westchester Tech ..	193,906			
	On-Site Energy Manager, Concierge Services - E..	23,709			



**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Statewide	DNV Energy Insights USA Inc.	STATEWIDE	Statewide	Pay for Performance, TWO 4 - P4P Event Evalua..	208,966
				Real Time Enrgy Management, Concierge Servic..	47,836
				Real Time Enrgy Management, TWO 5 CEF Co..	250,515
				Real Time Enrgy Management, TWO 8 CEF Co..	38,304
				REV Campus Challenge, Efficiency Planning & E..	196,618
				REV Campus Challenge, TWO 5 CEF Comm Im..	104,821
				Rmve Barriers Dist Enrgy Storg, FT Energy Stora..	25,000
				Rmve Barriers Dist Enrgy Storg, RFP 3407 Cate..	599,473
				Talent Pipeline:CE and OJT, TWO 1 - WFD BLD..	357,487
				Technical Services, Cannabis - TWO - ERS	27,828
				Technical Services, Concierge Services - ERS - ..	47,836
				Technical Services, Efficiency Planning & Engine..	63,732
				Technical Services, Westchester Tech Services	169,493
				Workforce Industry Partnership, TWO 1 - WFD B..	494,134
				Dunsky Energy Consulting	STATEWIDE
Dynamo Energy Hub	STATEWIDE	Statewide	Cleantech ICC Engage, Dynamo	49,000	
Eastern Research Group, Inc.	STATEWIDE	Statewide	ENERGY ANALYSIS, TWO #1 CLCPA GHG	74,998	
			EVPRZ:Implementation, Clean Transportation	746,985	
EC Infosystems, Inc.	STATEWIDE	Statewide	EDI Vendor, EC Infosys - EDI Processing	46,000	
Ecosystem Energy Services USA Inc.	STATEWIDE	Statewide	Empire Building Challenge, EBC Tech Advisory - ..	25,000	
			NYCH: Empire Build Challenge, EBC Tech Advis..	25,000	
Eden Devco Borrower, LLC	STATEWIDE	Statewide	NY Green Bank, EdenDevco Upsize 4	1,500,000	
Efficiency Forward, Inc.	STATEWIDE	Statewide	Prof & Expert Engagement, DesignLights Consor..	10,000	
Electric Power Research Instit..	STATEWIDE	Statewide	High Performing Grid, Coordinating Trans & Distr..	400,000	
Elisa Miller-Out	STATEWIDE	Statewide	Innovation Advisors, RFP 3859	150,000	
Ember Strategies, LLC	STATEWIDE	Statewide	Empire Building Challenge, EBC Strategic	25,000	
			NYCH: Empire Build Challenge, EBC Strategic	25,000	
EME Consulting Engineering ..	STATEWIDE	Statewide	Technical Services, EPE Team Analysis - EME T..	50,000	
Empire State Realty Trust, Inc.	STATEWIDE	Statewide	Empire Building Challenge, EBC-Phase I-ESRT	125,000	
			NYCH: Empire Build Challenge, EBC-Phase I-ES..	125,000	
Energy & Resource Solutions, Inc.	STATEWIDE	Statewide	Combined Heat and Power, TWO 1 On Site Res ..	180,000	
			Commercial New Construc, TWO 2 - New Constr..	485,722	
			Eval MCDC New Const Commercial, TWO 2 - Ne..	350,000	
			Eval MCDC New Const Multifamil, TWO 2 - New ..	250,000	
			Eval MCDC New Const Residentia, TWO 2 - Ne..	250,000	
			Low Rise New Construction, TWO 2 - New Const..	335,722	
			Multifam New Construction, TWO 2 - New Constr..	335,722	
			Real Time Enrgy Management, TWO 5 CEF Co..	170,595	
Energy and Environmental Economics Inc.	STATEWIDE	Statewide	ENERGY ANALYSIS, TWO #28 BEEM Tool & S..	325,000	
			ENERGY ANALYSIS, TWO#23 CLCPA Techno..	197,995	
			ENVIRONMENTAL RESEARCH, TWO#23 CLC..	190,933	
			New Construction Housing, TWO 20 NZE Road ..	25,000	
			New Construction- Commercial, TWO 20 NZE R..	25,000	
			NYCH: Roadmap, TWO#22 Bldg. Elec. Roadmap	150,000	
			Product Standards, TWO #28 BEEM Tool & Sce..	100,000	
Ensave, Inc.	STATEWIDE	Statewide	Technical Services, CEA Db&Benchmark Tool Cr..	29,388	
Exelon Generation Company, ..	STATEWIDE	Statewide	ZEC:CES ZEC Payments, ZEC Nuclear Facilities	298,402,926	
Faraday, Inc.	STATEWIDE	Statewide	Community RH&C, RFP3761 Customer Targetin..	120,000	
			NYCH: Comfort Home, RFP3761 Customer Targ..	15,000	
			NYCH: Supply Chain, RFP3761 Customer Target..	15,000	
Feedback Solutions Inc.	STATEWIDE	Statewide	NYCH: Innovation, Real-Time Occupancy based	45,000	
First Colonie Company	STATEWIDE	Statewide	Strategic Energy Manager, SEM Cohort Meeting ..	6,500	

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Statewide	GDS Associates, Inc.	STATEWIDE	Statewide	Technical Services, Agricultural Best Practices	5,000
	General Electric Co. Global Research	STATEWIDE	Statewide	Nat'l OffShWind R&D Consortium, Natl Offshore .. Natl Offshore Wind R&D	548,078 548,078
	General Electric International, ..	STATEWIDE	Statewide	High Performing Grid, Grid Performance Gaps	745,000
	Generate-CDG Fuel Cell I MM..	STATEWIDE	Statewide	NY Green Bank, Edgewise Energy	82,700,000
	GPH Shelter Manager LLC &a..	STATEWIDE	Statewide	NY Green Bank, NYCEEC Predevelopment Parti..	2,500,000
	Green Light New York, Inc.	STATEWIDE	Statewide	New Construction Housing, Gallery talks/Outreac.. New Construction- Commercial, Gallery talks/Out.. Prof & Expert Engagement, 2021 BEEEx Member..	40,000 10,000 50,000
	GridEdge Networks, Inc.	STATEWIDE	Statewide	High Performing Grid, Power Grid Innovation	595,324
	Guidehouse Inc.	STATEWIDE	Statewide	ENVIRONMENTAL RESEARCH, TWO #3 HFC .. NEW YORK GREEN BANK, TWO #1 - Price For.. NYCH: LMI, TWO 5	15,000 200,000 217,400
	Harris Wiltshire & Grannis LLP	STATEWIDE	Statewide	NY-SUN, CES 2.0 Support	100,000
	Hatch Associates Consultants..	STATEWIDE	Statewide	OREC: Technical Support, OSW Mesh Grid Tech..	45,000
	Hawthorn Solar, LLC	STATEWIDE	Statewide	REC:CES REC Contracts, RESRFP20-1	11,769,381
	HC Fennell Consulting, LLC	STATEWIDE	Statewide	Consumer Ed and Market Support, Henri Fennell..	50,000
	Henningson, Durham & Richa..	STATEWIDE	Statewide	OREC: Technical Support, RFQL 3685 Umbrella ..	298,619
	Heritage Holdings, LLC	STATEWIDE	Statewide	Empire Building Challenge, ECB-Phase I-L+M NYCH: Empire Build Challenge, ECB-Phase I-L+..	125,000 125,000
	Hester Street Collaborative, In..	STATEWIDE	Statewide	Equitable Engagement, Equitable Stakeholder E..	990,000
	Holland & Knight LLP	STATEWIDE	Statewide	NEW YORK GREEN BANK, RFP 12 - NYGB Leg.. NYSERDA ADMINISTRATION, RFP 12 - NYGB ..	7,893 500
	Honeywell International Inc.	STATEWIDE	Statewide	3695 TWO Umbrella Agreement EMPOWER NY, 3695 TWO Umbrella Agreement Home Perf w Energy Star, 3695 TWO Umbrella ..	130,000 74,890 1,105,110
	Hudson Valley Community College	STATEWIDE	Statewide	NYCH: Talent Ppln:CE and OJT, PON3981 Roun.. Talent Pipeline:OSW Training, OWTI Workforce ..	537,750 269,995
	ICF Resources, LLC	STATEWIDE	Statewide	CLEAN TRANSPORTATION, TWO # 10 ENERGY ANALYSIS, TWO #4 - Statewide NG S.. ENVIRONMENTAL RESEARCH, TWO#9 NYS E.. Eval MCDC:I&R Macroeconomic St, Tech Assist,..	660,114 64,960 44,671 85,000
	IHS Global Inc.	STATEWIDE	Statewide	ENERGY ANALYSIS, 2021-22 OPIS Alerts&New..	6,708
	Illume Advising LLC	STATEWIDE	Statewide	EVAL MCDC: DAC Barriers/Opport, TWO No 1 - .. EVAL MCDC:SQA LMI Behav. Study, LMI Qualit..	280,661 9,980
	Industrial Economics, Incorporated	STATEWIDE	Statewide	ENERGY ANALYSIS, TWO 1 EE Supply Curve .. Environmental Research, TWO#4 Climate Econ. .. Mkt Char: Tech Assist, TWO 3 Utility Outages Ph.. OTHER PROGRAM AREA, Market Evaluation D.. Product Standards, TWO 1 EE Supply Curve An..	70,000 750,000 75,000 5,105 20,000
	Infinite Invention	STATEWIDE	Statewide	High Performing Grid, Meter Adapt for Energy St..	1,479,790
	Institute for Building Technology and Sa	STATEWIDE	Statewide	>200KW PV, TWO 3 CAT 1 NY-Sun Large C&I CI Engy Siting & Soft Cost Red, TWO 5 under U.. NY-SUN, TWO 4 NYSUN Res NonRes	331,800 50,000 684,584
	Intralinks, Inc.	STATEWIDE	Statewide	NEW YORK GREEN BANK, VDR Services	1,397
	Inventive Intellect, LLC	STATEWIDE	Statewide	Informat. Products & Brokering, PropTech 2021	10,000
	Jaros, Baum & Bolles	STATEWIDE	Statewide	Market Tests, Market Insights	1,085,441
	Joseph Technology Corporati..	STATEWIDE	Statewide	NYCH: District, PON4614 Round #1 Guidebook	250,000
	Kearns & West, Inc.	STATEWIDE	Statewide	Consumer Ed and Market Support, TWO 1 - RM.. Energy Storage Tech/Prod Dev, TWO 7 - H2 pub.. REC4:CES REC4 Tech Support, TWO 5 - T4_E.. REC4:CES REC4 Tech Support, TWO 6 - T4_Fa..	128,540 49,965 39,836 39,836

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount			
Statewide	Kelliher Samets Volk	STATEWIDE	Statewide	BR: Program Implementation, TWO 43 Build Rea..	200,000			
				Consumer Ed and Market Support, KSV TWO 38..	66,667			
				KSV TWO 41 Loan Loss Reserve	8,415			
				KSV TWO 42 IPNA Bridge Loan	8,925			
				LMI Marketing, KSV TWO 32 LMI Website Hub	450,900			
				NYCH: Critical Tools, KSV TWO 38 Heat Pump ..	66,667			
				NYCH: District, TWO40:Community Heat Pumps ..	65,000			
				NYCH: LMI, KSV TWO 38 Heat Pump Planner	66,667			
				NYSERDA ADMINISTRATION, KSV TWO 36 W..	122,850			
				Pay for Performance, KSVTWO39: Business Ene..	42,400			
				Retrofit NY, Marketing Support for NYSERDA	50,000			
				L&S Energy Services, Inc.	STATEWIDE	Statewide	Renewable Heat NY, Long Lake Boiler Inspections	9,830
				LaBella Associates, P.C.	STATEWIDE	Statewide	BR: Prospecting, Site Prospecting Services	1,260,000
Launch New York, Inc.	STATEWIDE	Statewide	Cleantech Incubator, Launch NY ECO Incubator	800,000				
Levitan & Associates, Inc.	STATEWIDE	Statewide	CI Engy Siting & Soft Cost Red, TWO 2 CES Soli..	425,000				
LineVision, Inc.	STATEWIDE	Statewide	High Performing Grid, Power Grid Innovation	376,384				
LoanStreet Inc.	STATEWIDE	Statewide	GJGNY REVOLVING LOAN FUND, Participation..	1,000,000				
Long Island High Technology I..	STATEWIDE	Statewide	Cleantech Incubator, PON3413 Clean Energy Inc..	380,000				
Long Island Power Authority	STATEWIDE	Statewide	NY-SUN, LIPA MOU RGGI Compliance Progr	20,000,000				
Luminate, LLC	STATEWIDE	Statewide	Outside Technical and Eng. Srv	2,559				
Luthin Associates, Inc.	STATEWIDE	Statewide	Informat. Products & Brokering, Market Engagem..	100,000				
			Real Time Enrgy Management, Market Engagem..	100,000				
M.J. Beck Consulting LLC	STATEWIDE	Statewide	REC4:CES REC4 Tech Support, IE T4	31,500				
			REC:CES REC System Dev Costs, TWO 4 - RE..	40,500				
Metro IAF	STATEWIDE	Statewide	Market Tests, IMS Metro IAF TWO - Anchor Ins	3,500,000				
			NYCH: Technical Assistance, IMS Metro IAF TW..	500,000				
Michaels Energy, Inc.	STATEWIDE	Statewide	Evaluation External, TWO 2 - Impact Eval PM As..	538,200				
National Home Performance ..	STATEWIDE	Statewide	Consumer Ed and Market Support, 2022 Home P..	50,000				
National Renewable Energy Laboratory	STATEWIDE	Statewide	Nat'l OffShWind R&D Consortium, Natl Offshore ..	500,000				
			Nat'l Offshore Wind R&D	500,000				
National Wind Technology Consortium, Inc	STATEWIDE	Statewide	Nat'l OffShWind R&D Consortium, NOWRDC-10..	400,000				
			Nat'l OffShWind R&D Consortium, NOWRDC-10..	150,000				
			Nat'l OffShWind R&D Consortium, NOWRDC-10..	150,000				
			Nat'l OffShWind R&D Consortium, NOWRDC-10..	120,123				
			Nat'l OffShWind R&D Consortium, NOWRDC-10..	150,000				
			Nat'l OffShWind R&D Consortium, NOWRDC-11..	399,689				
			Nat'l OffShWind R&D Consortium, NOWRDC-11..	147,188				
			Nat'l OffShWind R&D Consortium, NOWRDC-11..	354,729				
			Nat'l OffShWind R&D Consortium, NOWRDC-11..	414,959				
			Nat'l OffShWind R&D Consortium, NOWRDC-12..	149,926				
			NOWRDC-103-Crowley	400,000				
			NOWRDC-104-Exmar	150,000				
			NOWRDC-106-TexasA&M	150,000				
			NOWRDC-107-MARIN	120,123				
NOWRDC-109-GE Research	150,000							
NOWRDC-110-Tufts	399,689							
NOWRDC-111-CODAR	147,188							
NOWRDC-115-ThayerMahan	354,729							
NOWRDC-118-PCCI	414,959							
NOWRDC-120-Deep Reach Tech	149,926							
NECEC Institute	STATEWIDE	Statewide	Cleantech ICC Engage, 2021 NECEC Sponsorsh..	255,000				
NESCAUM	STATEWIDE	Statewide	Electric Vehicles - Innovation, EV Marketing Cam..	275,000				

**Projects Selected for Funding by Region**  
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REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Statewide	NESCAUM	STATEWIDE	Statewide	ENVIRONMENTAL RESEARCH, TWO #7 Comp..	220,000
				Prof & Expert Engagement, 2021 ZEV MOU dues	75,000
	NESEA	STATEWIDE	Statewide	New Construction Housing, BENYC 2021	15,600
				New Construction- Commercial, BENYC 2021	10,400
	New Buildings Institute, Inc.	STATEWIDE	Statewide	Buildings of Excellence, BoE Rnd.1 Perform. Vali..	244,193
				Code to Zero, TWO # 4	41,243
				New Construction Housing, SchlrshipPrgm-2021 ..	30,000
				New Construction- Commercial, SchlrshipPrgm-2..	20,000
	New York City Energy Efficien..	STATEWIDE	Statewide	NYCEEC Predevelopment Lending	1,800,000
	New York Independent Systems Operator	STATEWIDE	Statewide	REC4:CES REC4 Tech Support, TIER 4 TECHN..	150,000
				REC:CES REC System Dev Costs, TIER 1 TEC..	150,000
	New York State Ag & Markets	STATEWIDE	Statewide	NYSERDA ADMINISTRATION, 2021 NYS Fair	7,753
	New York University	STATEWIDE	Statewide	Cleantech Incubator, PON3413 Clean Energy Inc..	380,000
				Net Zero Energy for Eco Dev, Net Zero Economi..	2,000,000
	Newport Ventures, Inc.	STATEWIDE	Statewide	Code to Zero, TWO #4	174,873
	NIC Holding Corp	STATEWIDE	Statewide	FUEL NY, NYS Strategic Gasoline Reserve	512,000
	NMR Group, Inc.	STATEWIDE	Statewide	EVALUATION, RFQ 3183 NMR Group, Inc.	32,299
				Home Perf w Energy Star, RFQ 3183 NMR Grou..	75,363
	Noresco LLC	STATEWIDE	Statewide	Technical Services, IAQ - Tech Review - NORES..	33,600
	Northeast Energy Efficiency Partnerships	STATEWIDE	Statewide	NYCH: Critical Tools, NEEP Sizing Visualization ..	50,000
				NYCH: Technical Assistance, Single Family Resi..	181,668
	Norton Rose Fulbright US LLP	STATEWIDE	Statewide	NEW YORK GREEN BANK, RFP 12: NYGB Leg..	18,836
	Nuvve Corporation	STATEWIDE	Statewide	Electric Vehicles - Innovation, PON 3578 R1 CAT4	482,943
	NY CS Lessor III Owner, LLC	STATEWIDE	Statewide	NY Green Bank, Generate CDG (Borrower 3)	57,000,000
	Ocean Tech Services LLC	STATEWIDE	Statewide	OREC: Technical Support, RFP 3855 Metocean ..	1,314,920
	Omni New York LLC	STATEWIDE	Statewide	Empire Building Challenge, EBC-Phase I-Omni	125,000
				NYCH: Empire Build Challenge, EBC-Phase I-O..	125,000
	Opinion Dynamics Corporation	STATEWIDE	Statewide	Clean Energy Communities, RFQ3183 Umbrella ..	690,638
	Otsego County Conservation Association	STATEWIDE	Statewide	Community RH&C, CH&C Communities Round 3	55,848
				Community RH&C, PON3723 RH&C Campaigns	50,000
				NYCH: LMI, CH&C Communities Round 3	55,848
	Ove Arup & Partners Consulting Engineers	STATEWIDE	Statewide	Empire Building Challenge, TWO 3 SDA tool, par..	25,000
				NYCH: Empire Build Challenge, TWO 3 SDA tool..	25,000
				Product Standards, TWO #2_ARUP	15,000
	Owahgena Consulting, Inc.	STATEWIDE	Statewide	Air Source Heat Pumps, Heat Pump Technical A..	50,000
				Campus/Technical Assistance, Heat Pump Tech..	50,000
				ENERGY ANALYSIS, BEEM Technical Analysis	50,000
	Passive House Accelerator LLC	STATEWIDE	Statewide	New Construction Housing, Gen. Marketing & Ou..	40,000
				New Construction Housing, Strategic Industry Pa..	40,000
				New Construction- Commercial, Gen. Marketing ..	10,000
				New Construction- Commercial, Strategic Industr..	10,000
	Passive House Alliance US - Hudson Valle	STATEWIDE	Statewide	New Construction Housing, Gen. Marketing & Ou..	40,000
				New Construction- Commercial, Gen. Marketing ..	10,000
	Pecan Street Inc.	STATEWIDE	Statewide	IEDR: Program Manager, IEDR Utility Data Advis..	400,000
	Performance Systems Development, Inc.	STATEWIDE	Statewide	NYCH: Comfort Home, TWO 3 - HPR OpenStudi..	273,907
				NYCH: Critical Tools, TWO 3 - HPR OpenStudio/..	73,868
	Power Advisory LLC	STATEWIDE	Statewide	REC4:CES REC4 Tech Support, IE T4	44,800
	Praveen Amar	STATEWIDE	Statewide	Environmental Research, Science Advisors	48,000
	Principle Power Inc	STATEWIDE	Statewide	Nat'l OffShWind R&D Consortium, Natl Offshore ..	725,617
				Natl Offshore Wind R&D	725,617
	Prospekt West LLC	STATEWIDE	Statewide	NEW YORK GREEN BANK, Konstantin Driker	186,956
	Quanta Technology LLC	STATEWIDE	Statewide	High Performing Grid, Grid Performance Gaps	687,000

**Projects Selected for Funding by Region**  
**Period 4/1/2021 through 9/30/2021**

REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Statewide	Quanta Technology LLC	STATEWIDE	Statewide	High Performing Grid, Power Grid Innovation	400,000
	Radiant Labs, LLC	STATEWIDE	Statewide	NYCH: Technical Assistance, Radiant Labs Road..	198,500
	Rensselaer Polytechnic Institu..	STATEWIDE	Statewide	Environmental Research, A survey of Climate Ch..	47,789
	Reos US Inc.	STATEWIDE	Statewide	Empire Building Challenge, EBC - Partner Cohort..	125,000
				NYCH: Empire Build Challenge, EBC - Partner C..	125,000
	Research Foundation of CUNY	STATEWIDE	Statewide	Rmve Barriers Dist Enrgy Storg, RFP 3407 TWO 3	325,537
	Research Foundation of SUNY	STATEWIDE	Statewide	Environmental Research, Graduate Fellowship - ..	45,000
				Environmental Research, IDEA-NYS air quality fo..	129,174
	Resource Innovation Institute	STATEWIDE	Statewide	Advancing Ag Enrgy Technologie, RII Membership	5,000
	Resource Refocus LLC	STATEWIDE	Statewide	Buildings of Excellence, Task Work Order No. 3	426,455
	Resources for the Future Inc	STATEWIDE	Statewide	ENERGY ANALYSIS, TWO #3 Carbon Pricing R..	99,988
				ENVIRONMENTAL RESEARCH, TWO #3 Carbo..	99,988
	RFP Enterprises LLC	STATEWIDE	Statewide	Innovation Advisors, Innovation Advisory Service..	175,000
	Robert K. Harmon & Compan..	STATEWIDE	Statewide	Pay for Performance, MEETS - Robert K. Harmo..	150,000
	Rochester Institute of Technology	STATEWIDE	Statewide	Cleantech Incubator, PON3413 Clean Energy Inc..	380,000
				M-Corps, ERP	49,625
	Rocky Mountain Institute	STATEWIDE	Statewide	Empire Building Challenge, Empire Bldg. Challen..	48,872
				New Construction Housing, 140390 TWO#1	283,333
				New Construction Housing, TWO 5-Short -term T..	50,000
				New Construction- Commercial, 140390 TWO#1	141,667
				NYCH: Empire Build Challenge, Empire Bldg. Ch..	48,872
	Royal Realty Corp.	STATEWIDE	Statewide	Empire Building Challenge, EBC-Royal Realty C..	125,000
				NYCH: Empire Build Challenge, EBC-Royal Real..	125,000
	SAW Associates LLC	STATEWIDE	Statewide	High Performing Grid, Integrated Energy Data Re..	104,726
	SBW Consulting	STATEWIDE	Statewide	Air Source Heat Pumps, Heat Pump Impact Eval..	26,748
				EVALUATION, Heat Pump Impact Evaluation	2,971
	Sen Engineering Solutions Inc	STATEWIDE	Statewide	High Performing Grid, Power Grid Innovation	500,048
	Shinrin Yoku, LLC	STATEWIDE	Statewide	NY Green Bank, Wildflower Farms	25,000,000
	Siemens Industry, Inc.	STATEWIDE	Statewide	ENERGY ANALYSIS, TWO#3 ZERO EMISSION..	200,000
				OREC: Technical Support, TWO 2 Econ Study of..	50,000
	Sif Capital Advisors LLC	STATEWIDE	Statewide	Innovation Advisors, Innovation Advisory Services	175,000
	Site Capture LLC	STATEWIDE	Statewide	Combined Heat and Power, Field inspection date..	4,800
				Low Carbon Tech Demos, Field inspection date c..	6,800
				Multifam Performance Pgm, Field inspection date..	7,200
				NYCH: Comfort Home, Field inspection date capt..	1,200
	Sive Paget & Riesel PC	STATEWIDE	Statewide	BR: Program Implementation, BR Outside Couns..	250,000
				NEW YORK GREEN BANK, RFP 12: NYGB Leg..	31,785
				REC4:CES REC4 Tech Support, Tier 4 Outside ..	100,000
	Smart Wires Inc.	STATEWIDE	Statewide	High Performing Grid, Power Grid Innovation	399,999
	Social Finance Inc.	STATEWIDE	Statewide	NYCH: Talent Ppln:CE and OJT, Social Finance ..	439,652
	Solar Tompkins Inc.	STATEWIDE	Statewide	Community RH&C, CH&C Communities Round 3	20,031
	Spencer Van Etten Central Sc..	STATEWIDE	Statewide	K-12 SCHOOLS, P12GC-53E - Spencer Van - P..	52,000
	Stacks and Joules Inc.	STATEWIDE	Statewide	NYCH: Talent Ppln:CE and OJT, Career Pathwa..	540,485
	Stash Energy Inc	STATEWIDE	Statewide	NYCH: Innovation, Mini-split heat pumps w/storag	455,000
	State University of New York	STATEWIDE	Statewide	Energy Storage Tech/Prod Dev, Renewable Opti..	50,000
	Steven Winter Associates, Inc.	STATEWIDE	Statewide	Empire Building Challenge, EBC TA - SWA	125,000
				NYCH: Empire Build Challenge, EBC TA - SWA	125,000
				NYCH: Innovation, PON3519 Round 1	42,931
				NYCH: Supply Chain, ASHP SupplyChain Devel..	47,865
				REV Connect, IMS SWA - Scalable Afford	1,500,000
	Sunamp Projects, Inc	STATEWIDE	Statewide	NYCH: Innovation, Demo Tech Trans High Dens ..	668,214
	Sustainable Westchester	STATEWIDE	Statewide	Code to Zero, Westchester NYStretch Outreach	50,000

**Projects Selected for Funding by Region**  
**Period 4/1/2021 through 9/30/2021**

REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Statewide	Switched Source LLC	STATEWIDE	Statewide	High Performing Grid, Transient Studies	246,000
	Taitem Engineering, P.C.	STATEWIDE	Statewide	Low Carbon Tech Demos, 3695 TWO Umbrella ..	101,800
				NYCHA Heat Pump Spec & Mkt Res	50,000
	Taylor Group LTD	STATEWIDE	Statewide	NYSERDA ADMINISTRATION, Display productio..	25,000
	The Cadmus Group, LLC	STATEWIDE	Statewide	CLEAN TRANSPORTATION, TWO 5 Clean Tran..	138,979
				Code to Zero, RFQ3183 Umbrella Agreement	578,903
				Community RH&C, RFP3751 Clean Heating & C..	546,000
				Eval MDCDC: MF Potential Study, TWO #8 EE Pot..	40,000
				Informat. Products & Brokering, Atlas Buildings H..	50,000
				K-12 SCHOOLS, P-12 Schools Outreach - Cadm..	75,000
				Prof & Expert Engagement, American Green Ban..	10,000
	The GreyEdge Group, LLC	STATEWIDE	Statewide	Empire Building Challenge, EBC - Tech Services ..	11,250
				NYCH: Empire Build Challenge, EBC - Tech Serv..	11,250
	The Levy Partnership, Inc.	STATEWIDE	Statewide	NextGen HVAC, Through-Wall Mini-Split Demo	306,521
				NYCH: Innovation, Electrifying Hydronic Building	250,000
	The News Funnel, LLC	STATEWIDE	Statewide	RTEM and Tenants, CREtech 2021	10,000
	The Research Foundation for the State	STATEWIDE	Statewide	Environmental Research, Low-Cost AQ Sensors	58,583
				Environmental Research, Mobile Laboratory Mea..	149,496
				New Construction Housing, 2021 Green Building..	4,000
				New Construction- Commercial, 2021 Green Buil..	2,000
	The Research Foundation of SUNY at Bing	STATEWIDE	Statewide	Cleantech Incubator, PON3413 Clean Energy Inc..	380,000
				High Performing Grid, Stability Impact Analysis	400,000
	The Standard Hydrogen Corp..	STATEWIDE	Statewide	High Performing Grid, Economical Long-Duration	400,000
	The Trustees of Columbia Uni..	STATEWIDE	Statewide	Cleantech EIR, PON 3819	2,500,000
	ThermoAI INC	STATEWIDE	Statewide	76 West, 76West Clean Energy Business C	1,000,000
	TRC Energy Services	STATEWIDE	Statewide	NYCH: Talent Ppln:CE and OJT, Technical Revie..	300,000
				NYCH: Talent Ppln:CE and OJT, TWO #4 SIPPR..	200,000
				Talent Pipeline:CE and OJT, Technical Review a..	275,000
				Talent Pipeline:CE and OJT, TWO #4 SIPPR I..	200,000
				Talent Pipeline:Internship Pgm, Technical Revie..	250,000
				Talent Pipeline:OSW Training, Technical Review ..	275,000
				Workforce Industry Partnership, Technical Revie..	480,000
	Trinity Hudson Holdings, LLC	STATEWIDE	Statewide	Empire Building Challenge, EBC-Phase I-Hines	125,000
				NYCH: Empire Build Challenge, EBC-Phase I-Hi..	125,000
	Unique Electric Solutions of N..	STATEWIDE	Statewide	Pub Transit & Elect Rail, X-ray fast cure composit..	80,000
University at Albany	STATEWIDE	Statewide	Environmental Research, AQHE PON 3921	113,393	
University of Rochester	STATEWIDE	Statewide	Environmental Research, AQHE PON 3921	130,575	
			OTHER PROGRAM AREA, Annual Support for L..	825,000	
Uplight, Inc.	STATEWIDE	Statewide	GJGNY Market Rate Audits, Residential Program..	132,600	
Urban Cycling Solutions, inc.	STATEWIDE	Statewide	Pub Transit & Elect Rail, Clean Transportation	167,875	
VENTITRENTA LLC	STATEWIDE	Statewide	Novel Bus Models & Offers, Finance Consultant	500,000	
Virginia Polytechnic Institute and State	STATEWIDE	Statewide	Nat'l OffShWind R&D Consortium, Natl Offshore ..	156,155	
			Natl Offshore Wind R&D	156,155	
W & E Phillips Locksmith, Inc	STATEWIDE	Statewide	NYSERDA ADMINISTRATION, Facilities Manag..	7,000	
Willdan Energy Solutions	STATEWIDE	Statewide	Clean Energy Communities, RFP 4478	350,000	
Wood Mackenzie Power & Renewables, Inc.	STATEWIDE	Statewide	OREC: Technical Support, NA Power & Renewa..	26,500	
			REC:CES REC System Dev Costs, NA Power & ..	26,500	
WSP USA Corp.	STATEWIDE	Statewide	OREC: Technical Support, TWO#1- Offshore Wi..	691,100	
<b>Total</b>				<b>1,624,127,250</b>	
Western New York	3M Company	Erie	National Grid	On-Site Energy Manager, OsEM46-I - 3M Tonaw..	12,792
	Alfred University	Allegany	NYS Electric and Gas	Commercial New Construc, 2019 CNCP	5,696
	Bridges Development, Inc.	Erie	National Grid	Low Rise New Construction, 2019 LRNCP	114,800

**Projects Selected for Funding by Region**  
**Period 4/1/2021 through 9/30/2021**

REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Western New York	Broadway CDG Solar LLC	Erie	NYS Electric and Gas	>200KW PV, NY Sun	2,100,000
				NY-SUN, NY Sun	1,200,000
	Buffalo Solar Solutions Inc	Allegany	National Grid	<200KW PV, PON 2112 NY SUN	5,719
				Rochester Gas and El..	<200KW PV, PON 2112 NY SUN
		Cattaraugus	National Grid	<200KW PV, PON 2112 NY SUN	19,650
		Chautauqua	National Grid	<200KW PV, PON 2112 NY SUN	32,855
		Erie	Municipal Utilities	<200KW PV, PON 2112 NY SUN	9,660
			National Grid	<200KW PV, PON 2112 NY SUN	273,042
			NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	40,408
		Niagara	National Grid	<200KW PV, PON 2112 NY SUN	8,750
	National Grid		<200KW PV, PON 2112 NY SUN	14,301	
	C.J. Brown Energy, P.C.	Cattaraugus	National Grid	Technical Services, AEAP#1319 - Durow Farms	5,997
		Erie	National Grid	Technical Services, AEAP	5,997
				Technical Services, FT13310 - 395 Tonawanda - ..	7,649
				Technical Services, FT13311 - 840 Tonawanda - ..	7,765
				Technical Services, FT13313 - 16 Alpine - FTC	7,217
		Niagara	National Grid	Technical Services, FT13508 - Town of Evans - ..	15,642
	Niagara	National Grid	Technical Services, FT13312 - 525 Oliver - FTC	7,649	
	C&R Housing Inc.	Erie	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	35,440
	CHA Consulting Inc.	Niagara	National Grid	Technical Services, FT13527 - 2400 Buffalo - FTC	5,901
				Technical Services, FT13773 - 2400 Buffalo - FTC	19,027
	CIR ELECTRICAL CONSTRUCTION CORP.	Cattaraugus	National Grid	<200KW PV, PON 2112 NY SUN	5,206
		Erie	National Grid	<200KW PV, PON 2112 NY SUN	6,174
			NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	14,105
		Niagara	National Grid	<200KW PV, PON 2112 NY SUN	33,079
	Community Power Group, LLC	Allegany	NYS Electric and Gas	>200KW PV, NY Sun	797,491
	Conway Beam Truck Group	Erie	NYS Electric and Gas	CLEAN TRANSPORTATION, NYTVIP - LaPrairie..	30,258
	David Homes, Inc.	Erie	NYS Electric and Gas	New Construction Housing, NCP Housing	15,000
	Day Automation Systems, Inc.	Allegany	NYS Electric and Gas	Real Time Enrgy Management, Day-6795 NY-21-..	137,844
	Enercon Services Inc	Cattaraugus	National Grid	WEST VALLEY DEVELOPMENT PROGRAM, R..	30,000
	Energy Saving Solutions, LLC	Niagara	National Grid	Renewable Heat NY, Energy Saving Solutions- S..	12,000
	Erie Wind LLC	Erie	National Grid	LARGE SCALE RENEWABLES, Steel Winds II (..	1,486,780
	Forbes-Capretto Homes	Niagara	National Grid	Single Family New Construction, NCP Housing	22,200
	GI Endurant LLC	Erie	National Grid	NYCH: District, PON 4614 Round #1	86,330
	Greenologists	Erie	National Grid	Multifam Performance Pgm, Multifamily	50,600
	GZA GeoEnvironmental of Ne..	Cattaraugus	National Grid	WEST VALLEY DEVELOPMENT PROGRAM, Tr..	67,650
	Jordan Energy and Food Ente..	Erie	National Grid	<200KW PV, PON 2112 NY SUN	11,820
	Joseph R Chimera	Cattaraugus	National Grid	WEST VALLEY DEVELOPMENT PROGRAM, O..	756,659
	KRN CG LLC	Erie	National Grid	Tech Assistanc Multifamily LMI, FT13515 - Count..	10,000
	LaBella Associates, P.C.	Erie	National Grid	Rmve Barriers Dist Enrgy Storg, FT13467 - 95 P..	60,000
	Matt Urban Hope House LLC	Erie	National Grid	New Construction Housing, 2020 LRNCP	27,000
	McMahon and Mann Consulting Engineers	Cattaraugus	National Grid	WEST VALLEY DEVELOPMENT PROGRAM, T..	98,218
				WEST VALLEY DEVELOPMENT PROGRAM, T..	100,000
MVAH Partners LLC	Erie	National Grid	New Construction Housing, NCP Housing	450,000	
			Single Family New Construction, NCP Housing	24,500	
National Solar Technologies	Erie	National Grid	<200KW PV, PON 2112 NY SUN	101,602	
NYSDEC	Cattaraugus	National Grid	WEST VALLEY DEVELOPMENT PROGRAM, W..	450,000	
Olin Corporation	Niagara	National Grid	On-Site Energy Manager, OsEM76-I - Olin Corpo..	199,972	
Omni Cuba Solar, LLC	Allegany	National Grid	>200KW PV, NY Sun	823,680	
Omni Otto A Solar, LLC	Cattaraugus	National Grid	>200KW PV, NY Sun	823,680	
Omni Otto B Solar, LLC	Cattaraugus	National Grid	>200KW PV, NY Sun	823,680	
Omni Otto C Solar, LLC	Cattaraugus	National Grid	>200KW PV, NY Sun	823,680	

**Projects Selected for Funding by Region**  
**Period 4/1/2021 through 9/30/2021**

REDC Region	Contractor	County	Electric Utility	Contract Description	Total Funded Amount
Western New York	Otto CSG I, LLC	Cattaraugus	National Grid	>200KW PV, NY Sun	910,003
				NY-SUN, NY Sun	1,120,003
	Pendleton Solar 2, LLC	Niagara	National Grid	>200KW PV, NY Sun	662,965
				NY-SUN, NY Sun	795,558
	People United for Sustainable ..	Erie	National Grid	Single Family New Construction, NCP Housing	71,000
	Peter L. Krog	Cattaraugus	National Grid	WEST VALLEY DEVELOPMENT PROGRAM, A..	521,898
	Porter Avenue Acquisitions, LP	Erie	National Grid	Multifam Performance Pgm, Multifamily	437,500
				NYCH: LMI, Clean Heating & Cooling	800,000
	Rak 1 Solar LLC	Chautauqua	National Grid	>200KW PV, NY Sun	714,820
	Rak 2 Solar LLC	Chautauqua	National Grid	>200KW PV, NY Sun	500,504
	ReneSola Power Holdings, LLC	Allegany	National Grid	>200KW PV, NY Sun	219,120
	SANFILIPPO SOLUTIONS IN..	Chautauqua	Municipal Utilities	Talent Pipeline:CE and OJT, OJT HIRE	8,640
	Siemens Industry, Inc.	Chautauqua	National Grid	Real Time Enrgy Management, Siemens_21 Insti..	50,778
		Erie	National Grid	Real Time Enrgy Management, Siemens-1 Fount..	107,986
			NYS Electric and Gas	Real Time Enrgy Management, Siemens-10 Cob..	35,232
		Niagara	National Grid	Real Time Enrgy Management, Siemens-Multisit..	155,331
	Sigora Solar	Erie	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,922
	Silo City Phase I LLC	Erie	National Grid	New Construction Housing, 2019 MFCNP	120,800
	SL Ashville, LLC	Chautauqua	National Grid	>200KW PV, NY Sun	1,272,348
	Solar Liberty Energy Systems, Inc	Erie	National Grid	<200KW PV, NY-Sun	15,984
				<200KW PV, PON 2112 NY SUN	26,206
		Niagara	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	109,004
			NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	5,418
	SolarPark 4a, LLC	Erie	National Grid	>200KW PV, NY Sun	589,589
	SunEast Kingbird Solar, LLC	Chautauqua	National Grid	REC:CES REC Contracts, RESRFP20-1	12,511,775
	Tesla, Inc.	Erie	National Grid	>200KW PV, NY Sun	385,560
	Timothy Marlett	Cattaraugus	National Grid	Talent Pipeline:CE and OJT, OJT HIRE	7,680
	TM Montante Solar Developm..	Erie	NYS Electric and Gas	<200KW PV, PON 2112 NY SUN	74,760
	Tonawanda Housing Authority	Erie	National Grid	Tech Assistanc Multifamily LMI, FT13332 - 200 G..	10,000
				Tech Assistanc Multifamily LMI, FT13425 - Arthur..	9,000
				Tech Assistanc Multifamily LMI, FT13426 - Jacob..	7,500
	Trane	Chautauqua	NYS Electric and Gas	Real Time Enrgy Management, Trane-Multisite-R..	123,213
	Wendel Energy Services, LLC	Erie	National Grid	Technical Services, FT13617 - 2155 Baseline - F..	12,000
Technical Services, FT13640 - Tonawanda - FTC				24,000	
NYS Electric and Gas		Technical Services, FT13502 - 27 East Main - FT..	13,157		
Wildcat Renewables, LLC	Erie	NYS Electric and Gas	>200KW PV, NY Sun	641,520	
<b>Total</b>				35,419,968	
<b>Grand Total</b>				2,102,265,332	



NYSERDA  
Public Authority Law Report  
April 1, 2021 to September 30, 2021

Section Break

**Expenditures pursuant to a Request for Proposal, a Program Opportunity Notes or Solicitation**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
1st Light Energy, Inc.	<200KW PV, PON 2112 NY SUN	16,415
3 BP REIT	Technical Services, OsEM71-C - Ivanhoe Cambridge	52,418
3GI CPO, LLC	CLEANER GREENER COMMUNITIES, CGC 26480 - 3Gi	3,273
3M Company	On-Site Energy Manager, OsEM46-I - 3M Tonawanda	17,692
3rd ROC Solar LLC	<200KW PV, PON 2112 NY SUN	43,393
15 William Street Condominium	Low Carbon Tech Demos, Multifamily	1,440
	Multifam Performance Pgm, Multifamily	0
	MULTIFAMILY PERFORMANCE PROGRAM, Multifamily	46,560
174 Power Global NorthEast, LLC	>200KW PV, PON 2112 NY SUN	404,000
330 Madison Holdings, LLC	Technical Services, FT13116 - 330 Madison - PON	33,800
415 Second Owners Corp	NYCH: Technical Assistance, FT13368 - 240 E 24th - PON	5,450
770 Electric Corp.	<200KW PV, NY-Sun	35,574
	>200KW PV, NY-Sun	15,246
	>200KW PV, PON 2112 NY SUN	6,156
1182 Woodycrest LLC	Buildings of Excellence, Buildings of Excellence R1	165,144
	Multifam New Construction, New Construction	70,875
1406RB PV LLC	>200KW PV, C/I MW Block Assignment	141,514
1639 Rt 29 Solar 1, LLC	>200KW PV, NY Sun	600,210
1639 RT 29 Solar 2, LLC	>200KW PV, NY Sun	374,868
2018 ESA Project Company, LLC	Fuel Cells, Fuel Cell Incentive - FC-025	474,375
2018 Vento XVIII LLC	REC:CES REC Contracts, 9th RPS Main Tier Solicitation	2,198,403
2050 G.C. Housing Development Fund..	New Construction Housing, New Construction	19,400
2645 Union Street Solar, LLC	>200KW PV, NY-Sun C&I	805,410
2648 Union Street Solar, LLC	>200KW PV, NY-Sun C&I	702,810
2675 Union Street Solar, LLC	>200KW PV, NY-Sun C&I	731,025
3232 Batavia Solar, LLC	>200KW PV, NY Sun	504,104
4455 Genesee St. LLC	On-Site Energy Manager, OsEM54-I Calspan Corporation	101,946
ABB, Incorporated	High Performing Grid, PON 3770 Smart Grid	185,000
Abt Associates Inc.	ENERGY ANALYSIS, TWO 2 formerly 30191 TWO #5	22,632
	ENERGY ANALYSIS, TWO#1 Pathways Health	0
	ENVIRONMENTAL RESEARCH, Environmental Res. Outreach	37,755
	ENVIRONMENTAL RESEARCH, TWO 2 formerly 30191 TWO #5	894
	ENVIRONMENTAL RESEARCH, TWO#1 Pathways Health	92,534
Acacia Real Estate Development Inc.	Multifam New Construction, MFNCP- Sendero Verde - B	135,000
Access Supports for Living Inc.	New Construction Housing, 2019 LRNCP	25,200
Accion Group, LLC	REC:CES REC System Dev Costs, RFP 4146 LSR Support	11,500
Accord Power, Inc.	<200KW PV, PON 2112 NY SUN	15,210
	>200KW PV, PON 2112 NY SUN	6,864
ACI V REIT HOLDCO JV LLC	Technical Services, FT13427 - 110 Leroy - PON	11,550
Actasys	Talent Pipeline:CE and OJT, OJT HIRE	13,654
Active Solar Development, LLC	<200KW PV, PON 2112 NY SUN	70,920
Adam C. Boese	Commercial Real Estate Ten, DaylightSavings-132 W31 St-CTP	5,000
Adirondack Farms LLC	ANAEROBIC DIGESTER, RPS ADG - Adirondack	103,585
Adirondack Lakes Survey Corporation	Environmental Research, RFP 3702 Stream Sampling	50,399
Adirondack North Country Association	CLEANER GREENER COMMUNITIES, CGC54038 - ANCA	63,207
ADK Solar	<200KW PV, PON 2112 NY SUN	5,712
Advanced Radiant Design, Inc.	NYCH: Talent Ppln:CE and OJT, OJT HIRE	30,080
Advent Software Luxembourg S A R L	NEW YORK GREEN BANK, Fund Administration/Loan Inves	363,693

**Expenditures pursuant to a Request for Proposal, a Program Opportunity Notes or Solicitation**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>AECOM Technical Services Inc.</b>	WEST VALLEY DEVELOPMENT PROGRAM, Environmental Monitoring S..	85,110
<b>Aegis Energy Services Inc.</b>	Combined Heat and Power, CHPA - 63 Wall Street	151,470
	Combined Heat and Power, CHPA - 180 West End	107,100
	Combined Heat and Power, CHPA - 2425 Nostrand Ave.	32,130
	Combined Heat and Power, CHPA - Edenwald YMCA	70,686
	COMBINED HEAT AND POWER, CHPA - Parc East	59,400
	Combined Heat and Power, CHPA - The Promenade	55,080
	Combined Heat and Power, CHPA-Centers - Brooklyn	206,360
	Combined Heat and Power, CHPA-LeFrac City-Columbia/Peru	33,264
	Combined Heat and Power, CHPA-North Rockland High Schoo	56,531
<b>AES DE RS VI, LLC</b>	>200KW PV, NY-Sun C&I	311,721
<b>AES DE RS VIII, LLC</b>	>200KW PV, NY-Sun	265,728
	>200KW PV, NY-Sun C&I	282,356
<b>AES DE RS X, LLC</b>	>200KW PV, NY-Sun C&I	740,012
<b>AES DE RS XI, LLC.</b>	>200KW PV, NY-Sun C&I	217,592
<b>AES Rochester Solar, LLC</b>	>200KW PV, NY-Sun C&I	197,099
<b>Affordable Housing Partnership</b>	CLEANER GREENER COMMUNITIES, CGC54941 - AHP	69,226
	Community Energy Engagement, CEEP Capital Region (AHP)	96,050
<b>AHA Development Corporation</b>	Low Rise New Construction, 2019 LRNCP	57,200
<b>AKF-engineers</b>	NYCH: Technical Assistance, FT13460 - 1221 AoA - FTC	57,328
	Technical Services, FT13101 - 333 W 34th - FTC	14,192
	Technical Services, FT13608-Blythdale Hospital-FTC	3,432
	Workforce Industry Partnership, PON 3715 Workforce Training	-12,479
<b>Akimeka, LLC</b>	Electric Vehicles - Innovation, Used EV Sales Demo	34,261
	EVPRZ:Implementation, Clean Transportation	69,924
<b>Akwasne Housing Authority</b>	NY-SUN, Affordable Solar Akwasne	50,000
<b>Albany County Dept. of General Servi..</b>	Albany County	30,000
<b>Albany County Dept. of Public Works</b>	CLEANER GREENER COMMUNITIES, CGC30552 - Albany County DPW	41,370
<b>Albany Engineering Corp.</b>	LARGE SCALE RENEWABLES, Mechanicville Hydro	104,703
	LARGE SCALE RENEWABLES, Stuyvesant Falls Hydroelectric	179,108
<b>Albany Housing Authority</b>	Multifam New Construction, New Construction	28,400
<b>Albany Solar Solutions L.L.C.</b>	<200KW PV, PON 2112 NY SUN	15,848
<b>Albireo Energy, LLC</b>	Real Time Enrgy Management, Alberio Energy-500 W 33rd-RTEM	51,432
	Real Time Enrgy Management, Albireo - 5 Penn Plaza - RTEM	46,496
	Real Time Enrgy Management, Albireo - 161 William St -RTEM	1,223
	Real Time Enrgy Management, Albireo Energy-199 Water-RTEM	3,600
	Real Time Enrgy Management, Albireo Energy-Multisite-RTEM	176,271
	Real Time Enrgy Management, Albireo-48 Wall Street-RTEM	3,920
	Real Time Enrgy Management, Albireo-Multisite-RTEM	675,908
	Real Time Enrgy Management, ARE - 69 fifth Ave - RTEM	1,221
	Real Time Enrgy Management, Cushman/Wakefield-RTEM	6,008
	Real Time Enrgy Management, RXR Realty-340Madison Ave-RTEM	212,097
	Real Time Enrgy Management, Signature Theatre - RTEM	3,045
<b>Allegis Group Holdings Inc</b>	76 West, SA.078 - Innovation_APM	16,797
	Community RH&C, Staff Augmentation Services	35,531
	ENERGY ANALYSIS, Staff Augmentation Services	39,296
	High Performing Grid, SA.078 - Innovation_APM	4,199
	Home Perf w Energy Star, SA.070_TWO#11 - EAE PM	100,980

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Allegis Group Holdings Inc</b>	Informat. Products & Brokering, Staff Augmentation Services	124,323
	NEW YORK GREEN BANK, Staff Augmentation Services	19,773
	NYCH: Supply Chain, SA.054_TWO #9 - SFR PM	49,917
	Pay for Performance, SA.055_TWO #10 - P4P PM	53,505
	Renewable Heat NY, Staff Augmentation Services	35,531
<b>Allen Power, Inc.</b>	<200KW PV, PON 2112 NY SUN	213,729
	NY-SUN, PON 2112 NY SUN	60,885
<b>Alliance for Housing Inc.</b>	Multifam New Construction, PPES T2 Fountain Sea A1	29,300
<b>Alliance for Sustainable Energy, LLC</b>	CLEAN TRANSPORTATION, TWO 2 - NREL TWO for Mobility	2,623
	ENERGY ANALYSIS, TWO 1 - 100% Carbon-free Power	18,498
	OREC: Technical Support, TWO 5 - NREL NY Great Lakes	24,463
<b>alpha-En Corporation</b>	Energy Storage Tech/Prod Dev, PON3585 R4 Energy Storage Tech	60,000
<b>Altanova LLC</b>	Buildings of Excellence, BoE Rnd 1 - Design Team Incen.	41,286
	Commercial New Construc, Commercial New Construction	19,577
	Commercial Real Estate Ten, Altanova-100 Manhattanville Rd	4,352
	Commercial Real Estate Ten, Altanova-151 W 42ndFl26-28-CTP	12,944
	Flexible Tech Assistance, FlexTech Consultant Selection	3,177
	Flexible Tech Assistance, FT12223-MealsWheels-SI.CHP-FTC	9,626
	NYCH: Technical Assistance, FT13306 - 430 W 50th - FTC	28,953
	Rmve Barriers Dist Enrgy Storg, FT13162 - Legacy - FTC	1,050
<b>Alternative Power Solutions of NY, LLC</b>	<200KW PV, PON 2112 NY SUN	76,750
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	9,459
<b>AltPOWER, Inc.</b>	<200KW PV, NY-Sun	298,480
<b>American Energy Care, Inc.</b>	<200KW PV, NY-Sun	32,575
	<200KW PV, PON 2112 NY SUN	19,245
<b>American Society of Heating,Refrigera..</b>	Technical Services, ASHRAE - EPE Team Support TWO	34,346
<b>American Solar Partners, LLC</b>	NY-SUN, Solar for Electchester Housing	20,000
<b>AMP US HoldCo Inc.</b>	>200KW PV, NY-Sun C&I	218,936
<b>Ampersand Tannery Island Hydro, LLC</b>	REC:CES REC Contracts, 11th Main Tier Solicitation	893
<b>AMPLY Power Inc.</b>	Novel Bus Models & Offers, Fleet Charging as a Service	41,819
<b>Amsterdam Nursing Home Corporation</b>	Flexible Tech Assistance, FT12209 - AmsNursingHome - PON	15,309
	Flexible Tech Assistance, FT12215-AmsterdamNursing-PON	11,913
<b>Andromeda Community Initiative Inc.</b>	Talent Pipeline:CE and OJT, PON3981 Round 10	12,094
<b>Antares Group, Inc.</b>	Industrial Process Effic, Technical Review and Program S	1,350
	NYCH: Technical Assistance, FT13111 - 515 E 71st - FTC	32,849
	REV Campus Challenge, FT13487 - St. Albert - FTC	2,890
	Technical Services, FT13204 - 2885 State - FTC	1,644
<b>Apex Roofing, LLC</b>	<200KW PV, PON 2112 NY SUN	5,292
<b>Apex Solar Power LLC</b>	<200KW PV, NY-Sun	16,120
	<200KW PV, PON 2112 NY SUN	187,264
<b>Apprise, Incorporated</b>	Air Source Heat Pumps, TWO #3 - Survey Work	0
	EVALUATION, TWO #3 - Survey Work	0
	Geothermal Incentive Program, TWO #3 - Survey Work	11,618
	Home Perf w Energy Star, Energy and Climate Equity	20,453
	On-Site Energy Manager, RFQ3183 Umbrella Agreement	33,826
	Strategic Energy Manager, RFQ3183 Umbrella Agreement	33,826
	TWO 1 LMI Commun. Solar survey	21,779

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>APX Inc.</b>	LARGE SCALE RENEWABLES, NYGATS	99,859
	REC2:CES REC2 Syst Development, NYGATS	125,826
	REC:CES REC System Dev Costs, NYGATS	107,918
	ZEC:CES ZEC System Dev Costs, NYGATS	260,833
<b>Arcadis of New York, Inc.</b>	CI Engy Siting & Soft Cost Red, Large Scales Renewables Techni	15,445
	Commercial New Construc, Staff Augmentation Services	15,011
	Commercial Real Estate Ten, SA.046_TWO #4 - EPE	3,857
	Low Rise New Construction, Staff Augmentation Services	43,031
	Multifam New Construction, Staff Augmentation Services	17,012
	New Construction Housing, Staff Augmentation Services	10,007
	New Construction- Commercial, Staff Augmentation Services	15,011
	ORES Support, ORES Technical Assistance	314,539
	REV Campus Challenge, SA.046_TWO #4 - EPE	3,857
	Strategic Energy Manager, SA.046_TWO #4 - EPE	53,972
	Technical Services, AEAP	4,521
	Technical Services, FT13067 - 1 Canal Road - FTC	17,681
	Technical Services, FT13304 - Mohawk View - FTC	25,178
	Technical Services, SA.046_TWO #4 - EPE	3,857
Technical Services, WRRF On-call Energy Expert	8,473	
<b>Arcadis U.S., Inc.</b>	Advancing Ag Engry Technologie, AAET Tech Review_Arcadis TWO	1,322
	ANAEROBIC DIGESTER, ADG - Arcadis - TWO	5,727
	Combined Heat and Power, ADG - Arcadis - TWO	5,727
<b>Arch Street Communications, Inc.</b>	Clean Energy Communities, Marketing Support for NYSERDA	173,700
	OTHER PROGRAM AREA, RFP4459 Marketing Support	114,234
<b>Arnold &amp; Porter Kaye Scholer LLP</b>	WEST VALLEY DEVELOPMENT PROGRAM, RFP 3300 Outside Counsel ..	338
<b>Arts Center and Theater of Schenecta..</b>	CLEANER GREENER COMMUNITIES, CGC27842 - Marquee Power Proct	35,000
<b>Association for Energy Affordability, In</b>	Workforce Industry Partnership, PON 3715 Workforce Training	90,625
<b>Atelier Ten</b>	Commercial Real Estate Ten, Atelier Ten USA-250 Greenwich	12,044
	New Construction- Commercial, Commercial New Construction	12,253
	New Construction- Commercial, SUNY - Mini Bid (2019)	16,335
<b>Atlas Contractors, LLC</b>	New Construction Housing, 2019 LRNCP	8,500
<b>Autonomous Energies LLC</b>	>200KW PV, PON 2112 NY SUN	12,160
<b>Autronic Plastics, Inc.</b>	ADVANCED BUILDINGS, Low Voltage Lighting System	57,000
	CLEAN TRANSPORTATION, Metro Platform Light	69,450
	Pub Transit & Elect Rail, Wireless Transit Lighting	25,000
<b>Avangrid Renewables, LLC</b>	LARGE SCALE RENEWABLES, Hardscrabble Wind Energy	228,803
	LARGE SCALE RENEWABLES, Hardscrabble Wind Power LLC	270,336
<b>Axis Geospatial</b>	WEST VALLEY DEVELOPMENT PROGRAM, 2020 WNYNSC LiDAR Map..	100,649
<b>Aztech Geothermal, LLC</b>	NYCH: Talent PpIn:CE and OJT, OJT HIRE	14,517
	Talent Pipeline:CE and OJT, OJT HIRE	0
<b>Barbera Homes and Development, Inc.</b>	New Construction Housing, 2019 LRNCP	4,750
<b>Bard College</b>	REV CAMPUS CHALLENGE, RFP 3214 REV Campus Challenge	9,000
<b>Barnard College</b>	Technical Services, OsEM26-C Barnard College Mult	24,766
<b>Battelle Memorial Institute</b>	Code to Zero, BMI TWO #1-NYStretch Support	18,422
<b>BDO USA LLP</b>	Background Investigation Servi	4,400
	NYSERDA ADMINISTRATION, TWO - GJGNY	8,000
	TWO - BofA	5,000
	TWO - Level Solar	5,000

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>BDO USA LLP</b>	TWO - Renovus Blue Rock	5,000
<b>Beacon Power, LLC</b>	Pub Transit & Elect Rail, Beacon flywheel ESS for NYCT	73,133
<b>Beech-Nut Nutrition Company</b>	On-Site Energy Manager, OsEM37-I - Beech-Nut Nutrition	41,308
<b>Belmont Daniel LP</b>	Multifam Performance Pgm, Multifamily	14,000
<b>Belmont Housing Resources for WNY,...</b>	Low Rise New Construction, 2019 LRNCP	46,000
<b>Benchmark Lancaster Towers, LP</b>	Multifam Performance Pgm, Multifamily	25,905
<b>Bergmann Associates, Architects,</b>	CI Carbon Challenge, CICC1902	1,078
	Flexible Tech Assistance, Bergmann Tech Review TWO	23,261
	Industrial Process Effic, IPE16237	747
	Industrial Process Effic, Tech Review_Support_Umbrella	1,563
	K-12 SCHOOLS, Bergmann Tech Review TWO	8,399
	REV Campus Challenge, Bergmann Tech Review TWO	43,998
	Technical Services, AGG1009-Bergmann-Portfolio 1	5,000
	Technical Services, Bergmann Tech Review TWO	27,920
	Technical Services, Indoor Air Quality TWO - Berg.	66,875
	Technical Services, Tech Review_Program Support	2,240
<b>Best Energy Power</b>	<200KW PV, NY-Sun	17,222
	>200KW PV, NY-Sun	17,223
	>200KW PV, PON 2112 NY SUN	649,725
<b>Bettergy Corporation</b>	Energy Storage Tech/Prod Dev, NH3 Cracking Membrane Reactor	30,000
<b>Binghamton Regional</b>	Community RH&C, CH&C Communities Round 3	67,000
	NYCH: LMI, CH&C Communities Round 3	0
<b>BioDiversity Research Institute</b>	Environmental Research, ENV & Fisheries Rsrch for OSW	87,698
	OREC: Technical Support, BRI TWO #5 E-TWG Services	155,348
<b>Black Mountain Architecture, PLLC</b>	Buildings of Excellence, BoE R1 - Designer Incentive	37,500
<b>Black River Hydroelectric, LLC</b>	REC:CES REC Contracts, 11th Main Tier Solicitation	191,460
<b>BlocPower Community Corporation</b>	Community RH&C, PON3922 CH&C Communities BlocP	17,000
<b>BlocPower LLC</b>	Novel Bus Models & Offers, Novel Business Models R2	370,000
<b>Bloom Energy Corporation</b>	REC:CES REC Contracts, 11th Main Tier Solicitation	20,038
<b>Bloomberg, L.P.</b>	Industrial Process Effic, Industrial Process Efficiency	138,700
<b>Board of Managers of Cipriani Club</b>	COMBINED HEAT AND POWER, CHPA - 55 Wall Street	975,772
<b>Bond, Schoeneck &amp; King, PLLC</b>	BR: Program Implementation, BR-Outside Legal	57,145
	NYSERDA ADMINISTRATION, Attorney General Investigation	34,265
	NYSERDA ADMINISTRATION, HR Outside Counsel Assistance	29,431
<b>Bonded Energy Solutions Corp.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,984
	NYCH: Talent Ppln:CE and OJT, peter.tompkins	6,944
<b>Borg Warner</b>	Industrial Process Effic, Industrial Process Efficiency	215,521
<b>Bourne &amp; Kenney Redevelopment Co..</b>	Technical Services, FT13156 - Kenney Apts. - PON	10,000
<b>BP Cyrus MM LLC</b>	Multifam New Construction, New Construction	64,505
<b>BPP MFNY Employer LLC</b>	Real Time Enrgy Management, BPP - multisite - RTEM	55,167
	Real Time Enrgy Management, BPPMFNYEmpLLC1	58,232
	Real Time Enrgy Management, BPPMFNYEmpLLC#3-Multi-RTEM	49,037
	Real Time Enrgy Management, BPPMFNYEmpLLC#4-Multi-RTEM	125,966
<b>Brattle Group Inc.</b>	High Performing Grid, TWO #2 DPS Utility Study Order	19,990
	High Performing Grid, TWO #4 Grid Performance Gaps	61,250
	High Performing Grid, TWO#1 Clean Energy Deliv	261,920
	OREC: Technical Support, TWO#1 Clean Energy Deliv	100,000
	REC4:CES REC4 Tech Support, TWO #4 Large Scale Hydropower	25,103

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Brattle Group Inc.</b>	REC:CES REC System Dev Costs, TWO #4 Large Scale Hydropower	162,997
<b>Breathe Easy of CNY Inc.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,223
	Talent Pipeline:CE and OJT, OJT HIRE	0
<b>Bright Power, Inc.</b>	<200KW PV, NY-Sun	1,026,371
	>200KW PV, NY-Sun	654,469
	>200KW PV, PON 2112 NY SUN	235,888
	Commercial Real Estate Ten, Bright Power-56 West 22nd St	5,000
	Housing Agencies Support, Notice to Proceed	31,885
	NY-Sun	505,719
	NYCH: Technical Assistance, FT13229 - 1520 Sedgwick - FTC	8,120
	NYCH: Technical Assistance, FT13328 - 1065 Gerard - FTC	6,300
	NYCH: Technical Assistance, FT13329 - 1075 Gerard - FTC	6,300
	NYCH: Technical Assistance, FT13331 - 1179 2nd - FTC	6,075
	NYCH: Technical Assistance, FT13355 - 500 E 5th - FTC	4,683
	NYCH: Technical Assistance, FT13374 - 2260 Crotona - FTC	3,470
	NYCH: Technical Assistance, FT13375 - 711 Garden - FTC	4,230
	NYCH: Technical Assistance, FT13432 -2510 Frisby - FTC	2,925
	NYCH: Technical Assistance, FT13466 - 560 W. 43rd - FTC	5,600
	NYCH: Technical Assistance, FT13473 - 160 Schermer. - FTC	3,670
	NYCH: Technical Assistance, FT13486 - 150 E. 57th - FTC	4,752
	NYCH: Technical Assistance, FT13489 - 63 W. 35th - FTC	4,625
	NYCH: Technical Assistance, FT13490 - 152 W 26th - FTC	6,250
	NYCH: Technical Assistance, FT13499 - Glen Oaks - FTC	16,078
	NYCH: Technical Assistance, FT13500 - Lakeview Apts - FTC	5,513
	NYCH: Technical Assistance, FT13501- Highview Apts. - FTC	4,500
	NYCH: Technical Assistance, FT13510 - 650 Park - FTC	4,375
	NYCH: Technical Assistance, FT13511 - 400 E. 77th - FTC	4,778
	NYCH: Technical Assistance, FT13513 - 135 W. 106th - FTC	4,588
	NYCH: Technical Assistance, FT13516 - 35 Marcy - FTC	3,150
	NYCH: Technical Assistance, FT13529 - 321-325 E198th - FTC	5,305
	NYCH: Technical Assistance, FT13546 - Brooklyn Gard. - FTC	4,100
	NYCH: Technical Assistance, FT13588 - The Aldyn - FTC	7,478
	NYCH: Technical Assistance, FT13622 - 42 W 58th - FTC	4,600
	NYCH: Technical Assistance, FT13639 - 321 W. 44th - FTC	5,145
	Real Time Enrgy Management, BP - 7 Ludlow St - RTEM	4,215
	Real Time Enrgy Management, BP - 188 Warburton - RTEM	3,840
	Real Time Enrgy Management, BP-1755 York-RTEM	4,425
	Real Time Enrgy Management, Bright Power - 221 E 71st-RTEM	12,150
	Real Time Enrgy Management, Bright Power - Multisite- RTEM	3,825
	Real Time Enrgy Management, Bright Power-60 E 86th St-RTEM	3,972
	Real Time Enrgy Management, Bright Power-255E149thSt-RTEM	6,270
	Real Time Enrgy Management, Bright Power-3000 Bronx - RTEM	3,435
	Real Time Enrgy Management, Bright Power-Multisite-RTEM	4,853
	Real Time Enrgy Management, Bright-86DeKalb-RTEM	7,000
	Real Time Enrgy Management, BrightPower-201 E 86th St-RTEM	3,690
	REV Campus Challenge, FT13118 - 3260 Henry - FTC	6,048
	Technical Services, FT13140 - 165 E 56th - FTC	4,463
	Technical Services, FT13176 - 1755 York - FTC	4,465

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Bright Power, Inc.</b>	Technical Services, FT13180 - 30 Washington - FTC	4,630
	Technical Services, FT13194 - 110 Livingston - FTC	6,273
	Technical Services, FT13220 - 50 W 23rd - FTC	7,120
	Technical Services, FT13266 - 185 Varick - FTC	3,375
<b>Broad Financial Center, LLC</b>	Technical Services, FT13409 - Broad Financial -PON	9,360
<b>Bronx Pro Group, LLC</b>	Multifam New Construction, New Construction	15,000
<b>Brooklyn Greenway Initiative, Inc.</b>	Pub Transit & Elect Rail, Tech-based bike-transit study	34,208
<b>Brooklyn Housing Preservation Limited Pa</b>	<200KW PV, NY-Sun	303,985
	>200KW PV, NY-Sun	30,065
<b>Brooklyn SolarWorks LLC</b>	>200KW PV, PON 2112 NY SUN	12,870
<b>Bruns Associates, LLC</b>	Buildings of Excellence, Buildings of Excellence R1	262,500
<b>BTMI Engineering, PC</b>	OREC: Technical Support, Large-Scale Renewables	4,188
	OREC: Technical Support, State's Engineer for Port Inve	4,925
	OREC: Technical Support, TWO for COWI MTWG support 2021	23,580
	OREC: Technical Support, TWO for COWI Navigation Studie	38,998
<b>Buckeye Terminals, LLC</b>	FUEL NY, Upstate NY Strategic Fuels Res	641,167
<b>Buckhurst, Fish, Jacquemart, Inc.</b>	CLEAN TRANSPORTATION, Mobile New Rochelle Feasibilit	386
<b>Buffalo Geothermal Heating</b>	Geothermal Incentive Program, Clean Heating & Cooling	64,613
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,200
<b>Buffalo Renewables, Inc.</b>	Small Wind, WWind Turbine Incentive	230,400
<b>Buffalo Solar Solutions Inc</b>	<200KW PV, PON 2112 NY SUN	243,425
<b>Buffalo Urban Development Corporati..</b>	Commercial New Construc, NCP15003 - Workforce Train Ctr	23,136
<b>BUILDING 36 LLC</b>	>200KW PV, NY-Sun Assignment	45,847
<b>Building Performance Institute, Inc.</b>	Talent Pipeline:CE and OJT, Energy & Efficiency Credential	125,320
<b>Buro Happold Consulting Engineers, ..</b>	Commercial Real Estate Ten, Buro Happold - 20 W 34th St	73,941
<b>BVG Associates LLC</b>	REC4:CES REC4 Tech Support, IE T4	35,140
<b>BW Research Partnership</b>	ENERGY ANALYSIS, TWO# 1 CE Industry Report	0
	ENERGY ANALYSIS, TWO# 2 JTWG Jobs Study	24,374
	Home Perf w Energy Star, TWO# 1 CE Industry Report	9,512
	NYCH: Talent Ppln:CE and OJT, TWO# 2 JTWG Jobs Study	194,991
	Talent Pipeline:CE and OJT, TWO# 1 CE Industry Report	66,584
<b>C. Kenneth Inports</b>	Industrial Process Effic, Industrial Process Efficiency	70,150
<b>C.J. Brown Energy, P.C.</b>	K-12 SCHOOLS, FT13132 - N. Tonawanda - FTC	18,983
	K-12 SCHOOLS, FT13226 - NY Mills UFSD - FTC	4,989
	K-12 SCHOOLS, FT13227 - Cooperstown CSD -FTC	8,232
	Technical Services, AEAP	4,063
	Technical Services, FT13028 - Residences - FTC	2,139
	Technical Services, FT13030 - 4710 Kehoe - FTC	2,164
	Technical Services, FT13031 - 2001 E Henrietta-FTC	2,480
	Technical Services, FT13034 - 4399 Plantation -FTC	2,332
	Technical Services, FT13310 - 395 Tonawanda - FTC	1,530
	Technical Services, FT13311 - 840 Tonawanda - FTC	1,553
	Technical Services, FT13312 - 525 Oliver - FTC	1,530
Technical Services, FT13313 - 16 Alpine - FTC	1,443	
<b>C&amp;R Housing Inc.</b>	Talent Pipeline:CE and OJT, OJT HIRE	4,122
<b>C&amp;S Engineers, Inc.</b>	REV Campus Challenge, FT13048 - Maria College - FTC	1,152
	Technical Services, FT13148 - Glens Falls - FTC	1,468
	Technical Services, FT13279 - Courthouse - FTC	3,385



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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>C&amp;S Engineers, Inc.</b>	Technical Services, FT13418 - 2221 Niagara - FTC	8,353
	Technical Services, FT13459 - 22643 Fisher - FTC	3,069
<b>Cameron Engineering &amp; Associates LLP</b>	Technical Services, FT13160 - 83 Maiden - FTC	32,618
	Technical Services, FT13205 - 395 Broadway - FTC	2,500
<b>Canajoharie, Village of,</b>	Clean Energy Communities, Communities & Local Government	12,500
<b>Candor Central School</b>	>200KW PV, NY Sun	5,097
<b>CannonDesign</b>	REV Campus Challenge, RFP3628FlexTechConsultUmbrella	42,180
<b>Canyon Engineering Solutions LLC</b>	K-12 SCHOOLS, FT13354 - 50 Wood Rd - FTC	9,880
<b>Capital District Regional Planning Comm.</b>	Clean Energy Communities, Clean Energy Communities	496,653
	Community RH&C, Cap Dist Heat & Cool Smart Cam	34,500
<b>Carbon Upcycling Inc</b>	76 West, 76West	100,000
<b>Caribou Biofuels, Inc</b>	Talent Pipeline:CE and OJT, OJT HIRE	6,080
<b>Catalyze Holdings, LLC</b>	>200KW PV, NY-Sun	110,600
<b>Catskill Mountainkeeper, Inc</b>	Community RH&C, PON3723 RH&C Campaigns	53,919
<b>CBRE, Inc.</b>	On-Site Energy Manager, OsEM57-I IBM Sterling Forest	97,500
<b>CDG Huron Solar 1 LLC</b>	>200KW PV, NY Sun	107,115
<b>CEC Stuyvesant Cove, Inc.</b>	CLEANER GREENER COMMUNITIES, CGC55294 - Solar One	193,414
	NY-SUN, HPD Technical Assistance	153,581
	NY-SUN, PON 3414 Solar for Enterprise	35,000
	Talent Pipeline:CE and OJT, PON3981 Round 6	12,467
<b>Center for Community Transportation</b>	CLEAN TRANSPORTATION, Ithaca Bikeshare Demonstration	19,560
<b>Center for Sustainable Energy</b>	CLEAN TRANSPORTATION, Centralized Services & Support	45,718
	CLEAN TRANSPORTATION, PEV Enabling Technology Demons	35,893
	Consumer Ed and Market Support, RFP3945 Home Energy Rating Pil	0
	Electric Vehicles - Rebate, TWO #3 - Drive Clean Program	175,038
	Home Energy Ratings, RFP3945 Home Energy Rating Pil	89,121
	OTHER PROGRAM AREA, Centralized Services & Support	38,729
<b>Centerstate Corporation for</b>	Cleantech Incubator, PON3413 Clean Energy Incubator	210,000
<b>Central New York Regional Planning a..</b>	Clean Energy Communities, Clean Energy Communities	369,539
<b>Centrica Business Solution Services I..</b>	<200KW PV, PON 2112 NY SUN	348,840
<b>CES Danbury Solar, LLC</b>	<200KW PV, PON 2112 NY SUN	5,376
	>200KW PV, PON 2112 NY SUN	246,805
<b>CH4 Biogas, LLC</b>	Anaerobic Digesters, PON 3739 CAT C	248,360
<b>CHA Consulting Inc.</b>	CI Carbon Challenge, CICC RED Roch. Tech Review	21,114
	CI Carbon Challenge, CICC1906 - SABIC	9,113
	CI Carbon Challenge, Outreach Support	35,584
	CI Carbon Challenge, SA.019_TWO#1 - Industrial	27,853
	CI Carbon Challenge, SA.030_TWO#2 - Industrial	0
	CI Carbon Challenge, SA.031_TWO#3 - Industrial	0
	CI Carbon Challenge, SA.034_TWO#5 - Industrial	38,160
	Commercial Real Estate Ten, SA.051_TWO #6_EP&E APM	16,648
	Flexible Tech Assistance, FT12226-UltraDairy-6750W-FTC	945
	Flexible Tech Assistance, FT12261 - Union Coll CHP - FTC	42,827
	Flexible Tech Assistance, FT12295 - HVCC - CHP	16,211
	Flexible Tech Assistance, Staff Augmentation Services	3,375
	Industrial Process Effic, IPE16223	2,637
	Industrial Process Effic, IPE16259	487
Industrial Process Effic, Outreach Support	57,837	

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>CHA Consulting Inc.</b>	Industrial Process Effic, SA.019_TWO#1 - Industrial	18,445
	Industrial Process Effic, SA.030_TWO#2 - Industrial	0
	Industrial Process Effic, SA.031_TWO#3 - Industrial	12,736
	Industrial Process Effic, SA.034_TWO#5 - Industrial	9,520
	Industrial Process Effic, Staff Augmentation Services	76,933
	Industrial Process Effic, Technical Review and Program S	22,560
	K-12 SCHOOLS, SA.035_TWO#4 - EPE	43,230
	K-12 SCHOOLS, SA.051_TWO #6_EP&E APM	38,912
	On-Site Energy Manager, Staff Augmentation Services	3,081
	REV Campus Challenge, SA.051_TWO #6_EP&E APM	16,661
	Strategic Energy Manager, Outreach Support	35,584
	Strategic Energy Manager, SA.019_TWO#1 - Industrial	9,522
	Strategic Energy Manager, SA.030_TWO#2 - Industrial	0
	Strategic Energy Manager, SA.031_TWO#3 - Industrial	0
	Strategic Energy Manager, SA.034_TWO#5 - Industrial	3,774
	Strategic Energy Manager, SA.051_TWO #6_EP&E APM	0
	Strategic Energy Manager, Staff Augmentation Services	15,296
	Technical Services, FT13174 - 2900 McLane - FTC	25,354
	Technical Services, FT13334 - 9567 Main - FTC	9,943
	Technical Services, FT13527 - 2400 Buffalo - FTC	3,028
	Technical Services, SA.019_TWO#1 - Industrial	25,401
	Technical Services, SA.051_TWO #6_EP&E APM	13,329
	<b>Chappaqua Station, LLC</b>	Low Rise New Construction, 2019 LRNCP
<b>Charis Realty Corp.</b>	Multifam Performance Pgm, Multifamily	9,600
<b>Chautauqua County</b>	Clean Energy Communities, CEC111465 Chautauqua Co	5,000
	LARGE SCALE RENEWABLES, Chautauqua LFGE	104,675
<b>Chenango 1 Solar, LLC</b>	>200KW PV, NY-Sun C&I	683,377
<b>Chestnut Commons Apartments LLC</b>	Multifam New Construction, New Construction	105,000
<b>CIR ELECTRICAL CONSTRUCTION C..</b>	<200KW PV, PON 2112 NY SUN	166,936
<b>Citigroup Technology, Inc.</b>	COMBINED HEAT AND POWER, CHPA - 390 Greenwich St	850,000
<b>Citizens Enterprises Corporation</b>	>200KW PV, Commercial/Industrial PV	63,176
<b>City of Auburn</b>	LARGE SCALE RENEWABLES, Mill Street Dam Hydro	10,692
	REC:CES REC Contracts, 11th Main Tier Solicitation	21,150
<b>City of Beacon</b>	Clean Energy Communities, City of Beacon	50,000
<b>City of Binghamton</b>	Clean Energy Communities, City of Binghamton	75,000
<b>City of Geneva</b>	Clean Energy Communities, CEC300343 - City of Geneva	22,500
<b>City of Gloversville</b>	Clean Energy Communities, CEC600877-City of Gloversville	25,000
<b>City of Hudson</b>	CEC400057 City of Hudson	7,500
	Clean Energy Communities, CEC400057 City of Hudson	1,250
<b>City of Ithaca</b>	Clean Energy Communities, City of Ithaca	15,000
<b>City of Long Beach</b>	CLEANER GREENER COMMUNITIES, City of Long Beach	59,986
<b>City Of New York</b>	NEW CONSTRUCTION PROGRAM, CGC43226 - New York City	66,780
<b>City of Rochester</b>	Community RH&C, PON3723 RH&C Campaigns	32,500
	NYCH: Technical Assistance, OsEM32-C - City of Rochester	142,274
	Technical Services, OsEM32-C - City of Rochester	-104,122
<b>City of Salamanca</b>	CLEANER GREENER COMMUNITIES, City of Salamanca	75,000
<b>City of Utica</b>	CLEANER GREENER COMMUNITIES, CGC40774 - City of Utica	50,700
	Community RH&C, Heat & Cool for Utica NYTBD	31,700

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>City of Utica</b>	Community RH&C, HeatSmart Utica LMI HP Study	8,000
	NYCH: LMI, HeatSmart Utica LMI HP Study	8,000
<b>City Winery Hudson Valley, LLC</b>	Net Zero Energy for Eco Dev, New Construction	201,439
<b>Civic Consulting NYC Inc</b>	CLEAN TRANSPORTATION, Clean Transportation	22,000
<b>Clarkson University</b>	High Performing Grid, Offshore Wind Interconn Study	94,000
	OTHER PROGRAM AREA, PON 3249	70,000
<b>Classic American Vintage, LLC</b>	Technical Services, FT13172 - 300 Main Ave - PON	9,675
<b>Clean Energy</b>	CLEAN TRANSPORTATION, NYS Compressed Natural Gas	500,000
<b>Clean Technologies A LLC</b>	LARGE SCALE RENEWABLES, 8th RPS Main Tier Solicitation	18,180
<b>CleanFiber LLC</b>	76 West, 76West Clean Energy Bus. Comp	50,000
<b>CLEAResult Consulting, Inc.</b>	>200KW PV, Centralized Services & Support	44,308
	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Centralized S..	112
	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Technical Sup..	2,972
	Centralized Services & Support	259,026
	Commercial New Construc, Centralized Services & Support	9,833
	Commercial Real Estate Ten, Centralized Services & Support	6,379
	Community RH&C, Centralized Services & Support	19,117
	EMPOWER NY, Centralized Services & Support	77,348
	EMPOWER NY, Technical Support SFR	97,463
	ESTOR: Implementation Support, Centralized Services & Support	8,673
	Geothermal Incentive Program, Centralized Services & Support	10,911
	GJGNY Market Rate Audits, TWO #13 - SFR	39,403
	Healthy Homes VB Payment Pilot, Centralized Services & Support	0
	Healthy Homes VB Payment Pilot, Technical Support SFR	0
	Home Energy Ratings, TWO #13 - SFR	9,851
	Home Perf w Energy Star, Centralized Services & Support	814,235
	Home Perf w Energy Star, Technical Support SFR	1,109,475
	HOME PERFORMANCE WITH ENERGY STAR, Centralized Services & Su..	51
	LMI Community Solar, Centralized Services & Support	37,103
	Low Rise New Construction, Centralized Services & Support	28,228
	Multifam New Construction, Centralized Services & Support	17,009
	Multifam Performance Pgm, Centralized Services & Support	37,418
	New Construction Housing, Centralized Services & Support	30,826
New Construction- Commercial, Centralized Services & Support	10,923	
NYSERDA ADMINISTRATION, Phone Email & Web Support	58,052	
Real Time Enrgy Management, Centralized Services & Support	10,501	
Renewable Heat NY, Centralized Services & Support	44,086	
Technical Support SFR	423,814	
<b>Clearview Consultants, LLC</b>	BR: Prospecting, TWO #1 Notice to Proceed	22,517
<b>Climate Change &amp; Environmental</b>	Commercial Real Estate Ten, CCES - 801 2nd Avenue	8,160
<b>CMC Energy Services, Inc</b>	Electrification, RFP 4645 Bldg Env Roundtables	13,732
	NYCH: Supply Chain, RFP 4645 Bldg Env Roundtables	6,866
<b>COA Solar 2, LLC</b>	>200KW PV, NY-Sun C&I Payee Assignment	192,398
<b>Coastal States Stewardship Foundation</b>	Environmental Research, RFQL 4550	18,000
	RFQL 4550	18,000
<b>Code Green Solutions, Inc.</b>	Commercial Real Estate Ten, Code Green - 2 Penn Plaza	15,750
	Commercial Real Estate Ten, CodeGreen - 695 6th Ave	13,750
	Empire Building Challenge, EBC - Market Character TWO	24,122

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Code Green Solutions, Inc.</b>	Flexible Tech Assistance, FT12082-Glenhill Assoc307W-FTC	4,744
	Flexible Tech Assistance, FT12230-CBRE-123 William-FTC	5,994
	Flexible Tech Assistance, FT12240-RXR Realty-530 5th-FTC	1,975
	K-12 SCHOOLS, P12GC-10 - Mons. Farrell - FTC	17,208
	NYCH: Empire Build Challenge, EBC - Market Character TWO	3,446
	NYCH: Technical Assistance, FT13091 - 470 Park S - FTC	6,750
	NYCH: Technical Assistance, FT13139 - 599 11th - FTC	8,688
	NYCH: Technical Assistance, FT13405 - 309 5th - FTC	5,875
	NYCH: Technical Assistance, FT13482 - 125 W. 55th - FTC	8,563
	NYCH: Technical Assistance, FT13522 - 767 Third - FTC	9,899
	NYCH: Technical Assistance, FT13524 - 747 Third - FTC	7,762
	REV Campus Challenge, FT13058 - 7 East 12th - FTC	17,792
	Technical Services, FT13050 - 145 E 57th - FTC	15,250
	Technical Services, FT13056 - 1140 AOA - FTC	15,685
	Technical Services, FT13057 - 200 W 41st - FTC	5,475
	Technical Services, FT13062 - 175 Varick - FTC	11,670
	Technical Services, FT13064 - 275 7th - FTC	16,425
	Technical Services, FT13069 - 381 Park - FTC	4,459
	Technical Services, FT13078 - 145 W 57th - FTC	9,238
	Technical Services, FT13079 - 101 W. End - FTC	19,695
	Technical Services, FT13081 - 21 West End - FTC	24,570
	Technical Services, FT13085 - 120 E 16th - FTC	12,740
	Technical Services, FT13090 - 158-15 Liberty - FTC	4,750
	Technical Services, FT13093 - Kestrel - FTC	16,350
	Technical Services, FT13125 - 2 Park - FTC	11,656
	Technical Services, FT13152 - 170 E 83rd - FTC	4,313
	Technical Services, FT13153 - 70 Little West - FTC	14,438
	Technical Services, FT13495 - 524 Broadway - FTC	4,050
	Technical Services, FT13514 - 240 W. 35th - FTC	1,975
	Technical Services, FT13523 - 777 Third - FTC	8,377
	Technical Services, FT13534 - 40 Central Park S	7,231
	Technical Services, FT13537 - 437 Madison - FTC	8,484
<b>Cogeneration Contractors, Inc.</b>	COMBINED HEAT AND POWER, CHPA - 1 North 4th Place	119,000
	Combined Heat and Power, CHPA - Morris Apartments II	37,791
	COMBINED HEAT AND POWER, CHPA - NYU 370 Jay Street	445,500
<b>COGENT Infotech Corporation</b>	NYSERDA ADMINISTRATION, TWO 1 Asst. BA Ops - Nurul	42,100
<b>Cohen Ventures Inc</b>	Air Source Heat Pumps, Task Work Order #3	0
	Air Source Heat Pumps, TWO1 Prod & Appliance Standard	73,997
	Product Standards, Task Work Order #3	128,307
	Product Standards, TWO2 Emissions Appliance Stand	118,815
<b>COI Energy Services Inc</b>	76 West, 76 West	250,000
	OTHER PROGRAM AREA, 76 West	0
<b>College at Brockport</b>	Workforce Industry Partnership, Workforce Dev & Train	183,254
<b>Columbia Property Trust Operating Pa..</b>	Technical Services, FT13261 - 229 W 43rd - PON	31,225
<b>Columbia University</b>	Environmental Research, TWO#1 Updating CLIMAID	11,022
	OTHER PROGRAM AREA, On-Site Power	95,225
<b>Combined Energies LLC</b>	Cleantech Ignition, PON 3871 Ignition Grants	19,040
	Energy Storage Tech/Prod Dev, PON 3585 Energy Storage Cat B	32,040

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Complex Inc</b>	76 West, 76West Clean Energy Business C	125,000
<b>Commercial Cleaning NY Sunshine, In..</b>	NYSERDA ADMINISTRATION, Janitorial Cleaning for NYGB	19,200
<b>Common Energy LLC</b>	LMI Community Solar, RFP3802 Low Income Comm Solar	112,654
<b>Comunilife, Inc</b>	Multifam Performance Pgm, Multifamily	35,100
<b>CON EDISON SOLUTIONS, INC.</b>	>200KW PV, NY Sun	65,042
<b>Conductors Court NY TC, LP</b>	Multifam Performance Pgm, Multifamily	31,850
<b>ConMed Corporation</b>	Industrial Process Effic, Industrial Process Efficiency	13,736
<b>Consensus Building Institute, Inc.</b>	CI Engy Siting & Soft Cost Red, TWO #2 A-TWG Facilitator	31,067
	Environmental Research, TWO #1 -Facilitator	19,637
	REC:CES REC System Dev Costs, TWO #2 A-TWG Facilitator	15,541
<b>CoolGreenPower LLC</b>	Air Source Heat Pumps, VHE HVAC	0
	NYCH: Innovation, VHE HVAC	80,723
<b>Cornell Cooperative Ext. Dutchess County</b>	Community Energy Engagement, CEEP Mid-Hudson Region (CCEDC)	65,489
	OTHER PROGRAM AREA, CEEP Mid-Hudson Region (CCEDC)	16,184
<b>Cornell Cooperative Extension - Tompkins</b>	Community Energy Engagement, CEEP Central New York (CCETC)	68,908
	Community Energy Engagement, CEEP North Country	56,320
	Community Energy Engagement, CEEP Southern Tier Region (CCE	23,789
	OTHER PROGRAM AREA, CEEP Central New York (CCETC)	6,357
	OTHER PROGRAM AREA, CEEP North Country	24,797
	OTHER PROGRAM AREA, CEEP Southern Tier Region (CCE	64,027
<b>Cornell Cooperative Extension of Sch..</b>	Community RH&C, CH&C Communities Round 3	44,000
<b>Cornell University</b>	70333 TWO 32	0
	Advancing Ag Engry Technologie, Advancing Ag Energy Tech PON	7,200
	CI Carbon Challenge, C&I Carbon Challenge	840,000
	Cleantech Geo Coverage, PON 4242	92,500
	Environmental Research, AQHE PON 3921	78,404
	Nat'l OffShWind R&D Consortium, Reducing LCoE from OSW	71,360
	OTHER PROGRAM AREA, 76West TWO 31	-1,387
	OTHER PROGRAM AREA, 70333 TWO 32	194,172
	OTHER PROGRAM AREA, 70333 TWO 33	252,034
	Reducing LCoE from OSW	71,360
<b>Corning Inc.</b>	On-Site Energy Manager, OsEM14-I-Erwin Manufacturing	78,771
<b>Cortex Building Intelligence, Inc.</b>	Real Time Engry Management, CBI - 111 W 40th St - RTEM	10,500
	Real Time Engry Management, CBI - 140 E 45th St - RTEM	7,004
	Real Time Engry Management, CBI - 885 2nd Ave - RTEM	14,889
	Real Time Engry Management, CBI-250 W 57th-RTEM	4,828
	Real Time Engry Management, CBI-1285 Ave of Americas-RTEM	48,238
	Real Time Engry Management, CBI-1333 Broadway-RTEM	56,370
	Real Time Engry Management, CBI-1700 Broadway-RTEM	11,268
	Real Time Engry Management, Cortex-1 Grand Central PI-RTEM	22,536
	Real Time Engry Management, Cortex-350 5th Ave-RTEM	32,400
<b>Council Rock Enterprises</b>	Talent Pipeline:CE and OJT, OJT HIRE	25,547
<b>Country Suburban Heating &amp; Air Cond..</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	1,620
<b>County Cooling, Corp.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	2,469
<b>County Heat &amp; AC, LLC</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	9,600
	Talent Pipeline:CE and OJT, OJT HIRE	5,100
<b>County of Cayuga</b>	Clean Energy Communities, CEC210200 - Cayuga County	124,683
<b>Croton Energy Group, Inc.</b>	<200KW PV, PON 2112 NY SUN	69,685

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
CrystalCreek Organics Inc.	OTHER PROGRAM AREA, Trial to enhance anaerobic dig	85,000
curbFlow Inc	Pub Transit & Elect Rail, Terminal Frontage Management	4,805
Cutone & Company Consultants, LLC	Commercial Real Estate Ten, LCA - 151 W 26th St Fl 8 - CTP	9,828
	Talent Pipeline:CE and OJT, OJT HIRE	16,000
Cycle Architecture PLLC	Buildings of Excellence, BoE Rnd 1 - Design Team Incen.	23,892
D & R International Ltd	Eval MCDC Cross Cutting, Heating & Cooling Reports	23,100
Dagmy Motors Inc.	Energy Storage Tech/Prod Dev, PON 3585 R2	41,670
Dailey Electric Inc	NYCH: Talent Ppln:CE and OJT, OJT HIRE	4,393
	NYCH: Talent Ppln:CE and OJT, Workforce Dev & Train	3,420
DALY 180 Housing Fund Development..	Multifam Performance Pgm, Multifamily	14,700
Dandelion Energy Inc	NYCH: Talent Ppln:CE and OJT, OJT HIRE	19,150
Darling Advertising Agency Inc.	Off-Shore Wind Master Plan, Marketing Support for NYSERDA	19,350
David Homebuilders, Inc.	Low Rise New Construction, New Construction	4,100
Day Automation Systems, Inc.	K-12 SCHOOLS, P12GC-11_E - Elmira CSD - PON	144,395
	K-12 SCHOOLS, P12GC-27_E - Barker CSD - PON	10,143
	NYCH: Technical Assistance, P12GC-11_E - Elmira CSD - PON	0
Dayton T. Brown, Inc.	Pub Transit & Elect Rail, Subway energy use analysis	12,244
DealCloud Inc.	NEW YORK GREEN BANK, DealCloud Licensing	116,980
DeChantal Apartments, Inc.	Multifam Performance Pgm, Multifamily	50,501
Delaware Court Apartments LLC	Multifam Performance Pgm, Multifamily	10,400
Delta Dental of New York	NYSERDA ADMINISTRATION, Delta Dental Premiums 2020-202	131,512
DEMCO New York Corp.	Talent Pipeline:CE and OJT, OJT HIRE	1,091
DG New York CS, LLC	>200KW PV, NY Sun	370,341
Digital Energy Corp	Energy Storage Tech/Prod Dev, PON3585 R4 Energy Storage Tech	12,000
Digital Realty Trust	Industrial Process Effic, Industrial Process Efficiency	129,271
DiLernia Marine Services, Inc	OREC: Technical Support, OSW Fisheries Liaison	42,918
Dimensional Energy	Cleantech Ignition, PON 3871 Ignition Grants	5,000
Dimien Inc.	Energy Storage Tech/Prod Dev, zVO pouch cell proof concept	13,000
DNV Energy Insights USA Inc.	Air Source Heat Pumps, TWO 6 - Performance Monitoring	39,441
	Campus/Technical Assistance, Concierge Services - ERS - TWO	0
	CI Carbon Challenge, CICC1904 - IBM Corporation	15,485
	Clean Energy Communities, TWO 9 - CEC	140,929
	Combined Heat and Power, RFP 3643 Tech To Market	60,860
	Combined Heat and Power, TWO 1 On Site Res Power	67,500
	Commercial New Construc, TWO 2 - New Construction Eval	20,480
	Commercial Real Estate Ten, TWO 5 CEF Comm Impact_ERS	58,846
	Commercial Real Estate Ten, TWO 8 CEF Comm Impact_DNV	44,077
	Electric Vehicles - Innovation, Concierge Services - ERS - TWO	0
	ENERGY ANALYSIS, TWO#1 OSW Resource Planning	9,490
	Eval MCDC New Const Commercial, TWO 2 - New Construction Eval	14,757
	Eval MCDC New Const Multifamil, TWO 2 - New Construction Eval	10,541
	Eval MCDC New Const Residentia, TWO 2 - New Construction Eval	10,541
	EVALUATION, TWO 1 - WFD BLDG/Talent	17,883
	EVALUATION, TWO 6 - Performance Monitoring	10,230
	Geothermal Incentive Program, TWO 6 - Performance Monitoring	126,769
	Industrial Process Effic, Concierge Services - ERS - TWO	0
	Industrial Process Effic, IPE16248	2,297
	K-12 SCHOOLS, TWO 5 CEF Comm Impact_ERS	69

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>DNV Energy Insights USA Inc.</b>	K-12 SCHOOLS, TWO 8 CEF Comm Impact_DNV	47,790
	Low Rise New Construction, TWO 2 - New Construction Eval	14,155
	Multifam New Construction, TWO 2 - New Construction Eval	14,155
	Multifam Performance Pgm, Concierge Services - ERS - TWO	0
	New Construction- Commercial, Commercial New Construction	23,358
	NYCH: District, Concierge Services - ERS - TWO	59,120
	Off-Shore Wind Pre-Dev Act, RFP3855 Cat2 DMAC Float. LiDar	7,850
	On-Site Energy Manager, Concierge Services - ERS - TWO	0
	Real Time Enrgy Management, Concierge Services - ERS - TWO	0
	Real Time Enrgy Management, TWO 5 CEF Comm Impact_ERS	0
	Real Time Enrgy Management, TWO 8 CEF Comm Impact_DNV	0
	REV Campus Challenge, Efficiency Planning & Engineer	8,457
	REV Campus Challenge, TWO 5 CEF Comm Impact_ERS	38,849
	REV Campus Challenge, TWO 8 CEF Comm Impact_DNV	53,914
	Talent Pipeline:CE and OJT, TWO 1 - WFD BLDG/Talent	25,571
	Technical Services, AEAP	5,908
	Technical Services, Cannabis - TWO - ERS	27,378
	Technical Services, Concierge Services - ERS - TWO	0
	Technical Services, Efficiency Planning & Engineer	8,457
	Technical Services, FT13163 - 650 Brush Ave - FTC	5,666
Technical Services, FT13281 - 18-1 Steinway - FTC	8,624	
Workforce Industry Partnership, TWO 1 - WFD BLDG/Talent	35,346	
<b>DNV GL Energy USA, Inc.</b>	Environmental Research, PV Solar Site Design- PON 4270	6,130
<b>Do-It-With Inc.</b>	Talent Pipeline:CE and OJT, OJT HIRE	23,726
<b>Doherty Electric, LLC</b>	<200KW PV, PON 2112 NY SUN	7,735
<b>Dollaride, Inc.</b>	Cleantech Ignition, PON 3871 Ignition Grants	8,205
	Pub Transit & Elect Rail, Tech-enabled dollar vans	117,940
<b>Dori Doors &amp; Security, Inc</b>	NYSERDA ADMINISTRATION, Doors for NYC office	1,800
<b>DRYDEN-TOMPKINS SOLAR II LLC</b>	>200KW PV, NY Sun C&I	614,482
	>200KW PV, NY-Sun C&I	2,204,285
<b>Dual Fuel Corp</b>	Real Time Enrgy Management, DF - 250 West 103rd St - RTEM	40,050
	Real Time Enrgy Management, DF - 718 Broadway - RTEM	540
	Real Time Enrgy Management, DF - 798 9th Avenue - RTEM	26,400
	Real Time Enrgy Management, DF - 1010 Sherman Ave - RTEM	40,500
	Real Time Enrgy Management, DF - 1855 7th Avenue - RTEM	39,900
	Real Time Enrgy Management, Dual Fuel Corp-800 Grand-RTEM	1,440
	Real Time Enrgy Management, Dual Fuel- 311 E 71st St -RTEM	30,750
	Real Time Enrgy Management, Dual Fuel-36 E 22nd St-RTEM	795
	Real Time Enrgy Management, Dual Fuel-215 E 59th St-RTEM	810
	Real Time Enrgy Management, Dual Fuel-304 St Johns PI-RTEM	855
	Real Time Enrgy Management, Dual Fuel-370 Westchester-RTEM	585
	Real Time Enrgy Management, Dual Fuel-404 W 54th St-RTEM	56,400
	Real Time Enrgy Management, Dual Fuel-409 E 84th St-RTEM	1,200
	Real Time Enrgy Management, Dual Fuel-447 Fort Washin-RTEM	1,035
	Real Time Enrgy Management, Dual Fuel-1898 Belmont-RTEM	720
	Real Time Enrgy Management, Dual Fuel-1900 Belmont-RTEM	720
	Real Time Enrgy Management, Dual Fuel-1908 Belmont-RTEM	720
Real Time Enrgy Management, Dual Fuel-Multisites-RTEM	45,150	

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Dunkirk Renovation and Ownership, L..</b>	Low Rise New Construction, New Construction	36,100
<b>Dunn Paper</b>	Industrial Process Effic, Industrial Process Efficiency	235,188
	On-Site Energy Manager, OsEM73-I - Dunn Paper	25,823
<b>DVM Industries</b>	Talent Pipeline:CE and OJT, OJT HIRE	10,240
<b>E Source Companies LLC</b>	Informat. Products & Brokering, DER Data Platform Pilot	61,393
<b>E-Mobility Market Services, Inc.</b>	Talent Pipeline:CE and OJT, OJT HIRE	20,480
<b>Eagle Creek Hydro Power LLC</b>	LARGE SCALE RENEWABLES, 8th RPS Main Tier Solicitation	45,025
	REC:CES REC Contracts, 11th Main Tier Solicitation	141,875
<b>EagleHawk One, Inc.</b>	Cleantech Ignition, PON 3871 Ignition Grants	85,000
<b>Earth Sensitive Solutions, LLC</b>	Geothermal Incentive Program, Large-Scale GSHP Rebate	476,856
<b>Eastern Research Group, Inc.</b>	ENERGY ANALYSIS, TWO #1 CLCPA GHG	76,956
	ENVIRONMENTAL RESEARCH, Environmental Outreach	2,065
	Environmental Research, TWO #2 Coordinator Assessment	240,091
	EVPRZ:Implementation, Clean Transportation	116,017
<b>Eco Heating &amp; Cooling Inc</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	5,591
<b>Ecoelectro Inc</b>	Energy Storage Tech/Prod Dev, Modular Ultra-Stable Alkaline	15,840
<b>Ecology &amp; Environment, Inc.</b>	Environmental Research, Owner's Engineering	88,056
<b>Ecology and Environment Engineering</b>	Environmental Research, TWO #20 G&G Survey	4,677
	OREC: Technical Support, TWO #22 Coastal Cable Study	105,186
<b>EcoMarkets LLC</b>	LARGE SCALE RENEWABLES, 8th RPS Main Tier Solicitation	25,470
<b>Ecosave, Inc.</b>	Real Time Enrgy Management, Ecosave-334 Amsterdam Ave-RTEM	7,601
	Real Time Enrgy Management, Ecosave-5901 Palisade Ave-RTEM	29,041
<b>Ecovis, Inc.</b>	<200KW PV, NY-Sun	7,488
<b>Edison Energy, LLC</b>	Technical Services, Indoor Air Quality TWO -Edison	10,860
<b>Eiger 3970 Consultants Inc.</b>	<200KW PV, NY-Sun	133,038
	<200KW PV, PON 2112 NY SUN	46,109
	NY-SUN, NY-Sun	88,692
<b>Electric Power Research Institute</b>	DER Integration(Intrcnct), PON4094 DER Interconnection	180,000
	High Performing Grid, Improved Grid Flexibility/Resp	2,000
	High Performing Grid, PON 3397 CAT D	290,500
	High Performing Grid, PON 3770	355,139
	High Performing Grid, PON3770 Effective Grounding	330,012
	High Performing Grid, PON4128 Future Grid Challenge	324,418
	High Performing Grid, RFP3265 Umbrella Contract	56,089
	High Performing Grid, Smart Inverter Setting Guide	94,325
	SMART GRID SYSTEMS, Electric Power Trans & Dist Sm	285,000
<b>Electrical Distribution Design, Inc.</b>	DER Integration(Intrcnct), PON 3404 DER Integration	47,750
	High Performing Grid, Solar, Load, Outage Forecast	165,441
<b>Electrification Coalition Foundation</b>	Electric Vehicles - Innovation, Task Work Order No. 1	5,986
<b>Elisa Miller-Out</b>	Innovation Advisors, RFP 3859	81,241
<b>Elmwood West Solar 1, LLC</b>	>200KW PV, NY-Sun C&I	141,973
<b>Ember Strategies, LLC</b>	Empire Building Challenge, EBC Strategic	25,000
	NYCH: Empire Build Challenge, EBC Strategic	25,000
<b>EMCOR Services Betlem</b>	Flexible Tech Assistance, FT12207-AmericanPack-FTC	884
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	Technical Services, AGG1008-EMCOR Services Betlem	21,678
	Technical Services, FT13415 - Keurig - FTC	5,597
	Technical Services, Indoor Air Quality TWO - Emcor	66,405



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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>EME Consulting Engineering Group, LLC</b>	CI Carbon Challenge, SA.034_TWO#4 - Industrial	20,121
	Commercial New Construc, SA.038A_TWO #7 - New Con	2,378
	Commercial Real Estate Ten, FlexTech Consultant Selection	17,809
	Commercial Real Estate Ten, SA.045_TWO# 6_AES PM	28,711
	Commercial Real Estate Ten, SA.052_TWO #9 - EP&E	25,379
	Commercial Real Estate Ten, Staff Augmentation Services	66,724
	Empire Building Challenge, SA.065a - TWO #12 - AES_PM	118,962
	EXISTING FACILITIES, Staff Augmentation Services	0
	Flexible Tech Assistance, FT12267 -Barnard College- FTC	24,913
	Flexible Tech Assistance, Staff Augmentation Services	11,123
	Home Perf w Energy Star, Staff Augmentation Services	51,136
	Industrial Process Effic, SA.034_TWO#4 - Industrial	10,873
	Industrial Process Effic, Staff Augmentation Services	12,434
	Industrial Process Effic, Tech Review and Program Staff	8,375
	K-12 SCHOOLS, SA.036c_TWO #8 - EP&E	10,594
	K-12 SCHOOLS, SA.052_TWO #9 - EP&E	65,223
	MARKET PATHWAYS, FlexTech Consultant Selection	40,170
	New Construction Housing, SA.038A_TWO #7 - New Con	122,359
	New Construction- Commercial, SA.038A_TWO #7 - New Con	3,171
	NY-SUN, Staff Augmentation Services	0
	NYCH: Comfort Home, Staff Augmentation Services	1,889
	NYCH: Technical Assistance, FT13327 - 25-98 36th - FTC	8,750
	NYSERDA ADMINISTRATION, Staff Augmentation Services	0
	Real Time Enrgy Management, FlexTech Consultant Pool	77,494
	Real Time Enrgy Management, SA.056_TWO #10 - RTEM MF	96,446
	Real Time Enrgy Management, SA.073_TWO# 13_AES PM	90,607
	Renewable Heat NY, Staff Augmentation Services	13,258
	Retrofit NY, SA.057_TWO #11 - Multifamily	79,564
	REV Campus Challenge, SA.036c_TWO #8 - EP&E	44,337
	REV Campus Challenge, SA.052_TWO #9 - EP&E	25,835
	REV Campus Challenge, Staff Augmentation Services	8,399
	SA.076_TWO# 14_FS BA	53,016
	Staff Augmentation Services	66,298
	Strategic Energy Manager, SA.034_TWO#4 - Industrial	1,357
	Strategic Energy Manager, SA.044_TWO#5_EPE PM	33,303
	Strategic Energy Manager, Staff Augmentation Services	4,231
	Talent Pipeline:CE and OJT, OJT HIRE	106,240
	Technical Services, SA.036c_TWO #8 - EP&E	44,337
	Technical Services, SA.052_TWO #9 - EP&E	20,316
	Technical Services, Staff Augmentation Services	129,907
<b>Emergent Urban Concepts, LLC</b>	Empire Building Challenge, Support for Empire Building Ch	32,261
	NYCH: Empire Build Challenge, Support for Empire Building Ch	75,276
<b>Empire Solar Solutions LLC</b>	<200KW PV, PON 2112 NY SUN	124,725
<b>Empower CES, LLC</b>	>200KW PV, NY-Sun	19,712
	ENERGY STORAGE, PON 2112 NY SUN	34,625
<b>Empower Equity Inc</b>	Talent Pipeline:CE and OJT, OJT HIRE	2,813
<b>ENER-G Rudox, LLC</b>	Combined Heat and Power, CHPA - Calvary Hospital	274,445
	Combined Heat and Power, CHPA - St. Mary's Hospital	123,911

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Eneractive Solutions</b>	Flexible Tech Assistance, FT12281 - Schwartz - FTC	22,950
	Flexible Tech Assistance, FT12282 - Main Campus - FTC	101,380
<b>Enercon Services Inc</b>	WEST VALLEY DEVELOPMENT PROGRAM, RFP 3305 Licence Consultat..	9,880
<b>Energy &amp; Resource Solutions, Inc.</b>	Air Source Heat Pumps, TWO 6 - Performance Monitoring	25,022
	Campus/Technical Assistance, Concierge Services - ERS - TWO	44,053
	Combined Heat and Power, RFP 3643 Tech To Market	18,248
	Commercial Real Estate Ten, TWO 5 CEF Comm Impact_ERS	7,431
	Electric Vehicles - Innovation, Concierge Services - ERS - TWO	0
	EVALUATION, TWO 6 - Performance Monitoring	10,416
	Geothermal Incentive Program, TWO 6 - Performance Monitoring	78,320
	Industrial Process Effic, Concierge Services - ERS - TWO	0
	K-12 SCHOOLS, Efficiency Planning & Engineer	0
	K-12 SCHOOLS, TWO 5 CEF Comm Impact_ERS	9
	Multifam Performance Pgm, Concierge Services - ERS - TWO	0
	NYCH: District, Concierge Services - ERS - TWO	0
	On-Site Energy Manager, Concierge Services - ERS - TWO	0
	Real Time Enrgy Management, Concierge Services - ERS - TWO	0
	Real Time Enrgy Management, TWO 5 CEF Comm Impact_ERS	0
	REV Campus Challenge, Efficiency Planning & Engineer	3,975
	REV Campus Challenge, TWO 5 CEF Comm Impact_ERS	4,906
	Technical Services, Cannabis - TWO - ERS	2,841
	Technical Services, Concierge Services - ERS - TWO	0
	Technical Services, Efficiency Planning & Engineer	3,975
<b>Energy and Environmental Economics Inc.</b>	>200KW PV, TWO#27 CValue&Solar Wht Papers	145,906
	Electric Vehicles - Innovation, TWO#24 REV for CTR Grid Impact	17,777
	ENERGY ANALYSIS, TWO #28 BEEM Tool & Scenarios	231,570
	ENERGY ANALYSIS, TWO#15 Solar PV Adoption Forec	5,155
	ENERGY ANALYSIS, TWO#21 - NG Avoided Cost Tool	1,234
	ENERGY ANALYSIS, TWO#22 Bldg. Elec. Roadmap	24
	ENERGY ANALYSIS, TWO#23 CLCPA Techno-Economic	380,259
	ENVIRONMENTAL RESEARCH, TWO#23 CLCPA Techno-Economic	173,161
	Grid Emissions Whitepaper, TWO#26 Grid Emission Factors	68,774
	Mkt Char: Tech Assist, TWO 13 - VDER Phase 2	9,582
	Mkt Char: Tech Assist, TWO#27 CValue&Solar Wht Papers	36,477
	New Construction Housing, TWO 20 NZE Road Map - 2019	17,494
	New Construction- Commercial, TWO 20 NZE Road Map - 2019	17,494
	NYCH: Roadmap, TWO#22 Bldg. Elec. Roadmap	149,979
	OTHER PROGRAM AREA, TWO#22 Bldg. Elec. Roadmap	53
	Product Standards, TWO #28 BEEM Tool & Scenarios	71,252
<b>Energy Conservation &amp; Supply, Inc.</b>	Talent Pipeline:CE and OJT, OJT HIRE	11,125
	Talent Pipeline:CE and OJT, Workforce Dev & Train	5,000
<b>Energy Futures Group, Inc.</b>	EMERGING TECHNOLOGY / ACCELERATED COMMERCIALIZATION, P..	29,319
<b>Energy Management Solutions, LLC</b>	Talent Pipeline:CE and OJT, OJT HIRE	5,760
<b>Energy Power investment Company, L..</b>	LARGE SCALE RENEWABLES, Large-Scale Renewables	348,973
<b>Energy Spectrum, Inc.</b>	Technical Services, FT13088 - 233 Broadway - FTC	23,787
<b>Energy Technology Savings, Inc.</b>	Real Time Enrgy Management, Energy Tec-108 W 107th St-RTEM	893
	Real Time Enrgy Management, Energy Tech-201 E 87th St-RTEM	2,499
	Real Time Enrgy Management, Energy Tech-645 W 45th St-RTEM	637

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Energy Technology Savings, Inc.</b>	Real Time Enrgy Management, Energy Tech-757 3rd Ave RTEM	3,000
	Real Time Enrgy Management, ETS - 101 West End Ave - RTEM	1,800
	Real Time Enrgy Management, ETS - Moinian Sky - RTEM	1,440
	Real Time Enrgy Management, ETS, Inc - 757 3rd Ave - RTEM	3,600
<b>Energy Vision</b>	Advancing Ag Enrgy Technologie, Advancing Ag Energy Tech PON	3,000
<b>Enertiv Inc.</b>	Cleantech ICC Engage, Co-Investment Fund Prgm RFQL	80,000
	Real Time Enrgy Management, Enertiv - 100 Willoughby -RTEM	2,736
<b>Enica Engineering, PLLC</b>	NYCH: Technical Assistance, FT13147 - NYPH Manhattan - FTC	57,614
	REV Campus Challenge, FT13436 - 410 W. 118th - FTC	56,175
	Technical Services, FT13348 - 777 Old Saw - FTC	46,793
<b>Enlighten Solar Inc</b>	>200KW PV, NY-Sun C&I	2,451
<b>ENNOVEA, LLC</b>	Industrial Process Effic, Industrial Process Efficiency	23,082
<b>Ensave, Inc.</b>	Advancing Ag Enrgy Technologie, Advancing Ag Energy Tech PON	8,000
	Technical Services, AEEP Implementation Contractor	115,076
	Technical Services, Agricultural Best Practices	27,863
<b>Episcopal Senior Housing Penfield LLC</b>	New Construction Housing, 2019 LRNCP	17,100
<b>Equinix Inc.</b>	LARGE SCALE RENEWABLES, 8th RPS Main Tier Solicitation	124,820
<b>Erdman Anthony &amp; Associates, Inc.</b>	Commercial New Construc, Commercial New Construction	5,830
	Commercial New Construc, RFP3771 Umbrella Contract	5,093
	NYSERDA ADMINISTRATION, Building 17 FlexTech Study TWO	11,240
	Technical Services, Ft13435 - 165 Court - FTC	6,064
<b>Erie Boulevard Hydropower LP</b>	LARGE SCALE RENEWABLES, RPS Program Purchase of Renewa	789
	LARGE SCALE RENEWABLES, School Street Hydro Project	17,471
	LARGE SCALE RENEWABLES, Stewarts Bridge Hydro Project	76,629
	REC:CES REC Contracts, 10th RPS Main Tier Solicitatio	14,114
	REC:CES REC Contracts, 11th Main Tier Solicitation	34,987
<b>Erie Wind LLC</b>	LARGE SCALE RENEWABLES, Steel Winds II (RFP1851)	413,180
<b>ESNY-303, LLC</b>	NY-SUN, PV System @ Kinder Morgan Term	632,178
<b>ESNY-JFK-PLDB LLC</b>	>200KW PV, NY-Sun	419,832
<b>ESNY-PLD-JFKA, LLC</b>	>200KW PV, NY-Sun	373,716
<b>ESNY-PLD-JFKC, LLC</b>	>200KW PV, NY-Sun	347,004
<b>ESNY-PLD-JFKD, LLC</b>	>200KW PV, NY-Sun	603,288
<b>Essense Partners Inc.</b>	Electric Vehicles - Innovation, Marketing Support for NYSERDA	75,841
<b>Essex County Government Center</b>	CLEANER GREENER COMMUNITIES, CGC31777 - Essex County	20,500
<b>Extraterrestrial Materials Inc.</b>	<200KW PV, PON 2112 NY SUN	45,143
<b>Faraday, Inc.</b>	Community RH&C, RFP3761 Customer Targeting Too	45,600
	Informat. Products & Brokering, RFP3761 Customer Targeting Too	30,000
	NYCH: Comfort Home, RFP3761 Customer Targeting Too	450
	NYCH: Supply Chain, RFP3761 Customer Targeting Too	450
<b>FFP NY Rome Project1, LLC</b>	>200KW PV, NY-Sun Payee Assignment	524,981
<b>Fifth Avenue Committee, Inc.</b>	New Construction Housing, 2019 MFCNP	16,400
	NY-SUN, FAC Solar	5,000
<b>Fifth Street Properties, LLC</b>	NYCH: Technical Assistance, FT13065 - 787 7th Ave - PON	0
	Technical Services, FT13065 - 787 7th Ave - PON	37,500
<b>First Columbia Property Services, LLC</b>	NYSERDA ADMINISTRATION, Property Management	97,396
<b>Florenton River LLC</b>	<200KW PV, PON 2112 NY SUN	14,343
<b>Foam It Insulation, LLC</b>	Talent Pipeline:CE and OJT, OJT HIRE	16,036
<b>Fogarty Solar LLC</b>	>200KW PV, NY-Sun C&I	554,592

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Forbes-Capretto Homes</b>	Low Rise New Construction, 2019 LRNCP	5,700
<b>Four Points Group, Inc.</b>	OTHER PROGRAM AREA, RFQL 3685 R2	27,988
<b>Fourth Coast, Inc.</b>	<200KW PV, PON 2112 NY SUN	33,094
<b>Fred F. Collis &amp; Sons, Inc.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	21,186
	Talent Pipeline:CE and OJT, OJT HIRE	21,596
<b>Frederick A Proven</b>	<200KW PV, PON 2112 NY SUN	5,198
<b>Fresenius KabiUSA, LLC</b>	On-Site Energy Manager, OsEM44-I Fresenius KabiUSA	27,385
<b>Frontier Energy, Inc.</b>	ANAEROBIC DIGESTER, ADG - Frontier - TWO	1,513
	Campus/Technical Assistance, Technical Review_Prgm Support	1,509
	Combined Heat and Power, ADG - Frontier - TWO	1,513
	COMBINED HEAT AND POWER, DG Integrated Data System	264,855
	COMBINED HEAT AND POWER, Technical Review_Prgm Support	24,733
	Community RH&C, Technical Review_Prgm Support	4,860
	ESTOR: Implementation Support, TWO 1 Cat 2 Energy Storage	71,911
	ESTOR: Implementation Support, TWO 2 Cat. 3 Energy Storage	213,643
	Geothermal Incentive Program, 3695 TWO Umbrella Agreement	42,675
	Geothermal Incentive Program, Technical Review_Prgm Support	2,496
	Industrial Process Effic, IPE16229	1,404
	Industrial Process Effic, IPE16254	51
	K-12 SCHOOLS, P12GC- Tech Support - Frontier	9,834
<b>Fund for Public Health in New York, In..</b>	Environmental Research, Assessment for Energy Policy	45,754
<b>Fund for Public Housing, Inc.</b>	NY-SUN, Affordable Solar NYCHA ACCESSo	11,009
<b>Fusco Personnel, Inc.</b>	Cleantech ICC Engage, TS.020_TBI_Coordinator	4,950
	Energy Storage Tech/Prod Dev, TS.020_TBI_Coordinator	4,950
	High Performing Grid, TS.020_TBI_Coordinator	4,950
	NYCH: Innovation, TS.020_TBI_Coordinator	4,950
	Pub Transit & Elect Rail, TS.020_TBI_Coordinator	4,950
	REC:CES REC System Dev Costs, TS.007/TS.016 - Office Adm LSR	28,632
<b>Fusion Energy Services LLC</b>	<200KW PV, NY-Sun	18,480
	<200KW PV, PON 2112 NY SUN	17,500
<b>G&amp;S Operations LLC</b>	>200KW PV, PON 2112 NY SUN	89,760
<b>Gardline Marine Sciences Inc</b>	Environmental Research, G&G Investigation for OSW	301,352
<b>Gas Technology Institute</b>	NYCH: Innovation, PON3519 Round 1.	13,131
<b>GBA Commissioning Services, Inc</b>	Technical Services, FT13305 - 11 West 53rd - FTC	70,662
<b>GCOM Software LLC</b>	NYSERDA ADMINISTRATION, Salesforce	558,795
<b>GDS Associates, Inc.</b>	Technical Services, Agricultural Best Practices	358
<b>Geatrain Engineering PLLC</b>	Commercial Real Estate Ten, Geatrain-9920 Fourth Ave Fl 1	5,000
<b>General Electric Co. Global Research</b>	Nat'l OffShWind R&D Consortium, Natl Offshore Wind R&D	48,365
	Natl Offshore Wind R&D	48,365
	On-Site Energy Manager, OsEM23- GE Global Research Cen	18,013
<b>General Electric Company</b>	Nat'l OffShWind R&D Consortium, Natl Offshore Wind R&D	129,224
	Natl Offshore Wind R&D	129,224
<b>General Electric International, Inc.</b>	High Performing Grid, Grid Performance Gaps	60,000
<b>Generate Buffalo Digester LLC</b>	REC:CES REC Contracts, 8th RPS Main Tier Solicitation	62,790
<b>Generate Capital Inc.</b>	<200KW PV, NY-Sun	122,706
	>200KW PV, NY-Sun	1,247,790
<b>Generate NY Community Solar I, LLC</b>	>200KW PV, NY-Sun C&I	471,051
	LMI Community Solar, RFP3802 Low Income Comm Solar	171,644

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Generate NY Community Solar Lessor II, L</b>	>200KW PV, NY Sun CI Assignment	139,349
	>200KW PV, NY-Sun C&I	284,682
	>200KW PV, NYSun CI Assignment	209,384
<b>Generate NY Community Solar Lessor III,</b>	>200KW PV, NY Sun	488,689
	Solar Plus Energy Storage, NY Sun	1,424,500
<b>George E Denmark II</b>	<200KW PV, PON 2112 NY SUN	13,052
<b>Geotherm Inc.</b>	NYCH: Talent PpIn:CE and OJT, OJT HIRE	412
	Talent Pipeline:CE and OJT, OJT HIRE	0
<b>GI Endurant LLC</b>	NYCH: District, PON 4614 Round #1	22,285
	NYCH: District, PON4614 Round #1 The Peninsula	18,775
<b>GIP III Zephyr Acquisition Partners L.P.</b>	LMI Community Solar, RFP3802 Low Income Comm Solar	299,590
<b>Gloversville Community Solar LLC</b>	>200KW PV, NY Sun C&I Assignment	1,029,105
<b>Gloversville-Johnstown Joint Wastew..</b>	ANAEROBIC DIGESTER, Gloversville-Johnstown Joint W	82,674
<b>Goldman Copeland Associates, P.C.</b>	Commercial Real Estate Ten, GCA - 250 W 57th Street 24FL	5,997
	Commercial Real Estate Ten, GCA-1400 Broadway FI 16-CTP	8,986
	Commercial Real Estate Ten, GCA-SLGreen-MultiSites(25)-CTP	29,608
	Commercial Real Estate Ten, GoldmanCopeland-60 E 42 St	5,479
	Technical Services, AGG1006 - GoCo - Portfolio 3	6,750
	Technical Services, AGG1007 - GoCo - Portfolio 4	5,000
	Technical Services, FT13015 - 4 Union - FTC	13,994
	Technical Services, FT13016 - 50 West 57th - FTC	10,991
	Technical Services, FT13041 - 1071 5th - FTC	3,633
	Technical Services, FT13044 - 304 Park - FTC	3,401
	Technical Services, FT13052 - 395 Hudson - FTC	2,519
	Technical Services, FT13068 - 1 Park Ave - FTC	5,496
	Technical Services, FT13070 - 11 Penn Plaza - FTC	5,496
	Technical Services, FT13071 - 100 West 33rd - FTC	5,496
	Technical Services, FT13072 - 731 Lexington - FTC	5,496
	Technical Services, FT13076 - 770 Broadway - FTC	5,496
	Technical Services, FT13077 - 435 7th - FTC	5,496
	Technical Services, FT13080 - 1400 Broadway - FTC	9,477
	Technical Services, FT13086 - 520 8th Ave - FTC	2,102
	Technical Services, FT13112 - 1 Dag - FTC	7,980
	Technical Services, FT13113 - 1700 Broadway - FTC	9,482
	Technical Services, FT13122 - Roxy Hotel - FTC	12,942
	Technical Services, FT13123 - Soho Grand - FTC	13,868
	Technical Services, FT13274 - 512 W 22nd - FTC	4,214
	Technical Services, FT13400 - 30 Lincoln - FTC	11,778
	Technical Services, FT13506 - 330 Madison - FTC	10,495
	Technical Services, FT13535 - Heavenly Rest - FTC	9,851
Technical Services, Indoor Air Quality TWO - Gold.	52,755	
<b>Gotham 360 LLC</b>	Remote Energy Management, RFP 3683 REM Program	37,500
<b>Grand Island Solar, LLC</b>	LMI Community Solar, SFA - BlueRock Grand Island	119,447
<b>Grant Street Apartments LLC</b>	Low Rise New Construction, New Construction	51,200
<b>Graphenix Development Inc.</b>	Cleantech ICC Engage, Co-Investment Fund Prgm RFQL	10,000
<b>Gree Mechanical Services USA Corp</b>	NYCH: Talent PpIn:CE and OJT, OJT HIRE	29,480
	Talent Pipeline:CE and OJT, OJT HIRE	2,560
<b>Green City Force</b>	Talent Pipeline:CE and OJT, PON3981 Round 6	54,772

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Green Eagle Solar II, LLC</b>	>200KW PV, NY-Sun C/I	273,215
<b>Green Eagle Solar IV, LLC Series I</b>	>200KW PV, NY-Sun	227,687
	>200KW PV, NY-Sun C&I Assignment	230,605
<b>Green Eagle Solar VI, LLC</b>	>200KW PV, NY Sun CI Assignment	233,085
	>200KW PV, NY-Sun	192,165
	>200KW PV, NY-Sun CI Payee Assignment	206,659
<b>Green Home Logic, Inc.</b>	WORKFORCE DEVELOPMENT, OJT HIRE	12,000
<b>Green Hybrid Energy Solutions Inc.</b>	<200KW PV, NY-Sun	8,110
	<200KW PV, PON 2112 NY SUN	8,736
	>200KW PV, PON 2112 NY SUN	9,690
<b>Green Light New York, Inc.</b>	Commercial Real Estate Ten, Energy Efficiency Training TWO	119,882
<b>Green Street Power Partners LLC</b>	>200KW PV, PON 2112 NY SUN	464,584
<b>Green Team USA, LLC</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	25,063
	WORKFORCE DEVELOPMENT, OJT HIRE	12,958
<b>Greenologists</b>	Multifam Performance Pgm, Multifamily	50,600
<b>Greenpac Holding LLC</b>	CI Carbon Challenge, C&I Carbon Challenge	190,893
<b>Greenwood Dairy Farm, LLC</b>	ANAEROBIC DIGESTER, RPS CST ADG to Electricity Pro	24,907
	NEW CONSTRUCTION PROGRAM, RPS CST ADG to Electricity Pro	24,907
<b>Grid City Electric Corp</b>	<200KW PV, NY-Sun	29,256
	>200KW PV, NY-Sun	19,504
	>200KW PV, PON 2112 NY SUN	119,567
<b>Groundswell, Inc.</b>	NY-SUN, PON 3414 - Rochester Clarissa	5,000
	NY-SUN, PON 3414 Exchange St Rochester	5,000
<b>Groundwork Hudson Valley</b>	NY-SUN, PON 3414 - SW Yonkers Outreach	5,000
<b>GSPP 181 Bay, LLC</b>	>200KW PV, NY-Sun	87,552
<b>GSPP East 91 LLC</b>	>200KW PV, NY-Sun	114,552
<b>GSPP Grand Island B, LLC</b>	>200KW PV, NY-Sun C&I	80,444
<b>GSPP Preston CT, LLC</b>	>200KW PV, NY-Sun	197,136
<b>Guidehouse Inc.</b>	Energy Storage Tech/Prod Dev, RFQ3183 Umbrella Agreement	17,515
	Environmental Research, TWO #2 Equitable Cooling	36,009
	ENVIRONMENTAL RESEARCH, TWO #3 HFC Mitigation	20,579
	EVALUATION, TWO #4 PM&IP	5,136
	Healthy Homes VB Payment Pilot, TWO 3 NYS Healthy Homes VBP	94,254
	Mkt Char: Tech Assist, Tech Assist, REV Pool	18,565
	NEW YORK GREEN BANK, TWO #1 - Price Forecast	110,853
	NYCH: LMI, TWO 5	325,280
	REV Connect, REV Connect Initiative	384,143
	Rmve Barriers Dist Enrgy Storg, RFQ3183 Umbrella Agreement	16,882
<b>Guth Deconzo Consulting Engineers</b>	Technical Services, IAQ-Higher Education-Guth TWO	14,865
	Technical Services, Indoor Air Quality TWO - Guth	14,619
<b>H.E.L.P Development Corp.</b>	New Construction Housing, 2019 MFCNP	15,800
<b>Halcyon, Inc.</b>	<200KW PV, NY-Sun	5,440
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	45,779
	Talent Pipeline:CE and OJT, OJT HIRE	21,963
<b>Harris Beach PLLC</b>	NEW YORK GREEN BANK, Green Bank PAAA	9,387
<b>Harris Wiltshire &amp; Grannis LLP</b>	NYSERDA ADMINISTRATION, Outside Counsel for Resource A	6,028
	OREC: Technical Support, RFP3776 Outside Counsel Servic	32,190
	REC4:CES REC4 Tech Support, CES 2.0 Support	119,343

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Harris Wiltshire & Grannis LLP	REC:CES REC System Dev Costs, 2020 RES Agreement Support	9,293
Harrisburg University of Science and ..	Environmental Research, spatial and temporal variation	191,986
Harvest Power, LLC	<200KW PV, NY-Sun	8,976
	>200KW PV, NY-Sun	13,464
Hatch Associates Consultants, Inc.	OREC: Technical Support, OSW Mesh Grid Technical Appen	4,891
Hawn Heating & Energy Services LLC	NYCH: Talent Ppln:CE and OJT, OJT HIRE	19,416
	Talent Pipeline:CE and OJT, OJT HIRE	7,347
Hazen & Sawyer, P.C.	ENVIRONMENTAL RESEARCH, Climate & algal blooms	10,414
Healthy Home Energy & Consulting, I..	Talent Pipeline:CE and OJT, OJT HIRE	3,191
Heat Keepers, Inc.	NYCH: Talent Ppln:CE and OJT, OJT HIRE	5,505
	Talent Pipeline:CE and OJT, OJT HIRE	2,934
Henningson, Durham & Richardson P..	OREC: Technical Support, RFQL 3685 Umbrella Contract	25,167
Henry Phipps Plaza East, Inc.	MULTIFAMILY PERFORMANCE PROGRAM, Multifamily	15,600
Herkimer Affordable Housing	Low Rise New Construction, 2019 LRNCP	63,000
Hi TECH HVAC Services CORP	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,192
	Talent Pipeline:CE and OJT, OJT HIRE	5,760
Hodgson Russ LLP	ESTOR:Consumer Education, PSC Energy Storage Policies	11,489
	NYSERDA ADMINISTRATION, EmPower Claim Costs	4,977
	NYSERDA ADMINISTRATION, RFP 3300 & RFP 3776 Outside Co	848
Holland & Knight LLP	NEW YORK GREEN BANK, RFP 12 - NYGB Legal Services	7,893
	NYSERDA ADMINISTRATION, RFP 12 - NYGB Legal Services	500
	OREC: Technical Support, OSW Reg Matters_Cable Coord.	74,021
Hollingsworth & Vose Company	On-Site Energy Manager, OsEM49-I Hollingsworht & Vose	47,790
Hollygrove Solar, LLC	>200KW PV, NY-Sun C&I	237,147
Home Leasing, LLC	New Construction Housing, 2019 LRNCP	63,200
Homeridae LLC	>200KW PV, NY-Sun C&I	265,947
Honeywell International Inc.	3695 TWO Umbrella Agreement	51,362
	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, 3695 TWO U..	2,169
	EMPOWER NY, 3695 TWO Umbrella Agreement	15,954
	Home Perf w Energy Star, 3695 TWO Umbrella Agreement	244,163
	RENEWABLE HEAT NY, RHHY Pellet Stove QA Services	5,287
Houghton College	Technical Services, OSEM28-C - Houghton College	21,220
Housing and Services, Inc.	New Construction Housing, 2019 MF NCP	42,400
Housing Visions Unlimited, Inc.	Low Rise New Construction, New Construction	50,000
Howard Wind LLC	LARGE SCALE RENEWABLES, 8th RPS Main Tier Solicitation	84,545
	LARGE SCALE RENEWABLES, Howard Wind Farm	739,374
	LARGE SCALE RENEWABLES, Howard Wind Farm - Expansion	85,643
Howland Solar, LLC	>200KW PV, NY Sun	223,335
HUB Controls USA Inc	76 West, 76West Energy Bus Competition	100,000
	Cleantech Ignition, PON 3871 Ignition Grants	14,820
Hudson River Renewables	<200KW PV, PON 2112 NY SUN	6,048
Hudson River Trading	Industrial Process Effic, Industrial Process Efficiency	581,079
Hudson Solar	>200KW PV, NY Sun	18,405
Hudson Valley Clean Energy Inc.	<200KW PV, NY-Sun	5,954
	<200KW PV, PON 2112 NY SUN	168,549
Hudson Valley Community College	Talent Pipeline:CE and OJT, PON3981 Round 3	33,945
Hudson Valley Wind Energy, LLC	<200KW PV, PON 2112 NY SUN	8,750
Hunts Point Cooperative Market	Industrial Process Effic, Industrial Process Efficiency	80,394

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Huron Real Estate Associates, LLC</b>	On-Site Energy Manager, OsEM5-I Huron Campus	27,128
<b>Hyland Facility Associates</b>	LARGE SCALE RENEWABLES, RFP 2226-RPS Purchase of RE At	85,874
<b>HyperGen Inc</b>	NYSERDA ADMINISTRATION, PeopleSoft Support Services	333,949
<b>IBM - East Fishkill Site</b>	Technical Services, FT13000 - IBM 2455 South - PON	29,750
<b>iCatalysts LLC</b>	Innovation Advisors, Innovation Advisor - Innov Ops	42,975
<b>ICF Resources, LLC</b>	ADVANCED ENERGY CODES, ECode Microsite	0
	Campus/Technical Assistance, Natural Gas Constrained Area	83,355
	Code to Zero, ECode Microsite	5,630
	Combined Heat and Power, TWO #5 - RNG Potential	26,939
	ENERGY ANALYSIS, RFQL 3685 - Flexergy 3.0	3,936
	ENERGY ANALYSIS, Tech Assist, REV Pool	38,229
	ENERGY ANALYSIS, TWO #4 - Statewide NG Study	88,406
	Environmental Research, TWO #5 - RNG Potential	6,735
	Environmental Research, TWO #6 Climate Technical Asst.	10,750
	ENVIRONMENTAL RESEARCH, TWO #8 Electricity System Mode	47,825
	Eval MCDC:I&R Macroeconomic St, Tech Assist, REV Pool	16,013
<b>IGS Solar, LLC</b>	<200KW PV, PON 2112 NY SUN	5,179
<b>Imperial Manor Associates LLC</b>	Multifam Performance Pgm, Multifamily	132,750
<b>Incorporated Village of Oyster Bay Co..</b>	CLEANER GREENER COMMUNITIES, Oyster Bay Cove	7,500
<b>Industrial Economics, Incorporated</b>	CLEAN TRANSPORTATION, TWO 2 New York State Truck – V	170,062
	Code to Zero, TWO 1 StretchtoZero	10,792
	Community Energy Engagement, TWO1 - CEEP Evaluation	96,822
	Electric Vehicles - Innovation, TWO2 - CT Evaluation	44,967
	Electric Vehicles - Rebate, TWO2 - CT Evaluation	89,934
	ENERGY ANALYSIS, TWO 1 EE Supply Curve Analysis	30,297
	Environmental Research, TWO#4 Climate Econ. Impact	19,176
	Eval MCDC: MF Potential Study, TWO 1 EE Supply Curve Analysis	12,414
	Mkt Char: Tech Assist, TWO 3 Utility Outages Phase II	213,914
	Mkt Char: Tech Assist, TWO #2 Outage Damages	317
	OTHER PROGRAM AREA, Market Evaluation Dev. Study	146,371
	Product Standards, TWO 1 EE Supply Curve Analysis	5,109
	Pub Transit & Elect Rail, TWO2 - CT Evaluation	10,612
<b>Infinite Invention</b>	Cleantech ICC Engage, Co-Investment Fund Prgm RFQL	270,000
	High Performing Grid, ConnectDER Monitor & Control	116,111
<b>Infinity Solar Systems, LLC</b>	<200KW PV, PON 2112 NY SUN	72,192
<b>Innovative Energy Systems, LLC</b>	LARGE SCALE RENEWABLES, DANC LFGE	169,858
<b>Institute for Building Technology and Sa</b>	>200KW PV, TWO 3 CAT 1 NY-Sun Large C&I	70,717
	ESTOR: Implementation Support, TWO 2 Cat 1 Energy Storage	725
	NY-SUN, TWO 4 NYSUN Res NonRes	441,173
<b>Institute for Market Transformation</b>	NYCH: Innovation, VHE HVAC	41,731
<b>InTech Energy, Inc.</b>	Real Time Enrgy Management, InTech - 3755 Broadway - RTEM	37,500
<b>Integrated HVAC Systems and Services</b>	Real Time Enrgy Management, Integrated 251 W 117th St RTEM	75,000
	Real Time Enrgy Management, Integrated-185 S 4th St-RTEM	25,320
	Real Time Enrgy Management, Integrated-11629 Seaview-RTEM	71,580
	Real Time Enrgy Management, Integreated-260 W 26 St-RTEM	20,340
<b>IntelliGen Power Systems, LLC</b>	Combined Heat and Power, CHPA - London Terrace	277,216
<b>Interstate Renewable Energy Council, ..</b>	Workforce Industry Partnership, PON 3715 Workforce Training	2,103
<b>Irving Community LLC</b>	New Construction Housing, 2019 LRNCP	55,000



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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Ithaca Neighborhood Housing Service..</b>	On-Site Energy Manager, OsEM45-M - INHS	42,390
<b>J Synergy Green Inc</b>	WORKFORCE DEVELOPMENT, OJT HIRE	31,756
<b>J Synergy Solar LLC</b>	<200KW PV, PON 2112 NY SUN	11,026
<b>J. Grace Corporation</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	1,920
<b>J&amp;A Electrical Construction LLC</b>	<200KW PV, PON 2112 NY SUN	5,198
<b>Jaros, Baum &amp; Bolles</b>	Commercial Real Estate Ten, JB&B - 1 Pennsylvania Plaza	13,094
	Market Tests, Market Insights	80,452
	NYCH: Technical Assistance, FT13024 - NYU - FTC	40,343
	NYCH: Technical Assistance, FT13498 - 1271 AoA - FTC	35,825
	Technical Services, FT13054 - 1425 Madison - FTC	46,678
	Technical Services, FT13350 - 55 Water - FTC	12,776
<b>Jasper Van den Munckhof</b>	Retrofit NY, Multifamily	3,600
<b>JB I Construction Group</b>	>200KW PV, PON 2112 NY SUN	38,808
<b>JC Solutions LLC</b>	Nat'l OffShWind R&D Consortium, Nat'l Offshore Wind R&D	147,927
	Nat'l Offshore Wind R&D	147,927
<b>Jefferson Avenue Apartments L.P.</b>	Low Rise New Construction, New Construction	74,000
<b>Jefferson Community College</b>	Technical Services, OsEM17-C Jefferson Community	5,000
<b>Jefferson County</b>	Clean Energy Communities, CEC711068 - Jefferson County	22,500
<b>Jefferson Solar, LLC</b>	>200KW PV, NY-Sun C&I	138,551
<b>JEM ENGINEERING SERVICES</b>	High Performing Grid, PN3770 Model Fault overvoltage	117,500
	High Performing Grid, PON 3397 Round 2 - Category A	39,999
	High Performing Grid, Voltage Remediation for DERs	30,000
<b>Jericho Rise Wind Farm, LLC</b>	REC:CES REC Contracts, 9th RPS Main Tier Solicitation	2,399,163
<b>Joel Bates</b>	Net Zero Energy for Eco Dev, New Construction	154,000
<b>John Betlem Heating &amp; Cooling Inc</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	32,168
	Talent Pipeline:CE and OJT, OJT HIRE	7,591
<b>John Siegenthaler</b>	Renewable Heat NY, RFP 3165 Hydronic System Desig	7,100
<b>Johnson Controls Inc.</b>	Real Time Enrgy Management, JohnsonCntrls-EmpireState-RTEM	98,396
<b>Johnson Controls, Inc. (Syracuse)</b>	K-12 SCHOOLS, FT13135 - 110 Elwood - FTC	51,920
	K-12 SCHOOLS, P12GC - 1 - Buffalo CSD_E	250,000
<b>Johnstown 2 Solar, LLC</b>	>200KW PV, NY Sun C&I	197,009
<b>Jones Lang LaSalle Americas, Inc.</b>	NYCH: Technical Assistance, FT13055 - 140 Broadway - PON	0
	Real Time Enrgy Management, JLL - 800 Phillips Rd - RTEM	60,089
	Real Time Enrgy Management, JLL - Multisite - RTEM	35,550
	Technical Services, FT13055 - 140 Broadway - PON	43,818
<b>Jordan Energy and Food Enterprises ..</b>	<200KW PV, PON 2112 NY SUN	20,570
<b>Joseph R Chimera</b>	WEST VALLEY DEVELOPMENT PROGRAM, Ops and Maintenance	785,983
<b>Joule Assets Inc</b>	CLEANER GREENER COMMUNITIES, CGC57954 - Joule Assets	20,000
<b>JouleSmart Solutions, Inc.</b>	Real Time Enrgy Management, Joule Smart-Multisite-RTEM	8,869
	Real Time Enrgy Management, JouleSmar-500 Yonkers Ave-RTEM	8,948
	Real Time Enrgy Management, JouleSmart - MultiSite - RTEM	20,505
	Real Time Enrgy Management, JouleSmart- 97 Lake Ave - RTEM	2,861
	Real Time Enrgy Management, RTEM Gas Mini-Bid Contract	4,196
	Real Time Enrgy Management, YonkersHonda-2000Central-RTEM	8,395
<b>JPMorgan Chase Bank National Asso..</b>	Industrial Process Effic, Industrial Process Efficiency	453,968
<b>Kamtech Restoration Corp</b>	<200KW PV, PON 2112 NY SUN	16,930
<b>Karpman Consulting, LLC</b>	Code to Zero, KARPMAN TWO#1 Training	80,798
<b>Kasselmann Solar LLC</b>	<200KW PV, NY-Sun	99,054

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Kasselmann Solar LLC</b>	<200KW PV, PON 2112 NY SUN	145,514
<b>Kawi Energy Group Corp.</b>	Commercial Real Estate Ten, Kawi Energy Group - Multisite	4,041
	Commercial Real Estate Ten, Kawi Energy Group-Multisite	9,227
	Commercial Real Estate Ten, Kawi Energy-2381 HylanMulti(2)	8,659
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	4,352
	Talent Pipeline:CE and OJT, OJT HIRE	27,664
<b>Kearns &amp; West, Inc.</b>	Consumer Ed and Market Support, TWO 1 - RMAG	48,751
	Energy Storage Tech/Prod Dev, TWO 7 - H2 public outreach sup	27,365
	Environmental Research, TWO 4 Learning from Experts	16,366
	REC4:CES REC4 Tech Support, TWO 5 - T4__Eval Plan Servic	37,404
	REC4:CES REC4 Tech Support, TWO 6 - T4_Facilitation Svcs	39,836
<b>Kearsarge Johnstown 1 LLC</b>	>200KW PV, NY-Sun C/I	181,388
<b>Kearsarge Johnstown 2 LLC</b>	>200KW PV, NY-Sun C/I	250,255
<b>Kelberman Center Inc</b>	Low Rise New Construction, 2019 LRNCP	56,000
<b>Kelliher Samets Volk</b>	Air Source Heat Pumps, Marketing Support for NYSERDA	15,508
	Capital Planning, TWO 38 MF Low Carbon	12,878
	Commercial Real Estate Ten, Marketing Support for NYSERDA	6,694
	Community RH&C, Marketing Support for NYSERDA	38,769
	Consumer Awareness, KSV TWO 30 Consumer Awareness	347,052
	Consumer Ed and Market Support, KSV TWO 38 Heat Pump Planner	8,032
	Consumer Ed and Market Support, Marketing Support for NYSERDA	283,844
	ENERGY ANALYSIS, KSVTWO 37: Climate Act Website	3,868
	Flexible Tech Assistance, Marketing Support for NYSERDA	10,770
	Geothermal Incentive Program, Marketing Support for NYSERDA	38,769
	Home Perf w Energy Star, KSV TWO 32 LMI Website Hub	36,251
	Home Perf w Energy Star, Marketing Support for NYSERDA	11,846
	Industrial Process Effic, TWO 23: Industrial Mktg	6,564
	KSV TWO 41 Loan Loss Reserve	3,655
	KSV TWO 42 IPNA Bridge Loan	3,060
	LMI Community Solar, Marketing Support for NYSERDA	89
	Market Tests, TWO 22 Building Labeling Mkt	9,416
	Multifam Performance Pgm, Marketing Support for NYSERDA	34,410
	New Construction Housing, TWO 28 Carbon Neutral Bldgs	40,850
	New Construction- Commercial, TWO 28 Carbon Neutral Bldgs	20,425
	NY-SUN, Marketing Support for NYSERDA	222,860
	NYCH: Consumer Awareness, KSV TWO 34 NYS Clean Heat	957,931
	NYCH: Critical Tools, KSV TWO 38 Heat Pump Planner	8,032
	NYCH: District, TWO40:Community Heat Pumps MKT	44,805
	NYCH: LMI, KSV TWO 38 Heat Pump Planner	8,032
	NYSERDA ADMINISTRATION, KSV TWO 36 Website User Exper	10,753
	On-Site Energy Manager, TWO 23: Industrial Mktg	10,721
	Pay for Performance, KSVTWO39: Business Energy Pro	32,679
	Real Time Enrgy Management, Marketing Support for NYSERDA	15,292
	Real Time Enrgy Management, TWO 23: Industrial Mktg	4,376
	Renewable Heat NY, Marketing Support for NYSERDA	5,169
	Retrofit NY, Marketing Support for NYSERDA	20,734
	Strategic Energy Manager, TWO 23: Industrial Mktg	4,595
<b>Kilfrost, Inc.</b>	NYCH: Innovation, PON3519 Round 1	16,823

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Kilowatt Engineering, Inc.</b>	Commercial Real Estate Ten, FlexTech Consultant Selection	3,366
	Industrial Process Effic, 2621 Umbrella Contract	2,250
	Industrial Process Effic, Industrial Process Efficiency	812
	Industrial Process Effic, IPE16242	7,613
	Industrial Process Effic, IPE16255	1,921
	Industrial Process Effic, IPE16256	2,930
	Remote Energy Management, RFP 3683 REM Program	170,233
<b>Kinetic Communities Consulting Corporati</b>	Community RH&C, CH&C Communities Round 3	31,000
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	4,864
	Talent Pipeline:CE and OJT, OJT HIRE	12,598
	WORKFORCE DEVELOPMENT, OJT HIRE	6,320
<b>KPMG LLP</b>	NEW YORK GREEN BANK, Audit Services	32,910
	NYSERDA ADMINISTRATION, Audit Services	86,250
<b>L&amp;S Energy Services, Inc.</b>	Campus/Technical Assistance, L&S Technical Review - TWO	9,394
	Clean Energy Communities, L&S GJGNY Energy Audits	0
	Commercial New Construc, Commercial New Construction	102,202
	Commercial New Construc, RFP3771 Umbrella Contract	2,841
	Commercial Real Estate Ten, FlexTech Consultant Selection	38,305
	Flexible Tech Assistance, L&S GJGNY Energy Audits	360,216
	Flexible Tech Assistance, L&S Technical Review - TWO	21,877
	Geothermal Incentive Program, 3695 TWO Umbrella Agreement	124
	GJGNY REVOLVING LOAN FUND, L&S GJGNY Energy Audits	111,484
	Industrial Process Effic, Umbrella Contract	25,209
	K-12 SCHOOLS, L&S Technical Review - TWO	9,590
	On-Site Energy Manager, Umbrella Contract	12,141
	Pay for Performance, L&S Technical Review - TWO	7,226
	Renewable Heat NY, Long Lake Boiler Inspections	2,470
	REV Campus Challenge, L&S Technical Review - TWO	3,468
	REV Campus Challenge, RM43 - Paul Smith's College	7,006
	REV Campus Challenge, Tech Assistance for Roadmaps	8,497
Technical Services, AGG1003 - L&S Energy Services	45,000	
Technical Services, L&S Technical Review - TWO	50,772	
Technical Services, Tech Review - OsEM	25,849	
<b>LaBella Associates, P.C.</b>	BR: Prospecting, Site Prospecting Services	199,161
	Flexible Tech Assistance, FT12278 - 3 Pultney - FTC	8,099
	Geothermal Incentive Program, Large Scale GSHP Rebate	93,431
	New Construction- Commercial, Commercial New Construction	24,399
	NYCH: Technical Assistance, FT13363 - 30 Campus - FTC	9,289
	Technical Services, AEAP1284 - Lismore Dairy LLC	2,897
	Technical Services, Indoor Air Quality TWO-Labela	22,173
<b>Lake Country Geothermal, Inc.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	11,520
<b>Lantern Organization Inc.</b>	Multifam New Construction, New Construction	31,900
<b>Launch New York, Inc.</b>	Cleantech Incubator, Launch NY ECO Incubator	388,000
<b>Lawrence Terrace Vintage, LLC</b>	Multifam Performance Pgm, Multifamily	7,200
<b>LC DRives</b>	Talent Pipeline:CE and OJT, OJT HIRE	81,996
<b>Leenhouts Solar Farm I, LLC</b>	>200KW PV, NY Sun	166,550
<b>Lemor Development Group, LLC</b>	Multifam New Construction, MFNCP - Balton Commons	9,250
<b>Levitan &amp; Associates, Inc.</b>	CI Engy Siting & Soft Cost Red, TWO 2 CES Solicitation Support	249,376

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Levitan &amp; Associates, Inc.</b>	NY-SUN, TWO 1 Future of Solar White Pp	114,280
	OREC: Technical Support, Large-Scale Renewables	108,765
	REC4:CES REC4 Tech Support, TWO 2 CES Solicitation Support	393,722
	REC:CES REC System Dev Costs, TWO 2 CES Solicitation Support	-743
<b>Libolt &amp; Sons, Inc.</b>	Low Rise New Construction, 2019 LRNCP	44,800
<b>Light Green Machines LLC</b>	Pub Transit & Elect Rail, Lightweight bus chassis develo	39,086
<b>Lighthouse Landing Communities, LLC</b>	NYCH: Technical Assistance, FT13143 - Edge on Hudson - PON	15,370
<b>Lincoln Center for the Performing Arts</b>	Technical Services, OsEM10-Lincoln Center Perform	23,816
<b>Livingston 4 Solar, LLC</b>	>200KW PV, NY Sun C&I	215,234
<b>Livingston Energy Group</b>	Talent Pipeline:CE and OJT, OJT HIRE	32,880
<b>Livolt Cogen LLC</b>	Combined Heat and Power, CHPA-45 Tehama Street	2,843
	Combined Heat and Power, CHPA-1985 Ocean Ave, Brooklyn	2,843
	Combined Heat and Power, CHPA-2630 Ocean Ave, Brooklyn	2,843
<b>Local 32BJ Thomas Shortman Training</b>	Talent Pipeline:CE and OJT, PON3981 WFD Capacity Building	14,339
	Workforce Industry Partnership, PON 3715 Workforce Training	3,848
<b>Lodestar Energy</b>	>200KW PV, NY Sun	1,656,066
<b>Long Island High Technology Incubat..</b>	Cleantech Incubator, PON3413 Clean Energy Incubator	98,538
<b>Long Island Power Authority</b>	NY-SUN, LIPA MOU RGGI Compliance Progr	10,000,000
<b>Long Island Power Solutions</b>	<200KW PV, PON 2112 NY SUN	32,955
	ENERGY STORAGE, PON 2112 NY SUN	12,500
<b>Long Island Progressive Coalition</b>	COMMUNITY SOLAR, Long Island Affordable Solar	94,375
	COMMUNITY SOLAR, PON 3414 - Long Beach HA	27,294
<b>Luminate, LLC</b>	Outside Technical and Eng. Srv	2,559
<b>M.J. Beck Consulting LLC</b>	REC4:CES REC4 Tech Support, IE T4	31,500
<b>M/E Engineering, P.C.</b>	Commercial New Construc, Commercial New Construction	26,696
	Commercial New Construc, New Construction	4,830
	New Construction- Commercial, Commercial New Construction	64,825
	NYCH: Technical Assistance, Westchester Tech Services	12,000
	REV Campus Challenge, RM30-Cornell University-FTC	30,078
	Technical Services, Westchester Tech Services	1,500
<b>Maine-Endwell Central School District</b>	>200KW PV, NY Sun	340,096
<b>Malcarne Contracting, Inc.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	25,930
<b>Manhattan College</b>	Commercial New Construc, NCP16014 - Engineering and Sci	63,261
<b>Manifold Robotics, Inc.</b>	High Performing Grid, PON4074 High Perfrm Grid Prgr	60,000
<b>Maple Manor Vintage LLC</b>	Multifam Performance Pgm, Multifamily	14,400
<b>Marble River Wind Farm LLC</b>	LARGE SCALE RENEWABLES, Marble River Wind Farm	4,166,817
<b>Marsh Hill Energy, LLC</b>	LARGE SCALE RENEWABLES, 8th RPS Main Tier Solicitation	842,608
<b>Marshall &amp; Sterling, Inc.</b>	NYSERDA ADMINISTRATION, RFP 4301 Insurance	210,517
<b>Martin J. Wolff</b>	Pub Transit & Elect Rail, Magnetic rail propulsion study	4,463
<b>Masmore Corporation</b>	Buildings of Excellence, Buildings of Excellence R1	35,838
<b>Max Solar Inc</b>	<200KW PV, NY-Sun	10,880
	<200KW PV, PON 2112 NY SUN	13,685
<b>Mayfair Housing, LLC</b>	New Construction Housing, 2019 LRNCP	64,400
<b>McMahon and Mann Consulting Engineers</b>	WEST VALLEY DEVELOPMENT PROGRAM, Engineering Services WV	3,550
	WEST VALLEY DEVELOPMENT PROGRAM, TWO #6 Engineering Servic..	94,587
<b>Meadows Senior Living 2 L.P.</b>	New Construction Housing, 2019 LRNCP	81,200
<b>Mechanical Solutions, Inc.</b>	NYCH: Innovation, Two Stage Centrifugal Compress	206,000
<b>Mecklenburg Solar LLC</b>	>200KW PV, NY-Sun C/I	118,804

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Medusa NY 1 LLC</b>	>200KW PV, NY-Sun	157,936
<b>Meister Consultants Group, Inc.</b>	REV Campus Challenge, Efficiency Planning & Engineer	46,519
<b>Metro IAF</b>	Market Tests, IMS Metro IAF TWO - Anchor Ins	208,688
	NYCH: Technical Assistance, IMS Metro IAF TWO - Anchor Ins	29,813
<b>Metropolitan Transportation Authority</b>	High Performing Grid, PON 3397 CAT D	225,000
<b>Micatu, Inc.</b>	High Performing Grid, 69kV OPTICAL SENSOR	150,000
	Talent Pipeline:CE and OJT, OJT HIRE	6,629
<b>Michaels Energy, Inc.</b>	Evaluation External, TWO 2 - Impact Eval PM Assist	9,206
	On-Site Energy Manager, TWO 1 - EMP Impact Evaluation	52,887
	Strategic Energy Manager, TWO 1 - EMP Impact Evaluation	17,629
<b>MICROrganic Technologies Inc.</b>	Cleantech Ignition, PON 3871 Ignition Grants	68,674
<b>MIDDLESEX-YATES SOLAR LLC</b>	>200KW PV, NY-Sun C&I	374,612
<b>Middletown NY 1, LLC</b>	>200KW PV, NY-Sun C&I	180,709
<b>Middletown NY 2, LLC</b>	>200KW PV, NY-Sun C&I	73,509
<b>Milea Truck Sales Inc</b>	CLEAN TRANSPORTATION, NYT-VIP	490,909
<b>MIMiC Systems Inc</b>	NYCH: Innovation, NextGen HVAC Innovation	98,000
<b>Minaville North Solar 1, LLC</b>	>200KW PV, Commerical/Industrial PV	143,063
<b>Minaville South Solar 1, LLC</b>	>200KW PV, NY-Sun C&I	143,236
<b>Minaville West Solar 1, LLC</b>	>200KW PV, NY-Sun C&I	124,228
<b>MIR Queens Place, LLC</b>	Technical Services, FT13318 - 88-01 Queens - PON	18,825
<b>MJW Technical Services, Inc.</b>	WEST VALLEY DEVELOPMENT PROGRAM, Radiation Protection Support	179,998
<b>MLG 904 Development MM LLC</b>	Multifam New Construction, New Construction	61,100
<b>Mobileware Inc</b>	Pub Transit & Elect Rail, On-demand commuter carpooling	74,257
<b>Mohawk Valley Economic Development Dist.</b>	Community Energy Engagement, CEEP Mohawk Valley Region (MVE)	27,517
	OTHER PROGRAM AREA, CEEP Mohawk Valley Region (MVE)	14,677
<b>Molloy College</b>	CLEANER GREENER COMMUNITIES, CGC42044 - Molloy College	195,510
<b>Monolith Solar Associates, LLC</b>	<200KW PV, NY Sun	63,500
<b>Montgomery County Treasurer</b>	Clean Energy Communities, CEC610859-Montgomery County	48,750
<b>Morgan Stanley Services Holding, LLC</b>	REC:CES REC Contracts, 10th RPS Main Tier Solicitatio	72,000
<b>Mount Hope Solar 2, LLC</b>	>200KW PV, NY-Sun C/I	253,467
<b>Mount Sinai Medical Center</b>	Technical Services, OSEM34-C - Mount Sinai West	50,000
	Technical Services, OsEM35 - Mount Sinai St Lukes	50,000
<b>Mount Sinai St. Lukes</b>	Flexible Tech Assistance, FT12292 - 1000 10th - PON	73,763
<b>MSAP 13 LLC</b>	>200KW PV, NY Sun	390,000
<b>Mt Olive Development Corporation</b>	Low Rise New Construction, New Construction	8,000
<b>Munson Williams Proctor Arts Institute</b>	Technical Services, OSEM38-C - MWPAI	58,346
<b>NanoHydroChem</b>	Energy Storage Tech/Prod Dev, Renewable Optimz Energy Storge	26,707
<b>Natale Builders</b>	Low Rise New Construction, 2019 LRNCP	2,850
<b>National Oilheat Research Alliance</b>	NextGen HVAC, NextGen HVAC Innovation	4,507
	NYCH: Innovation, NextGen HVAC Innovation	0
<b>National Renewable Energy Laboratory</b>	Environmental Research, ENV & Fisheries Rsrch for OSW	155,662
	Nat'l OffShWind R&D Consortium, Nat'l Offshore Wind R&D	281,403
	Nat'l Offshore Wind R&D	399,858
<b>National Wind Technology Consortium, Inc</b>	Nat'l OffShWind R&D Consortium, National OSW R&D Concorcium.	283,104
	Nat'l OffShWind R&D Consortium, NOWRDC-104-Exmar	10,023
	Nat'l OffShWind R&D Consortium, NOWRDC-107-MARIN	2,880
	National OSW R&D Concorcium.	150,426
	NOWRDC-104-Exmar	10,023

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<del>National Wind Technology Consortium, Inc</del>	NOWRDC-107-MARIN	2,880
<b>Nautilus Owner 2020, LLC</b>	>200KW PV, NY-Sun C&I	2,107,219
<b>NESCAUM</b>	ENVIRONMENTAL RESEARCH, 123059 TWO#5	6,384
	ENVIRONMENTAL RESEARCH, RFQL3685 Round 1	104,722
	ENVIRONMENTAL RESEARCH, Tech Assist, REV Pool	26,362
	ENVIRONMENTAL RESEARCH, TWO #7 Comparative Assessment	217,528
	ENVIRONMENTAL RESEARCH, TWO #7 LISTOS Air Quality Mode	11,738
	ENVIRONMENTAL RESEARCH, TWO #8 AEROMMA	103,038
	ENVIRONMENTAL RESEARCH, TWO #8 Wood Analytical	43,386
	ENVIRONMENTAL RESEARCH, TWO #9 IDC Techology Transfer	17,871
	ENVIRONMENTAL RESEARCH, TWO #10 Air Quality	21,768
	ENVIRONMENTAL RESEARCH, TWO #11 Wood Heating	10,896
	OTHER PROGRAM AREA, Tech Assist, REV Pool	0
	OTHER PROGRAM AREA, TWO #6 VOCs on Staten Island	770
	Renewable Heat NY, 123059 TWO#5	3,886
	RENEWABLE HEAT NY, Next Gen Test Methods Research	0
	Renewable Heat NY, RFQL3685 Round 1	25,640
	Renewable Heat NY, TWO #10 Air Quality	39,846
<b>Netgains Engineering P.C.</b>	Commercial Real Estate Ten, Netgains-975 Georgia Ave	5,000
	NYCH: Technical Assistance, FT13196 - 149-151 Grand - FTC	5,000
	NYCH: Technical Assistance, FT13291 - 300 Albany - FTC	5,000
<b>New Buildings Institute, Inc.</b>	Buildings of Excellence, BoE Rnd.1 Perform. Validation	11,361
	Code to Zero, TWO # 4	55,705
	New Construction- Commercial, RFQL 3711- GTZ NY 2021 Update	31,659
	NYCH: Cost Reduction, TWO #2 Bldg Elec Roadmap Writi	4,566
	NYCH: Roadmap, TWO #2 Bldg Elec Roadmap Writi	109,574
<b>New Energy Nexus New York LLC</b>	Cleantech POCC, Cleantech Accelerator	1,614,275
<b>New England Waste Services of NY Inc.</b>	LARGE SCALE RENEWABLES, Clinton Co. Landfill	47,181
<b>New Water Street Corporation</b>	Technical Services, OsEM56-C-New Water Street Corp	72,592
<b>New York City Housing Authority</b>	Clean Energy Communities, CEC811010 - City of New York	-62,500
	NYCH: Communities, CEC811010 - City of New York	62,500
<b>New York City Operating Partnership, ..</b>	Technical Services, OsEM65-C-NYCOP-1140 AoA	35,051
<b>New York Geothermal Foundation, Inc.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
<b>New York Homeowners Construction ..</b>	Talent Pipeline:CE and OJT, OJT HIRE	1,072
<b>New York Medical College</b>	REV Campus Challenge, REVCC_ETL_Comp_Round 3	95,400
<b>New York Power Authority</b>	High Performing Grid, PON 3397 CAT B	90,000
	Technical Services, FT13408 - Harriman - FTC	11,000
<b>New York Power Authority,</b>	High Performing Grid, PON 3770	240,000
<b>New York Presbyterian Hospital</b>	Industrial Process Effic, Industrial Process Efficiency	60,708
<b>New York State Solar Farm Inc.</b>	<200KW PV, PON 2112 NY SUN	40,416
<b>New York State Weatherization Direct..</b>	Talent Pipeline:CE and OJT, PON3981 Round 3	85,379
<b>New York University</b>	Cleantech Incubator, PON3413 Clean Energy Incubator	205,000
	Net Zero Energy for Eco Dev, Net Zero Economic Development	81,981
	Technical Services, OsEM55-C - NYU - 370 Jay	8,680
<b>Newport Ventures, Inc.</b>	Code to Zero, Newport TWO #1 Training	41,675
	Code to Zero, TWO3 Energy Code and NYStretch	149,229
<b>Nexant, Inc.</b>	Electric Vehicles - Innovation, TWO #1	88,825
	MARKET PATHWAYS, Behavioral Demonstrations Prog	101,229

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>NexRev, LLC</b>	Real Time Enrgy Management, NexRev-Multisite-RTEM	771,263
<b>Next Generation Solar, LLC</b>	<200KW PV, NY-Sun	8,160
	<200KW PV, PON 2112 NY SUN	5,831
<b>NextCorps Inc</b>	Cleantech POCC, Cleantech Accelerator	580,000
	M-Corps, ACT Prototypes to Mass Prod NY	372,500
<b>Nextera Energy Capital Holdings Inc</b>	>200KW PV, SUNY Poly Hoosick 1	395,541
	>200KW PV, SUNY Poly Selkirk 1	490,950
	>200KW PV, SUNY Poly Selkirk 2	350,165
	>200KW PV, SUNY Poly Selkirk 4	387,433
	NY-SUN, NY Sun	360,410
<b>NIC Holding Corp</b>	FUEL NY, NYS Strategic Gasoline Reserve	252,352
<b>Nickels Energy Solutions LLC</b>	<200KW PV, PON 2112 NY SUN	20,132
<b>Nixon Peabody LLP</b>	RFP 12 - NYGB Legal Services	49,755
<b>NJP Consulting Inc.</b>	<200KW PV, NY-Sun	14,204
<b>NMR Group, Inc.</b>	EVALUATION, RFQ 3183 NMR Group, Inc.	4,719
	Home Perf w Energy Star, RFQ 3183 NMR Group, Inc.	15,870
	NEW YORK GREEN BANK, RFQ 3183 NMR Group, Inc.	0
<b>NOHMs Technologies, Inc.</b>	Energy Storage Tech/Prod Dev, PON 3585 Round 3 Cat B	7,723
<b>Noresco LLC</b>	Code to Zero, Third-party E-Code Support	65,751
	Code to Zero, TWO-2 Online Training Class	9,958
	Commercial New Construc, Commercial New Construction	51,180
	New Construction- Commercial, Commercial New Construction	15,770
	NYCH: Technical Assistance, FT13484 - 75 Clinton - FTC	1,055
	REV Campus Challenge, FT13109 - NYU Dentistry - FTC	39,177
	REV Campus Challenge, FT13443 - Morningside - FTC	62,782
	Technical Services, FT13099 - 8000 Cooper - FTC	27,898
	Technical Services, FT13103 - 90-15 Queens - FTC	37,046
	Technical Services, FT13149 - 1 State - FTC	30,455
	Technical Services, FT13232 - 50 Vanderbilt - FTC	19,854
	Technical Services, FT13267 - 240 Greenwich - FTC	67,785
	Technical Services, FT13440 - Smilow - FTC	11,773
	Technical Services, IAQ - Tech Review - NORESCO	71,400
<b>Normandean Associates, Inc.</b>	Environmental Research, Digital Aerial Baseline Survey	8,000
<b>Norstar Development USA, LP</b>	New Construction Housing, LR NCP - Incentives SF206404	66,000
<b>North American Passive House Netwo..</b>	Talent Pipeline:CE and OJT, PON3981 WFD Capacity Building	15,820
<b>North River Meadows NY TC LP</b>	Multifam Performance Pgm, Multifamily	48,150
<b>North Syracuse Central School District</b>	K-12 SCHOOLS, FT13128 - N. Syracuse - PON	58,125
<b>Northeast Energy Efficiency Partners..</b>	NYCH: Technical Assistance, Single Family Residential	277
<b>Northeast States for Coordinated Air ..</b>	Environmental Research, NY climate clearinghouse	16,013
<b>Northwell Health, Inc.</b>	Technical Services, OsEM21-C Northwell Health	7,000
<b>Norton Rose Fulbright US LLP</b>	NEW YORK GREEN BANK, RFP 12: NYGB Legal Services	18,836
<b>NORWICH - CHENANGO SOLAR, LLC</b>	>200KW PV, NY-Sun C&I	1,082,015
<b>Norwich Housing Authority</b>	Multifam Performance Pgm, Multifamily	12,400
<b>Novel Approaches Solar Applications,..</b>	<200KW PV, PON 2112 NY SUN	11,200
<b>NuWorld Lighting Solutions Inc</b>	WORKFORCE DEVELOPMENT, OJT HIRE	17,724
<b>NY Bethel I, LLC</b>	>200KW PV, NY-Sun C/I Full Assignment	529,046
<b>NY CDG 004 LLC</b>	<200KW PV, NY-Sun	126,898
	>200KW PV, NY-Sun	135,912

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
NY Dryden I, LLC	>200KW PV, NY Sun c&I	292,284
NY Fayette I, LLC	>200KW PV, NY-Sun	528,177
NY MACEDON I LLC	>200KW PV, NY-Sun C&I	238,032
NY MACEDON II LLC	>200KW PV, NY-Sun C&I	196,992
NY MOOERS V LLC	>200KW PV, NY-Sun C&I	554,040
NY ONTARIO I LLC	>200KW PV, NY-Sun C&I	399,600
NY ORANGE I LLC	>200KW PV, NY-Sun C&I	244,188
NY RUSHFORD I LLC	>200KW PV, NY-Sun C&I	558,144
NY Thompson II, LLC	>200KW PV, Ny Sun C&I	197,472
NYS Association of School Business ..	K-12 SCHOOLS, P-12 ASBONY Outreach	531
NYS Department of Health	>200KW PV, NY Sun	20,385
NYS Labor Management Cooperation ..	Talent Pipeline:CE and OJT, PON3981 Round 9	9,044
NYS Office of Information Technology..	Industrial Process Effic, Industrial Process Efficiency	14,214
NYS Office of Parks, Recreation and	<200KW PV, NY-Sun	13,455
NYS School Facilities Association, Inc.	Workforce Industry Partnership, PON 3442 Workforce Training	118,269
NYSDEC	WEST VALLEY DEVELOPMENT PROGRAM, WV-Admin	95,205
NYSS LLC	<200KW PV, NY-Sun	23,104
	COMMUNITY SOLAR, NY-Sun	4,624
	COMMUNITY SOLAR, PON 2112 NY SUN	5,928
	ENERGY STORAGE, NY-Sun	6,840
	ENERGY STORAGE, PON 2112 NY SUN	5,050
NYU Langone Hospitals	Commercial New Construc, NCP15065 - NYU Hospitals Cente	109,568
O'Brien & Gere Engineers, Inc.	Industrial Process Effic, SEM_WRRF_O'Brien&Gere_TWO	18,724
	New Construction- Commercial, Commercial New Construction	10,670
	New Construction- Commercial, TWO PON 3943 - SF167681	102,435
O'Connell Electric Company	<200KW PV, PON 2112 NY SUN	36,225
Oakvale Construction Co. Ltd.	LARGE SCALE RENEWABLES, Black Brook Hydro	21,125
Ocean Tech Services LLC	Off-Shore Wind Pre-Dev Act, RFP 3855 Metocean Cat. 1: FLSS	598,413
	OREC: Technical Support, RFP 3855 Metocean Cat. 1: FLSS	0
Office of the Brooklyn Borough Presid..	Community RH&C, Cap Dist Heat & Cool Smart Cam	24,000
Ogden Cap Properties, LLC	Flexible Tech Assistance, FT11666 - Windsor Court	10,547
Ogdensburg Solar Partners, LLC	>200KW PV, PV System @ Ogdensburg Bridge	187,318
Okeenea Digital	Pub Transit & Elect Rail, Transit accessibility beacons	57,358
OLA Consulting Engineers, P.C.	Commercial New Construc, Commercial New Construction	19,717
	New Construction- Commercial, Commercial New Construction	14,935
	Technical Services, Westchester Tech Services	-5,486
	Technical Services, WP05 - Stone Barns - FTC	13,627
Omni New York LLC	Empire Building Challenge, EBC-Phase I-Omni	25,000
	NYCH: Empire Build Challenge, EBC-Phase I-Omni	25,000
OnForce Solar	NY-SUN, PV System @ Manhattan Beer Dis	153,587
ONIX, Inc.	Real Time Enrgy Management, ONIX Inc. - Multisite - RTEM	230,877
Opinion Dynamics Corporation	Clean Energy Communities, RFQ3183 Umbrella Agreement	9,217
	Cleantech Startup Growth, RFQ3183 Umbrella Agreement	97,386
	Real Time Enrgy Management, RFQ3183 Umbrella Agreement	94,386
	Remote Energy Management, RFQ3183 Umbrella Agreement	36,329
OPTIMAL SOLUTIONS, INC.	High Performing Grid, PON 3770 Smart Grid	100,000
Optimus Technologies Inc	76 West, 76 West Bus.Energy Comp.	350,000
Orion Polymer Corp	Energy Storage Tech/Prod Dev, PON3585 R4 Energy Storage Tech	88,562



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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Otsego County Conservation Associa..	Community RH&C, PON3723 RH&C Campaigns	10,000
Ove Arup & Partners Consulting Engi..	ENERGY ANALYSIS, TWO1 CommBldg Elect Rdmap	41,267
PA Consulting Group	ENERGY ANALYSIS, TWO #3 Nat. Gas Tech. Support	16,735
Pace University School of Law	>200KW PV, CGC31911 - Pace Law School	88,340
Pamal Broadcasting Ltd	>200KW PV, NY-Sun C/I	209,335
Pametan, Inc.	Real Time Enrgy Management, Ecorithm-350 Park Ave - RTEM	3,000
	Real Time Enrgy Management, Pametan - 888 7th Ave - RTEM	8,400
	Real Time Enrgy Management, Pametan- 11 Penn Plaza -RTEM	9,600
Paradise Energy Solutions, LLC	<200KW PV, PON 2112 NY SUN	89,022
Parity Inc	Real Time Enrgy Management, Parity-300 East 75th St-RTEM	33,559
	Real Time Enrgy Management, Parity-450 North End Ave-RTEM	22,547
Pathfinder Engineers & Architects, LLP	Commercial New Construc, Commercial New Construction	16,479
	Commercial New Construc, RFP3771 Umbrella Contract	20,833
	New Construction- Commercial, Commercial New Construction	52,378
	Technical Services, FT13166 - 4341 State - FTC	23,851
Pathstone Corporation	Community Energy Engagement, CEEP Finger Lakes Region (PATH	39,792
	Community RH&C, Sustainable Home Roch Part C	135,000
	OTHER PROGRAM AREA, CEEP Finger Lakes Region (PATH	33,075
Patriot Energy Solutions Corp	<200KW PV, NY-Sun	9,636
Paul A. Castrucci, Architects PLLC	Talent Pipeline:CE and OJT, OJT HIRE	6,400
Pearl Solar, LLC	>200KW PV, NY-Sun C&I	202,390
Penn Power Group LLC	Combined Heat and Power, CHPA-CCMH Times Square LLC	511,583
People United for Sustainable Housing In	Community Energy Engagement, CEEP Western New York Region	81,349
	Community RH&C, Community CH&C Dev in WNY	10,500
Performance Systems Development	Code to Zero, PSD TWO #1 Training	439,900
Performance Systems Development, I..	Retrofit NY, Multifamily Parametric Modelin	32,890
PGREF I 1633 Broadway Land, LP	Technical Services, OsEM59-C - Paramount Group	17,630
PGREF V 1301 Participating, LP	Flexible Tech Assistance, FT12071-Paramount 1301 AOA-PON	39,000
Phase Innovations LLC	NYCH: Innovation, Modular Membrane Dehumidifying	15,676
Pine Plains School District	>200KW PV, NY Sun	68,245
Plant Manor LLC	Campus/Technical Assistance, FT12236 - Alder Manor - PON	33,750
Plugin Stations Online, LLC	Talent Pipeline:CE and OJT, OJT HIRE	4,736
PlugPV, LLC	<200KW PV, NY-Sun	26,624
	<200KW PV, PON 2112 NY SUN	184,881
	Talent Pipeline:CE and OJT, OJT HIRE	7,181
Postgraduate Center for Mental Health	Multifam Performance Pgm, Multifamily	42,000
Potentia Management Group LLC	Talent Pipeline:CE and OJT, OJT HIRE	25,084
Power Advisory LLC	REC4:CES REC4 Tech Support, IE T4	44,800
PowerGEM, LLC	BR: Screening, TWO - Build Ready - Cat 1	7,800
	CI Enrgy Siting & Soft Cost Red, TWO - Build Ready - Cat 1	0
Powerhouse Dynamics, Inc	Real Time Enrgy Management, Powerhouse-Five Below-RTEM	3,749
	Real Time Enrgy Management, Powerhouse-Multisite-RTEM	8,609
Pratt Area Community Council	New Construction Housing, 2019 MF NCP	14,000
Premier Solar Solutions LLC	>200KW PV, NY Sun	21,681
	>200KW PV, PON 2112 NY SUN	81,213
Prescriptive Data	Real Time Enrgy Management, PD - 4 NY Plaza - RTEM	10,611
	Real Time Enrgy Management, PD - 40 W 57 Street - RTEM	22,779
	Real Time Enrgy Management, Prescriptive - 1330 AoA - RTEM	12,620

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Prescriptive Data</b>	Real Time Enrgy Management, Prescriptive-555 5th Ave-RTEM	5,040
	Real Time Enrgy Management, PrescriptiveData-383MadAv-RTEM	36,000
<b>Principle Power Inc</b>	Nat'l OffShWind R&D Consortium, Natl Offshore Wind R&D	79,238
	Natl Offshore Wind R&D	79,238
<b>Promesa Housing Development Fund ..</b>	Multifam New Construction, MFNCP - Virginia House	13,550
<b>Prospect Realty Group LLC</b>	Multifam Performance Pgm, Multifamily	27,400
<b>ProsumerGrid, Inc</b>	76 West, 76 West Clean Energy	100,000
<b>Pterra, LLC</b>	High Performing Grid, PTerra work for ITWG	19,980
<b>Quanta Technology LLC</b>	DER Integration(Intrcnct), Next Generation DER Gateway	192,987
	High Performing Grid, Grid Performance Gaps	43,000
	High Performing Grid, Power Grid Innovation	2,000
<b>Quidnet Energy Inc</b>	High Performing Grid, EPTD High Performance	4,936
<b>QwikSolar, LLC</b>	<200KW PV, PON 2112 NY SUN	22,313
<b>R3 Energy Management Audit &amp; Review, LLC</b>	Real Time Enrgy Management, Jack Resnick-8 W 40th St-RTEM	3,600
	Real Time Enrgy Management, P Clabby-110 East 59th St-RTEM	5,400
	Real Time Enrgy Management, R3 - 199 Water St - RTEM	5,400
	Real Time Enrgy Management, R3 - 880 3rd Avenue - RTEM	3,600
	Real Time Enrgy Management, R3 Energy-575 Madison-RTEM	4,500
	Real Time Enrgy Management, Resnick&Sons-485MadisonAv-RTEM	5,400
	Real Time Enrgy Management, SteinbergPokoik-1430Brdwy-RTEM	9,000
<b>R.W. Beck Group, Inc.</b>	Commercial Real Estate Ten, StakeholderEngagement_Outreach	757
	K-12 SCHOOLS, StakeholderEngagement_Outreach	1,730
	Technical Services, StakeholderEngagement_Outreach	757
	Technical Services, Targeted Healthcare Engagement	15,632
<b>Radiant Labs, LLC</b>	Informat. Products & Brokering, Dynamic Market Data Tool	214,400
<b>Raj Technologies Inc.</b>	NYSERDA ADMINISTRATION, Modification - Name Change	166,162
<b>Randstad North America Inc</b>	Cleantech ICC Engage, TS.003_TBI Coordinator	2,169
	Energy Storage Tech/Prod Dev, TS.003_TBI Coordinator	2,169
	High Performing Grid, TS.003_TBI Coordinator	2,169
	NYCH: Innovation, TS.003_TBI Coordinator	2,169
	Pub Transit & Elect Rail, TS.003_TBI Coordinator	2,169
<b>Randstad North America, Inc.</b>	Air Source Heat Pumps, Payroll Services_CHC	12,188
	Campus/Technical Assistance, Payroll Services_CHC	9,750
	Clean Energy Communities, Payroll Services_CEC PM-1	21,195
	Clean Energy Communities, Temp Services	21,336
	Cleantech ICC Engage, Payroll Services_Innovation	79,853
	Cleantech Incubator, Payroll Services_T2M	65,897
	Code to Zero, Payroll Services_CPS	10,431
	Code to Zero, Payroll Services_CPS Sr. PM	63,204
	Code to Zero, Payroll Services_Market Dev	10,177
	Community RH&C, Payroll Services_CHC	12,188
	Community RH&C, PS.056_CHC APM	15,398
	ENERGY ANALYSIS, Payroll Services_Modeling & An	11,326
	Geothermal Incentive Program, Payroll Services_CHC	12,188
	Healthy Homes VB Payment Pilot, Payroll Services_EAE	46,715
	Home Perf w Energy Star, Payroll Services	23,630
	Home Perf w Energy Star, Payroll Services_EAE	910
Home Perf w Energy Star, Payroll Services_EAE Intern	6,287	

**Expenditures pursuant to a Request for Proposal, a Program Opportunity Notes or Solicitation**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Randstad North America, Inc.</b>	Housing Agencies Support, Payroll Services_Multifamily	66,539
	NEW YORK GREEN BANK, Payroll Services -NYGB Analyst	22,207
	NEW YORK GREEN BANK, Payroll Services_NYGB_intern	22,155
	NEW YORK GREEN BANK, PS.026_NYGB	1,149
	NEW YORK GREEN BANK, PS.038_NYGB Analyst	21,824
	NYCH: District, Clean Heating & Cooling	2,267
	NYCH: Innovation, Payroll Services_Advanced Buil	12,608
	NYSERDA ADMINISTRATION, Payroll Services	22,273
	NYSERDA ADMINISTRATION, Payroll Services_EAE_intern	8,707
	NYSERDA ADMINISTRATION, Payroll Services_Eval Intern	1,367
	NYSERDA ADMINISTRATION, Payroll Services_Gov't Affairs	5,470
	NYSERDA ADMINISTRATION, Payroll Services_Legal_Intern	9,090
	NYSERDA ADMINISTRATION, Payroll Services_Office of CIO	8,232
	NYSERDA ADMINISTRATION, Payroll Services_Perf Mgmt	5,304
	NYSERDA ADMINISTRATION, Payroll Services_SFR_intern	5,570
	NYSERDA ADMINISTRATION, Payroll Services_SS APM	45,014
	NYSERDA ADMINISTRATION, Payroll Services_Web Ops	23,638
	NYSERDA ADMINISTRATION, Temp Services - Marketing	20,969
	NYSERDA ADMINISTRATION, TS.022 - Facilities Clerk	8,643
	OTHER PROGRAM AREA, Payroll Services_Innovation	29,516
	Pay for Performance, Payroll Services_Utility Affai	1,575
	Payroll Services	26,491
	Payroll Services_Eval Intern	4,102
	Renewable Heat NY, Payroll Services_CHC	12,188
	Solar Thermal, Payroll Services_CHC	0
	Temporary Services	11,792
<b>RCPI Landmark Properties, LLC</b>	Technical Services, OsEM63-C-TS-Rockefeller Center	42,348
<b>RE-Nuble, Inc.</b>	Cleantech Ignition, PON 3871 Ignition Grants	27,000
<b>re: Charge-e, Inc.</b>	CLEAN TRANSPORTATION, Inductive charging for e-bikes	94,500
<b>Recurve Analytics, Inc.</b>	NYCH: Comfort Home, RFP 3901 P4P-AMV Platform	0
	Pay for Performance, RFP 3901 P4P-AMV Platform	109,881
<b>RED Rochester</b>	CI Carbon Challenge, RED C&I Carbon Challenge	241,763
	Industrial Process Effic, Industrial Process Efficiency	597,294
	Technical Services, FT13182-RED-Rochester- PON	6,581
<b>ReEnergy Black River LLC</b>	LARGE SCALE RENEWABLES, Black River Facility	4,534,629
<b>Related Management Company LP</b>	Workforce Industry Partnership, PON 3442 BOM Training Program	23,616
<b>Renewable Rochester LLC</b>	<200KW PV, PON 2112 NY SUN	30,924
<b>Renovus Energy, Inc.</b>	<200KW PV, PON 2112 NY SUN	496,485
	NY-SUN, PON 2112 NY SUN	152,044
<b>Rensselaer Polytechnic Institute</b>	High Performing Grid, PON 3397 CAT A	45,482
<b>Rensselaer Polytechnic Institute-LRC</b>	Talent Pipeline:CE and OJT, PON3981 WFD Capacity Building	28,365
<b>Reos US Inc.</b>	Empire Building Challenge, EBC - Partner Cohort - Reos	71,863
	NYCH: Empire Build Challenge, EBC - Partner Cohort - Reos	71,863
<b>Research Foundation of CUNY</b>	Environmental Research, AQHE PON 3921	11,432
	NY-SUN, Affordable Solar NYCHA Commerc	13,100
	Rmve Barriers Dist Enrgy Storg, RFP 3407 Category 1	12,657
	Rmve Barriers Dist Enrgy Storg, RFP 3407 TWO 3	140,554
	Talent Pipeline:CE and OJT, PON3981 Round 3	68,816

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Research Foundation of SUNY</b>	Anaerobic Digesters, PON 3739 CAT B	26,543
	ENVIRONMENTAL RESEARCH, Combining Measurements and Mod	1,421
	Environmental Research, IDEA-NYS air quality forecast	22,812
	ENVIRONMENTAL RESEARCH, Seiche in Eastern Lake Erie	9,607
<b>Research Foundation of The City</b>	Talent Pipeline:CE and OJT, PON3981 Round 4	52,141
<b>Resource Refocus LLC</b>	Code to Zero, Comparison Analysis	6,306
<b>Responsible Offshore Development Al..</b>	Environmental Research, ENV & Fisheries Rsrch for OSW	33,077
<b>Revere Smelting &amp; Refining Corp.</b>	On-Site Energy Manager, OsEM58-I Revere Smelting	64,823
<b>RFP Enterprises LLC</b>	Innovation Advisors, Innovation Advisory Services 2	26,480
<b>Ricoh USA Inc</b>	NYSERDA ADMINISTRATION, RFP 3919-Sitecore CMS Admin	302,000
<b>Riseboro Community Partnership, Inc.</b>	New Construction Housing, 2019 MFCNP	19,980
	Retrofit NY, PON 4062	127,573
	Workforce Industry Partnership, PON 3442 Workforce Training	17,000
<b>Robert Derecor Associates</b>	Commercial Real Estate Ten, RDA - 225 Liberty St - CTP	5,903
	Commercial Real Estate Ten, RDA - 1271 Avenue of the Ameri	18,005
	Commercial Real Estate Ten, RDA-1114 AoA FI 5-7 - CTP	6,720
	Commercial Real Estate Ten, RDA-1221 Avenue of the America	6,740
	Commercial Real Estate Ten, Robert Derecor-66 Hudson Blvd	52,000
	Commercial Real Estate Ten, Robert Derecor-601 Lexington	12,004
<b>Robert K. Harmon &amp; Company LLC</b>	Pay for Performance, MEETS - Robert K. Harmon - TWO	18,656
<b>Rochester District Heating Cooperative</b>	On-Site Energy Manager, OsEM20-I-Rochester District	3,593
<b>Rochester Institute of Technology</b>	Cleantech Incubator, PON3413 Clean Energy Incubator	190,000
	REV Campus Challenge, REV CC ETL_Rd. 2	14,650
<b>Rochester People's Climate Coalition</b>	Community RH&C, CH&C Communities Round 3.	35,000
<b>Rochester Regional Health</b>	Technical Services, OsEM42-C - Rochester Regional	37,798
<b>Rocky Mountain Institute</b>	Empire Building Challenge, Empire Bldg. Challenge - RMI	37,666
	ENERGY ANALYSIS, TWO# 2 Bldg. Elec. Roadmap	44,577
	New Construction Housing, 140390 TWO#1	86,362
	New Construction Housing, TWO 3 CNB Roadmap Support	33,334
	New Construction- Commercial, 140390 TWO#1	55,405
	New Construction- Commercial, TWO 3 CNB Roadmap Support	16,666
	NYCH: Empire Build Challenge, Empire Bldg. Challenge - RMI	3,798
	Pub Transit & Elect Rail, Clean Transportation	53,849
<b>Romulus Central School District</b>	K-12 SCHOOLS, P12GC-18_E - Romulus CSD - PON	19,800
	NYCH: Technical Assistance, P12GC-18_E - Romulus CSD - PON	0
<b>Rosenblum Property Services, LLC</b>	SARATOGA TECHNOLOGY & ENERGY PARK, STEP Property Mgmt Ser..	78,907
<b>Ross Solar Group, LLC</b>	>200KW PV, NY-Sun CI	160,250
<b>Ruffalo Appliance</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	2,532
<b>Rural Ulster Preservation Company</b>	CLEANER GREENER COMMUNITIES, CGC54322 - RUPCO	1,000,000
<b>RXR SL Owner LLC</b>	Technical Services, OsEM70-C-RXR - Starrett Lehigh	97,734
<b>Safari Energy LLC</b>	<200KW PV, PON 2112 NY SUN	69,120
	>200KW PV, PON 2112 NY SUN	182,880
<b>SANFILIPPO SOLUTIONS INC.</b>	Talent Pipeline:CE and OJT, OJT HIRE	2,255
<b>Sanford Plaza Apartment Corp</b>	Multifam Performance Pgm, Multifamily	36,000
<b>Saranac Lake Community Solar LLC</b>	>200KW PV, NY-Sun C&I	251,505
<b>Saratoga Solar LLC</b>	>200KW PV, NY Sun	325,628
<b>Scanify, Inc.</b>	Cleantech Ignition, PON 3871 Ignition Grants	40,000
<b>Schenectady County Solar Projects 2..</b>	>200KW PV, NY-Sun CI Full/Payee Assignmen	69,609

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Schneider Electric Buildings Americas, I</b>	Real Time Enrgy Management, Schneider Electric_30 West End	10,704
	Real Time Enrgy Management, Schneider-140 58th St-RTEM	4,446
	Real Time Enrgy Management, Schneider-390 Madison Ave-RTEM	44,018
	Real Time Enrgy Management, SEBA - 30-19 Crescent St- RTEM	31,676
	Real Time Enrgy Management, SEBAI - 222 E 41st St - RTEM	18,923
<b>SecondMuse LLC</b>	M-Corps, MCorps Pilot in NYC	373,500
<b>Selkirk Cogen Partners LP</b>	Industrial Process Effic, Industrial Process Efficiency	65,072
<b>Seneca Energy II, LLC</b>	LARGE SCALE RENEWABLES, Ontario LFGE	57,148
	LARGE SCALE RENEWABLES, Seneca Energy	0
<b>Sentient Science Corporation</b>	Pub Transit & Elect Rail, DigitalClone for rail	87,884
<b>Setpoint AI Inc</b>	Talent Pipeline:CE and OJT, OJT HIRE	22,812
<b>Shared Mobility, Inc.</b>	CLEAN TRANSPORTATION, Informing Electric Micromobili	22,837
<b>Sharon Springs Village</b>	Clean Energy Communities, CEC600971 V Sharon Springs	12,500
<b>Sheldon Energy, LLC</b>	LARGE SCALE RENEWABLES, High Sheldon Wind Farm	1,795,444
<b>Siemens Industry, Inc.</b>	Electric Vehicles - Innovation, Meter Integrated EVSE	89,186
	ENERGY ANALYSIS, TWO #1: 100x40 Study	472,607
	OREC: Technical Support, TWO 2 Econ Study of Ntwrk OSW	40,000
	Real Time Enrgy Management, Siemens - 10 Columbus Cir-RTEM	36,837
	Real Time Enrgy Management, Siemens - 57 E 57 St - RTEM	12,370
	Real Time Enrgy Management, Siemens - 73 Co Rte 11a - RTEM	174,634
	Real Time Enrgy Management, Siemens - 115 Brickman - RTEM	172,121
	Real Time Enrgy Management, Siemens - Multisite - RTEM	403,159
	Real Time Enrgy Management, Siemens Ind - Multisite - RTEM	28,717
	Real Time Enrgy Management, Siemens_21 Institute St-RTEM	37,797
	Real Time Enrgy Management, Siemens- 350 Parrish Ave -RTEM	9,994
	Real Time Enrgy Management, Siemens-1 Academic Dr-RTEM	10,500
	Real Time Enrgy Management, Siemens-1 Fountain-RTEM	70,891
	Real Time Enrgy Management, Siemens-2 Buccaneer-RTEM	190,500
	Real Time Enrgy Management, Siemens-10 Cobham DR-RTEM	21,600
	Real Time Enrgy Management, Siemens-57 Pan Creek Dr-RTEM	89,234
	Real Time Enrgy Management, Siemens-100 Mendon-RTEM	6,638
	Real Time Enrgy Management, Siemens-150 W 65th-RTEM	12,582
	Real Time Enrgy Management, Siemens-153 W Buffalo-RTEM	3,720
	Real Time Enrgy Management, Siemens-260 Cooper Rd-RTEM	3,866
	Real Time Enrgy Management, Siemens-277Park-RTEM	53,522
	Real Time Enrgy Management, Siemens-1425 Madison Ave-RTEM	7,749
	Real Time Enrgy Management, Siemens-1425 Portland-RTEM	28,646
	Real Time Enrgy Management, Siemens-1585 Broadway-RTEM	57,915
	Real Time Enrgy Management, Siemens-3325 Marvin Sands-RTEM	8,010
	Real Time Enrgy Management, Siemens-5285 Lewiston-RTEM	58,410
	Real Time Enrgy Management, Siemens-11060 US Rt 11-RTEM	27,222
Real Time Enrgy Management, Siemens-Brasher Falls CSD-RTEM	25,400	
Real Time Enrgy Management, Siemens-Multisite-RTEM	303,719	
REC4:CES REC4 Tech Support, TWO #1: 100x40 Study	297,552	
REC:CES REC System Dev Costs, TWO #1: 100x40 Study	65,945	
<b>Sif Capital Advisors LLC</b>	Innovation Advisors, Innovation Advisory Services	26,240
<b>Sigora Solar</b>	<200KW PV, PON 2112 NY SUN	33,740
<b>Simple Energy, Inc.</b>	Electric Vehicles - Innovation, PON 3578 R1 CAT4	18,900

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Simply Installs LLC	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,223
Sive Paget & Riesel PC	BR: Program Implementation, BR Outside Counsel Support	21,220
	Innovation, NY Climate Forward Loan Prog	743
	NEW YORK GREEN BANK, RFP 12: NYGB Legal Services	23,725
	WEST VALLEY DEVELOPMENT PROGRAM, RFP 3300 & RFP 3776 Outs..	1,683
Skyline Solar Inc.	<200KW PV, PON 2112 NY SUN	18,988
Skyven Technologies, Inc	Cleantech ICC Engage, Co-Investment Fund Prgm RFQL	80,000
Smart Home Energy Source	<200KW PV, NY-Sun	5,232
	COMMUNITY SOLAR, NY-Sun	322
	ENERGY STORAGE, NY-Sun	11,640
Smith Engineering PLLC	REV Campus Challenge, FT13168 - 413 E 69th - FTC	29,887
	Technical Services, FT13121 - 825 Eighth Ave - FTC	16,098
	Technical Services, FT13193 - 150 East 42nd - FTC	14,910
	Workforce Industry Partnership, PON 3715 Workforce Training	183,872
Snug Planet, LLC	NYCH: Talent Ppln:CE and OJT, OJT HIRE	2,850
	Talent Pipeline:CE and OJT, OJT HIRE	8,421
Social Finance Inc.	NYCH: Talent Ppln:CE and OJT, Social Finance Contract	85,917
SOLANTA CORP	>200KW PV, PON 2112 NY SUN	66,226
Solar Energy LLC	<200KW PV, PON 2112 NY SUN	765,180
Solar Energy Systems, LLC	>200KW PV, PON 2112 NY SUN	104,040
Solar Liberty Energy Systems, Inc	<200KW PV, NY-Sun	20,478
	<200KW PV, PON 2112 NY SUN	101,699
	>200KW PV, NY-Sun	44,020
	NY-SUN, PV System @ SUNY New Paltz	90,780
Solar Tompkins Inc.	Community RH&C, CH&C Communities Round 3	71,700
Solar Village Company LLC	New Construction Housing, NCP Housing	28,800
SolarCommunities Inc.	<200KW PV, PON 2112 NY SUN	93,257
SolarKal LLC	Novel Bus Models & Offers, 3932 R 2 Novel Business Model	25,000
Solo Energy & Electrical, Inc.	Talent Pipeline:CE and OJT, OJT HIRE	1,181
Sologistics, LLC	Talent Pipeline:CE and OJT, OJT HIRE	768
Southport, LLC	>200KW PV, NY Sun	28,546
Southview Towers, L.P.	Multifam Performance Pgm, Multifamily	9,650
SRS Holdings LLC	Energy Storage Tech/Prod Dev, PON 3585 R2 Polymer-Clay separ	26,000
SSA Solar of NY 3 LLC	>200KW PV, NY Sun	815,127
SSA Solar of NY 4 LLC	>200KW PV, NY-Sun C/I	69,937
Stacks and Joules Inc.	NYCH: Talent Ppln:CE and OJT, Career Pathway HVAC/Heat Pumps	63,839
	Talent Pipeline:CE and OJT, PON3981 Round 4	19,008
Standard Insulating Company	NYCH: Talent Ppln:CE and OJT, OJT HIRE	3,566
	Talent Pipeline:CE and OJT, OJT HIRE	18,136
Standard Solar, Inc	>200KW PV, NY-Sun C&I	296,341
Stantec Consulting Services, Inc.	WEST VALLEY DEVELOPMENT PROGRAM, WVSMP ENV. Support Servi..	168,777
Stash Energy Inc	NYCH: Innovation, Mini-split heat pumps w/storag	158,000
State University of New York College	Technical Services, OsEM36-C - SUNY Geneseo	26,745
Steel Sun 2 LLC	>200KW PV, SteelSun 2 Canisius College 3	500,494
	>200KW PV, SteelSun 2 Canisius College 1	501,128
	>200KW PV, SteelSun2 - Canisius College 2	513,343
Steven Winter Associates, Inc.	Air Source Heat Pumps, TWO 3 - Heat Pump Pattern Book	12,960
	Code to Zero, TWO #4 - ANSI Standards	31,105

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>	
<b>Steven Winter Associates, Inc.</b>	Commercial New Construc, New Construction	9,966	
	Consumer Ed and Market Support, TWO 3 - Heat Pump Pattern Book	12,960	
	Empire Building Challenge, EBC TA - SWA	26,000	
	Market Tests, Market Insights	53,415	
	Market Tests, TWO 3 - Heat Pump Pattern Book	12,960	
	Multifam New Construction, MFNCP-Sendero VerdeC-Mentoring	8,466	
	New Construction Housing, 2019 MFCNP	9,995	
	New Construction Housing, TWO #4 - ANSI Standards	9,369	
	New Construction Housing, TWO PON 3943	9,144	
	New Construction- Commercial, TWO PON 3943	9,144	
	Novel Bus Models & Offers, Novel Business Models R2	50,000	
	NYCH: Comfort Home, Heat Pump Ready Training	12,370	
	NYCH: Empire Build Challenge, EBC TA - SWA	26,000	
	NYCH: Innovation, BAS for small & medium bldgs	6,187	
	NYCH: Innovation, Cold Climate PTHP	46,100	
	NYCH: Innovation, PON3519 Round 1	283,814	
	NYCH: Supply Chain, ASHP SupplyChain Develop Mtgs	25,488	
	NYCH: Talent Ppln:CE and OJT, PON3981 Round 8	5,466	
	NYCH: Talent Ppln:CE and OJT, Steven Winter Assoc. Training	16,264	
	NYCH: Technical Assistance, FT13276 - 75 Livingston - FTC	9,750	
	NYCH: Technical Assistance, FT13369 - 80 LaSalle - FTC	7,863	
	NYCH: Technical Assistance, FT13429 - 1485 5th - FTC	4,937	
	NYCH: Technical Assistance, FT13430 - 389 East 89th - FTC	2,662	
	NYCH: Technical Assistance, FT13456 - 935 Park - FTC	4,317	
	NYCH: Technical Assistance, FT13479 - 88-36 77th - FTC	3,415	
	REV Campus Challenge, FT13094 - 130 Mac Dougal - FTC	6,425	
	Single Family New Construction, TWO #4 - ANSI Standards	9,369	
	Talent Pipeline:CE and OJT, PON3981 Round 4	8,669	
	Technical Services, FT13186 - Electchester - FTC	7,854	
	Workforce Industry Partnership, PON 3715 BOM Training	31,835	
	Workforce Industry Partnership, PON 3715 Workforce Training	446,824	
	<b>Stone Environmental, Inc.</b>	Informat. Products & Brokering, Data Asset Matching STONE TWO	689
	<b>Stony Creek Energy LLC</b>	LARGE SCALE RENEWABLES, Stony Creek Wind Farm	2,295,310
<b>StorEn Technologies Inc.</b>	Energy Storage Tech/Prod Dev, PON 3585 R2	12,000	
<b>Suffolk County Community College</b>	REV CAMPUS CHALLENGE, RFP 3675 REV Campus Challenge	44,787	
	RFP 3675 REV Campus Challenge	45,213	
<b>Sugar Hill Solar 1, LLC</b>	>200KW PV, NY Sun	684,450	
<b>Sun Source Technologies</b>	<200KW PV, PON 2112 NY SUN	46,571	
<b>SuNation Solar Systems, Inc.</b>	>200KW PV, PON 2112 NY SUN	82,400	
	ENERGY STORAGE, PON 2112 NY SUN	243,750	
<b>Sunnova Energy Corp</b>	<200KW PV, PON 2112 NY SUN	14,399	
<b>Sunnycrest Gardens Vintage, LCC</b>	Multifam Performance Pgm, Multifamily	3,050	
<b>SunPower Capital, LLC</b>	<200KW PV, PON 2112 NY SUN	42,471	
<b>SUNRISE ELECTRICAL SERVICES</b>	<200KW PV, NY Sun	116,000	
<b>Sunrise Solar Solutions, LLC</b>	>200KW PV, PON 2112 NY SUN	290,990	
<b>SunRun, Inc</b>	<200KW PV, PON 2112 NY SUN	68,335	
	ENERGY STORAGE, PON 2112 NY SUN	137,500	
<b>Sunvestment Energy Group NY 64 LLC</b>	>200KW PV, NY Sun	345,158	

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Sunwealth Power, Inc.</b>	<200KW PV, NY-Sun	21,823
	>200KW PV, NY-Sun	7,703
<b>SUNY - ESF</b>	Environmental Research, ALTM Streams 2018-2022	4,701
	REV Campus Challenge, RM2 - SUNY ESF	7,317
<b>SUNY Brockport</b>	REV Campus Challenge, RM9 - SUNY Brockport College	67,209
<b>SUNY Cobleskill</b>	Technical Services, OsEM4-C SUNY Cobleskill	29,211
<b>SUNY Morrisville</b>	Technical Services, OsEM30-C - SUNY Morrisville	23,730
<b>SUNY Oneonta</b>	Commercial New Construc, SF203494 - SUNY Oneonta Emerg	7,736
<b>SUNY Ulster</b>	Talent Pipeline:CE and OJT, PON3981 Round 4	45,506
<b>SUNY: Polytechnic Institute</b>	Talent Pipeline:CE and OJT, PON3981 Round 7	4,728
<b>SURF AVENUE LCAL LLC</b>	NYCH: District, FT13258 - 1517 Surf - PON	55,181
<b>Surf Clean Energy Inc</b>	<200KW PV, NY-Sun	57,548
	<200KW PV, PON 2112 NY SUN	22,356
	COMMUNITY SOLAR, NY-Sun	7,721
	COMMUNITY SOLAR, PON 2112 NY SUN	5,304
	ENERGY STORAGE, NY-Sun	10,131
	ENERGY STORAGE, PON 2112 NY SUN	6,250
<b>Sustainable Comfort, Inc</b>	Talent Pipeline:CE and OJT, OJT HIRE	24,387
<b>Sustainable Energy Advantage, LLC</b>	LARGE SCALE RENEWABLES, Large Scales Renewables Techni	3,175
	REC:CES REC System Dev Costs, Large Scales Renewables Techni	3,137
	REC:CES REC System Dev Costs, Supply Curve Update 101124-15	7,300
	ZEC:CES ZEC System Dev Costs, Large Scales Renewables Techni	0
<b>Sustainable Energy Developments Inc.</b>	<200KW PV, PON 2112 NY SUN	97,200
	Talent Pipeline:CE and OJT, OJT HIRE	1,145
<b>Sustainable Tompkins</b>	Community RH&C, Tompkins County CH&C	43,700
<b>Sustainable Westchester</b>	Community RH&C, CH&C Communities Round 3	168,500
	NY-SUN, NY-Sun	60,000
<b>Sweetwater Energy, Inc.</b>	INNOVATION CAPACITY & BUSINESS DEVELOPMENT, Cellulosic Sugar..	15,000
<b>Switched Source LLC</b>	High Performing Grid, Transient Studies	92,260
<b>Switched Source TC LLC</b>	High Performing Grid, Tie Controller for Renewable	239,963
<b>Syracuse University</b>	NYCH: Innovation, Advanced Buildings	35,000
<b>Syracuse, City</b>	CLEANER GREENER COMMUNITIES, CGC30900 – City of Syracuse	107,878
<b>Syska Hennessy Group</b>	Technical Services, Indoor Air Quality TWO - Syska	40,996
<b>Tagup Inc.</b>	High Performing Grid, PON 3770	100,850
	Nat'l OffShWind R&D Consortium, Nat'l Offshore Wind R&D	45,065
	Nat'l Offshore Wind R&D	45,065
<b>Taitem Engineering, P.C.</b>	Air Source Heat Pumps, 3695 TWO Umbrella Agreement	-26,407
	CI Carbon Challenge, CICC1903 - Cornell	17,613
	Commercial New Construc, Commercial New Construction	2,124
	Commercial Real Estate Ten, Taitem-110 S Albany St	6,412
	EMERGING TECHNOLOGY / ACCELERATED COMMERCIALIZATION, P..	1,040
	Geothermal Incentive Program, Technical Review and Program S	32,891
	Low Carbon Tech Demos, 3695 TWO Umbrella Agreement	0
	Multifam Performance Pgm, 3695 TWO Umbrella Agreement	26,407
	Multifam Performance Pgm, Multifamily	269,301
	NYCH: Low Carbon Tech Demos, 3695 TWO Umbrella Agreement	0
	Real Time Enrgy Management, Taitem-55 Brown-RTEM	7,457
	Technical Services, FT13178 - 200 East 84th - FTC	17,466



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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Talen Energy Marketing, LLC</b>	LARGE SCALE RENEWABLES, Locust Ridge Wind Farm	872,161
<b>Talisen Technologies, Inc</b>	Real Time Enrgy Management, Energy Mangt Data_Tech Supp	442,869
<b>Tech Valley Talent, LLC</b>	NYSERDA ADMINISTRATION, RFP3143 Umbrella Agreement	284,896
	NYSERDA ADMINISTRATION, TWO 5 .Net Software Dev.B Khan	74,424
	NYSERDA ADMINISTRATION, TWO 8 Server Op's -Rutvik C.	34,976
	NYSERDA ADMINISTRATION, TWO # 3 Salesforce BA-Brochste	68,090
	NYSERDA ADMINISTRATION, TWO #7 Software Dev. Zaheen	38,686
	NYSERDA ADMINISTRATION, TWO #9 QA Analyst Beth Graves	18,388
	NYSERDA ADMINISTRATION, TWO #10 Server Ops – Ross	1,418
	NYSERDA ADMINISTRATION, TWO QA Analyst - Beth Graves	90,898
	NYSERDA ADMINISTRATION, TWO Salesforce BA - Himmelfarb	69,859
	NYSERDA ADMINISTRATION, TWO Salesforce BA Jason Thomas	15,994
	NYSERDA ADMINISTRATION, TWO Software Dev. Mgr. Yates	74,217
	NYSERDA ADMINISTRATION, TWO Sr. Software Dev. M Simon	49,030
	NYSERDA ADMINISTRATION, TWO Sr.Software Eng – Carrick	96,523
	NYSERDA ADMINISTRATION, TWO26 Server Ops	51,992
	REC2:CES REC2 Syst Development, TWO #6 Salesforce Tech -Portia	19,715
	REC:CES REC System Dev Costs, RFP3143 Umbrella Agreement	0
	REC:CES REC System Dev Costs, TWO 1 Salesforce Dev. Rajesh K	43,532
	REC:CES REC System Dev Costs, TWO #6 Salesforce Tech -Portia	32,859
	ZEC:CES ZEC System Dev Costs, TWO 1 Salesforce Dev. Rajesh K	43,532
	ZEC:CES ZEC System Dev Costs, TWO #6 Salesforce Tech -Portia	13,144
<b>Tecogen</b>	COMBINED HEAT AND POWER, CHP Acceleration Program	205,530
	Combined Heat and Power, CHPA - 60 Sutton Place	170,775
	Combined Heat and Power, CHPA - Brooklyn United Methodi	206,246
	COMBINED HEAT AND POWER, CHPA - Hotel Bellclaire	79,200
	COMBINED HEAT AND POWER, CHPA - Taxi 302-02 39th St	119,000
	Combined Heat and Power, CHPA-301 East 69th Street - Ma	52,020
	Combined Heat and Power, CHPA-Ballston Spa Schools	265,018
	Combined Heat and Power, CHPA-Normandie Court	106,735
<b>Tern Construction &amp; Development, LLC</b>	New Construction Housing, 2019 LRNCP	0
	Single Family New Construction, 2019 LRNCP	3,700
<b>Tesla Energy Operations Inc</b>	<200KW PV, PON 2112 NY SUN	22,848
	>200KW PV, Commercial/Industrial	31,304
	>200KW PV, Commercial/Industrial PV	129,056
	>200KW PV, NY Sun	9,410
	>200KW PV, NY-Sun C/I	24,492
	>200KW PV, PV System @ Onondaga County Ja	230,543
	>200KW PV, PV System @ Oswego County - Fu	337,819
	ENERGY STORAGE, PON 2112 NY SUN	362,500
	NY-SUN, PV System at Oneida County	319,940
	NY-SUN, PV System at Onondaga County	680,407
<b>Tetra Tech Engineers, Architects and ..</b>	Commercial New Construc, Tetra Tech (Consentini) RFP303	25,000
<b>Tetra Tech MA, Inc.</b>	OREC: Technical Support, TWO#1 OSW Fisheries WG	48,409
<b>Tetra Tech, Inc.</b>	Environmental Research, PON 4270 PV Site Design	31,581
	OREC: Technical Support, TWO #2- Cable Burial	36,983
	ORES Support, ORES Technical Assistance	129,174
<b>The Cadmus Group, LLC</b>	Air Source Heat Pumps, TWO #9 Whole House ASHP	38,307

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>The Cadmus Group, LLC</b>	Clean Energy Communities, BOB Support Contractor	196,588
	CLEAN TRANSPORTATION, TWO 5 Clean Transp Roadmap	147,619
	Code to Zero, RFQ3183 Umbrella Agreement	385,807
	Community RH&C, RFP3751 Clean Heating & Coolin	74,362
	COMMUNITY SOLAR, RFP 3764Solarize TA Provider	27,801
	Electric Vehicles - Innovation, TWO 5 Clean Transp Roadmap	93,592
	Electric Vehicles - Innovation, TWO No. 7	10,316
	ENERGY ANALYSIS, TWO #10 Climate Facilitation	0
	Eval MCDC EE Master Soft Cost, TWO#4 Soft Cost study	65,651
	Eval MCDC: MF Building Stock, Statewide Multifamily Baseline	499,561
	Eval MCDC: MF Potential Study, TWO #8 EE Potential - Multifam	64,838
	K-12 SCHOOLS, P-12 Schools Outreach - Cadmus	28,278
	Off-Shore Wind Pre-Dev Act, RFP 3462 Umbrella Agreement	16,037
	OREC: Technical Support, Great Lakes Wind Facilitation	18,900
	OREC: Technical Support, RFP 3462 Umbrella Agreement	58,305
	OREC: Technical Support, TWO 4 - RegionalFundingEntity	17,458
	Real Time Enrgy Management, RFQ3183 Umbrella Agreement	21,397
	REV Campus Challenge, REV Campus Challenge Market Ev	116,232
	TWO #10 Climate Facilitation	207,439
<b>The Center for New York City</b>	Community Energy Engagement, CEEP New York City Region (CNY)	192,233
	OTHER PROGRAM AREA, CEEP New York City Region (CNY)	13,484
<b>The City College of New York</b>	REV CAMPUS CHALLENGE, REVCC_ETL_Comp_Round 3	94,604
	Workforce Industry Partnership, PON 3715 Workforce Training	75,439
<b>The Common Pool, LLC</b>	EVPRZ:Implementation, Prize Administrator	922,500
<b>The Community Builders, Inc.</b>	Low Rise New Construction, New Construction	33,800
<b>The Culinary Institute of America</b>	Technical Services, OsEM47-C - Culinary Institute	8,713
<b>The Doe Fund Inc</b>	New Construction Housing, 2019 MFCNP	19,700
<b>The Greek School of Plato</b>	Commercial New Construc, NCP16004 - New Greek School	56,107
<b>The Insulation Man LLC</b>	Talent Pipeline:CE and OJT, OJT HIRE	7,231
<b>The Levy Partnership, Inc.</b>	Air Source Heat Pumps, NextGen HVAC Innovation	12,844
	NYCH: Innovation, NextGen HVAC Innovation	156
<b>The Logue Group</b>	WEST VALLEY DEVELOPMENT PROGRAM, WV- Demonstration Project	13,738
<b>The Nature Conservancy</b>	Environmental Research, PV Site Design (PON 4270)	8,922
<b>The Radiant Store</b>	Renewable Heat NY, The Radiant Store - Fagan	4,800
<b>The Research Foundation for SUNY</b>	Energy Storage Tech/Prod Dev, Renewable Optimz Energy Storge	10,000
<b>The Research Foundation for the State</b>	Environmental Research, Low-Cost AQ Sensors	3,462
	Environmental Research, Mobile Laboratory Measurements	4,275
	RENEWABLE HEAT NY, Lignocellulosic pellets	7,276
<b>The Research Foundation of SUNY (U..</b>	REV CAMPUS CHALLENGE, RFP 3214 REV Campus Challenge	250,000
<b>The Research Foundation of SUNY at Bing</b>	Cleantech Geo Coverage, PON3413 Clean Energy Incubator	37,930
	Cleantech Incubator, PON3413 Clean Energy Incubator	264,670
	High Performing Grid, Stability Impact Analysis	3,000
<b>The Standard Hydrogen Corporation</b>	High Performing Grid, Economical Long-Duration	10,000
<b>The Trustees of Columbia University</b>	Cleantech EIR, PON 3819	1,030,100
	ENVIRONMENTAL RESEARCH, Tropical Cyclone Risk Model	15,528
	OTHER PROGRAM AREA, PON 3249 ACE Electrofuels	28,272
<b>The Webster Green Housing</b>	Multifam Performance Pgm, Multifamily	34,440
<b>Thermal Associates, LLC</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	9,600

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>ThermoAI INC</b>	76 West, 76West Clean Energy Business C	150,000
	OTHER PROGRAM AREA, 76West Clean Energy Business C	0
<b>Thermodynamix LLC</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	25,555
	Talent Pipeline:CE and OJT, OJT HIRE	0
<b>Thornton Tomasetti, Inc.</b>	Commercial New Construc, Commercial New Construction	20,992
	Commercial Real Estate Ten, TTI - 100 6th Avenue	13,966
<b>Thuesen Mechanical Corp</b>	Combined Heat and Power, CHPA-Silo Ridge 1.2	35,175
<b>Timothy Marlett</b>	Talent Pipeline:CE and OJT, OJT HIRE	5,380
<b>tkFabricate, LLC</b>	Air Source Heat Pumps, VHE HVAC	0
	NYCH: Innovation, VHE HVAC	38,152
<b>Tompkins Consolidated Area Transit</b>	Pub Transit & Elect Rail, First/Last Mile in Tompkins Co	49,971
<b>Tompkins County</b>	Clean Energy Communities, CEC011216 - Tompkins County	62,500
<b>Town of Austerlitz, New York</b>	CEC400162-Twn of Austerlitz	396
	Clean Energy Communities, CEC400162-Twn of Austerlitz	66
<b>Town of Black Brook</b>	Clean Energy Communities, CEC701091 - Town of Black Broo	1,000
<b>Town of Brookhaven</b>	CLEANER GREENER COMMUNITIES, Town of Brookhaven	18,000
<b>Town of Colton</b>	Clean Energy Communities, CEC701140 - Town of Colton	28,125
<b>Town of Greece</b>	Clean Energy Communities, CEC310376-Town of Greece	111,750
<b>Town of Greenville</b>	CEC400161-Town of Greenville	0
	NYCH: Communities, CEC400161-Town of Greenville	30,000
<b>Town of Kinderhook</b>	CEC400049-Vlg of Kinderhook	22,500
<b>Town of Middletown</b>	Clean Energy Communities, CEC001299 - Town of Middletown	20,625
<b>Town of Southold</b>	CLEANER GREENER COMMUNITIES, Town of Southold	18,000
<b>Town of St Armand</b>	Clean Energy Communities, CEC701206-Town of St. Armand	12,500
<b>Town of Veteran</b>	Clean Energy Communities, CEC001367 - Town of Veteran	50,000
<b>Town of Windsor</b>	Clean Energy Communities, Town of Windsor	3,750
<b>Trane</b>	K-12 SCHOOLS, P12GC-14_E - Monticello - PON	45,758
	K-12 SCHOOLS, P12GC-22_E - Poughkeepsie -PON	146,000
	K-12 SCHOOLS, P12GC-25_E - Gowanda CSD - PON	54,058
	Real Time Enrgy Management, CtrSynagogue-652Lexington-RTEM	9,724
	Real Time Enrgy Management, Hilton - 237 W 54th St - RTEM	5,794
	Real Time Enrgy Management, Remsen CSD-9733 Main St-RTEM	6,856
	Real Time Enrgy Management, Trane - 1 Credit Union - RTEM	102,469
	Real Time Enrgy Management, Trane - 22 Cortlandt St - RTEM	264,119
	Real Time Enrgy Management, Trane - 334 Co Rte 16 - RTEM	63,879
	Real Time Enrgy Management, Trane - 9733 Main St - RTEM	4,500
	Real Time Enrgy Management, Trane Us Inc-Multisite-RTEM	29,661
	Real Time Enrgy Management, Trane-40 Sunshine Cottage-RTEM	14,088
	Real Time Enrgy Management, Trane-215 S Broad-RTEM	5,626
	Real Time Enrgy Management, Trane-760 Parkside Ave-RTEM	7,893
	Real Time Enrgy Management, Trane-North Colonie CSD-RTEM	231,962
	Remote Energy Management, RFP 3683 REM Program	170,642
<b>TransCore ITS LLC</b>	CLEAN TRANSPORTATION, Green Traffic Control Cabinet	58,223
<b>TRC Energy Services</b>	Capital Planning, SA.075_TWO #26_MF_PM	12,136
	Cleantech ICC Engage, SA.063_TWO #22 - T2M	18,068
	Commercial New Construc, SA.040_TWO #16 - NC PM	0
	Commercial New Construc, SA.041_TWO#14 - NCP PM	13,370
	Commercial New Construc, SA.042_TWO#17b - NCP NYC PM	46,174

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
TRC Energy Services	Commercial New Construc, Staff Augmentation Services	-33,460
	ENERGY ANALYSIS, SA.053a_TWO #20 - EEA	67,504
	ENERGY ANALYSIS, Staff Augmentation Services	82,510
	Energy Storage Tech/Prod Dev, SA.063_TWO #22 - T2M	18,068
	EVPRZ:Implementation, SA.071_TWO# 20_Clean Trans_PM	82,314
	Flexible Tech Assistance, Staff Augmentation Services	2,330
	High Performing Grid, SA.063_TWO #22 - T2M	18,068
	K-12 SCHOOLS, RFP3628FlexTechConsultUmbrella	134,855
	K-12 SCHOOLS, SA.026a_TWO#13 - EPE	66,230
	K-12 SCHOOLS, Staff Augmentation Services	5,305
	Low Carbon Tech Demos, SA.075_TWO #26_MF_PM	48,545
	Low Carbon Tech Demos, Staff Augmentation Services	20,321
	Low Rise New Construction, SA.040_TWO #16 - NC PM	0
	Low Rise New Construction, SA.041_TWO#14 - NCP PM	36,872
	Low Rise New Construction, SA.042_TWO#17b - NCP NYC PM	49,803
	Low Rise New Construction, Staff Augmentation Services	-19,341
	Low-Income Forum on Energy, LIFE Implementation Services	57,064
	Multifam New Construction, SA.040_TWO #16 - NC PM	0
	Multifam New Construction, SA.042_TWO#17 - NCP NYC PM	54,256
	Multifam New Construction, SA.042_TWO#17b - NCP NYC PM	75,068
	Multifam New Construction, Staff Augmentation Services	-22,531
	Multifam Performance Pgm, SA.014_TWO #7_MF_PM	0
	Multifam Performance Pgm, SA.017_TWO #9_MF_APM	0
	Multifam Performance Pgm, Staff Augmentation Services	214,229
	New Construction Housing, SA.040_TWO #16 - NC PM	0
	New Construction Housing, SA.041_TWO#14 - NCP PM	35,788
	New Construction Housing, SA.042_TWO#17 - NCP NYC PM	24,114
	New Construction Housing, SA.042_TWO#17b - NCP NYC PM	15,249
	New Construction Housing, Staff Augmentation Services	14,459
	New Construction- Commercial, SA.040_TWO #16 - NC PM	0
	New Construction- Commercial, SA.041_TWO#14 - NCP PM	19,882
	New Construction- Commercial, SA.042_TWO#17 - NCP NYC PM	13,307
	New Construction- Commercial, SA.042_TWO#17b - NCP NYC PM	9,351
	New Construction- Commercial, Staff Augmentation Services	12,713
	NYCH: Comfort Home, Comfort Home Implementation	133,703
	NYCH: Innovation, SA.063_TWO #22 - T2M	18,068
	NYCH: Low Carbon Tech Demos, SA.075_TWO #26_MF_PM	0
	NYCH: Talent Ppln:CE and OJT, Technical Review and Program S	0
	NYCH: Talent Ppln:CE and OJT, TWO #4 SIPPRA Implementation	927
	NYCH: Technical Assistance, RFP3628FlexTechConsultUmbrella	9,167
	NYCH: Technical Assistance, SA.061_TWO#23 - Multifamily	40,582
	NYSERDA ADMINISTRATION, SA.059_TWO #21 - Financing Sol	0
	NYSERDA ADMINISTRATION, SA.069_TWO#19 - Contracts	74,296
	Pub Transit & Elect Rail, SA.063_TWO #22 - T2M	18,068
	Real Time Enrgy Management, SA.028_TWO #10_AES_PM	0
	Real Time Enrgy Management, Staff Augmentation Services	106,556
	Renewable Heat NY, Technical Review and Program S	139,678
SA.059_TWO #21 - Financing Sol	83,304	

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>TRC Energy Services</b>	SA.072_TWO #25_NY-SUN_Sr. PM	115,640
	Single Family New Construction, SA.041_TWO#14 - NCP PM	5,302
	Single Family New Construction, SA.042_TWO#17 - NCP NYC PM	8,440
	Single Family New Construction, SA.042_TWO#17b - NCP NYC PM	7,629
	Strategic Energy Manager, SA.047_TWO #19 - EPE	85,079
	Talent Pipeline:CE and OJT, Technical Review and Program S	351,426
	Talent Pipeline:CE and OJT, TWO #4 SIPBRA Implementation	927
	Talent Pipeline:Internship Pgm, Technical Review and Program S	0
	Talent Pipeline:OSW Training, Technical Review and Program S	0
	Technical Services, SA.061_TWO#23 - Multifamily	57,206
	Technical Services, Staff Augmentation Services	210,502
	Workforce Industry Partnership, Technical Review and Program S	159,739
<b>TRC Engineers, Inc</b>	NYCH: Innovation, PON3519 Round 1	25,537
<b>TRC Engineers, Inc.</b>	BR: Design, BR Benson Mines Engineering	60,467
	BR: Environmental, BR Benson Mines Env Permitting	39,423
	BR: Screening, Cat 3: Feasibility Design	85,523
	BR: Screening, Environmental Research	2,279
	BR: Screening, TWO- Cat 2_BR Site Crit. Issue	121,216
	CI Engy Siting & Soft Cost Red, Cat 3: Feasibility Design	0
	CI Engy Siting & Soft Cost Red, Large-Scale Renewables	0
	CI Engy Siting & Soft Cost Red, TWO- Cat 2_BR Site Crit. Issue	0
	NYCH: Innovation, PON3519 Round 1.	41,215
	NYCH: Supply Chain, Upstream Partners Initiative	88,434
<b>Trees New York</b>	GREENING THE BRONX, Efficiency Planning & Engineer	25,130
<b>Trinity Financial, Inc.</b>	Buildings of Excellence, Buildings of Excellence R1	187,500
<b>Trinity NY Development LLC</b>	Multifam New Construction, MFNCP PHIUS T3-425 Grand C	53,475
	Multifam New Construction, New Construction	24,350
<b>Trinity Solar Inc</b>	<200KW PV, PON 2112 NY SUN	39,746
<b>Triton Systems, Inc</b>	Nat'l OffShWind R&D Consortium, Natl Offshore Wind R&D	147,500
	Natl Offshore Wind R&D	147,500
<b>True Building Performance LLC</b>	Talent Pipeline:CE and OJT, OJT HIRE	6,416
<b>True Energy Solutions</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	4,764
	Talent Pipeline:CE and OJT, OJT HIRE	7,118
<b>Trustees of Tufts College</b>	Nat'l OffShWind R&D Consortium, Natl Offshore Wind R&D	50,909
	Natl Offshore Wind R&D	55,909
<b>Tungsten Sources, LLC</b>	INNOVATION CAPACITY & BUSINESS DEVELOPMENT, Transformative ..	30,000
<b>TurnKey Internet, Inc.</b>	Industrial Process Effic, Industrial Process Efficiency	27,852
<b>Two Plus Four Construction Co., Inc.</b>	New Construction Housing, 2019 LRNCP	41,000
<b>U&amp;S Services, Inc.</b>	Remote Energy Management, RFP3683 REM Program	17,374
<b>Underground Systems, Inc.</b>	High Performing Grid, PON 3770	250,000
<b>Unique Comp Inc.</b>	NYSERDA ADMINISTRATION, RFP3143 Umbrella Agreement	299,531
	NYSERDA ADMINISTRATION, TWO #2 Web Content Editor	8,288
	NYSERDA ADMINISTRATION, TWO #3 Database Admin. Vinaya	51,615
	NYSERDA ADMINISTRATION, TWO Sr. Software Engin. -Bhanu	89,930
<b>Unique Electric Solutions of NYS LLC</b>	Cleantech Ignition, PON 3871 Ignition Grants	69,500
<b>Unique People Services, Inc</b>	Buildings of Excellence, Buildings of Excellence R1	187,500
<b>United States Department of the Interi..</b>	Environmental Research, ENV & Fisheries Rsrch for OSW	16,518
<b>United Way of Long Island</b>	OTHER PROGRAM AREA, CEEP Long Island (UWLI)	68,069

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>University at Albany</b>	Commercial New Construc, NCP15013 - Building 27	2,102
	Environmental Research, AQHE PON 3921	47,784
	Geothermal Incentive Program, GSHP Incentve	300,000
	High Performing Grid, PON 3770	17,654
<b>University of Maine</b>	Nat'l OffShWind R&D Consortium, Natl Offshore Wind R&D	-7,562
	Natl Offshore Wind R&D	7,562
<b>University of Massachusetts Amherst</b>	Nat'l OffShWind R&D Consortium, Natl Offshore Wind R&D	6,238
	Natl Offshore Wind R&D	6,238
<b>University of North Carolina at Chapel..</b>	Environmental Research, AQHE PON 3921	107,079
<b>University of Rochester</b>	Environmental Research, AQHE PON 3921	37,055
	ENVIRONMENTAL RESEARCH, Long-Term Monitoring of Methan	25,586
	REV Campus Challenge, RFP 3675 REV Campus Challenge	230,000
<b>University of Wisconsin System</b>	Environmental Research, NADP LTM Ecosystems in NYS	45,998
<b>Uplight, Inc.</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Residential Pr..	565
	EMPOWER NY, Residential Program MgtRFP3545	565
	GJGNY Market Rate Audits, Residential Program MgtRFP3545	34,275
	Home Perf w Energy Star, Residential Program MgtRFP3545	72,125
	Residential Program MgtRFP3545	0
<b>Urban Electric Power, LLC</b>	Talent Pipeline:CE and OJT, OJT HIRE	38,020
<b>Urban Green Council</b>	Code to Zero, Urban Green TWO#1 Training	97,960
	Empire Building Challenge, EBC - Retrofit - Urban Green	8,750
	NYCH: Empire Build Challenge, EBC - Retrofit - Urban Green	8,750
	Talent Pipeline:CE and OJT, PON3981 Round 9	94,895
	Talent Pipeline:CE and OJT, PON3981 Round 10	12,611
	Workforce Industry Partnership, PON 3715 Workforce Training	11,150
<b>Urban Homesteading Assistance Inc</b>	Community RH&C, CH&C Communities Round 3	61,000
	NY-SUN, PON 3414 Coops Go Solar	35,000
	NYCH: LMI, CH&C Communities Round 3	0
<b>Urban League of Westchester County, Inc.</b>	Community RH&C, CH&C Communities Round 3	221,250
	NYCH: LMI, CH&C Communities Round 3	0
<b>US Ceiling CORP</b>	Talent Pipeline:CE and OJT, OJT HIRE	26,573
<b>US Energy Concierge Inc</b>	<200KW PV, NY-Sun	6,320
<b>USE ACQUISITION LLC</b>	Real Time Enrgy Management, USE Acq LLC - Multisite - RTEM	-3,900
<b>USS New Scotland 1 LLC</b>	>200KW PV, NY Sun	202,166
<b>Utilidata, Inc.</b>	High Performing Grid, PON4128 NationalGrid Challenge	186,536
<b>Utilities Program &amp; Metering, Inc.</b>	Real Time Enrgy Management, Josie Robinson Surgery - RTEM	0
<b>Van Hee Mechanical</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	17,026
	Talent Pipeline:CE and OJT, OJT HIRE	3,698
<b>Vassar College</b>	REV Campus Challenge, RM5 - Vassar College	8,200
<b>Vecino Group New York, LLC</b>	New Construction Housing, 2019 MFCNP	27,700
<b>Venture at Endicott LLC</b>	Technical Services, FT13171 - 15 Delaware - PON	10,000
<b>Verdant Power, Inc.</b>	Environmental Research, RITE Environmental Assessment	66,519
	OTHER PROGRAM AREA, Environmentally Preferred Powe	135,000
<b>Verizon Communications Inc</b>	Industrial Process Effic, Industrial Process Efficiency	567,675
	Industrial Process Effic, IPE16247 - Verizon Wireless	255,376
<b>Vermont Energy Investment Corporation</b>	Geothermal Incentive Program, Heat Pump Supplemental Heat An	6,379
	NYCH: LMI, TWO #1 LMI Electrification	5,233
	Pay for Performance, Umbrella Contract	55,234

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>vermont Energy investment Corporation</b>	Strategic Energy Manager, RFP 3352	363,720
<b>Vervent Inc.</b>	GJGNY REVOLVING LOAN FUND, Financing Solutions	31,066
<b>Vidaris, Inc.</b>	Code to Zero, TWO6-NYStretch Overlay Assist	15,867
	Commercial New Construc, Commercial New Construction	31,203
	Commercial New Construc, New Construction	862
	Commercial Real Estate Ten, Vidaris - 50 Hudson Yards -CTP	12,461
	Commercial Real Estate Ten, Vidaris- 1 Bryant Park - RTEM	33,646
	Flexible Tech Assistance, FT12256 - Trinity Hudson - FTC	15,261
	New Construction- Commercial, Commercaill New Construction	4,936
	Technical Services, Indoor Air Quality TWO-Vidaris	24,910
<b>Vil of Coxsackie Muni Solar Project O..</b>	>200KW PV, NY Sun	86,940
<b>Village of Canastota</b>	Clean Energy Communities, PON 3298 CEC	56,250
<b>Village of Centre Island</b>	CLEANER GREENER COMMUNITIES, Village of Centre Island	2,250
<b>Village of Hastings on Hudson</b>	CLEANER GREENER COMMUNITIES, Hastings-on-Hudson	15,750
<b>Village of Livonia</b>	Clean Energy Communities, CEC300387 - Village of Livonia	37,500
<b>Village of Mill Neck</b>	CLEANER GREENER COMMUNITIES, Village of Mill Neck	12,500
<b>Village of Montour Falls</b>	Clean Energy Communities, CEC001316 V Montour Falls	28,875
<b>Village of Northville</b>	Clean Energy Communities, CEC600919 Village of Northvill	12,500
<b>Vivint Solar</b>	<200KW PV, PON 2112 NY SUN	5,712
<b>W &amp; E Phillips Locksmith, Inc</b>	NYSERDA ADMINISTRATION, Facilities Management	1,087
<b>Wadsworth Energy LLC</b>	Rmve Barriers Dist Enrgy Storg, TWO #2 MDIWG Support	11,010
<b>Wagner College</b>	REV Campus Challenge, RM27 - Wagner College	98,280
<b>Wagner Farms</b>	Anaerobic Digesters, PON 3739 CAT C	15,077
<b>Walden Environmental Engineering, P..</b>	Environmental Research, PON 4270 PV Site Design	8,410
<b>Walden NY 1 LLC</b>	>200KW PV, NY Sun CI Assignment	152,377
<b>Wappingers Falls Hydroelectric, LLC</b>	LARGE SCALE RENEWABLES, RPS Program Purchase of Renewa	5,780
<b>Warren Washington Association for M..</b>	Low Rise New Construction, New Construction	29,000
<b>Washington Avenue Solar LLC</b>	>200KW PV, NY Sun	508,609
	NY-SUN, NY Sun	658,200
<b>Wawayanda Solar LLC</b>	>200KW PV, NY Sun	44,242
<b>WB Engineering &amp; Consulting PLLC</b>	Commercial Real Estate Ten, WB Engineers-345 Hudson St	69,439
<b>WB Heritage Pointe Associates, LLC</b>	Multifam Performance Pgm, Multifamily	33,210
<b>Wendel Energy Services, LLC</b>	Industrial Process Effic, SEM_WRRF_Wendel_TWO	5,654
	K-12 SCHOOLS, P12GC_13E - Rochester - FTC	16,841
	K-12 SCHOOLS, P12GC-28_E - Starpoint - FTC	52,800
	K-12 SCHOOLS, RFP3628FlexTechConsultUmbrella	258,403
	NYCH: Technical Assistance, FT13268 - Group A - FTC	191,979
	NYCH: Technical Assistance, FT13269 - Group B - FTC	210,847
	NYCH: Technical Assistance, FT13530 - 300 S. Parkway - FTC	29,168
	NYCH: Technical Assistance, RFP3628FlexTechConsultUmbrella	32,459
	REV Campus Challenge, FT13252 - Uni. Rochester - FTC	18,264
	REV Campus Challenge, RM34 - University of Rochester	14,423
	Technical Services, FT13164 - Multiple - FTC	35,000
	Technical Services, FT13195 - Multiple - FTC	5,446
	Technical Services, FT13207 - Amherst WWTF - FTC	37,852
	Technical Services, FT13330 - Multiple - FTC	21,224
	Technical Services, Indoor Air Quality TWO -Wendel	19,880
<b>West Side Federation for Senior &amp; Su..</b>	Multifam New Construction, MFNCP PHI T3-W 108th St Dev	50,000

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Westerlo NY 1, LLC</b>	>200KW PV, NY-Sun C&I	170,782
<b>Wilfrid Developers, LLC</b>	Multifam New Construction, MFNCP - The Wilfrid	50,000
<b>Willdan Energy Solutions</b>	Clean Energy Communities, RFP 4478	20,022
	Cleantech Ignition, SA.062a_TWO#4 Tech to Market	44,380
	Cleantech Incubator, SA.062a_TWO#4 Tech to Market	44,380
	Code to Zero, SA.060_TWO #3 - Codes	134,375
	Commercial Real Estate Ten, Advanced Efficiency Solutions	29,151
	Commercial Real Estate Ten, Efficiency Planning & Engineer	44,321
	Industrial Process Effic, Industrial Process Efficiency	9,492
	Industrial Process Effic, IPE16195	3,392
	Industrial Process Effic, IPE16222	1,660
	Industrial Process Effic, IPE16224	1,900
	Industrial Process Effic, IPE16234	1,588
	Industrial Process Effic, IPE16247	15,417
	Industrial Process Effic, Technical Review and Program S	8,522
	K-12 SCHOOLS, RFP 3788 P-12 Benchmarking	36,954
	Multifam Performance Pgm, Staff Augmentation Services	61,466
	NYCH: Technical Assistance, Natural Gas Constrained Areas	3,322
	Technical Services, FT13038 - Phelps - FTC	29,041
	Technical Services, Natural Gas Constrained Areas	11,985
<b>Willdan Lighting &amp; Electric, Inc.</b>	Talent Pipeline:CE and OJT, OJT HIRE	10,440
	Talent Pipeline:CE and OJT, PON3981 Round 7	106,106
<b>Willet Dairy, LLC</b>	Anaerobic Digesters, Willet-Belltown Refurbishment	75,875
<b>Wiltshire Renewable Energy Systems, LLC</b>	<200KW PV, NY-Sun	6,048
	<200KW PV, PON 2112 NY SUN	49,088
<b>Wise Home Energy, LLC</b>	Talent Pipeline:CE and OJT, OJT HIRE	7,468
<b>WNY Rural Preservation, LP</b>	Multifam Performance Pgm, Multifamily	10,800
<b>Woods Hole Oceanographic Institution</b>	Nat'l OffShWind R&D Consortium, Nat'l Offshore Wind R&D	135,532
	Nat'l Offshore Wind R&D	45,177
<b>Worley Group, Inc.</b>	OREC: Technical Support, TWO 2 Buyer's Eng Support Se	9,274
	OREC: Technical Support, TWO#1 Advisian GL Wind Study	307,623
<b>WSP USA Corp.</b>	Clean Energy Communities, TA Community Support Services	378,589
	Environmental Research, ENV & Fisheries Rsrch for OSW	134,175
<b>Yale University</b>	U.S. DOE SEP Grant for oTherm	9,474
<b>You Save Green Incorporated</b>	>200KW PV, PON 2112 NY SUN	457,920
<b>Youth Action Programs and Homes, I..</b>	Talent Pipeline:CE and OJT, PON3981 Round 3	35,203
<b>Zerodraft Residential Inc.</b>	Talent Pipeline:CE and OJT, OJT HIRE	29,520
<b>Zeroth LLC</b>	NYCH: Innovation, Site Demonstrations of Solar	49,756
<b>Grand Total</b>		201,041,595



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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>1 Stop Electronics Center, Inc.</b>	Home Perf w Energy Star, Single Family Residential	101,544
	Single Family Residential	32,864
<b>4 Computer LLC</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>7SKI, Inc</b>	OTHER PROGRAM AREA, Clean Transportation	18,000
<b>39 Sheridan Realty, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	18,000
<b>40 W 25 LLC</b>	Technical Services, Efficiency Planning & Engineer	9,990
<b>42 Broad Street West Owner LLC</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>75 E. HOFFMAN PROPERTY OWNER, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	48,000
<b>130 Excelsior, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	32,000
<b>149-05 79 Units LLC</b>	OTHER PROGRAM AREA, Clean Transportation	24,000
<b>247 N Goodman LLC</b>	OTHER PROGRAM AREA, Clean Transportation	9,000
<b>363 Ontario St LLC</b>	OTHER PROGRAM AREA, Clean Transportation	32,000
<b>440 Jericho Turnpike Auto Sales, LLC</b>	Clean Transportation	8,000
<b>685 First Realty Company, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	40,000
<b>1135 Millersport HWY LLC</b>	Clean Transportation	75,300
		8,000
<b>1448 Balltown RD LLC</b>	OTHER PROGRAM AREA, Clean Transportation	24,000
<b>1590 Hylan Blvd Auto LLC</b>	Clean Transportation	40,000
<b>1591 Hylan Blvd Auto LLC</b>	Clean Transportation	27,200
<b>2679bhwl llc</b>	Clean Transportation	75,300
<b>2717 Monroe Avenue LLC</b>	OTHER PROGRAM AREA, Clean Transportation	64,000
<b>3955 WH Road, LLC</b>	Clean Transportation	42,000
<b>5186 Route 365 Hospitality, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>Accelerate Wind LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	13,923
<b>Actasys</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	88,800
<b>Adams Station Commons, Inc.</b>	OTHER PROGRAM AREA, Clean Transportation	48,000
<b>Adirondack Hospitality Corp.</b>	OTHER PROGRAM AREA, Clean Transportation	24,000
<b>ADK Stove &amp; Fireplace</b>	RENEWABLE HEAT NY, Clean Heating & Cooling	68,500
<b>ADR Home Energy Solutions LLC.</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	400
	EMPOWER NY, Single Family Residential	600
	Home Perf w Energy Star, Single Family Residential	191,663
	Single Family Residential	40,238
<b>Advantage Suzuki LLC</b>	Clean Transportation	42,200
<b>Advantage Title Agency, Inc.</b>	GJGNY REVOLVING LOAN FUND, Single Family Residential	761,958
<b>Agarabi Engineering, PLLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	9,578
<b>Airport Properties II, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>Airtight Services, Inc.</b>	Home Perf w Energy Star, Single Family Residential	63,000
	NYCH: Comfort Home, Single Family Residential	3,100
	Single Family Residential	66,461
<b>Alan Byer Auto Sales, Inc</b>	Clean Transportation	16,200
<b>Albany Auto Management</b>	Clean Transportation	83,900
<b>Albany B LLC</b>	Clean Transportation	6,800
<b>Albany County Airport Authority</b>	OTHER PROGRAM AREA, Clean Transportation	40,000
<b>AlbanyA, LLC</b>	Clean Transportation	6,500
<b>All Star Energy, Inc.</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	1,250
	EMPOWER NY, Single Family Residential	93,331
	Home Perf w Energy Star, Single Family Residential	505,623
	NYCH: LMI, Single Family Residential	27,750
	Single Family Residential	40,268
<b>Alternative Carbon Energy Systems Inc</b>	Campus/Technical Assistance, Clean Heating & Cooling	5,935
<b>Amanda's Fireplace</b>	Renewable Heat NY, Clean Heating & Cooling	10,000

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>AMERESCO, Inc.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	22,545
<b>American AWS Corp.</b>	EMPOWER NY, Single Family Residential	4,600
	Single Family Residential	284,631
<b>American Museum of Natural History</b>	OTHER PROGRAM AREA, Clean Transportation	32,000
<b>Appliance Recycling, Inc.</b>	EMPOWER NY, Single Family Residential	819
	Home Perf w Energy Star, Single Family Residential	41,615
	Single Family Residential	21,144
<b>Archer Green MI Associates, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	22,500
<b>Aris Wind LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	21,470
<b>Arnold Chevrolet LLC</b>	Clean Transportation	6,000
<b>Arroway BHF LLC</b>	Clean Transportation	14,000
<b>Arthur Ransome House, LP</b>	Clean Energy Communities, Communities & Local Government	5,000
<b>Association for Energy Affordability, In</b>	EMPOWER NY, Single Family Residential	200
	GJGNY Market Rate Audits, Single Family Residential	300
	Home Energy Ratings, Single Family Residential	150
	Home Perf w Energy Star, Single Family Residential	39,658
	Single Family Residential	33,868
<b>Atlantic Ocean Aquaculture LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	6,120
<b>Auto Mall Hyundai, Inc.</b>	Clean Transportation	104,900
<b>Auto Outletsusa</b>	OTHER PROGRAM AREA, Clean Transportation	48,000
<b>Autohaus South Inc.</b>	Clean Transportation	6,000
<b>Automall Imports LLC</b>	Clean Transportation	18,000
<b>Autosaver Ford</b>	Clean Transportation	6,000
<b>Aztech Geothermal, LLC</b>	Geothermal Incentive Program, Clean Heating & Cooling	8,070
<b>B&amp;C Automotive Service, Inc.</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>B&amp;D Stoves Inc.</b>	Renewable Heat NY, Clean Heating & Cooling	22,500
<b>Baron Brothers Auto Group Inc</b>	Clean Transportation	6,800
<b>Barrett Capital Corporation</b>	GJGNY REVOLVING LOAN FUND, Efficiency Planning & Engineer	950
<b>Barton Chevrolet Inc</b>	Clean Transportation	6,000
<b>Bay Ridge Motor Sales Inc</b>	Clean Transportation	21,000
<b>Bay Ridge Volvo American Inc</b>	Clean Transportation	11,900
<b>Bayside CJ LLC</b>	Clean Transportation	16,500
<b>Bensol Tech LLC</b>	EMPOWER NY, Single Family Residential	200
	Home Perf w Energy Star, Single Family Residential	199,694
	Single Family Residential	41,467
<b>Berg Family Enterprises LLC</b>	Clean Transportation	8,000
<b>Best Fire</b>	Renewable Heat NY, Clean Heating & Cooling	16,500
<b>Betlem Service Corporation</b>	Home Perf w Energy Star, Single Family Residential	11,275
<b>Better Energy Solutions Inc.</b>	EMPOWER NY, Single Family Residential	10,116
	GJGNY Market Rate Audits, Single Family Residential	300
	Home Perf w Energy Star, Single Family Residential	404,392
	NYCH: LMI, Single Family Residential	11,690
	Single Family Residential	478,713
<b>Bettergy Corporation</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	2,815
<b>BFC 3 LLC</b>	Clean Transportation	5,100
<b>Bical Chevrolet Corp</b>	Clean Transportation	14,000
<b>Biener Auto Group, Inc.</b>	Clean Transportation	9,000
<b>Biener Ford LLC</b>	Clean Transportation	30,000
<b>Bindels Automotive Inc</b>	Clean Transportation	8,000
<b>Binghamton Regional</b>	NYCH: Talent Ppln: Intern Pgm, Workforce Dev & Train	6,356
	Talent Pipeline: Internship Pgm, Workforce Dev & Train	3,311

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>BJADK LLC</b>	Clean Transportation	10,000
<b>BJADN LLC</b>	Clean Transportation	6,000
<b>BJADT LLC</b>	Clean Transportation	16,600
<b>BJADV LLC</b>	Clean Transportation	12,000
<b>Black Cloud Chimney Sweeps LLC</b>	Renewable Heat NY, Clean Heating & Cooling	14,500
<b>BMW of Manhattan Inc.</b>	Clean Transportation	16,400
<b>Bob Johnson Subaru LLC</b>	Clean Transportation	8,500
<b>BPTC</b>	EMPOWER NY, Single Family Residential	48,583
	Home Perf w Energy Star, Single Family Residential	22,674
	Low Rise New Construction, New Construction	17,100
	Single Family Residential	142,551
<b>BQE Services Inc</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	21,613
<b>Breathe Easy of CNY Inc.</b>	Home Perf w Energy Star, Single Family Residential	48,633
	NYCH: LMI, Single Family Residential	38,000
<b>Bridge Hamilton Realty, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	24,000
<b>Bright Building LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	3,029
<b>Bright Power, Inc.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	81,275
<b>Browns of Bellport Inc</b>	Clean Transportation	22,000
<b>Buckel Bros, Inc.</b>	Renewable Heat NY, Clean Heating & Cooling	14,500
<b>Buffalo Energy, Inc.</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	1,387
	EMPOWER NY, Single Family Residential	251,471
	Home Perf w Energy Star, Single Family Residential	1,094,290
	NYCH: Comfort Home, Single Family Residential	15,350
	NYCH: LMI, Single Family Residential	28,800
	Single Family Residential	71,753
<b>Buffalo Geothermal Heating</b>	Geothermal Incentive Program, Clean Heating & Cooling	10,080
<b>Buffalo Solar Solutions Inc</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	29,524
<b>Building Efficiency Resources</b>	Low Rise New Construction, New Construction	58,900
<b>Burdick Motors Inc.</b>	Clean Transportation	80,100
<b>Buzz Chew Chevrolet Cadillac Inc</b>	Clean Transportation	16,000
<b>C&amp;R Housing Inc.</b>	EMPOWER NY, Single Family Residential	126,033
	Home Perf w Energy Star, Single Family Residential	113,313
	Single Family Residential	83,694
	Talent Pipeline: Internship Pgm, Workforce Dev & Train	4,671
<b>C&amp;S Engineers, Inc.</b>	OTHER PROGRAM AREA, Clean Transportation	48,000
<b>Capital Communications Federal Credit Un</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Capital District Regional Planning Comm.</b>	NYCH: Talent Ppln: Intern Pgm, Workforce Dev & Train	2,762
<b>Caribou Biofuels, Inc</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	10,305
<b>Carleton Energy Consulting LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	26,788
<b>Carmil Apts, Inc</b>	OTHER PROGRAM AREA, Clean Transportation	32,000
<b>Cars Unlimited of Suffolk LLC</b>	Clean Transportation	79,400
<b>Cavallaro Neubauer Chevrolet Inc</b>	Clean Transportation	8,000
<b>CEC Stuyvesant Cove, Inc.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	30,715
<b>Celtec Technologies Inc.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	21,270
<b>Central Heating &amp; Cooling, Inc.</b>	Home Perf w Energy Star, Single Family Residential	150,011
<b>Central Nissan, LTD</b>	Clean Transportation	14,000
<b>Centsible House, Inc</b>	Home Perf w Energy Star, Single Family Residential	44,773
	NYCH: Comfort Home, Single Family Residential	2,300
	NYCH: LMI, Single Family Residential	9,124
<b>Century Motors, Inc</b>	Clean Transportation	8,500
<b>ChargePoint, Inc.</b>	OTHER PROGRAM AREA, Clean Transportation	48,000

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Charles Graves Inc.</b>	EMPOWER NY, Single Family Residential	1,833
	Home Perf w Energy Star, Single Family Residential	46,813
	Single Family Residential	32,344
<b>Charlotte Appliances</b>	Home Perf w Energy Star, Single Family Residential	4,484
	Single Family Residential	2,337
<b>Chautauqua Opportunities, Inc.</b>	EMPOWER NY, Single Family Residential	2,804
	Home Perf w Energy Star, Single Family Residential	6,011
	Single Family Residential	1,297
<b>Chazy Public Library</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Chrysler Jeep of White Plains, Inc</b>	Clean Transportation	7,100
<b>Cipriani Energy Group Corp.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	19,936
<b>Citigroup Technology, Inc.</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>City of Beacon</b>	NYCH: Communities, Communities & Local Government	5,000
<b>City of Binghamton</b>	OTHER PROGRAM AREA, Clean Transportation	18,000
<b>City of Buffalo</b>	NYCH: Communities, Communities & Local Government	5,000
<b>City of Fulton</b>	Clean Energy Communities, Communities & Local Government	5,000
<b>City of North Tonawanda</b>	NYCH: Communities, Communities & Local Government	5,000
<b>City of Oswego</b>	Clean Energy Communities, Communities & Local Government	5,000
<b>City of Schenectady</b>	NYCH: Communities, Communities & Local Government	5,000
	OTHER PROGRAM AREA, Clean Transportation	45,000
<b>City World Estate Auto Holdings LLC</b>	Clean Transportation	20,000
<b>City World Imports, Inc.</b>	Clean Transportation	14,200
<b>City World Motors, LLC</b>	Clean Transportation	20,700
<b>Civic Center Motors Ltd</b>	Clean Transportation	8,500
<b>Classic Automobiles, Inc</b>	Clean Transportation	6,000
<b>Clifton Park Imports, Inc.</b>	Clean Transportation	149,900
<b>Climate Giant, Inc.</b>	EMPOWER NY, Single Family Residential	321
	Home Perf w Energy Star, Single Family Residential	32,897
	Single Family Residential	24,228
<b>Clover Heating &amp; Cooling</b>	GJGNY Market Rate Audits, Single Family Residential	2,700
	Home Perf w Energy Star, Single Family Residential	750
	NYCH: Comfort Home, Single Family Residential	6,600
<b>CNY Home Tech Services</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	250
	EMPOWER NY, Single Family Residential	311
	Home Perf w Energy Star, Single Family Residential	843
	Single Family Residential	5,479
<b>CNY Insulation Plus, Inc</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	500
	Home Perf w Energy Star, Single Family Residential	82,703
	NYCH: LMI, Single Family Residential	15,535
<b>COI Energy Services Inc</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	42,252
<b>Colonie Import Distributors LTD</b>	Clean Transportation	134,800
<b>Columbia Dolson LLC</b>	OTHER PROGRAM AREA, Clean Transportation	24,000
<b>Columbia Opportunities Inc.</b>	Home Perf w Energy Star, Single Family Residential	49,127
	Single Family Residential	28,330
<b>Commission on Economic Opportunity</b>	EMPOWER NY, Single Family Residential	1,344
	Home Perf w Energy Star, Single Family Residential	44,940
	Single Family Residential	38,337
<b>Community Action Planning Council of Jef</b>	EMPOWER NY, Single Family Residential	2,546
	Home Perf w Energy Star, Single Family Residential	39,897
	Single Family Residential	18,173
<b>Concord Servicing Corporation</b>	GJGNY REVOLVING LOAN FUND, Codes, Products and Standards	2,220

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Concord Servicing Corporation</b>	GJGNY REVOLVING LOAN FUND, Multifamily	100
	GJGNY REVOLVING LOAN FUND, Single Family Residential	759,731
	OTHER PROGRAM AREA, Single Family Residential	15,454
<b>Condor Mount Kisco LLC</b>	Clean Transportation	48,000
<b>Consolidated Edison Company</b>	GJGNY REVOLVING LOAN FUND, Codes, Products and Standards	600
	GJGNY REVOLVING LOAN FUND, Single Family Residential	19,254
<b>Cooley Motors Corp</b>	Clean Transportation	6,000
<b>Cornerstone Energy Services</b>	Home Perf w Energy Star, Single Family Residential	20,792
	HOME PERFORMANCE WITH ENERGY STAR, Single Family Residential	150
	Single Family Residential	4,930
<b>Cortese Chrysler Dodge Jeep Inc</b>	Clean Transportation	7,600
<b>Cortese Ford LLC</b>	Clean Transportation	11,500
<b>Cortland County Community Action Program</b>	EMPOWER NY, Single Family Residential	1,530
	Home Perf w Energy Star, Single Family Residential	7,549
	Single Family Residential	40,558
<b>Country Club Chevrolet, Inc</b>	Clean Transportation	10,000
<b>Country Lincoln Mercury West LLC</b>	Clean Transportation	16,500
<b>Country Suburban Heating &amp; Air Condition</b>	Air Source Heat Pumps, Codes, Products and Standards	8,100
	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	15,875
	Home Perf w Energy Star, Single Family Residential	89,698
<b>Countryside Stove &amp; Chimney of Marcy, In</b>	Renewable Heat NY, Clean Heating & Cooling	7,000
<b>County Heat &amp; AC, LLC</b>	Home Perf w Energy Star, Single Family Residential	1,141
<b>Cowles Company of Northern New York, Inc</b>	GJGNY Market Rate Audits, Single Family Residential	600
	Home Perf w Energy Star, Single Family Residential	174,655
	Single Family Residential	13,327
<b>Crossfield Home Energy Solutions</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	10,241
	EMPOWER NY, Single Family Residential	15,307
	Home Perf w Energy Star, Single Family Residential	273,137
	NYCH: Comfort Home, Single Family Residential	2,800
	NYCH: LMI, Single Family Residential	50,990
	Single Family Residential	7,709
<b>Crossing Land Stan One LLC</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>Crossing Land Stan Two LLC</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>Crown Ford Inc.</b>	Clean Transportation	13,100
<b>Curry Motor Cars LLC</b>	Clean Transportation	40,000
<b>Cycle Architecture PLLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	7,528
<b>Dachnowicz Automotive Inc</b>	Clean Transportation	6,800
<b>Dailey Electric Inc</b>	Geothermal Incentive Program, Clean Heating & Cooling	7,005
<b>Dana Motors, Ltd.</b>	Clean Transportation	19,000
<b>Dandelion Energy Inc</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	5,670
<b>Daniel J. Ryan</b>	EMPOWER NY, Single Family Residential	63,194
	Home Perf w Energy Star, Single Family Residential	284,854
<b>Dave Hayes Appliance Center Inc.</b>	Home Perf w Energy Star, Single Family Residential	19,900
	Single Family Residential	11,208
<b>David M Scott</b>	Home Perf w Energy Star, Single Family Residential	35,106
	Single Family Residential	11,929
<b>DCH NY Motors LLC</b>	Clean Transportation	101,700
<b>Delaware County Electric Cooperative, In</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>Della Auto Group, Inc.</b>	Clean Transportation	55,200
<b>Delmar Auto Plaza LTD</b>	Clean Transportation	55,300
<b>DeNooyer Chevrolet, Inc.</b>	Clean Transportation	24,000

**Expenditures pursuant to a Request for Proposal, a Program Opportunity Notes or Solicitation**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Depaula Chevrolet Inc.	Clean Transportation	18,000
Depaula Ford LLC	Clean Transportation	22,500
DGM, LLC	Clean Transportation	12,900
DH Berry Inc.	GJGNY Market Rate Audits, Single Family Residential	150
	Home Perf w Energy Star, Single Family Residential	10,180
Dimensional Energy	Talent Pipeline: Internship Pgm, Workforce Dev & Train	19,355
Dimien Inc.	Talent Pipeline: Internship Pgm, Workforce Dev & Train	13,520
DLC Motorcars LLC	Clean Transportation	9,100
Do-It-With Inc.	Talent Pipeline: Internship Pgm, Workforce Dev & Train	3,064
Dollaride, Inc.	Talent Pipeline: Internship Pgm, Workforce Dev & Train	6,588
Domsco Motor	Clean Transportation	46,200
Donaldsons Inc	Clean Transportation	11,000
Driver's Village, Inc.	Clean Transportation	34,600
Dual Fuel Corp	Talent Pipeline: Internship Pgm, Workforce Dev & Train	14,688
Ducted Wind Turbines, Inc	Talent Pipeline: Internship Pgm, Workforce Dev & Train	23,336
Dutchess Cars LLC	Clean Transportation	10,200
Eagle Auto Mall Sales Inc	Clean Transportation	16,000
EagleHawk One, Inc.	Talent Pipeline: Internship Pgm, Workforce Dev & Train	31,938
EAO Ventures LLC	OTHER PROGRAM AREA, Clean Transportation	8,000
East Greenbush Installs LLC	Renewable Heat NY, Clean Heating & Cooling	11,000
East Hills Chrysler Plymouth Inc	Clean Transportation	24,000
East Syracuse Sales Co Inc	Clean Transportation	20,000
Easthills Chevrolet Oldsmobile Inc.	Clean Transportation	8,000
Eco Heating & Cooling Inc	GJGNY Market Rate Audits, Single Family Residential	450
	Home Perf w Energy Star, Single Family Residential	42,305
	NYCH: LMI, Single Family Residential	70,358
	Single Family Residential	49,394
Ecogy Solar LLC	Talent Pipeline: Internship Pgm, Workforce Dev & Train	20,635
Ecoelectro Inc	Talent Pipeline: Internship Pgm, Workforce Dev & Train	4,320
Economic Opportunity Program	EMPOWER NY, Single Family Residential	820
	Home Perf w Energy Star, Single Family Residential	27,890
	Single Family Residential	3,720
Ecovis, Inc.	Talent Pipeline: Internship Pgm, Workforce Dev & Train	7,042
EDPR NA DG Holdings LLC	Talent Pipeline: Internship Pgm, Workforce Dev & Train	7,075
Efficienados Solutions LLC	Talent Pipeline: Internship Pgm, Workforce Dev & Train	14,688
Empower Equity Inc	Talent Pipeline: Internship Pgm, Workforce Dev & Train	11,803
En-Tech Associates	EMPOWER NY, Single Family Residential	483
	Home Perf w Energy Star, Single Family Residential	2,749
	NYCH: Comfort Home, Single Family Residential	2,150
	Single Family Residential	4,346
Energy Answers	EMPOWER NY, Single Family Residential	200
	Home Perf w Energy Star, Single Family Residential	64,851
	Single Family Residential	37,406
Energy Conservation & Supply, Inc.	OTHER PROGRAM AREA, Clean Transportation	9,000
Energy Evolution Inc	Home Perf w Energy Star, Single Family Residential	176,492
	NYCH: Comfort Home, Single Family Residential	14,250
	NYCH: LMI, Single Family Residential	6,950
	Single Family Residential	25,835
Energy Management Solutions, LLC	GJGNY Market Rate Audits, Single Family Residential	18,600
	Home Perf w Energy Star, Single Family Residential	147,200
	NYCH: Comfort Home, Single Family Residential	31,850

**Expenditures pursuant to a Request for Proposal, a Program Opportunity Notes or Solicitation**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Energy Materials Corporation</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	5,753
<b>Energy Savers Inc</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	210
	EMPOWER NY, Single Family Residential	6,812
	Home Perf w Energy Star, Single Family Residential	556,964
	NYCH: Comfort Home, Single Family Residential	28,200
	Single Family Residential	98,481
<b>Energy Saving Solutions, LLC</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	250
	EMPOWER NY, Single Family Residential	51,579
	Home Perf w Energy Star, Single Family Residential	94,330
	NYCH: LMI, Single Family Residential	29,478
	Single Family Residential	31,692
<b>Energy Service Technologies, LLC</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	5,750
	GJGNY Market Rate Audits, Single Family Residential	300
	Home Perf w Energy Star, Single Family Residential	41,065
	Single Family Residential	37,173
<b>Energiv Inc.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	33,255
<b>Environmental Contracting LLC</b>	Home Perf w Energy Star, Single Family Residential	49,748
<b>Erie County</b>	Clean Energy Communities, Communities & Local Government	5,000
<b>Euro and American Contracting</b>	EMPOWER NY, Single Family Residential	5,234
	Home Perf w Energy Star, Single Family Residential	149,234
	Single Family Residential	26,568
<b>F.G. Downing Development, Inc</b>	Clean Transportation	5,100
<b>F.G. Downing Development, Inc.</b>	Clean Transportation	16,600
<b>Fairstead Affordable LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	11,098
<b>Falls Dodge Inc.</b>	Clean Transportation	6,600
<b>Farnsworth Chevrolet, Inc.</b>	Clean Transportation	10,000
<b>Fayetteville Free Library</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Fieldstone at Commack, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	24,000
<b>Foam It Insulation, LLC</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	250
	EMPOWER NY, Single Family Residential	70,776
	GJGNY Market Rate Audits, Single Family Residential	600
	Home Perf w Energy Star, Single Family Residential	540,931
	Single Family Residential	19,587
	Talent Pipeline: Internship Pgm, Workforce Dev & Train	7,934
<b>Fordham Auto Sales Inc</b>	Clean Transportation	9,500
<b>Fox TS, LLC</b>	Clean Transportation	36,300
<b>Franzoso Contracting, Inc.</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Fred F. Collis &amp; Sons, Inc.</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	9,430
	EMPOWER NY, Single Family Residential	23,535
	GJGNY Market Rate Audits, Single Family Residential	150
	Home Perf w Energy Star, Single Family Residential	774,588
	NYCH: Comfort Home, Single Family Residential	2,150
	NYCH: LMI, Single Family Residential	40,274
	Single Family Residential	258,928
<b>Frederick J Goris, Jr.</b>	EMPOWER NY, Single Family Residential	28,395
	Home Perf w Energy Star, Single Family Residential	26,000
	Single Family Residential	31,335
<b>Friello and Sons Heating and Cooling, In</b>	Home Perf w Energy Star, Single Family Residential	27,874
	NYCH: LMI, Single Family Residential	60,500
	Single Family Residential	19,295
<b>Friendly Dodge Chrysler Jeep Inc</b>	Clean Transportation	6,000

**Expenditures pursuant to a Request for Proposal, a Program Opportunity Notes or Solicitation**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Friendly Ford Inc	Clean Transportation	12,000
Fuccillo Enterprises, Inc.	Clean Transportation	22,000
Fuccillo Hyundai of Grand Island, Inc	Clean Transportation	10,000
Fuccillo Hyundai of Schenectady	Clean Transportation	9,600
Fuccillo Ventures Inc	Clean Transportation	5,100
Fulmont Community Action Agency Inc.	Home Perf w Energy Star, Single Family Residential	23,750
	Single Family Residential	47,591
G&H Auto Group	Clean Transportation	26,000
Gallagher Electrical Services Heat & Air	EMPOWER NY, Single Family Residential	49,300
	Home Perf w Energy Star, Single Family Residential	235,121
	Single Family Residential	10,394
Garber H Inc	Clean Transportation	5,100
Garber NCS, Inc.	Clean Transportation	20,000
Garber V Inc	Clean Transportation	8,500
Garden City Jeep Chrysler Dodge LLC	Clean Transportation	9,300
Garnet Health System	OTHER PROGRAM AREA, Clean Transportation	160,000
Garnet Hill Resort Associates, Inc	OTHER PROGRAM AREA, Clean Transportation	18,000
Garsten Motors Inc	Clean Transportation	6,800
Garvey Hyundai, Inc	Clean Transportation	32,600
Garvey Volkswagen Inc	Clean Transportation	16,200
Gary Boyd	Home Perf w Energy Star, Single Family Residential	13,653
	Single Family Residential	31,214
Gault Auto Mall Co. Inc.	Clean Transportation	102,400
Gault Chevrolet Co. Inc.	Clean Transportation	8,100
Geatain Engineering PLLC	Talent Pipeline: Internship Pgm, Workforce Dev & Train	17,870
GEM WOODSTOVE LLC	RENEWABLE HEAT NY, Clean Heating & Cooling	30,000
Geotherm Inc.	Geothermal Incentive Program, Clean Heating & Cooling	9,840
Geothermal Energy Options	Geothermal Incentive Program, Clean Heating & Cooling	15,000
German International School New York	OTHER PROGRAM AREA, Clean Transportation	8,000
Glen Falls NMS, LLC	Clean Transportation	8,000
Global Dwelling, LLC	Home Perf w Energy Star, Single Family Residential	155,868
	NYCH: LMI, Single Family Residential	44,000
	Single Family Residential	76,971
Goldstein Chrysler Jeep Inc	Clean Transportation	12,100
Graphenix Development Inc.	Talent Pipeline: Internship Pgm, Workforce Dev & Train	14,688
Greater Opportunities for Broome and Che	EMPOWER NY, Single Family Residential	1,394
	Home Perf w Energy Star, Single Family Residential	9,655
	Single Family Residential	14,099
Gree Commercial Wholesale Inc	NYCH: Talent Ppln: CE and OJT, Workforce Dev & Train	53,934
Green Action Studio, LLC	OTHER PROGRAM AREA, Clean Transportation	32,000
	Talent Pipeline: Internship Pgm, Workforce Dev & Train	19,343
Green City Force	Home Perf w Energy Star, Single Family Residential	95,658
Green Home Innovations, Inc	EMPOWER NY, Single Family Residential	99,409
	Home Perf w Energy Star, Single Family Residential	55,689
	Single Family Residential	57,262
Green Home Logic, Inc.	EMPOWER NY, Single Family Residential	4,600
	GJGNY Market Rate Audits, Single Family Residential	4,350
	Home Energy Ratings, Single Family Residential	2,200
	Home Perf w Energy Star, Single Family Residential	16,804
	NYCH: Comfort Home, Single Family Residential	4,750
	Single Family Residential	234,986



**Expenditures pursuant to a Request for Proposal, a Program Opportunity Notes or Solicitation**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Green Team USA LLC</b>	Home Perf w Energy Star, Single Family Residential	41,472
	NYCH: LMI, Single Family Residential	15,200
	Single Family Residential	525
<b>Green Team USA, LLC</b>	Home Energy Ratings, Single Family Residential	1,194
<b>Greenwich Energy Solutions LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	27,280
<b>Group-S LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	35,118
<b>GSC Services Corp</b>	Home Perf w Energy Star, Single Family Residential	348,213
	Single Family Residential	18,543
<b>H &amp; K VanValkenburgh, Inc.</b>	Renewable Heat NY, Clean Heating & Cooling	173,500
<b>Habberstad Motorsport Inc.</b>	Clean Transportation	23,000
<b>Halcyon Inc.</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	3,650
	EMPOWER NY, Single Family Residential	215,161
	Home Perf w Energy Star, Single Family Residential	1,595,719
	NYCH: Comfort Home, Single Family Residential	1,150
	NYCH: LMI, Single Family Residential	705,169
	Single Family Residential	346,622
<b>Halcyon, Inc.</b>	Geothermal Incentive Program, Clean Heating & Cooling	6,000
<b>Haraden Motorcar Corp</b>	Clean Transportation	18,700
<b>Harbec Inc</b>	OTHER PROGRAM AREA, Clean Transportation	40,000
<b>Harisi Energy, LLC</b>	GJGNY Market Rate Audits, Single Family Residential	1,350
	Home Perf w Energy Star, Single Family Residential	646
	Single Family Residential	9,112
<b>Hassett Ford Lincoln Mercury Inc</b>	Clean Transportation	19,300
<b>Hawn Heating &amp; Energy Services LLC</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	250
	EMPOWER NY, Single Family Residential	88
	Home Perf w Energy Star, Single Family Residential	37,119
<b>Healey Brothers Ford LLC</b>	Clean Transportation	25,100
<b>Healey Brothers Used Cars LLC</b>	Clean Transportation	6,000
<b>Healey Chevrolet Inc.</b>	Clean Transportation	14,000
<b>Healey Ford Lincoln LLC</b>	Clean Transportation	24,000
<b>Healey Hyundai, Inc</b>	Clean Transportation	63,800
<b>Healthy Home Energy &amp; Consulting, Inc.</b>	Home Perf w Energy Star, Single Family Residential	500
	NYCH: Comfort Home, Single Family Residential	106,750
<b>Heart Volkswagen LLC</b>	Clean Transportation	26,000
<b>Hearths A Fire Inc.</b>	Renewable Heat NY, Clean Heating & Cooling	104,500
<b>Heat Inverse LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	6,049
<b>Heinrich Chevrolet Corp</b>	Clean Transportation	8,000
<b>Hempstead Lincoln Mercury Motors Corp.</b>	Clean Transportation	17,200
<b>Hephaestus Mechanical, LLC</b>	Home Perf w Energy Star, Single Family Residential	1,600
	Single Family Residential	5,567
<b>Hillside Cycles, Inc.</b>	Clean Transportation	10,200
<b>Home Energy Consultants Inc.</b>	EMPOWER NY, Single Family Residential	44
	Home Perf w Energy Star, Single Family Residential	61,020
	Single Family Residential	137,459
<b>Home Energy Solutions of Western NY, Inc</b>	EMPOWER NY, Single Family Residential	2,281
	Home Perf w Energy Star, Single Family Residential	147,346
	Single Family Residential	35,317
<b>Home Performance Professionals, Inc.</b>	EMPOWER NY, Single Family Residential	39,318
	Home Energy Ratings, Single Family Residential	2,150
	Home Perf w Energy Star, Single Family Residential	13,605
	Single Family Residential	30,566

**Expenditures pursuant to a Request for Proposal, a Program Opportunity Notes or Solicitation**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Hoselton Chevrolet, Inc.	Clean Transportation	44,000
Hoselton Imports, Inc	Clean Transportation	189,400
Hoselton Nissan Inc	Clean Transportation	28,000
Hudson Valley Automotive Partners	Clean Transportation	14,500
Hudson Valley Energy, Inc.	EMPOWER NY, Single Family Residential	418
	Home Perf w Energy Star, Single Family Residential	100,578
	Single Family Residential	42,888
Hudson Valley Volkswagen LLC	Clean Transportation	16,000
Huntington Jeep Chrysler, Inc	Clean Transportation	10,200
Hyundai of White Plains LLC	Clean Transportation	24,000
Ide Volkswagen, Inc	Clean Transportation	30,000
Ideal Energy Solutions LLC	EMPOWER NY, Single Family Residential	320,088
	Home Perf w Energy Star, Single Family Residential	342,900
	Single Family Residential	174,177
IGM Holdings, Inc.	Home Perf w Energy Star, Single Family Residential	859,590
INF Associates LLC	Talent Pipeline: Internship Pgm, Workforce Dev & Train	10,492
Ingersoll Auto of Pawling LLC	Clean Transportation	6,000
Innovation Now, LLC	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	750
	EMPOWER NY, Single Family Residential	14,730
	GJGNY Market Rate Audits, Single Family Residential	150
	Home Perf w Energy Star, Single Family Residential	125,550
	NYCH: LMI, Single Family Residential	11,468
	Single Family Residential	41,171
Innovative Energy Solutions of Western N	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	250
	EMPOWER NY, Single Family Residential	58,912
	Home Perf w Energy Star, Single Family Residential	52,043
	Single Family Residential	28,420
Installed Building Products LLC	EMPOWER NY, Single Family Residential	33,279
	Home Perf w Energy Star, Single Family Residential	42,871
	Single Family Residential	34,654
Interstate Motor Group LLC	Clean Transportation	12,200
Isaac Heating and Air Conditioning, Inc.	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	19,430
	GJGNY Market Rate Audits, Single Family Residential	62,700
	Home Perf w Energy Star, Single Family Residential	1,908,684
	HOME PERFORMANCE WITH ENERGY STAR, Single Family Residential	2,400
	NYCH: LMI, Single Family Residential	8,580
Ivy Lea Construction	Home Perf w Energy Star, Single Family Residential	13,920
J and C Autoworld LLC d/b/a Advantage To	Clean Transportation	7,800
J Synergy Green Inc	GJGNY Market Rate Audits, Single Family Residential	900
	Home Perf w Energy Star, Single Family Residential	8,848
J.A.B & Co. Inc.	Clean Transportation	10,200
J&M Motors Of Hempstead LLC	Clean Transportation	24,000
Jack Hall Plumbing and Heating, Inc.	GJGNY Market Rate Audits, Single Family Residential	150
	Home Perf w Energy Star, Single Family Residential	83,025
	NYCH: LMI, Single Family Residential	12,536
	Single Family Residential	53,140
Jack Sherman Inc.	Clean Transportation	63,800
Jai Gayatri Hospitality Corp	OTHER PROGRAM AREA, Clean Transportation	16,000
James Richard Meehan III	Home Perf w Energy Star, Single Family Residential	1,313
	Single Family Residential	5,805
Jardine Inc	Clean Transportation	39,400

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Jason Dreyer</b>	Home Perf w Energy Star, Single Family Residential	10,786
	Single Family Residential	562
<b>Jay Kennedy Country Heating</b>	Renewable Heat NY, Clean Heating & Cooling	7,500
<b>Jean M. Mahserjian, Esq. PC</b>	OTHER PROGRAM AREA, Clean Transportation	40,000
<b>Jeffrey Remington</b>	RENEWABLE HEAT NY, Clean Heating & Cooling	20,500
<b>Jim Barnard Chevrolet Inc</b>	Clean Transportation	10,000
<b>JJLG Motors Inc</b>	Clean Transportation	15,400
<b>JJM Atlantic Automotive, LLC</b>	Clean Transportation	5,900
<b>JM Huntington Motors LLC</b>	Clean Transportation	22,500
<b>John Betlem Heating &amp; Cooling Inc</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	12,399
	EMPOWER NY, Single Family Residential	11,961
	GJGNY Market Rate Audits, Single Family Residential	3,150
	Home Perf w Energy Star, Single Family Residential	545,807
	HOME PERFORMANCE WITH ENERGY STAR, Single Family Residential	150
<b>John D. Marcella Appliances, Inc</b>	Home Perf w Energy Star, Single Family Residential	4,747
	Single Family Residential	5,531
<b>Joint Council of Economic Opportunity</b>	EMPOWER NY, Single Family Residential	176
	Home Perf w Energy Star, Single Family Residential	17,648
	Single Family Residential	5,848
<b>Joule Assets Inc</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	45,671
<b>JPK Imports of Oneonta</b>	Clean Transportation	41,500
<b>JS 110 Hyundai LLC</b>	Clean Transportation	43,100
<b>JS Autoworld, LLC</b>	Clean Transportation	40,500
<b>JS Babylon Motors LLC</b>	Clean Transportation	6,800
<b>JS Huntington Auto Sales LLC</b>	Clean Transportation	57,000
<b>JS Huntington Motors LLC</b>	Clean Transportation	12,000
<b>JS Hyundai Of Valley Stream, LLC</b>	Clean Transportation	47,900
<b>Katonah Museum of Art</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>Kawi Energy Group Corp.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	22,448
<b>KDA Hospitality, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Kech Insulation and Remodeling, LLC</b>	EMPOWER NY, Single Family Residential	8,509
	Home Perf w Energy Star, Single Family Residential	7,394
	Single Family Residential	3,673
<b>Kenn-Schl LLC</b>	OTHER PROGRAM AREA, Clean Transportation	24,000
<b>KI-PO Motors Chevrolet Inc</b>	Clean Transportation	10,000
<b>Kilbury's Feed Service Inc</b>	Renewable Heat NY, Clean Heating & Cooling	12,000
<b>Kinderhook Sales Inc</b>	Clean Transportation	19,900
<b>Kiss &amp; Cathcart Architects</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	19,811
<b>Kitchen Hearth &amp; Home, Inc.</b>	Renewable Heat NY, Clean Heating & Cooling	30,500
<b>Koerner Ford of Syracuse Inc</b>	Clean Transportation	12,000
<b>L &amp; S Motors Inc</b>	Clean Transportation	8,500
<b>L2 Automotive, Inc.</b>	Clean Transportation	20,000
<b>Lake Placid Village, Inc</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Lamico Enterprises, LLC</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	400
	EMPOWER NY, Single Family Residential	3,869
	Home Perf w Energy Star, Single Family Residential	102,069
	Single Family Residential	20,820
<b>Lane Refrigeration Company Inc</b>	Geothermal Incentive Program, Clean Heating & Cooling	15,000
<b>LC DRives</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	190,514
<b>Legend Autorama ltd</b>	Clean Transportation	8,000
<b>Leo Kaytes Ford</b>	Clean Transportation	6,000

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Levittown Ford LLC	Clean Transportation	57,900
Lia Automotive, LLC	Clean Transportation	23,400
Lia Kingston LLC	Clean Transportation	5,100
Linear Motors LLC	Clean Transportation	8,200
Lithia of Yorkville -4, LLC	Clean Transportation	7,100
Little Cars of L.I. Inc	Clean Transportation	7,800
Livingston Energy Group	OTHER PROGRAM AREA, Clean Transportation	16,000
	Talent Pipeline: Internship Pgm, Workforce Dev & Train	29,254
Lofink Motor Co. Inc	Clean Transportation	8,500
Long Island Power Authority	GJGNY REVOLVING LOAN FUND, Single Family Residential	111,347
Longhouse Cooperatiive Inc	OTHER PROGRAM AREA, Clean Transportation	24,000
Lotze Insulation Design, Inc.	EMPOWER NY, Single Family Residential	33,900
	Home Perf w Energy Star, Single Family Residential	211,290
	Single Family Residential	237,858
Louzoun Enterprise	Clean Transportation	23,300
Luxury Cars of Bayside Inc.	Clean Transportation	6,500
Lyford Motors	Clean Transportation	41,200
Maguire Automotive LLC	Clean Transportation	69,200
Maguire Cars LLC	Clean Transportation	46,600
Maguire CDJR LLC	Clean Transportation	11,000
Maguire Ford Inc	Clean Transportation	6,000
Maguire Honda of Ithaca	Clean Transportation	8,500
Maguire Motors LLC	Clean Transportation	72,000
Main and Dodge, LLC	OTHER PROGRAM AREA, Clean Transportation	32,000
MAIN SQ II LLC	OTHER PROGRAM AREA, Clean Transportation	24,000
Major World CDJR LLC	Clean Transportation	7,700
Malcarne Contracting, Inc.	Air Source Heat Pumps, Codes, Products and Standards	5,700
	Geothermal Incentive Program, Clean Heating & Cooling	7,005
	NYCH: Comfort Home, Single Family Residential	450
Mangino Chevrolet Inc	Clean Transportation	18,000
Mangino Value Center Inc.	Clean Transportation	12,000
Manhattan Motorcars Inc	Clean Transportation	60,000
Marchese Ford of Mechanicville, Inc.	Clean Transportation	9,500
Margert Community Corporation	Home Perf w Energy Star, Single Family Residential	26,627
Maria College	OTHER PROGRAM AREA, Clean Transportation	56,000
Marina Dodge Inc.	Clean Transportation	7,700
Mark E. Fulmer	Home Energy Ratings, Single Family Residential	8,497
Martin Nemer Volkswagen Corp	Clean Transportation	28,000
Massapequa Motors LLC	Clean Transportation	62,200
Matthews of Clay E, INC	Clean Transportation	12,000
Matthews on Erie	Clean Transportation	19,100
Matthews on the Parkway, Inc.	Clean Transportation	13,100
Meltek Inc.	Talent Pipeline: Internship Pgm, Workforce Dev & Train	9,024
Metro Ford Sales Inc	Clean Transportation	24,700
Metro NY Insulation LLC	Home Perf w Energy Star, Single Family Residential	165,127
	NYCH: Comfort Home, Single Family Residential	65,900
	Single Family Residential	83,533
Michael B Kearney	Home Perf w Energy Star, Single Family Residential	8,754
Mid Island Hyundai LLC	Clean Transportation	77,400
Middletown Nissan Inc	Clean Transportation	8,000
Mike Basil Automotive Group, LLC	Clean Transportation	8,000

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Mike Basil Motors Inc.	Clean Transportation	95,500
Millennium Hyundai, LLC	Clean Transportation	42,000
Millennium Super Store, LLC	Clean Transportation	45,700
MKJC Auto Group LLC	Clean Transportation	6,000
Mohawk Valley Economic Development Dist.	Talent Pipeline: Internship Pgm, Workforce Dev & Train	4,361
Mohegan Lake Motors	Clean Transportation	22,500
Moser Services Group LLC	Talent Pipeline: Internship Pgm, Workforce Dev & Train	14,688
MR. AIR NYC Corp.	NYCH: Talent Ppln: Intern Pgm, Workforce Dev & Train	15,094
Mullarney's Garden Center	Renewable Heat NY, Clean Heating & Cooling	32,500
Muller Martini Corp.	OTHER PROGRAM AREA, Clean Transportation	16,000
Municipality of City of Amsterdam	OTHER PROGRAM AREA, Clean Transportation	197,000
Neighborhood Housing Services of	EMPOWER NY, Single Family Residential	87,069
	GJGNY Market Rate Audits, Single Family Residential	1,200
	Home Perf w Energy Star, Energy and Climate Equity	10,399
	Home Perf w Energy Star, Single Family Residential	295,483
	Single Family Residential	304,828
New York Homeowners Construction Co., LL	EMPOWER NY, Single Family Residential	200
	Home Perf w Energy Star, Single Family Residential	67,512
	Single Family Residential	20,670
New York Independent Systems Operator	BR: Interconnection, Environmental Research	1,000
	BR: Program Implementation, Environmental Research	3,000
	BR: Program Implementation, Large-Scale Renewables	1,000
New York State Foam & Energy LLC	NYCH: Comfort Home, Single Family Residential	12,050
Newins Bay Shore Ford Inc	Clean Transportation	16,200
Nick's Home Energy Improvements Inc.	EMPOWER NY, Single Family Residential	1,699
	Home Perf w Energy Star, Single Family Residential	28,464
Nispen Building Performance, Inc.	EMPOWER NY, Single Family Residential	154
	Home Perf w Energy Star, Single Family Residential	94,259
	NYCH: LMI, Single Family Residential	2,000
	Renewable Heat NY, Clean Heating & Cooling	11,000
	Single Family Residential	158,623
Noppers Collision Repairs Inc.	OTHER PROGRAM AREA, Clean Transportation	8,000
North Shore Chevrolet of Smithtown	Clean Transportation	46,000
Northeast Home Improvement, LLC	Home Perf w Energy Star, Single Family Residential	27,926
	Single Family Residential	35,206
Northern Automotive Group Inc.	Clean Transportation	38,800
Northtown Hyundai Inc	Clean Transportation	76,300
Northtown Transit LLC	Clean Transportation	14,500
NP Environmental LLC	Geothermal Incentive Program, Clean Heating & Cooling	12,495
NR Automotive Inc	Clean Transportation	7,800
NS Auto Sales Inc.	Clean Transportation	6,800
NY Greentop	Home Perf w Energy Star, Single Family Residential	93,533
Nye Automotive Group	Clean Transportation	7,100
Nye Automotive Group, Inc	Clean Transportation	29,200
NYLSI, INC	Clean Transportation	187,900
	OTHER PROGRAM AREA, Clean Transportation	32,000
NYS Energy Audits, Inc.	EMPOWER NY, Single Family Residential	6,245
	GJGNY Market Rate Audits, Single Family Residential	750
	Home Perf w Energy Star, Single Family Residential	616,881
	Single Family Residential	222,229
NYS Energy Solutions	EMPOWER NY, Single Family Residential	200

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>NYS Energy Solutions</b>	Home Perf w Energy Star, Single Family Residential	1,000
	Single Family Residential	44,565
<b>O'Connor Chevrolet, Inc.</b>	Clean Transportation	18,000
<b>Oceania Street Associates Inc</b>	Clean Transportation	18,000
<b>ODA Community Development Corp.</b>	Home Perf w Energy Star, Single Family Residential	143,377
<b>ODO Cars LLC</b>	Clean Transportation	23,000
<b>Olum's of Binghamton, Inc.</b>	EMPOWER NY, Single Family Residential	2,000
	Home Perf w Energy Star, Single Family Residential	60,545
	Single Family Residential	33,585
<b>One Dekalb LLC</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Open Road of New York City LLC</b>	Clean Transportation	6,000
<b>Opportunities for Otsego, Inc.</b>	Home Perf w Energy Star, Single Family Residential	35,800
	Single Family Residential	40,319
<b>Orchard Park Vet Med Associates PLLC</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>Orenda Inc</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	14,550
<b>Otis Ford Inc</b>	Clean Transportation	15,100
<b>Otsego County Conservation Association</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	7,349
<b>OZF Holdings LLC</b>	OTHER PROGRAM AREA, Clean Transportation	184,000
<b>P.R.O. Home Improvement of CNY, LLC</b>	EMPOWER NY, Single Family Residential	200
	Home Perf w Energy Star, Single Family Residential	11,689
	Single Family Residential	118,967
<b>Paddock Chevrolet, Inc.</b>	Clean Transportation	18,000
<b>Pana Nissan, LLC</b>	Clean Transportation	12,000
<b>Park Ford of Mahopac, Inc</b>	Clean Transportation	10,000
<b>Parker Chevrolet, Inc.</b>	Clean Transportation	10,000
<b>Parkway II LLC</b>	Clean Transportation	47,400
<b>Patchogue 112 Motors LLC</b>	Clean Transportation	12,200
<b>Pathfinder Engineers &amp; Architects, LLP</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	5,240
<b>Pathstone Corporation</b>	EMPOWER NY, Single Family Residential	5,741
	Home Perf w Energy Star, Single Family Residential	16,987
	Single Family Residential	1,979
<b>Patriot Energy Solutions Corp</b>	EMPOWER NY, Single Family Residential	4,863
	Home Perf w Energy Star, Single Family Residential	2,225,834
	Single Family Residential	62,970
<b>Paul A. Castrucci, Architects PLLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	275
<b>Pavers and Patios Inc.</b>	RENEWABLE HEAT NY, Clean Heating & Cooling	15,000
<b>PBL Equipment &amp; Service Inc</b>	Renewable Heat NY, Clean Heating & Cooling	13,500
<b>Peak Point Apartments, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	24,000
<b>Penns Worldwide Auto Superstore LTD</b>	Clean Transportation	64,100
<b>People's Equal Action &amp; Community Effort</b>	Home Perf w Energy Star, Single Family Residential	36,432
	Single Family Residential	40,709
<b>Performance Systems Development, Inc.</b>	Low Rise New Construction, New Construction	8,700
<b>Perry Road Project LLC</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Pete Faber</b>	RENEWABLE HEAT NY, Clean Heating & Cooling	18,000
<b>PJD Hyundai East LLC</b>	Clean Transportation	35,100
<b>PJD Hyundai West LLC</b>	Clean Transportation	80,200
<b>Plankton Energy LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	25,520
<b>Platinum Volkswagen LLC</b>	Clean Transportation	8,000
<b>Plaza Automotive, Ltd.</b>	Clean Transportation	125,300
<b>Pleasantville Ford Inc</b>	Clean Transportation	16,500
<b>Popli, Architecture + Engineering &amp; LS,</b>	OTHER PROGRAM AREA, Clean Transportation	8,000

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Poseidon Systems, LLC	Talent Pipeline: Internship Pgm, Workforce Dev & Train	43,835
Pres Energy, LLC	Talent Pipeline: Internship Pgm, Workforce Dev & Train	8,354
Prestige Automobiles Inc.	Clean Transportation	100,400
Prime Time Energy Services, Inc.	EMPOWER NY, Single Family Residential	96,293
	GJGNY Market Rate Audits, Single Family Residential	300
	Home Perf w Energy Star, Single Family Residential	148,850
	NYCH: Comfort Home, Single Family Residential	5,750
	Single Family Residential	167,816
Pro Action of Steuben & Yates, Inc.	Home Perf w Energy Star, Single Family Residential	26,625
	Single Family Residential	37,205
ProjectEconomics, Inc.	Talent Pipeline: Internship Pgm, Workforce Dev & Train	19,588
Purves Street Owner LLC	OTHER PROGRAM AREA, Clean Transportation	8,000
R. McLagan, Inc.	GJGNY Market Rate Audits, Single Family Residential	150
	Home Perf w Energy Star, Single Family Residential	25,751
	NYCH: LMI, Single Family Residential	21,827
R.C. Lacy Inc.	Clean Transportation	5,000
Rallye Westbury, LLC	Clean Transportation	22,000
Ramp Motors Inc	Clean Transportation	17,000
Ray Catena of Westchester, LLC	Clean Transportation	18,900
RED Rochester	Technical Services, Industrial & Agriculture	19,845
Regional Economic Community Action	EMPOWER NY, Single Family Residential	176
	Home Perf w Energy Star, Single Family Residential	89,855
	Single Family Residential	54,064
Reyes Repair Inc	RENEWABLE HEAT NY, Clean Heating & Cooling	47,000
Research Foundation of SUNY	Environmental Research, Environmental Research	3,870
Reynolds Group Enterprises, Inc.	Renewable Heat NY, Clean Heating & Cooling	9,500
RI Suresky and Sons Inc	Clean Transportation	42,200
Rivera Auto Group Inc	Clean Transportation	76,000
Riverhead Auto Mall LTD	Clean Transportation	18,000
Riverhead Motors, Inc.	Clean Transportation	35,100
RJ Chevrolet Inc	Clean Transportation	86,000
Robert Chevrolet Inc	Clean Transportation	10,000
Rochester Genesee Regional Transportatio	OTHER PROGRAM AREA, Clean Transportation	16,000
Rodney Lind	EMPOWER NY, Single Family Residential	23,368
	Home Perf w Energy Star, Single Family Residential	316,484
	Single Family Residential	178,941
Romano Chrysler Jeep Inc	Clean Transportation	5,500
Romano Ford of Fayetteville LTD	Clean Transportation	20,700
Romano Toyota	Clean Transportation	145,400
Romeo Chevrolet Buick GMC	Clean Transportation	36,000
Romeo Ford of Kingston LLC	Clean Transportation	18,000
Romeo Motors LLC	Clean Transportation	77,100
Route 59 Automotive LLC	Clean Transportation	36,400
Ruge's Automotive, Inc	Clean Transportation	6,600
Rural Ulster Preservation Company	OTHER PROGRAM AREA, Clean Transportation	18,000
Ryan Plumbing Heating Air Conditioning	EMPOWER NY, Single Family Residential	3,189
	Home Perf w Energy Star, Single Family Residential	195,225
	Single Family Residential	47,861
Rye Ford Inc.	Clean Transportation	14,000
S & H Associates LLC	Clean Transportation	12,000
S.I.H Automotive Partners, LLC	Clean Transportation	6,800

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Safari Energy LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	19,538
<b>Samaritan Hospital of Troy Inc</b>	OTHER PROGRAM AREA, Clean Transportation	48,000
<b>SANFILIPPO SOLUTIONS INC.</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	250
	EMPOWER NY, Single Family Residential	100,210
	Home Perf w Energy Star, Single Family Residential	94,993
	NYCH: LMI, Single Family Residential	9,150
	Renewable Heat NY, Clean Heating & Cooling	2,500
	Single Family Residential	134,192
<b>Sarah Lawrence College</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>Saratoga County EOC</b>	Home Perf w Energy Star, Single Family Residential	7,982
	Single Family Residential	6,315
<b>Saratoga Fireplace &amp; Stove, Inc.</b>	Renewable Heat NY, Clean Heating & Cooling	11,000
<b>Saratoga Imports Inc</b>	Clean Transportation	61,800
<b>Saratoga Regional Young Men's Christian</b>	OTHER PROGRAM AREA, Clean Transportation	32,000
<b>Sawyer Chevrolet Inc.</b>	Clean Transportation	10,000
<b>SC Auto Corp</b>	Clean Transportation	131,400
<b>Scarsdale Ford, Inc.</b>	Clean Transportation	25,600
<b>Schenectady County</b>	OTHER PROGRAM AREA, Clean Transportation	72,000
<b>Scholar Syracuse LLC</b>	OTHER PROGRAM AREA, Clean Transportation	27,000
<b>Schultz Ford Haverstraw Inc.</b>	Clean Transportation	10,500
<b>Schultz Ford Lincoln Inc.</b>	Clean Transportation	46,000
<b>Schuyler Commons LLC</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Seed Renewables Inc.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	29,554
<b>Seneca County Weatherization</b>	EMPOWER NY, Single Family Residential	12,653
	Home Perf w Energy Star, Single Family Residential	25,469
	Single Family Residential	6,047
<b>Setpoint AI Inc</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	19,864
<b>Shared Mobility, Inc.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	29,284
<b>Sharp's Bulk Food Store</b>	Renewable Heat NY, Clean Heating & Cooling	50,500
<b>Shepard Bros., Inc</b>	Clean Transportation	10,000
<b>Sigma Tremblay, LLC</b>	Home Perf w Energy Star, Single Family Residential	85,767
	Single Family Residential	17,344
<b>Simply Home Performance</b>	EMPOWER NY, Single Family Residential	45,857
	Home Perf w Energy Star, Single Family Residential	886,659
	NYCH: Comfort Home, Single Family Residential	150
	NYCH: LMI, Single Family Residential	141,135
	Single Family Residential	714,066
<b>Skyline Automobiles Inc</b>	Clean Transportation	49,800
<b>Slipstream Group, Inc.</b>	>200KW PV, NY-Sun	66,930
	Air Source Heat Pumps, Codes, Products and Standards	1,500
	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Energy and Cli..	100,514
	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	4,745
	Geothermal Incentive Program, Clean Heating & Cooling	600
	GJGNY REVOLVING LOAN FUND, Single Family Residential	312,138
	Home Perf w Energy Star, Energy and Climate Equity	5,072,840
	Home Perf w Energy Star, Single Family Residential	264,850
	Renewable Heat NY, Clean Heating & Cooling	13,380
<b>SMG Automotive Holdings LLC</b>	Clean Transportation	5,400
<b>Smith Cairns Ford, Inc</b>	Clean Transportation	22,000
<b>Snug Planet, LLC</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	250
	EMPOWER NY, Single Family Residential	7,558



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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Snug Planet, LLC</b>	Home Perf w Energy Star, Single Family Residential	349,265
	NYCH: LMI, Single Family Residential	432,528
	Single Family Residential	95,675
<b>SOLANTA CORP</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	48,470
<b>Solar Energy Haus, Inc.</b>	EMPOWER NY, Single Family Residential	3,600
	Home Perf w Energy Star, Single Family Residential	200
	Single Family Residential	187,707
<b>Solar Tompkins Inc.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	7,982
<b>Solitude Solar LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	5,860
<b>South Road Cars LLC</b>	Clean Transportation	13,500
<b>South Shore Motors Corp</b>	Clean Transportation	8,500
<b>South Wedge Park LLC</b>	OTHER PROGRAM AREA, Clean Transportation	45,000
<b>Stacey Bennett</b>	Renewable Heat NY, Clean Heating & Cooling	8,000
<b>Stallmer &amp; Sun Energy Efficiency Special</b>	Home Perf w Energy Star, Single Family Residential	13,979
<b>Standard Insulating Company</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	13,631
	EMPOWER NY, Single Family Residential	95,763
	GJGNY Market Rate Audits, Single Family Residential	3,000
	Home Perf w Energy Star, Single Family Residential	3,247,798
	HOME PERFORMANCE WITH ENERGY STAR, Single Family Residential	300
	Single Family Residential	220,732
<b>Star Auto Sales of Bayside Inc</b>	Clean Transportation	49,700
<b>Star Nissan Inc</b>	Clean Transportation	7,700
<b>State University of New York at Buffalo</b>	OTHER PROGRAM AREA, Clean Transportation	64,000
<b>Stateside Auto Sales Inc.</b>	Clean Transportation	44,300
<b>Steet Ponte Inc</b>	Clean Transportation	62,400
		28,800
<b>Stever Locke, Inc.</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>STNO, LLC</b>	Clean Transportation	104,500
<b>Stoler of Westbury</b>	Clean Transportation	205,800
<b>Stoneleigh Parkway, Incorporated</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>Storms Ford Lincoln Mercury, Inc</b>	Clean Transportation	6,500
<b>Sun Dance Pool N Patio Inc.</b>	Renewable Heat NY, Clean Heating & Cooling	6,000
<b>Sunlight Energy Group LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	23,180
<b>Sunlight General Capital LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	11,556
<b>Sunny Clean Water, LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	33,523
<b>Sunrise Automall LLC</b>	Clean Transportation	13,600
<b>Sunrise Imports LLC</b>	Clean Transportation	10,000
<b>Sunset Park Redevelopment Comm</b>	Home Perf w Energy Star, Single Family Residential	24,953
<b>Sunshine Ford-Lincoln, Inc.</b>	Clean Transportation	10,500
<b>SUNY Morrisville</b>	REV Campus Challenge, Efficiency Planning & Engineer	10,000
<b>Superior Energy Innovations, LLC</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	556
	EMPOWER NY, Single Family Residential	105,879
	GJGNY Market Rate Audits, Single Family Residential	450
	Home Perf w Energy Star, Single Family Residential	66,253
	HOME PERFORMANCE WITH ENERGY STAR, Single Family Residential	600
	Single Family Residential	66,435
<b>Superior Insulation Co., LLC</b>	EMPOWER NY, Single Family Residential	45,361
	Home Perf w Energy Star, Single Family Residential	218,009
	Single Family Residential	209,791
<b>Supreme Green Energy Inc</b>	EMPOWER NY, Single Family Residential	176
	GJGNY Market Rate Audits, Single Family Residential	600

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Supreme Green Energy Inc</b>	Home Perf w Energy Star, Single Family Residential	2,882
	Single Family Residential	1,572
<b>Sussex Realty of NY, LLC</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Sustainable Comfort, Inc</b>	Low Rise New Construction, New Construction	41,500
<b>Sustainable Tompkins</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	11,681
<b>Sustainable Westchester</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	13,349
<b>Swift Rails Inc</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	11,031
<b>Syosset Hyundai LLC</b>	Clean Transportation	62,400
<b>Syracuse University</b>	Environmental Research, Environmental Research	1,150
<b>T.A.S. Consulting International LLC</b>	Renewable Heat NY, Clean Heating & Cooling	10,500
<b>T.J.Nik Corp</b>	Clean Transportation	9,300
<b>Taitem Engineering, P.C.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	8,592
<b>Tall Pines Farm Inc.</b>	Renewable Heat NY, Clean Heating & Cooling	43,500
<b>Taylor Heating Inc.</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	4,777
	EMPOWER NY, Single Family Residential	24,767
	GJGNY Market Rate Audits, Single Family Residential	4,800
	Home Energy Ratings, Single Family Residential	7,559
	Home Perf w Energy Star, Single Family Residential	370,546
	NYCH: Comfort Home, Single Family Residential	1,300
	Single Family Residential	17,364
<b>TCJeep Ink</b>	Clean Transportation	8,800
<b>Teddy Nissan</b>	Clean Transportation	6,000
<b>Teddy Volkswagen of the Bronx</b>	Clean Transportation	12,000
<b>Tehan's Realty Company</b>	OTHER PROGRAM AREA, Clean Transportation	64,000
<b>Tesla Motors New York LLC</b>	Clean Transportation	1,011,500
<b>The Bicknell Corporation</b>	Renewable Heat NY, Clean Heating & Cooling	27,500
<b>The Buffalo Club</b>	OTHER PROGRAM AREA, Clean Transportation	8,000
<b>The Climate Group Inc</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	21,114
<b>The Dorschel Group</b>	Clean Transportation	134,100
		14,000
		27,500
<b>The Energy Doctors</b>	Home Perf w Energy Star, Single Family Residential	5,343
	Single Family Residential	9,780
<b>The Fireplace Company Inc.</b>	Renewable Heat NY, Clean Heating & Cooling	13,500
<b>The Insulation Man LLC</b>	EMPOWER NY, Single Family Residential	18,628
	Home Energy Ratings, Single Family Residential	1,194
	Home Perf w Energy Star, Single Family Residential	86,675
	NYCH: LMI, Single Family Residential	49,387
	Single Family Residential	20,245
<b>The Levy Partnership, Inc.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	1,224
<b>The Lookout I Condominium</b>	OTHER PROGRAM AREA, Clean Transportation	80,000
<b>The Radiant Store</b>	Home Perf w Energy Star, Single Family Residential	18,217
	NYCH: LMI, Single Family Residential	38,480
<b>The Roosevelt Island Operating Corporati</b>	OTHER PROGRAM AREA, Clean Transportation	24,000
<b>The Top Gun Group, LLC</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	8,580
	EMPOWER NY, Single Family Residential	32,904
	Home Perf w Energy Star, Single Family Residential	360,964
	NYCH: LMI, Single Family Residential	54,539
	Single Family Residential	147,025
<b>The Trustees of Columbia University</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Thermaxx, LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	7,696

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Thomas Sansone	Home Energy Ratings, Single Family Residential	6,397
Three Peaks Energy Corp.	Home Perf w Energy Star, Single Family Residential	61,270
	NYCH: Comfort Home, Single Family Residential	150
	Single Family Residential	54,198
Timothy Marlett	EMPOWER NY, Single Family Residential	83,133
	Home Perf w Energy Star, Single Family Residential	147,671
	Single Family Residential	33,607
Tioga Opportunities Inc.	EMPOWER NY, Single Family Residential	18,701
	Home Perf w Energy Star, Single Family Residential	93,618
	Single Family Residential	37,457
TLL Motors Inc	Clean Transportation	185,600
Tompkins Community Action	Home Perf w Energy Star, Single Family Residential	9,139
	Single Family Residential	4,246
Total Comfort Heating and Air Conditioni	EMPOWER NY, Single Family Residential	27,463
	Home Perf w Energy Star, Single Family Residential	340,386
	Single Family Residential	89,193
Town of Ballston	Clean Energy Communities, Communities & Local Government	5,000
	NYCH: Communities, Communities & Local Government	5,000
	OTHER PROGRAM AREA, Clean Transportation	8,000
Town of Ballston Community Library	OTHER PROGRAM AREA, Clean Transportation	16,000
Town of Bethlehem	OTHER PROGRAM AREA, Clean Transportation	16,000
Town of Boston	NYCH: Communities, Communities & Local Government	5,000
Town of Brutus	Clean Energy Communities, Communities & Local Government	5,000
Town of Canandaigua	NYCH: Communities, Communities & Local Government	5,000
Town of Champlain	Clean Energy Communities, Communities & Local Government	5,000
	NYCH: Communities, Communities & Local Government	5,000
Town of Chatham	NYCH: Communities, Communities & Local Government	5,000
Town of Clarkstown	Clean Energy Communities, Communities & Local Government	5,000
Town of Claverack	Clean Energy Communities, Communities & Local Government	5,000
Town of Cobleskill	Clean Energy Communities, Communities & Local Government	5,000
Town of Colden	Clean Energy Communities, Communities & Local Government	5,000
Town of Covington	Clean Energy Communities, Communities & Local Government	5,000
Town of Dansville	NYCH: Communities, Communities & Local Government	5,000
Town of Dryden	NYCH: Communities, Communities & Local Government	10,000
Town of Eaton	Clean Energy Communities, Communities & Local Government	5,000
Town of Elbridge	Clean Energy Communities, Communities & Local Government	5,000
Town of Elmira	Clean Energy Communities, Communities & Local Government	5,000
Town of Greenburgh	Clean Energy Communities, Communities & Local Government	5,000
Town of Hector	Clean Energy Communities, Communities & Local Government	5,000
Town of Hyde Park	NYCH: Communities, Communities & Local Government	5,000
Town of Islip	Clean Energy Communities, Communities & Local Government	5,000
Town of Kendall	Clean Energy Communities, Communities & Local Government	5,000
Town of Kirkland	Clean Energy Communities, Communities & Local Government	5,000
Town of Lake George	Clean Energy Communities, Communities & Local Government	5,000
Town of Lewisboro	Clean Energy Communities, Communities & Local Government	5,000
Town of Lewiston	Clean Energy Communities, Communities & Local Government	5,000
Town of Malta	Clean Energy Communities, Communities & Local Government	5,000
Town of Manlius	Clean Energy Communities, Communities & Local Government	5,000
Town of Mount Morris	OTHER PROGRAM AREA, Clean Transportation	32,000
Town of New Hartford	Clean Energy Communities, Communities & Local Government	5,000
Town of New Lebanon	Clean Energy Communities, Communities & Local Government	10,000

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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Town of Newfield	NYCH: Communities, Communities & Local Government	5,000
Town of North Hempstead	Clean Energy Communities, Communities & Local Government	5,000
Town of North Salem	Clean Energy Communities, Communities & Local Government	5,000
Town of Ontario	OTHER PROGRAM AREA, Clean Transportation	8,000
Town of Philipstown	Clean Energy Communities, Communities & Local Government	5,000
Town of Pine Plains	Clean Energy Communities, Communities & Local Government	5,000
Town of Porter	Clean Energy Communities, Communities & Local Government	5,000
Town of Potsdam	Clean Energy Communities, Communities & Local Government	5,000
Town of Randolph	Clean Energy Communities, Communities & Local Government	5,000
Town of Richford	Clean Energy Communities, Communities & Local Government	5,000
Town of Riverhead	CLEANER GREENER COMMUNITIES, Communities & Local Government	5,000
Town of Roseboom	Clean Energy Communities, Communities & Local Government	5,000
Town of Willsboro Water District	OTHER PROGRAM AREA, Clean Transportation	16,000
Town of Woodstock	Clean Energy Communities, Communities & Local Government	5,000
Towne AVW, Inc.	Clean Transportation	6,000
Towne Ford, Inc.	Clean Transportation	49,500
Towne TV	OTHER PROGRAM AREA, Clean Transportation	24,000
Tramz N.Y. LLC	OTHER PROGRAM AREA, Clean Transportation	24,000
Trane	K-12 SCHOOLS, Efficiency Planning & Engineer	3,750
Transitowne Dodge of Williamsville	Clean Transportation	8,800
Trillium Health, Inc.	OTHER PROGRAM AREA, Clean Transportation	16,000
Tringalis Auto Services Inc	OTHER PROGRAM AREA, Clean Transportation	8,000
Triple H Contracting, Inc.	EMPOWER NY, Single Family Residential	400
	GJGNY Market Rate Audits, Single Family Residential	300
	HOME PERFORMANCE WITH ENERGY STAR, Single Family Residential	150
	Single Family Residential	36,138
Triple-O Mechanical Inc.	Air Source Heat Pumps, Codes, Products and Standards	15,000
TRS Heating and Air Conditioning Co., In	EMPOWER NY, Single Family Residential	92,516
	Home Perf w Energy Star, Single Family Residential	148,496
	Single Family Residential	139,469
True Building Performance LLC	GJGNY Market Rate Audits, Single Family Residential	5,850
	Home Perf w Energy Star, Single Family Residential	123,647
	Single Family Residential	75,957
True Energy Solutions	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	336
	EMPOWER NY, Single Family Residential	13,261
	Home Perf w Energy Star, Single Family Residential	112,557
	Single Family Residential	78,932
	Talent Pipeline: Internship Pgm, Workforce Dev & Train	1,709
Trump Park Residences Condominium	OTHER PROGRAM AREA, Clean Transportation	40,000
Trustworthy LLC	OTHER PROGRAM AREA, Clean Transportation	18,000
TT of Freeport Inc	Clean Transportation	7,900
Ulster Construction Co. Inc.	EMPOWER NY, Single Family Residential	415
	Home Perf w Energy Star, Single Family Residential	10,984
	Single Family Residential	10,748
Ulster County Community Action, Inc.	Home Perf w Energy Star, Single Family Residential	79,276
	Single Family Residential	72,283
Umicore Electrical Materials USA Inc	OTHER PROGRAM AREA, Clean Transportation	24,000
Universal Hearth Stores Inc.	Renewable Heat NY, Clean Heating & Cooling	27,500
University of Rochester	Environmental Research, Environmental Research	2,300
Upstate Dodge Chrysler Jeep Inc	Clean Transportation	6,600
Upstate Imports Inc	Clean Transportation	52,200

**Expenditures pursuant to a Request for Proposal, a Program Opportunity Notes or Solicitation**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
Upstate Specialty Properties, LLC	OTHER PROGRAM AREA, Clean Transportation	20,000
Upstate Spray Foam Insulation, LLC	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	410
	Home Perf w Energy Star, Single Family Residential	82,066
	Single Family Residential	9,887
Urban Homesteading Assistance Inc	Talent Pipeline: Internship Pgm, Workforce Dev & Train	16,288
US Ceiling CORP	Home Perf w Energy Star, Single Family Residential	500
	Single Family Residential	1,641
Van Bortel Chevrolet, Inc.	Clean Transportation	28,000
Van Bortel Ford Inc.	Clean Transportation	14,000
Vandersteyne Motor Sales Inc	Clean Transportation	20,100
Vanderzee Finance & Insurance Agency LLC	OTHER PROGRAM AREA, Clean Transportation	32,000
Venture at Endicott LLC	Technical Services, Efficiency Planning & Engineer	10,000
Village of Ardsley	Clean Energy Communities, Communities & Local Government	10,000
Village of Briarcliff Manor	Clean Energy Communities, Communities & Local Government	5,000
Village of Burdett	Clean Energy Communities, Communities & Local Government	5,000
Village of Canisteo	Clean Energy Communities, Communities & Local Government	5,000
Village of Cayuga	Clean Energy Communities, Communities & Local Government	5,000
Village of Champlain	NYCH: Communities, Communities & Local Government	5,000
Village of Clinton	Clean Energy Communities, Communities & Local Government	5,000
Village of Cobleskill	OTHER PROGRAM AREA, Clean Transportation	9,000
Village of Croton-on-Hudson	NYCH: Communities, Communities & Local Government	5,000
Village of Dobbs Ferry	NYCH: Communities, Communities & Local Government	10,000
Village of Dryden	OTHER PROGRAM AREA, Clean Transportation	8,000
Village of Fleischmanns	Clean Energy Communities, Communities & Local Government	10,000
Village of Hastings on Hudson	Clean Energy Communities, Communities & Local Government	5,000
Village of Haverstraw	NYCH: Communities, Communities & Local Government	5,000
Village of Irvington	Clean Energy Communities, Communities & Local Government	10,000
Village of Lake George	Clean Energy Communities, Communities & Local Government	5,000
Village of Lima	Clean Energy Communities, Communities & Local Government	5,000
Village of Mamaroneck	Clean Energy Communities, Communities & Local Government	5,000
Village of Montour Falls	Clean Energy Communities, Communities & Local Government	5,000
Village of Mount Morris	NYCH: Communities, Communities & Local Government	5,000
Village of Naples	Clean Energy Communities, Communities & Local Government	5,000
Village of Odessa	Clean Energy Communities, Communities & Local Government	5,000
Village of Ossining	NYCH: Communities, Communities & Local Government	5,000
	OTHER PROGRAM AREA, Clean Transportation	3,000
Village of Pelham	Clean Energy Communities, Communities & Local Government	5,000
Village of Piermont	Clean Energy Communities, Communities & Local Government	5,000
Village of Rhinebeck	Clean Energy Communities, Communities & Local Government	5,000
Village of Rye Brook	NYCH: Communities, Communities & Local Government	5,000
Village of Sodus Point	Clean Energy Communities, Communities & Local Government	5,000
Village of Sylvan Beach	OTHER PROGRAM AREA, Clean Transportation	32,000
Village of Walton	NYCH: Communities, Communities & Local Government	5,000
Village of Weedsport	Clean Energy Communities, Communities & Local Government	5,000
Village of Whitney Point	Clean Energy Communities, Communities & Local Government	5,000
Virimodo, PBC	Talent Pipeline: Internship Pgm, Workforce Dev & Train	19,058
VirtualAPT Corp	Talent Pipeline: Internship Pgm, Workforce Dev & Train	42,598
Vision Hyundai Of Webster LLC	Clean Transportation	71,500
Volkswagen Of Huntington LLC	Clean Transportation	34,000
Waite Motor Sales Inc	Clean Transportation	46,100
Walden Environmental Engineering, PLLC	Workforce Dev & Train	5,868

**Expenditures pursuant to a Request for Proposal, a Program Opportunity Notes or Solicitation**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Warren/Hamilton Counties ACEO</b>	Home Perf w Energy Star, Single Family Residential	21,609
	Single Family Residential	23,503
<b>Wavelength Group, LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	6,021
<b>Wayne County Action Program</b>	EMPOWER NY, Single Family Residential	19,674
	Home Perf w Energy Star, Single Family Residential	144,769
	Single Family Residential	22,028
<b>Wendel Energy Services, LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	6,372
<b>West Herr Chevrolet Inc</b>	Clean Transportation	8,000
<b>West Herr Ford Inc</b>	Clean Transportation	31,000
<b>West Herr Ford of Amherst LLC</b>	Clean Transportation	36,000
<b>West Herr Imports LLC</b>	Clean Transportation	102,200
<b>West Nyack Motor Cars LLC</b>	Clean Transportation	18,000
<b>Westbury Jeep Chrysler Dodge Inc.</b>	Clean Transportation	18,500
<b>Westchester Foreign Auto's Inc.</b>	Clean Transportation	21,400
<b>WexEnergy LLC</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	8,981
<b>WHA EIGHT LLC</b>	Clean Transportation	75,400
<b>WHA Five LLC</b>	Clean Transportation	125,900
<b>WHA Four LLC</b>	Clean Transportation	10,400
<b>WHA Nine LLC</b>	Clean Transportation	41,200
<b>WHA One LLC</b>	Clean Transportation	18,000
<b>Wha Six LLC</b>	Clean Transportation	11,000
<b>WHA Two LLC</b>	Clean Transportation	8,000
<b>WHAC LLC</b>	Clean Transportation	10,300
<b>Whiteman Chevrolet Inc</b>	Clean Transportation	8,000
<b>Whitesboro Frame &amp; Body Inc</b>	OTHER PROGRAM AREA, Clean Transportation	12,000
<b>Williams Toyota Elmira</b>	Clean Transportation	47,800
<b>Willie Oxendine</b>	Home Perf w Energy Star, Single Family Residential	112,978
	Single Family Residential	64,153
<b>Wilson Appliance</b>	EMPOWER NY, Single Family Residential	2,246
	Home Perf w Energy Star, Single Family Residential	4,311
	Single Family Residential	6,656
<b>Wisconsin Energy Conservation Corp</b>	>200KW PV, NY-Sun	31,860
	Air Source Heat Pumps, Codes, Products and Standards	300
	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Energy and Cli..	56,048
	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	3,702
	Geothermal Incentive Program, Clean Heating & Cooling	330
	GJGNY REVOLVING LOAN FUND, Single Family Residential	19,906
	Home Perf w Energy Star, Energy and Climate Equity	2,616,252
	Home Perf w Energy Star, Single Family Residential	196,978
	Renewable Heat NY, Clean Heating & Cooling	8,700
<b>Wise Home Energy, LLC</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	975
	EMPOWER NY, Single Family Residential	24,305
	GJGNY Market Rate Audits, Single Family Residential	4,500
	Home Energy Ratings, Single Family Residential	5,442
	Home Perf w Energy Star, Single Family Residential	462,196
	NYCH: Comfort Home, Single Family Residential	15,000
	NYCH: LMI, Single Family Residential	22,965
	Single Family Residential	70,382
<b>WNY Fireplace Outlet, LLC</b>	RENEWABLE HEAT NY, Clean Heating & Cooling	12,500
<b>Wolberg Electrical Supply</b>	OTHER PROGRAM AREA, Clean Transportation	16,000
<b>Wood 'N Things</b>	Renewable Heat NY, Clean Heating & Cooling	6,000

**Expenditures pursuant to a Request for Proposal, a Program Opportunity Notes or Solicitation**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Expended Amount</b>
<b>Workforce Development Institute, Inc.</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	6,362
<b>WP Cars LLC</b>	Clean Transportation	12,000
<b>WPV Automotive Partners LLC</b>	Clean Transportation	63,300
<b>WS Healey Chevrolet Buick Inc.</b>	Clean Transportation	18,000
<b>Y&amp;N Building Supply US LLC</b>	NYCH: Talent Ppln: CE and OJT, Workforce Dev & Train	78,913
<b>Yates County</b>	Clean Energy Communities, Communities & Local Government	5,000
<b>You Save Green Incorporated</b>	Talent Pipeline: Internship Pgm, Workforce Dev & Train	5,062
<b>Zenner and Ritter Inc.</b>	EMPOWER NY, Single Family Residential	25,380
	Home Perf w Energy Star, Single Family Residential	162,589
<b>Zerodraft Residential Inc.</b>	ASSISTED HOME PERFORMANCE WITH ENERGY STAR, Single Family ..	500
	EMPOWER NY, Single Family Residential	51,757
	GJGNY Market Rate Audits, Single Family Residential	1,500
	Home Perf w Energy Star, Single Family Residential	859,062
	NYCH: LMI, Single Family Residential	85,939
	Single Family Residential	162,321
<b>Grand Total</b>		<b>68,470,073</b>

NYSERDA  
Public Authority Law Report  
April 1, 2021 to September 30, 2021

Section Break



## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
1st Light Energy, Inc.	4/2/2021	>200KW PV, PON 2112 NY SUN	17,688
3 BP REIT	6/24/2021	Technical Services, OsEM71-C - Ivanhoe Cambridge	163,655
3M Company	4/16/2021	On-Site Energy Manager, OsEM46-I - 3M Tonawanda	12,792
3rd ROC Solar LLC	4/27/2021	<200KW PV, PON 2112 NY SUN	5,058
	6/8/2021	<200KW PV, PON 2112 NY SUN	8,568
	7/6/2021	<200KW PV, PON 2112 NY SUN	5,544
	7/21/2021	<200KW PV, PON 2112 NY SUN	6,321
	8/4/2021	<200KW PV, PON 2112 NY SUN	5,950
	9/1/2021	<200KW PV, PON 2112 NY SUN	6,300
	9/23/2021	<200KW PV, PON 2112 NY SUN	8,428
	9/29/2021	<200KW PV, PON 2112 NY SUN	6,020
25-74 33rd Street Owner, LLC	6/29/2021	Multifam Performance Pgm, Multifamily	42,000
31-49 29th Street Owner, LLC	6/29/2021	Multifam Performance Pgm, Multifamily	33,600
34th Hotel Ventures LLC	8/4/2021	NYCH: Technical Assistance, FT13636 - 218 W. 35th - PON	9,765
35 E Tenth Street Realty Corp	5/19/2021	Technical Services, FT13352 - 35 E. 10th - PON	6,278
45 Park Ave Condominium	9/27/2021	NYCH: Technical Assistance, FT13718 - 45 Park - PON	10,800
50 HYMC Owner LLC	8/25/2021	Commercial New Construc, NCP15018-50 HudsonYards-OFLT	327,047
50 Overlook Terrace Owner, LLC	6/29/2021	Multifam Performance Pgm, Multifamily	40,600
50th Street HDFC	9/8/2021	Technical Services, FT13624 - 329-345 50th - PON	5,750
70 West MM LLC	6/29/2021	Multifam Performance Pgm, Multifamily	87,200
106 Fort Washington Owner, LLC	6/29/2021	Multifam Performance Pgm, Multifamily	48,300
122-20 Ocean Promenade Owner, LLC	6/29/2021	Multifam Performance Pgm, Multifamily	50,400
137 E 36 ST CORP	9/28/2021	NYCH: Technical Assistance, FT13689 - 137 E 36th - PON	17,500
174 Power Global NorthEast, LLC	7/23/2021	>200KW PV, PON 2112 NY SUN	104,247
	9/15/2021	>200KW PV, NY-Sun	343,980
213 Bennett Avenue Owner LLC	6/29/2021	Multifam Performance Pgm, Multifamily	50,400
230 East 88th Street Corporation	6/29/2021	Multifam Performance Pgm, Multifamily	76,300
263 West 153rd Street LP	6/29/2021	Multifam Performance Pgm, Multifamily	59,500
275 Nelson Apartments LLC	6/29/2021	Multifam Performance Pgm, Multifamily	179,200
445 Gerard LLC	9/29/2021	New Construction Housing, NCP Housing	100,000
770 Electric Corp.	7/26/2021	<200KW PV, NY-Sun	15,530
		>200KW PV, NY-Sun	6,656
		>200KW PV, PON 2112 NY SUN	6,156
	9/2/2021	>200KW PV, PON 2112 NY SUN	53,988
	9/8/2021	<200KW PV, NY-Sun	12,432
		>200KW PV, NY-Sun	5,328
	9/9/2021	>200KW PV, PON 2112 NY SUN	36,732
1625 Rockaway Parkway Owner, LLC	6/29/2021	Multifam Performance Pgm, Multifamily	105,700
1639 Rt 29 Solar 1, LLC	6/9/2021	>200KW PV, NY Sun	1,200,420
3104 Batavia Solar, LLC	5/29/2021	>200KW PV, NY Sun	892,296
3232 Batavia Solar, LLC	5/29/2021	>200KW PV, NY Sun	1,008,207
31606 Felt Mills LLC	4/20/2021	>200KW PV, NY Sun	450,364
A. Kornegay Senior Houses HDFC	6/29/2021	Multifam Performance Pgm, Multifamily	63,000
Abt Associates Inc.	4/5/2021	ENVIRONMENTAL RESEARCH, TWO#1 Pathways Health	80,000
	4/11/2021	ENERGY ANALYSIS, TWO 2 formerly 30191 TWO #5	75,000
	4/26/2021	Home Perf w Energy Star, Research & Documentation	100,000
	6/11/2021	ENERGY ANALYSIS, TWO#1 Pathways Health	110,000
Abundant Solar Power (A2), LLC	6/21/2021	>200KW PV, NY Sun	2,099,196
		NY-SUN, NY Sun	1,539,411
Abundant Solar Power (CC3), LLC	8/23/2021	>200KW PV, NY Sun	951,946
Abundant Solar Power (E1), LLC	6/18/2021	>200KW PV, NY Sun	951,782
AC Power, LLC	7/26/2021	>200KW PV, NY Sun	1,036,035
Accord Power, Inc.	4/1/2021	>200KW PV, PON 2112 NY SUN	9,030
	6/3/2021	>200KW PV, PON 2112 NY SUN	7,560
	6/4/2021	<200KW PV, NY-Sun	229,961
		>200KW PV, NY-Sun	98,555

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Date Encumbered</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Accord Power, Inc.</b>	6/4/2021	>200KW PV, PON 2112 NY SUN	16,485
	6/7/2021	<200KW PV, NY-Sun	101,703
		>200KW PV, NY-Sun	43,587
	7/15/2021	>200KW PV, PON 2112 NY SUN	7,560
	7/28/2021	<200KW PV, NY-Sun	44,660
>200KW PV, NY-Sun		16,380	
<b>Actasys</b>	5/14/2021	Talent Pipeline:CE and OJT, OJT HIRE	8,460
	6/30/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,232
<b>Action Research Inc.</b>	5/11/2021	Subscription/Data Access, Behavior Consulting Services	50,000
<b>Active Solar Development, LLC</b>	6/15/2021	>200KW PV, NY Sun	478,319
<b>Adam C. Boese</b>	5/18/2021	Technical Services, FT13554 - Agricul. Best - FTC	16,200
	8/25/2021	Commercial New Construc, Commercial New Construction	28,840
	8/30/2021	NYCH: Technical Assistance, FT13597 - Kittay Apart.- FTC	6,400
	9/21/2021	Technical Services, AEAP	6,000
	9/23/2021	Technical Services, AEAP	6,000
<b>Adirondack Center for Loon</b>	6/16/2021	Environmental Research, Mercury Pollution-Common Loons	49,500
<b>ADK Solar</b>	7/29/2021	<200KW PV, PON 2112 NY SUN	5,950
<b>ADM Associates, Inc.,</b>	8/31/2021	GJGNY Market Rate Audits, TWO # 1	457,592
		Home Energy Ratings, TWO # 1	457,592
<b>Advanced Radiant Design, Inc.</b>	4/21/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	9,600
	8/26/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
<b>AECOM USA INC.</b>	4/23/2021	NYCH: Technical Assistance, FT13419 - 230 E 73rd - FTC	21,137
	9/27/2021	NYCH: Technical Assistance, FT13644 - Worldwide Plaza -FTC	43,071
<b>AES Distributed Energy, Inc.</b>	4/3/2021	>200KW PV, NY Sun	1,041,012
	5/10/2021	>200KW PV, NY Sun	1,097,102
<b>Affordable Housing Partnership</b>	9/27/2021	OTHER PROGRAM AREA, CEEP Capital Region (AHP)	204,834
<b>Air Company Holdings, Inc.</b>	5/10/2021	Talent Pipeline:CE and OJT, OJT HIRE	15,360
<b>Akelius US LLC</b>	6/25/2021	Commercial New Construc, 2019 CNCP	12,691
<b>AKF-engineers</b>	4/21/2021	NYCH: Technical Assistance, FT13414 - Sovereign - FTC	65,000
	5/7/2021	NYCH: Technical Assistance, FT13478 - 150 E. 58th - FTC	12,750
	5/11/2021	NYCH: Technical Assistance, FT13460 - 1221 AoA - FTC	92,625
	7/30/2021	Technical Services, FT13608-Blythdale Hospital-FTC	29,995
	9/27/2021	NYCH: Technical Assistance, FT13687 - 1411 Broadway - FTC	44,000
<b>Akimeka, LLC</b>	4/29/2021	EVPRZ:Implementation, Clean Transportation	2,000,000
<b>Albany Housing Authority</b>	7/28/2021	Multifam Performance Pgm, Multifamily	308,000
		NYCH: LMI, Clean Heating & Cooling	484,000
<b>Albany Solar Solutions L.L.C.</b>	9/2/2021	<200KW PV, PON 2112 NY SUN	7,154
<b>Albireo Energy, LLC</b>	4/1/2021	Real Time Enrgy Management, Albireo-237 Park-RTEM	58,072
	6/21/2021	Real Time Enrgy Management, Albireo-350 Madison-RTEM	36,347
<b>Alfred University</b>	4/26/2021	Commercial New Construc, 2019 CNCP	5,696
<b>Algonquin Power Holdings LLC</b>	5/5/2021	>200KW PV, NY-Sun	2,384,280
<b>AlienVault, Inc.</b>	7/2/2021	NYSERDA ADMINISTRATION, Alien Vault USM App - 1 year	10,852
<b>All-State Air Control Sales &amp; Service In</b>	5/14/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	15,360
	8/10/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	14,400
<b>Allegis Group Holdings Inc</b>	6/8/2021	76 West, SA.078 - Innovation_APM	236,696
		High Performing Grid, SA.078 - Innovation_APM	59,174
	9/10/2021	NYCH: Supply Chain, SA.054_TWO #9 - SFR PM	399,829
<b>Allen Power, Inc.</b>	6/16/2021	<200KW PV, PON 2112 NY SUN	6,773
<b>Alliance for Sustainable Energy, LLC</b>	4/30/2021	ENERGY ANALYSIS, TWO #7 T&D Tool Dev Co-Optimiz	173,677
		High Performing Grid, TWO #7 T&D Tool Dev Co-Optimiz	1,011,147
	8/10/2021	Energy Storage Tech/Prod Dev, TWO 6 NYS Hydro Strategy St..	1,250,000
<b>Alliant Insurance Services, Inc.</b>	9/21/2021	Moore McNeil - Level Solar	50,000
<b>Alternative Power Solutions of NY, LLC</b>	4/9/2021	<200KW PV, PON 2112 NY SUN	7,245
	4/12/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	6,720
	5/27/2021	<200KW PV, PON 2112 NY SUN	6,958
	6/3/2021	<200KW PV, PON 2112 NY SUN	14,896

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Alternative Power Solutions of NY, LLC	6/4/2021	<200KW PV, PON 2112 NY SUN	5,082
	7/9/2021	<200KW PV, PON 2112 NY SUN	8,232
	8/6/2021	<200KW PV, PON 2112 NY SUN	10,584
	8/31/2021	<200KW PV, PON 2112 NY SUN	6,020
	9/8/2021	<200KW PV, PON 2112 NY SUN	5,313
	9/10/2021	<200KW PV, PON 2112 NY SUN	7,224
	9/15/2021	<200KW PV, PON 2112 NY SUN	6,020
AltPOWER, Inc.	4/29/2021	<200KW PV, NY-Sun	34,515
	5/10/2021	<200KW PV, NY-Sun	150,577
	5/11/2021	<200KW PV, NY-Sun	37,446
	5/17/2021	<200KW PV, NY-Sun	174,551
	5/24/2021	<200KW PV, NY-Sun	35,787
	6/7/2021	<200KW PV, NY-Sun	21,879
	6/14/2021	<200KW PV, NY-Sun	14,508
	9/24/2021	<200KW PV, NY-Sun >200KW PV, NY-Sun	22,176 5,544
Amazon Capital Servies, Inc.	7/6/2021	NYSERDA ADMINISTRATION, USB C to HDMI Cable - 600	8,310
AMERESCO, Inc.	6/29/2021	<200KW PV, PON 2112 NY SUN	15,120
Amergy Solar Inc.	9/29/2021	>200KW PV, PON 2112 NY SUN	624,240
American Council for an Energy Efficient	4/6/2021	Subscription/Data Access, Industrial Heat Pump Research	25,000
American Energy Care, Inc.	4/6/2021	<200KW PV, NY-Sun	5,400
	4/19/2021	<200KW PV, PON 2112 NY SUN	5,608
	4/21/2021	<200KW PV, PON 2112 NY SUN	89,320
	5/7/2021	<200KW PV, PON 2112 NY SUN	7,686
	5/24/2021	<200KW PV, PON 2112 NY SUN	8,680
	6/7/2021	<200KW PV, PON 2112 NY SUN	14,420
	6/9/2021	<200KW PV, NY-Sun	262
	6/23/2021	<200KW PV, NY-Sun	2,093
	7/1/2021	<200KW PV, PON 2112 NY SUN	5,544
	7/2/2021	<200KW PV, PON 2112 NY SUN	5,166
	7/14/2021	<200KW PV, NY-Sun <200KW PV, PON 2112 NY SUN	5,755 6,860
	7/28/2021	<200KW PV, PON 2112 NY SUN	7,668
	7/29/2021	<200KW PV, PON 2112 NY SUN	23,252
	8/16/2021	<200KW PV, NY-Sun	43,688
American Institute of Chemical Enginee..	6/14/2021	Energy Storage Tech/Prod Dev, NYSERDA Membership	43,750
American Lung Association	5/7/2021	Healthy Homes VB Payment Pilot, NYS HH VBP Pilot Products	120,000
American Society of Heating,Refrigeratin	5/18/2021	NYCH: District, Development of Webinar Series	41,387
	8/17/2021	Talent Pipeline:CE and OJT, Com Heat Pump Webinar Series	291,023
AMP US HoldCo Inc.	5/11/2021	>200KW PV, NY Sun	1,124,046
Ampersand Chasm Falls Hydro LLC	5/14/2021	REC:CES REC Contracts, RESRFP20-1	2,034,736
Amtad LLC	8/30/2021	NYCH: Technical Assistance, FT13903 - 70 E. 55th - PON	20,098
	9/15/2021	NYCH: Technical Assistance, FT13924 - Nippon Tower - PON	24,800
Andromeda Community Initiative Inc.	5/7/2021	Talent Pipeline:CE and OJT, PON3981 Round 10	232,788
Antares Group, Inc.	5/27/2021	REV Campus Challenge, FT13487 - St. Albert - FTC	30,022
	9/1/2021	NYCH: Technical Assistance, FT13633 - 8000 Utopia - FTC	49,577
Aon Risk Consultants, Inc.	6/30/2021	Aon Risk Consulting for Edgewi	5,000
Apex Roofing, LLC	7/8/2021	<200KW PV, PON 2112 NY SUN	5,292
	9/21/2021	<200KW PV, PON 2112 NY SUN	6,867
Apex Solar Power LLC	4/8/2021	<200KW PV, PON 2112 NY SUN	180,544
	5/3/2021	<200KW PV, NY-Sun	780
	5/4/2021	<200KW PV, PON 2112 NY SUN	6,237
	8/10/2021	<200KW PV, PON 2112 NY SUN	6,930
Appleton Solar 1, LLC	4/3/2021	>200KW PV, NY Sun NY-SUN, NY Sun	1,274,816 1,649,762
	6/24/2021	TWO 1 LMI Commun. Solar survey	13,664

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

Contractor	Date Encumbered	Contract Description	Total Contract Amount
APX Inc.	5/10/2021	REC2:CES REC2 Syst Development, NYGATS	20,000
		REC:CES REC System Dev Costs, NYGATS	20,000
		ZEC:CES ZEC System Dev Costs, NYGATS	510,000
	8/9/2021	REC2:CES REC2 Syst Development, NYGATS	137,000
Arcadis of New York, Inc.	4/9/2021	Technical Services, AEAP	3,493
	7/28/2021	Technical Services, FT13596-Monroe NQWRRF - FTC	24,933
Arcadis U.S., Inc.	8/11/2021	FUEL NY, Tech Support FuelNY Bkup Power	49,000
Arch Street Communications, Inc.	6/24/2021	Clean Energy Communities, Marketing Support for NYSERDA	250,000
Asteri Ithaca, LLC.	9/27/2021	New Construction Housing, 2019 MFCNP	550,000
Atlantic Towers Associates L.P.	6/29/2021	Multifam Performance Pgm, Multifamily	502,600
Atlas Public Policy	6/9/2021	Electric Vehicles - Innovation, Clean Transportation	6,365
Automated Logic Contracting Services,...	4/1/2021	Real Time Enrgy Management, AutoLogic-156 Stanford St-RTEM	30,739
Aztech Geothermal, LLC	5/28/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,160
	8/26/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	9,600
Baileys Gap Solar, LLC	7/6/2021	>200KW PV, NY Sun	244,744
		NY-SUN, NY Sun	489,489
Baldwin Real Estate Development, Corp.	8/18/2021	Buildings of Excellence, Buildings of Excellence R1	850,000
Bantam Solar, LLC	9/14/2021	>200KW PV, NY Sun	1,200,227
Banyan Infrastructure Corporation	8/10/2021	NEW YORK GREEN BANK, Reporting Covenant Servicing	150,000
Barbera Homes and Development, Inc.	7/1/2021	Single Family New Construction, NCP Housing	10,200
Bard Rao + Athanas Consulting Engine..	9/16/2021	New Construction- Commercial, Commercial New Construction	195,788
Barton & Loguidice, D. P.C.	5/18/2021	Technical Services, FT13475 - Webster - FTC	27,622
	7/1/2021	Technical Services, FT13576 - City of Fulton WPCP	15,000
Bashing Panels LLC	7/27/2021	<200KW PV, NY-Sun	6,256
Battelle Memorial Institute	9/20/2021	Code to Zero, TWO #2 NYStretch Comm Modeling	195,935
		Code to Zero, TWO #3 NYStretch Res Modeling	123,883
Baxt Ingui Architects	4/23/2021	Buildings of Excellence, BoE Rnd 1 - Design Team Incen.	29,552
BDO USA LLP	5/4/2021	NYSERDA ADMINISTRATION, TWO - GJGNY	8,000
	5/27/2021	Background Investigation Servi	4,400
	6/21/2021	TWO - Level Solar	5,000
		TWO - Renovus Blue Rock	5,000
9/22/2021	Background Investigation Servi	3,600	
Beacon Power, LLC	4/9/2021	Pub Transit & Elect Rail, Beacon flywheel ESS for NYCT	1,000,000
Beaver Dam Solar 1, LLC	5/11/2021	>200KW PV, NY Sun	1,124,604
		NY-SUN, NY Sun	1,349,525
Benson Mines, Inc	4/19/2021	BR: Program Implementation, Large-Scale Renewables	569,537
Bergmann Associates, Architects,	5/7/2021	OTHER PROGRAM AREA, Just Transition Toolkit	243,400
	5/26/2021	Commercial Real Estate Ten, Bergmann Associates-Multisite	59,945
Best Energy Power	4/5/2021	>200KW PV, PON 2112 NY SUN	19,656
	4/8/2021	>200KW PV, PON 2112 NY SUN	22,788
	4/19/2021	>200KW PV, PON 2112 NY SUN	32,400
	4/27/2021	>200KW PV, PON 2112 NY SUN	25,164
	6/23/2021	>200KW PV, PON 2112 NY SUN	5,478
	7/15/2021	<200KW PV, NY-Sun	10,115
		>200KW PV, NY-Sun	4,335
	7/16/2021	>200KW PV, PON 2112 NY SUN	15,846
	7/19/2021	<200KW PV, NY-Sun	60,200
		>200KW PV, NY-Sun	25,800
	8/4/2021	<200KW PV, NY-Sun	25,200
		>200KW PV, NY-Sun	10,800
	8/9/2021	>200KW PV, PON 2112 NY SUN	720
	9/1/2021	<200KW PV, NY-Sun	11,739
		>200KW PV, NY-Sun	5,031
9/13/2021	<200KW PV, NY-Sun	421,088	
	>200KW PV, NY-Sun	105,272	
9/28/2021	<200KW PV, NY-Sun	109,736	

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Best Energy Power	9/28/2021	>200KW PV, NY-Sun	27,434
		>200KW PV, PON 2112 NY SUN	6,450
BHP Energy LLC	4/7/2021	>200KW PV, NY Sun	823,680
Binghamton Regional	9/30/2021	NY-SUN, PON 3414 - CDG Toolkit	142,500
Bizodo Inc	4/1/2021	NYSERDA ADMINISTRATION, Seamlessdocs Licensing 21 - 22	46,363
BlocPower LLC	5/14/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,680
	6/25/2021	Multifam Performance Pgm, Multifamily	24,500
		NYCH: LMI, Clean Heating & Cooling	24,500
7/28/2021	Multifam Performance Pgm, Multifamily	52,500	
	NYCH: LMI, Clean Heating & Cooling	23,200	
Bloomberg Finance LP	9/14/2021	NEW YORK GREEN BANK, Bloomberg Datafeed Access	56,160
	9/23/2021	REC:CES REC System Dev Costs, Bloomberg Datafeed Access	1,576
Boice Dunham Group Inc	4/19/2021	OTHER PROGRAM AREA, Innv Pgrm Implementation Advis	150,000
Bond, Schoeneck & King, PLLC	4/12/2021	BR: Program Implementation, BR-Outside Legal	750,000
	4/13/2021	NYSERDA ADMINISTRATION, Attorney General Investigation	50,000
	4/27/2021	NYSERDA ADMINISTRATION, HR Outside Counsel Assistance	30,000
Bonded Energy Solutions Corp.	6/7/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	6/15/2021	NYCH: Talent Ppln:CE and OJT, peter.tompkins	10,240
Borrego Solar Systems, Inc.	7/22/2021	ESTOR:Retail Storage Incentive, Retail Storage	2,625,000
	7/26/2021	ESTOR:Retail Storage Incentive, Retail Storage	2,625,000
	9/24/2021	<200KW PV, NY-Sun	112,266
NY-SUN, NY-Sun		48,114	
BP Cyrus MM LLC	8/17/2021	Multifam New Construction, New Construction	184,300
BPCA NYS Inc.	9/8/2021	Consumer Ed and Market Support, Business Development Sup..	200,000
		Home Perf w Energy Star, Business Development Support	50,000
		NYCH: Supply Chain, Business Development Support	50,000
BQ Energy	6/15/2021	NY Green Bank, BQ Corporate Upsize	20,000,000
Brattle Group Inc.	4/21/2021	High Performing Grid, TWO #2 DPS Utility Study Order	20,000
	4/28/2021	High Performing Grid, TWO 3	40,000
	7/21/2021	High Performing Grid, TWO #4 Grid Performance Gaps	675,000
	8/4/2021	High Performing Grid, TWO#1 Clean Energy Deliv	415,000
	8/23/2021	REC4:CES REC4 Tech Support, TWO #5 Tier 4 Evaluation	50,000
	8/24/2021	OREC: Technical Support, TWO#1 Clean Energy Deliv	460,000
	7/14/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,640
Bridges Development, Inc.	9/29/2021	Low Rise New Construction, 2019 LRNCP	114,800
Bright Building LLC	4/29/2021	NYCH: Innovation, Discretionary Contract with Br	49,693
Bright Power, Inc.	4/1/2021	NYCH: Technical Assistance, FT13309 - 130 Claremont - FTC	25,758
	4/9/2021	NYCH: Technical Assistance, FT13355 - 500 E 5th - FTC	9,225
	4/21/2021	NYCH: Technical Assistance, FT13454 - Red Hook - FTC	14,175
		NYCH: Technical Assistance, FT13466 - 560 W. 43rd - FTC	11,200
	5/3/2021	NYCH: Technical Assistance, FT13432 -2510 Frisby - FTC	5,850
		NYCH: Technical Assistance, FT13433 -2500-2508 Frisby -FTC	5,850
	5/10/2021	NYCH: Technical Assistance, FT13473 - 160 Schermer. - FTC	7,400
	5/11/2021	NYCH: Technical Assistance, FT13489 - 63 W. 35th - FTC	9,250
		NYCH: Technical Assistance, FT13490 - 152 W 26th - FTC	12,500
	5/12/2021	NYCH: Technical Assistance, FT13497 - 430 Park - FTC	18,000
	5/18/2021	NYCH: Technical Assistance, FT13486 - 150 E. 57th - FTC	9,560
		NYCH: Technical Assistance, FT13500 - Lakeview Apts - FTC	11,050
		NYCH: Technical Assistance, FT13501- Highview Apts. - FTC	9,000
	5/19/2021	NYCH: Technical Assistance, FT13492 - 2405 Southern - FTC	7,300
	5/21/2021	NYCH: Technical Assistance, FT13507 - 21-10 51st - FTC	5,750
5/27/2021	NYCH: Technical Assistance, FT13499 - Glen Oaks - FTC	29,000	
	NYCH: Technical Assistance, FT13510 - 650 Park - FTC	8,750	
6/2/2021	<200KW PV, NY-Sun	55,188	
	>200KW PV, NY-Sun	23,652	
6/3/2021	<200KW PV, NY-Sun	48,510	

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Bright Power, Inc.	6/3/2021	>200KW PV, NY-Sun	20,790
	6/7/2021	NYCH: Technical Assistance, FT13511 - 400 E. 77th - FTC	9,000
	6/21/2021	NYCH: Technical Assistance, FT13529 - 321-325 E198th - FTC	10,550
	7/2/2021	<200KW PV, NY-Sun	42,735
		>200KW PV, NY-Sun	18,315
	7/6/2021	NYCH: Technical Assistance, FT13516 - 35 Marcy - FTC	6,300
	7/16/2021	Real Time Enrgy Management, Bright-41 Barker Ave-RTEM	44,892
	7/22/2021	NYCH: Technical Assistance, FT13546 - Brooklyn Gard. - FTC	8,200
	8/2/2021	NYCH: Technical Assistance, FT13622 - 42 W 58th - FTC	9,200
		Technical Services, FT13618 - 80 Broad - FTC	15,300
	8/4/2021	NYCH: Technical Assistance, FT13513 - 135 W. 106th - FTC	8,400
	8/11/2021	NYCH: Technical Assistance, FT13639 - 321 W. 44th - FTC	6,750
	8/24/2021	Real Time Enrgy Management, BrightPower-2050GrandConcou..	135,638
	8/30/2021	NYCH: Technical Assistance, FT13588 - The Aldyn - FTC	11,250
		NYCH: Technical Assistance, FT13594 -Regent Apartments-FTC	8,200
NYCH: Technical Assistance, FT13653 -40-26 College Pt- FTC		19,250	
Broadwall Management Corp.	7/21/2021	Technical Services, OsEM75-C -Broadwall Management	167,508
Broadway CDG Solar LLC	8/23/2021	>200KW PV, NY Sun	2,100,000
		NY-SUN, NY Sun	1,200,000
Broadway Terrace Associates, L.P.	6/29/2021	Multifam Performance Pgm, Multifamily	44,100
Brook Avenue Development Company	7/28/2021	Multifam Performance Pgm, Multifamily	49,700
Brooklyn SolarWorks LLC	6/15/2021	>200KW PV, PON 2112 NY SUN	12,870
Brooklyn Union Gas	4/12/2021	Technical Services, FT13320 - 8302 Ditmas - PON	14,400
		Technical Services, FT13321 - 200 Gulf - PON	9,120
Brooklyness, Inc.	6/23/2021	Pub Transit & Elect Rail, Clean Transportation	76,000
BSREP UA 3333 Broadway, LLC	6/29/2021	Multifam Performance Pgm, Multifamily	835,100
BTMI Engineering, PC	4/22/2021	OREC: Technical Support, TWO for COWI MTWG support 2021	106,900
		OREC: Technical Support, TWO for COWI Navigation Studie	249,600
Buckley Park, LLC	7/22/2021	Tech Assistanc Multifamily LMI, FT13555 - 7651 Morgan - PON	10,000
Buffalo Solar Solutions Inc	4/2/2021	<200KW PV, PON 2112 NY SUN	7,437
	4/16/2021	<200KW PV, PON 2112 NY SUN	8,330
	4/23/2021	<200KW PV, PON 2112 NY SUN	8,032
	4/27/2021	<200KW PV, PON 2112 NY SUN	8,750
	5/10/2021	<200KW PV, PON 2112 NY SUN	9,660
	5/17/2021	<200KW PV, PON 2112 NY SUN	22,460
	5/28/2021	<200KW PV, PON 2112 NY SUN	6,857
	6/3/2021	<200KW PV, PON 2112 NY SUN	5,600
	6/7/2021	<200KW PV, PON 2112 NY SUN	6,321
	6/10/2021	<200KW PV, PON 2112 NY SUN	5,040
	6/29/2021	<200KW PV, PON 2112 NY SUN	7,735
	7/8/2021	<200KW PV, PON 2112 NY SUN	8,750
	7/21/2021	<200KW PV, PON 2112 NY SUN	8,628
	7/22/2021	<200KW PV, PON 2112 NY SUN	18,837
	7/29/2021	<200KW PV, PON 2112 NY SUN	5,355
8/16/2021	<200KW PV, PON 2112 NY SUN	26,793	
8/18/2021	<200KW PV, PON 2112 NY SUN	8,750	
8/31/2021	<200KW PV, PON 2112 NY SUN	7,980	
9/10/2021	<200KW PV, PON 2112 NY SUN	232,470	
9/29/2021	<200KW PV, PON 2112 NY SUN	14,399	
Building Skills NY	9/13/2021	NYCH: Talent Ppln:CE and OJT, Career Pathway HVAC/Heat P..	618,424
Buro Happold Consulting Engineers, P.C.	4/26/2021	NYCH: Technical Assistance, FT13404 - 1333 Broadway - FTC	50,613
	8/4/2021	NYCH: Technical Assistance, FT13544 - 1350 Broadway - FTC	91,181
BVG Associates LLC	4/20/2021	REC4:CES REC4 Tech Support, IE T4	35,140
	9/28/2021	REC:CES REC System Dev Costs, TWO 4 - RESRFP21-1 TEP..	45,180
C2 Omega LLC	5/11/2021	>200KW PV, NY Sun	898,052
C.J. Brown Energy, P.C.	4/9/2021	Technical Services, FT13310 - 395 Tonawanda - FTC	7,649

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
C.J. Brown Energy, P.C.	4/9/2021	Technical Services, FT13311 - 840 Tonawanda - FTC	7,765
		Technical Services, FT13312 - 525 Oliver - FTC	7,649
	5/11/2021	Technical Services, FT13313 - 16 Alpine - FTC	7,217
	6/3/2021	Technical Services, AEAP	5,997
	7/29/2021	Technical Services, AEAP#1319 - Durow Farms	2,500
	8/13/2021	Technical Services, AEAP1299- Krehers Sunrise Farm	3,497
	8/20/2021	Technical Services, FT13508 - Town of Evans - FTC	15,642
	9/21/2021	Technical Services, AEAP#1319 - Durow Farms	3,497
	C&R Housing Inc.	4/12/2021	Talent Pipeline:CE and OJT, OJT HIRE
8/26/2021		Talent Pipeline:CE and OJT, OJT HIRE	14,400
9/23/2021		Talent Pipeline:CE and OJT, OJT HIRE	10,240
C&S Engineers, Inc.	8/19/2021	NYCH: Technical Assistance, FT13504 - 100 Park - FTC	141,500
	8/30/2021	Technical Services, FT13777 - 5 Tower - FTC	8,438
	9/27/2021	NYCH: Technical Assistance, FT13652 - 100 Woodland - FTC	7,175
Calibrant TE Development, LLC	9/21/2021	<200KW PV, NY-Sun	491,845
Canajoharie, Village of,	6/15/2021	Clean Energy Communities, Communities & Local Government	50,000
CannonDesign	7/29/2021	REV Campus Challenge, RM44 - Pace University - FTC	132,999
Canyon Engineering Solutions LLC	4/12/2021	K-12 SCHOOLS, FT13354 - 50 Wood Rd - FTC	13,609
Capital District Records Management, I..	5/14/2021	NYSERDA ADMINISTRATION, Tape/ Disk Storage, Destruction	3,943
Capital Region BOCES	8/11/2021	Talent Pipeline:CE and OJT, electric vehicles (EV)	49,953
Carahsoft Technology Corporation	4/20/2021	NYSERDA ADMINISTRATION, Salesforce Communities license	20,230
	4/30/2021	NEW YORK GREEN BANK, NYGB Cloud Content Management	39,437
	5/27/2021	NYSERDA ADMINISTRATION, Carahsoft Salesforce 10 Lic.	15,452
	8/11/2021	EVALUATION, 2021-22 Qualtrics Software	60,695
Caribou Biofuels, Inc	4/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	6,080
Carnegie Fabrics LLC	9/10/2021	Soundproofing for NYGB	19,385
Casa Pasiva, LLC	7/28/2021	Multifam Performance Pgm, Multifamily	350,000
		NYCH: LMI, Clean Heating & Cooling	440,000
Catholic Charities of the Diocese of Alb	4/8/2021	New Construction Housing, 2019 LRNCP	12,000
CDP North America Inc	5/18/2021	OTHER PROGRAM AREA, Innovation	50,000
CDS Monarch Inc	7/28/2021	New Construction Housing, 2019 LRNCP	125,000
CEC Stuyvesant Cove, Inc.	4/6/2021	NY-SUN, PON 3414 Solar for Enterprise	200,000
	8/30/2021	Clean Energy Communities, RFP4641 CECC Downstate CLEANER GREENER COMMUNITIES, RFP4641 CECC Down..	1,530,002 2,169,999
Center for Community Transportation	8/27/2021	CLEAN TRANSPORTATION, Clean Transportation	248,026
Center for Sustainable Energy	4/21/2021	OTHER PROGRAM AREA, Centralized Services & Support	117,457
Centerstate Corporation for	8/19/2021	Cleantech Incubator, PON3413 Clean Energy Incubator	380,000
CEP NY Borrower 1 LLC	9/14/2021	>200KW PV, NY-Sun C&I ESTOR:Retail Storage Incentive, NY-Sun C&I	1,049,256 3,750,000
CEP NY Borrower 1 LLC, CEP NY Seller..	4/1/2021	NY Green Bank, Convergent Energy & Power LP	104,400,000
CHA Consulting Inc.	5/24/2021	Technical Services, FT13527 - 2400 Buffalo - FTC	5,901
	6/29/2021	REV Campus Challenge, SA.051_TWO #6_EP&E APM Strategic Energy Manager, SA.051_TWO #6_EP&E APM	342,800 202,200
	8/12/2021	Technical Services, FT13773 - 2400 Buffalo - FTC	19,027
	9/1/2021	NYCH: District, PON4614 Round #1 Masonic	99,960
	9/2/2021	NYCH: District, PON4614 Round #1 City of Troy	99,995
Chelsea Grand LLC	6/15/2021	NYCH: Technical Assistance, FT13552 - 158 W 25th - PON	7,980
CIR ELECTRICAL CONSTRUCTION CORP.	4/16/2021	<200KW PV, PON 2112 NY SUN	8,750
	5/11/2021	<200KW PV, PON 2112 NY SUN	5,206
	5/12/2021	<200KW PV, PON 2112 NY SUN	5,775
	5/27/2021	<200KW PV, PON 2112 NY SUN	8,750
	6/4/2021	<200KW PV, PON 2112 NY SUN	6,174
	6/7/2021	<200KW PV, PON 2112 NY SUN	8,181
	6/14/2021	<200KW PV, PON 2112 NY SUN	7,140
	6/23/2021	<200KW PV, PON 2112 NY SUN	5,355
	6/30/2021	<200KW PV, PON 2112 NY SUN	6,694

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
CIR ELECTRICAL CONSTRUCTION CORP.	7/6/2021	<200KW PV, PON 2112 NY SUN	105,000
	7/14/2021	<200KW PV, PON 2112 NY SUN	5,117
	9/16/2021	<200KW PV, PON 2112 NY SUN	8,190
	9/17/2021	<200KW PV, PON 2112 NY SUN	6,622
	9/30/2021	<200KW PV, PON 2112 NY SUN	163
City of Gloversville	4/23/2021	Clean Energy Communities, CEC600877-City of Gloversville	100,000
City of Hudson	5/12/2021	CEC400057 City of Hudson	30,000
		Clean Energy Communities, CEC400057 City of Hudson	5,000
City of Utica	7/1/2021	Community RH&C, HeatSmart Utica LMI HP Study	100,000
		NYCH: LMI, HeatSmart Utica LMI HP Study	100,000
Clear View Solar LLC	7/19/2021	REC:CES REC Contracts, RESRFP20-1	1,578,661
CLEARResult Consulting, Inc.	4/9/2021	Community RH&C, Centralized Services & Support	24,499
	7/12/2021	ESTOR: Implementation Support, Centralized Services & Suppo..	39,600
ClearPath Energy LLC	4/7/2021	>200KW PV, NY Sun	824,932
	4/30/2021	>200KW PV, NY Sun	824,932
Clearview Consultants, LLC	7/21/2021	BR: Prospecting, TWO #1 Notice to Proceed	739,887
Climate Change & Environmental	9/2/2021	Commercial Real Estate Ten, CCES - 801 2nd Avenue	8,160
CMC Energy Services, Inc	6/29/2021	Electrification, RFP 4645 Bldg Env Roundtables	197,190
		NYCH: Supply Chain, RFP 4645 Bldg Env Roundtables	98,595
Coastal States Stewardship Foundation	7/27/2021	Environmental Research, RFQL 4550	60,000
		RFQL 4550	60,000
Code Green Solutions, Inc.	4/20/2021	NYCH: Technical Assistance, FT13434 - 383 Lafayette - FTC	31,425
	4/28/2021	NYCH: Technical Assistance, FT13452 - NYU - FTC	11,218
	5/21/2021	NYCH: Technical Assistance, FT13482 - 125 W. 55th - FTC	34,250
	6/1/2021	Technical Services, FT13495 - 524 Broadway - FTC	16,200
	6/14/2021	Technical Services, FT13514 - 240 W. 35th - FTC	19,750
	6/15/2021	NYCH: Technical Assistance, FT13503 - 2 Gansevoort - FTC	28,022
		NYCH: Technical Assistance, FT13509 - 77 Water - FTC	30,720
		NYCH: Technical Assistance, FT13522 - 767 Third - FTC	49,493
	6/21/2021	Technical Services, FT13534 - 40 Central Park S	22,250
	6/29/2021	NYCH: Technical Assistance, FT13524 - 747 Third - FTC	31,051
		Technical Services, FT13537 - 437 Madison - FTC	33,936
	7/2/2021	Technical Services, FT13523 - 777 Third - FTC	41,884
	7/23/2021	NYCH: Technical Assistance, FT13526 - 99 Gansevoort - FTC	41,000
	7/30/2021	Technical Services, FT13585 - 590 Madison - FTC	44,500
	8/10/2021	Technical Services, FT13496 - Park Ave Tower - FTC	48,250
Cohen Ventures Inc	6/8/2021	Product Standards, Task Work Order #3	500,000
	8/3/2021	Product Standards, TWO2 Emissions Appliance Stand	50,000
	9/20/2021	Code to Zero, Task Work Order #4	649,989
Columbia Property Trust Operating Partne	5/7/2021	Technical Services, FT13261 - 229 W 43rd - PON	62,450
	5/13/2021	NYCH: Technical Assistance, FT13250 - 315 Park - PON	24,765
Complex Inc	8/2/2021	76 West, 76West Clean Energy Business C	500,000
Commercial Cleaning NY Sunshine, Inc.	4/26/2021	NYSERDA ADMINISTRATION, Janitorial Cleaning NYC office	15,600
	7/22/2021	NYSERDA ADMINISTRATION, Janitorial Cleaning for NYGB	57,600
Community Access, Inc	8/5/2021	New Construction Housing, 2020 MFCNP	154,000
Community Energy Solar, LLC	4/7/2021	>200KW PV, NY Sun	825,000
Community Power Group, LLC	5/13/2021	>200KW PV, NY Sun	1,594,982
	5/24/2021	>200KW PV, NY Sun	825,000
		>200KW PV, NY-Sun	824,959
ConnectGen Cayuga County LLC- Millik..	7/26/2021	REC:CES REC Contracts, RESRFP20-1	35,375,574
ConnectGen Montgomery County LLC	7/26/2021	REC:CES REC Contracts, RESRFP20-1	26,950,453
Consolidated Edison Solutions, LLC	5/11/2021	>200KW PV, NY-Sun C&I	753,086
		NY-SUN, NY-Sun C&I	1,624,304
Consortium for Energy Efficiency, Inc.	5/11/2021	Prof & Expert Engagement, CEE Membership 2021	48,000
Constellation Energy Nuclear Group, L..	5/13/2021	ZEC:CES ZEC Payments, ZEC - Nuclear Facilities	882,542,754
Consumerbase LLC	5/3/2021	Eval MCDC Cross Cutting, Purchase Industrial email addr	14,102



**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Control Solutions Group, Inc.	9/28/2021	NYSERDA ADMINISTRATION, Building Management System (..	11,330
Conway Beam Truck Group	4/5/2021	CLEAN TRANSPORTATION, NYTVIP - LaPrairie Goup	30,258
Cord Meyer Development	6/29/2021	Technical Services, FT13556 - 108-18 Queens - PON	19,200
Cornell Cooperative Extension - Tompkins	4/27/2021	OTHER PROGRAM AREA, CEEP Central New York (CCETC)	28,763
		OTHER PROGRAM AREA, CEEP Southern Tier Region (CCE	36,518
	9/14/2021	Community Energy Engagement, CEEP Southern Tier Region (..	50,374
		OTHER PROGRAM AREA, CEEP North Country	23,108
		OTHER PROGRAM AREA, CEEP Southern Tier Region (CCE	62
	9/30/2021	Clean Energy Hub, CEEP Central New York (CCETC)	7,309
		OTHER PROGRAM AREA, CEEP Central New York (CCETC)	12,005
Cornell University	4/8/2021	Environmental Research, Cornell Climate Stewards	50,000
Cornerstone Energy Services	5/21/2021	RENEWABLE HEAT NY, Cornerstone Services - Quinn	20,979
Cortex Building Intelligence, Inc.	4/19/2021	Real Time Enrgy Management, CBI-500 Mamaroneck Ave-RTEM	17,674
	4/30/2021	Real Time Enrgy Management, CBI-10 Bank St-RTEM	12,083
	5/5/2021	Real Time Enrgy Management, CBI - 1375 Broadway - RTEM	41,897
CoStar Realty Information, Inc.	5/3/2021	Eval MCDC Cross Cutting, 2021-22 Costar Subscription Sv	22,818
Council Rock Enterprises	4/28/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,232
	5/24/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,240
	7/7/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,240
Country Suburban Heating & Air Condition	6/22/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,640
	8/4/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,640
County Cooling, Corp.	8/23/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
County Heat & AC, LLC	9/23/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	18,400
Crisafulli Bros Plumbing Heating Contr	6/9/2021	NYSERDA ADMINISTRATION, Replace CCN Gateway	10,442
Crossfield Home Energy Solutions	4/28/2021	Talent Pipeline:CE and OJT, OJT HIRE	5,120
Croton Energy Group, Inc.	5/27/2021	<200KW PV, PON 2112 NY SUN	69,685
Crown Gardens Housing Corporation	6/29/2021	Multifam Performance Pgm, Multifamily	165,200
CSG PV 1 Seller, LLC (construction loa..	6/7/2021	NY Green Bank, Energy Impact Partners	14,900,000
Cutone & Company Consultants, LLC	4/9/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,600
CVE US E12 C. Mill, LLC	9/16/2021	>200KW PV, NY-Sun	1,670,400
Cypress Creek Renewables LLC	7/6/2021	>200KW PV, NY Sun	642,946
D.K. & S Enterprises Inc	4/16/2021	REC:CES REC System Dev Costs, Barnscomb Solar groundbre..	14,067
	5/24/2021	REC:CES REC System Dev Costs, Barnscomb Solar groundbre..	850
	9/15/2021	REC:CES REC System Dev Costs, Number 3 Wind Event	21,662
	9/16/2021	>200KW PV, 3 GW Solar	16,906
Dailey Electric Inc	6/21/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,200
	7/7/2021	NYCH: Talent Ppln:CE and OJT, Workforce Dev & Train	10,800
Darling Advertising Agency Inc.	9/15/2021	OREC: Technical Support, TWO 8 GLW Marketing Support	25,000
David Davenport	7/23/2021	NEW YORK GREEN BANK, GBank Eval & Due Diligence	186,956
David Homes, Inc.	6/30/2021	New Construction Housing, NCP Housing	15,000
Day Automation Systems, Inc.	4/30/2021	Real Time Enrgy Management, Day Auto Multi	274,829
	5/7/2021	Real Time Enrgy Management, Day Auto Multi	1,044,274
		Real Time Enrgy Management, Day Auto-700 S Manlius - RTEM	97,437
		Real Time Enrgy Management, Day Auto-Multisite-RTEM	259,321
	5/21/2021	Real Time Enrgy Management, Day Auto 54 Main	215,203
		Real Time Enrgy Management, Day Auto-Multisite-RTEM	128,654
		Real Time Enrgy Management, Day-6795 NY-21-RTEM	137,844
		Real Time Enrgy Management, Day Auto-Multisite-RTEM	144,778
	7/30/2021	Real Time Enrgy Management, Day Automation-35 East Av-RT..	131,031
		Real Time Enrgy Management, Day Automation- Multi -RTEM	247,918
	8/12/2021	Real Time Enrgy Management, Day Automation-Multisite-RTEM	683,399
	8/18/2021	Real Time Enrgy Management, Day Automation-Multi Site-RTEM	400,000
		Real Time Enrgy Management, Day Automation-Multisites-RTEM	220,937
	8/19/2021	Real Time Enrgy Management, Day-Glens Falls-RTEM	491,444
9/23/2021	K-12 SCHOOLS, P12GC-54E - Elmira Heights-PON	10,695	
DealCloud Inc.	8/30/2021	NEW YORK GREEN BANK, DealCloud Licensing	11,385

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Delaware Court Apartments LLC	6/29/2021	Multifam Performance Pgm, Multifamily	36,400
	7/22/2021	Tech Assistanc Multifamily LMI, FT13494 - 3 Delaware - PON	7,500
Delaware River Solar, LLC	5/13/2021	>200KW PV, NY Sun	387,750
	5/24/2021	>200KW PV, NY Sun	1,406,473
Dell, Inc.	4/14/2021	OTHER PROGRAM AREA, DEC collaboration equipment	13,827
	4/26/2021	NYSERDA ADMINISTRATION, 50 Wyse 3040 no wifi and WMS	17,367
	5/4/2021	NYSERDA ADMINISTRATION, Wyse Management Suite 3 yr	11,889
	5/13/2021	NYSERDA ADMINISTRATION, Azure / Checkpoint - 3 years	44,676
Deloitte Consulting LLP	9/28/2021	IEDR: Program Manager, IEDR Program Manager RFP CM	4,970,902
Delta Connects, Inc.	5/5/2021	Real Time Enrgy Management, Delta - 1930 Broadway - RTEM	42,600
DG New York CS, LLC	5/24/2021	>200KW PV, NY Sun	823,302
Digital Realty Trust	6/29/2021	Technical Services, FT13550 - JFK Data - PON	55,000
Dillon Klepetar	6/9/2021	Advancing Ag Enrgy Technologie, Advancing Ag Energy Tech P..	5,772
Distributed Solar Development, LLC	5/10/2021	>200KW PV, NY Sun	1,785,662
DMV EQUITY, INC.	5/17/2021	<200KW PV, PON 2112 NY SUN	16,128
DNV Energy Insights USA Inc.	4/28/2021	Clean Energy Communities, TWO 9 - CEC	235,543
	7/7/2021	Commercial Real Estate Ten, TWO 8 CEF Comm Impact_DNV	175,150
		Real Time Enrgy Management, TWO 8 CEF Comm Impact_DNV	38,304
	7/13/2021	Commercial New Construc, TWO 2 - New Construction Eval	485,722
		Eval MCDC New Const Commercial, TWO 2 - New Constructio..	350,000
		Eval MCDC New Const Multifamil, TWO 2 - New Construction E..	250,000
		Eval MCDC New Const Residentia, TWO 2 - New Construction ..	250,000
		EVALUATION, TWO 1 - WFD BLDG/Talent	250,000
		Low Rise New Construction, TWO 2 - New Construction Eval	335,722
		Multifam New Construction, TWO 2 - New Construction Eval	335,722
		Talent Pipeline:CE and OJT, TWO 1 - WFD BLDG/Talent	357,487
		Workforce Industry Partnership, TWO 1 - WFD BLDG/Talent	494,134
		7/14/2021	Eval MCDC: StatewideHP Tech.St, TWO 1 Statewide EMV Stud..
	7/15/2021	Combined Heat and Power, TWO 1 On Site Res Power	318,205
	7/16/2021	Air Source Heat Pumps, TWO 6 - Performance Monitoring	122,468
		CI Carbon Challenge, CICC1904 - IBM Corporation	64,675
		Combined Heat and Power, RFP 3643 Tech To Market	265,558
		Commercial New Construc, New Construction	10,000
		Commercial Real Estate Ten, TWO 5 CEF Comm Impact_ERS	158,773
		EVALUATION, TWO 6 - Performance Monitoring	10,230
		Geothermal Incentive Program, TWO 6 - Performance Monitoring	209,795
		Industrial Process Effic, IPE16248	7,160
		Industrial Process Effic, Technical Review and Program	9,691
		K-12 SCHOOLS, TWO 5 CEF Comm Impact_ERS	187
		New Construction- Commercial, Commercial New Construction	39,260
		NYCH: Technical Assistance, Westchester Tech Services	193,906
		Pay for Performance, TWO 4 - P4P Event Evaluation	208,966
		Real Time Enrgy Management, TWO 5 CEF Comm Impact_ERS	250,515
		REV Campus Challenge, Efficiency Planning & Engineer	196,618
		REV Campus Challenge, TWO 5 CEF Comm Impact_ERS	104,821
		Rmve Barriers Dist Enrgy Storg, FT Energy Storage ERS - TWO	25,000
		Rmve Barriers Dist Enrgy Storg, RFP 3407 Categories 2 & 3A	599,473
	Technical Services, AEAP	5,939	
	Technical Services, Cannabis - TWO - ERS	27,828	
Technical Services, Efficiency Planning & Engineer	63,732		
Technical Services, FT13150 - 1101 Kitchawan - FTC	13,301		
Technical Services, FT13163 - 650 Brush Ave - FTC	22,554		
Technical Services, FT13281 - 18-1 Steinway - FTC	34,984		
Technical Services, FT13461 - Sheraton - FTC	14,000		
Technical Services, Westchester Tech Services	169,493		
7/19/2021	Campus/Technical Assistance, Concierge Services - ERS - TWO	3,783	

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

Contractor	Date Encumbered	Contract Description	Total Contract Amount
DNV Energy Insights USA Inc.	7/19/2021	Electric Vehicles - Innovation, Concierge Services - ERS - TWO	23,884
		Industrial Process Effic, Concierge Services - ERS - TWO	23,272
		Multifam Performance Pgm, Concierge Services - ERS - TWO	23,884
		NYCH: District, Concierge Services - ERS - TWO	100,000
		On-Site Energy Manager, Concierge Services - ERS - TWO	23,709
		Real Time Enrgy Management, Concierge Services - ERS - TWO	47,836
		Technical Services, Concierge Services - ERS - TWO	47,836
DNV GL Energy Services USA Inc.	6/23/2021	TWO #3	64,391
Do-It-With Inc.	8/4/2021	>200KW PV, PON 2112 NY SUN	44,398
	9/2/2021	>200KW PV, PON 2112 NY SUN	88,004
Doherty Electric, LLC	6/9/2021	<200KW PV, PON 2112 NY SUN	7,735
	8/16/2021	<200KW PV, PON 2112 NY SUN	39,270
Dolan Solar, LLC	8/18/2021	REC:CES REC Contracts, RESRFP20-1	11,925,158
Dual Fuel Corp	5/3/2021	Real Time Enrgy Management, Dual Fuel-Multisite-RTEM	16,060
	5/14/2021	Real Time Enrgy Management, Dual - multisites - RTEM	104,820
		Real Time Enrgy Management, Dual Fuel-2083 Mohegan Av-R..	4,720
	6/11/2021	Real Time Enrgy Management, Dual Fuel-2088 Mohegan-RTEM	4,080
	6/17/2021	Real Time Enrgy Management, DF-320 East 58th St-RTEM	4,980
	6/28/2021	Real Time Enrgy Management, DF-221 Linden-RTEM	6,570
	7/15/2021	Real Time Enrgy Management, Dual Fuel-2090 Mohegan-RTEM	5,850
	8/11/2021	Real Time Enrgy Management, DF-61-05 39th Ave-RTEM	42,840
		Real Time Enrgy Management, Dual - 333 E 43rd - RTEM	65,340
	8/24/2021	Real Time Enrgy Management, Dual Fuel-607 West End Ave	7,050
	9/1/2021	Real Time Enrgy Management, DualFuel-325 Central Pk W-RT..	23,680
	9/3/2021	Real Time Enrgy Management, Dual Fuel-2083 Mohegan Av-R..	4,480
		Real Time Enrgy Management, Dual Fuel-2088 Mohegan-RTEM	5,120
		Real Time Enrgy Management, Dual Fuel-Multisite-RTEM	14,620
		9/23/2021	Real Time Enrgy Management, DF-221 Linden-RTEM
		Real Time Enrgy Management, DF-320 East 58th St-RTEM	3,210
Dunsky Energy Consulting	8/2/2021	NEW YORK GREEN BANK, NYGB Financial Market Transfor	556,510
DVM Industries	5/4/2021	Talent Pipeline:CE and OJT, OJT HIRE	20,480
Dynamo Energy Hub	4/19/2021	Cleantech ICC Engage, Dynamo	49,000
E-Mobility Market Services, Inc.	5/28/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,240
	6/2/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,240
East Harlem Pilot Block HDFC	6/29/2021	Multifam Performance Pgm, Multifamily	459,200
East House Corporation	9/7/2021	Multifam New Construction, New Construction	6,000
East West General Construction	8/26/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	15,360
Eastern Research Group, Inc.	4/28/2021	EVPRZ:Implementation, Clean Transportation	746,985
	4/29/2021	ENERGY ANALYSIS, TWO #1 CLCPA GHG	74,998
Ebenezer Plaza Owner LLC	8/20/2021	New Construction Housing, NCP Housing	200,000
EC Infosystems, Inc.	6/22/2021	EDI Vendor, EC Infosys - EDI Processing	46,000
Ecogy New York X LLC	6/29/2021	>200KW PV, NY-Sun	383,853
Ecogy New York XII LLC	5/10/2021	>200KW PV, NY-Sun	85,140
Ecogy New York XIV LLC	7/27/2021	>200KW PV, NY-Sun	468,413
Ecosave, Inc.	9/20/2021	NYCH: District, PON 4614 Round #1 Coney Island	1,621,019
Ecosystem Energy Services USA Inc.	4/6/2021	Empire Building Challenge, EBC Tech Advisory - Ecosystem	25,000
		NYCH: Empire Build Challenge, EBC Tech Advisory - Ecosystem	25,000
Eden Devco Borrower, LLC	7/15/2021	NY Green Bank, EdenDevco Upsize 4	1,500,000
Eden Renewables, LLC	7/14/2021	>200KW PV, NY Sun	824,300
Edison Energy, LLC	5/12/2021	Technical Services, FT13505 - 55 John - FTC	19,845
Efficiency Forward, Inc.	7/8/2021	Prof & Expert Engagement, DesignLights Consortium 2021	10,000
Eiger 3970 Consultants Inc.	4/1/2021	<200KW PV, PON 2112 NY SUN	5,082
	4/28/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,600
	5/3/2021	<200KW PV, PON 2112 NY SUN	7,616
	5/10/2021	<200KW PV, PON 2112 NY SUN	13,797
	7/13/2021	<200KW PV, PON 2112 NY SUN	487

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Eiger 3970 Consultants Inc.	7/20/2021	<200KW PV, PON 2112 NY SUN	6,734
	7/26/2021	<200KW PV, PON 2112 NY SUN	5,355
Electric Power Research Institute	5/7/2021	High Performing Grid, Coordinating Trans & Distrib	400,000
Elisa Miller-Out	4/16/2021	Innovation Advisors, RFP 3859	150,000
Ember Strategies, LLC	4/6/2021	Empire Building Challenge, EBC Strategic	25,000
		NYCH: Empire Build Challenge, EBC Strategic	25,000
EMCOR Services Betlem	9/15/2021	Technical Services, FT13851 - 755 Jefferson - FTC	29,945
	9/16/2021	Technical Services, FT13760 - 150 State - FTC	18,243
EME Consulting Engineering Group, LLC	4/1/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,693
	4/16/2021	K-12 SCHOOLS, SA.036c_TWO #8 - EP&E	87,271
		Strategic Energy Manager, SA.036c_TWO #8 - EP&E	500,000
	4/21/2021	NYCH: Technical Assistance, FT13451 - Bryant Arms - FTC	13,500
	4/22/2021	NYCH: Technical Assistance, FT13449 - Broadway - FTC	8,750
	4/28/2021	Talent Pipeline:CE and OJT, OJT HIRE	17,693
	5/3/2021	NYCH: Technical Assistance, FT13416 - Crown Gardens - FTC	14,715
		NYCH: Technical Assistance, FT13417 - 2nd Atlantic - FTC	16,325
		NYCH: Technical Assistance, FT13421 - Tower Gardens - FTC	13,225
	5/3/2021	NYCH: Technical Assistance, FT13444 - Kornegay - FTC	7,825
		NYCH: Technical Assistance, FT13445 - Dinkins - FTC	7,825
		NYCH: Technical Assistance, FT13446 - Faile - FTC	7,825
	5/3/2021	NYCH: Technical Assistance, FT13447 - Frindlay House - FTC	14,150
		NYCH: Technical Assistance, FT13448 - Woodstock - FTC	17,250
	5/10/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,240
	5/14/2021	Technical Services, FT13528 - One Park - FTC	12,585
	5/19/2021	SA.076_TWO# 14_FS BA	356,175
		Talent Pipeline:CE and OJT, OJT HIRE	5,243
	5/27/2021	NYCH: Technical Assistance, FT13517 - Lafayette - FTC	30,000
		NYCH: Technical Assistance, FT13518 - 275 South - FTC	15,000
		NYCH: Technical Assistance, FT13519 - Henry Hudson - FTC	10,000
		NYCH: Technical Assistance, FT13520 - 249 Thomas S. - FTC	27,500
	6/30/2021	Real Time Enrgy Management, FlexTech Consultant Pool	175,000
	7/30/2021	Commercial New Construc, SA.038A_TWO #7 - New Con	99,398
		New Construction Housing, SA.038A_TWO #7 - New Con	430,723
		New Construction- Commercial, SA.038A_TWO #7 - New Con	132,530
	8/2/2021	Technical Services, FT13649 - 301 E. 17th - FTC	37,250
8/4/2021	K-12 SCHOOLS, SA.052_TWO #9 - EP&E	248,435	
	REV Campus Challenge, SA.052_TWO #9 - EP&E	8,565	
	Strategic Energy Manager, SA.052_TWO #9 - EP&E	150,000	
8/31/2021	Technical Services, EPE Team Analysis - EME TWO	50,000	
9/13/2021	Retrofit NY, SA.057_TWO #11 - Multifamily	200,000	
9/23/2021	Technical Services, FT13784 - 550 First - FTC	250,000	
9/27/2021	Tech Assistanc Multifamily LMI, FT13559 - Victory One - FTC	8,000	
	Tech Assistanc Multifamily LMI, FT13560 - Gouverneur - FTC	28,000	
	Tech Assistanc Multifamily LMI, FT13561 - Riverbend - FTC	25,000	
	Tech Assistanc Multifamily LMI, FT13562 - Oak Drive - FTC	7,825	
	Tech Assistanc Multifamily LMI, FT13563 - Riverview - FTC	22,500	
	Tech Assistanc Multifamily LMI, FT13564 - Vincent Cyrus - FTC	7,825	
	Tech Assistanc Multifamily LMI, FT13734 - 1512 Boone - FTC	18,250	
	Tech Assistanc Multifamily LMI, FT13735 - 1524 Boone - FTC	9,400	
	Tech Assistanc Multifamily LMI, FT13736 - 1544 Boone - FTC	12,375	
	Tech Assistanc Multifamily LMI, FT13737 - 1544 Boone - FTC	12,375	
9/28/2021	Tech Assistanc Multifamily LMI, FT13727 - 50 W. 131st - FTC	8,500	
	Tech Assistanc Multifamily LMI, FT13728 - 141 W. 117th - FTC	8,850	
	Tech Assistanc Multifamily LMI, FT13729 - 101 W. 138th - FTC	7,800	
	Tech Assistanc Multifamily LMI, FT13730 - 363 Brooklyn - FTC	12,375	
	Tech Assistanc Multifamily LMI, FT13731 - 45 N. Elliot - FTC	12,375	
9/28/2021	Tech Assistanc Multifamily LMI, FT13732 - 405 Williams - FTC	12,375	

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount	
EME Consulting Engineering Group, LLC	9/28/2021	Tech Assistanc Multifamily LMI, FT13733 - 4260 Katonah - FTC	8,500	
		Tech Assistanc Multifamily LMI, FT13737 - 1903 West Farm - F..	13,225	
		Tech Assistanc Multifamily LMI, FT13738 - 1945 3rd - FTC	32,500	
Emergent Urban Concepts, LLC	6/11/2021	Empire Building Challenge, Support for Empire Building Ch	75,000	
		NYCH: Empire Build Challenge, Support for Empire Building Ch	175,000	
Empire Solar Solutions LLC	4/29/2021	<200KW PV, PON 2112 NY SUN	5,117	
	5/10/2021	<200KW PV, PON 2112 NY SUN	6,388	
	5/17/2021	<200KW PV, PON 2112 NY SUN	8,750	
	6/3/2021	<200KW PV, PON 2112 NY SUN	5,040	
	6/16/2021	<200KW PV, PON 2112 NY SUN	5,950	
	7/16/2021	<200KW PV, PON 2112 NY SUN	7,140	
	7/26/2021	<200KW PV, PON 2112 NY SUN	8,750	
	7/30/2021	<200KW PV, PON 2112 NY SUN	5,600	
	8/10/2021	<200KW PV, PON 2112 NY SUN	8,677	
	8/16/2021	<200KW PV, PON 2112 NY SUN	14,004	
	8/19/2021	<200KW PV, PON 2112 NY SUN	5,569	
	8/20/2021	<200KW PV, PON 2112 NY SUN	11,410	
	8/30/2021	<200KW PV, PON 2112 NY SUN	12,145	
	8/31/2021	<200KW PV, PON 2112 NY SUN	14,634	
	9/1/2021	<200KW PV, PON 2112 NY SUN	6,069	
	9/16/2021	<200KW PV, PON 2112 NY SUN	5,180	
9/28/2021	<200KW PV, PON 2112 NY SUN	5,180		
9/29/2021	<200KW PV, PON 2112 NY SUN	6,346		
Empire State Realty Trust, Inc.	8/18/2021	Empire Building Challenge, EBC-Phase I-ESRT	125,000	
		NYCH: Empire Build Challenge, EBC-Phase I-ESRT	125,000	
Employee Leasing of Greater NY	9/10/2021	NEW YORK GREEN BANK, TS.024_NYGB_Database Admin	29,250	
Empower CES, LLC	4/7/2021	ENERGY STORAGE, PON 2112 NY SUN	18,750	
	4/8/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500	
	4/9/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500	
	4/20/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250	
	5/3/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250	
	5/10/2021	ENERGY STORAGE, PON 2112 NY SUN	18,750	
	5/21/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250	
	5/24/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250	
	5/27/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500	
	5/28/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250	
	6/1/2021	COMMUNITY SOLAR, PON 2112 NY SUN	5,760	
	6/11/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500	
	6/16/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250	
	6/18/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500	
	6/25/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500	
	7/1/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250	
	7/7/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250	
	7/9/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500	
	7/14/2021	ENERGY STORAGE, PON 2112 NY SUN	18,750	
7/20/2021	>200KW PV, PON 2112 NY SUN	5,940		
Endurant Energy LLC	9/23/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240	
Enercon Services Inc	4/27/2021	WEST VALLEY DEVELOPMENT PROGRAM, RFP 3305 Licenc..	30,000	
Energy & Resource Solutions, Inc.	4/6/2021	Commercial New Construc, TWO 2 - New Construction Eval	485,722	
		Eval MCDC New Const Commercial, TWO 2 - New Constructio..	350,000	
		Eval MCDC New Const Multifamil, TWO 2 - New Construction E..	250,000	
		Eval MCDC New Const Residentia, TWO 2 - New Construction ..	250,000	
		Low Rise New Construction, TWO 2 - New Construction Eval	335,722	
		Multifam New Construction, TWO 2 - New Construction Eval	335,722	
		5/3/2021	Technical Services, FT13461 - Sheraton - FTC	14,000
		6/15/2021	Technical Services, FT13281 - 18-1 Steinway - FTC	6,071

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Energy & Resource Solutions, Inc.	6/25/2021	Real Time Enrgy Management, TWO 5 CEF Comm Impact_ERS	170,595
	6/29/2021	Combined Heat and Power, TWO 1 On Site Res Power	180,000
Energy and Environmental Economics Inc.	4/8/2021	NYCH: Roadmap, TWO#22 Bldg. Elec. Roadmap	150,000
	5/7/2021	ENERGY ANALYSIS, TWO #28 BEEM Tool & Scenarios	325,000
		Product Standards, TWO #28 BEEM Tool & Scenarios	100,000
	5/17/2021	ENERGY ANALYSIS, TWO#23 CLCPA Techno-Economic	197,995
		ENVIRONMENTAL RESEARCH, TWO#23 CLCPA Techno-Eco..	190,933
5/25/2021	New Construction Housing, TWO 20 NZE Road Map - 2019	25,000	
Energy Conservation & Supply, Inc.	6/29/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,000
		Talent Pipeline:CE and OJT, Workforce Dev & Train	10,000
	7/7/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,000
	9/23/2021	WORKFORCE DEVELOPMENT, OJT HIRE	10,240
Energy Management Solutions, LLC	4/21/2021	Talent Pipeline:CE and OJT, OJT HIRE	5,760
Energy Savers Inc	6/30/2021	Talent Pipeline:CE and OJT, OJT HIRE	5,440
	9/9/2021	Talent Pipeline:CE and OJT, OJT HIRE	5,120
Energy Saving Solutions, LLC	5/18/2021	Renewable Heat NY, Energy Saving Solutions- Scott	12,000
Energy Technology Savings, Inc.	4/5/2021	Real Time Enrgy Management, ETS - 70 Pine St - RTEM	40,580
		Real Time Enrgy Management, ETS - 525 W52nd St - RTEM	30,861
Enertiv Inc.	4/28/2021	Real Time Enrgy Management, Enertiv-101 Greenwich-RTEM	29,843
		Talent Pipeline:CE and OJT, OJT HIRE	10,240
	5/6/2021	Real Time Enrgy Management, Enertiv-20 Exchange-RTEM	72,594
Enica Engineering, PLLC	4/15/2021	REV Campus Challenge, FT13436 - 410 W. 118th - FTC	76,255
Ensave, Inc.	9/16/2021	Technical Services, CEA Db&Benchmark Tool Creation	29,388
EnterSolar LLC	4/8/2021	>200KW PV, PON 2112 NY SUN	190,103
	9/2/2021	>200KW PV, PON 2112 NY SUN	184,002
	9/9/2021	>200KW PV, PON 2112 NY SUN	170,352
EONY Generation Limited	7/19/2021	REC2:CES REC2 Contracts, T2RFP21-1_MooseRiver Hydro	1,281,528
ePlus inc	4/1/2021	VDI Horizon Hardware / Service	15,219
	4/26/2021	NYSERDA ADMINISTRATION, Manage Engine Desk Top Cent..	15,208
	5/21/2021	NYSERDA ADMINISTRATION, VEEAM License Renewal - 1 yr	8,894
	6/10/2021	NYSERDA ADMINISTRATION, VMWare Workspace One licens..	13,978
	9/17/2021	NYSERDA ADMINISTRATION, EPlus - wireless migration	6,472
	9/23/2021	ePLUS - HPE Smart Array	12,847
Erdman Anthony & Associates, Inc.	4/13/2021	Real Time Enrgy Management, Erdman-SUNY Oneonta-RTEM	8,656
		Real Time Enrgy Management, Erdman-SUNY Polytech-RTEM	9,356
	5/3/2021	Technical Services, Ft13435 - 165 Court - FTC	95,858
	7/6/2021	NYCH: Technical Assistance, FT13533 - City of Rochester	65,368
Erie Boulevard Hydropower LP	7/28/2021	REC2:CES REC2 Contracts, T2RFP21-1_Baldwinsville	59,785
		REC2:CES REC2 Contracts, T2RFP21-1_Talcville	97,800
Erie Wind LLC	4/6/2021	LARGE SCALE RENEWABLES, Steel Winds II (RFP1851)	1,486,780
ESNY-IN-BRUCKNER LLC	4/22/2021	>200KW PV, NY-Sun	925,760
ESNY-RT-ELMSFORD, LLC	7/16/2021	>200KW PV, NY-Sun	738,730
ESRI, Incorporated	7/28/2021	NYSERDA ADMINISTRATION, ArcGIS Desktop and Spatial 1yr	22,200
EVERGREEN ENERGY	4/27/2021	>200KW PV, PON 2112 NY SUN	90,000
	9/22/2021	>200KW PV, PON 2112 NY SUN	42,976
Exelon Generation Company, LLC	5/13/2021	ZEC:CES ZEC Payments, ZEC Nuclear Facilities	298,402,926
Extraterrestrial Materials Inc.	4/1/2021	<200KW PV, PON 2112 NY SUN	6,027
	5/5/2021	<200KW PV, PON 2112 NY SUN	7,616
	5/6/2021	<200KW PV, PON 2112 NY SUN	14,280
	6/25/2021	<200KW PV, PON 2112 NY SUN	8,330
	7/29/2021	<200KW PV, PON 2112 NY SUN	19,782
	9/1/2021	<200KW PV, PON 2112 NY SUN	5,418
	9/21/2021	<200KW PV, PON 2112 NY SUN	6,020
	9/23/2021	<200KW PV, PON 2112 NY SUN	5,418
	9/24/2021	<200KW PV, PON 2112 NY SUN	5,474

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Faile Street HDFC	6/29/2021	Multifam Performance Pgm, Multifamily	54,600
Faraday, Inc.	8/9/2021	Community RH&C, RFP3761 Customer Targeting Too	120,000
		NYCH: Comfort Home, RFP3761 Customer Targeting Too	15,000
		NYCH: Supply Chain, RFP3761 Customer Targeting Too	15,000
Feedback Solutions Inc.	4/20/2021	NYCH: Innovation, Real-Time Occupancy based	45,000
FFP NY ELBA PROJECT1 LLC	5/13/2021	>200KW PV, NY Sun	795,663
FFP NY Rome Project1, LLC	4/1/2021	>200KW PV, NY-Sun Payee Assignment	1,049,963
Ficazzola Consulting, LLC	9/1/2021	<200KW PV, NY-Sun	5,000
Fifth Avenue Committee, Inc.	4/29/2021	NY-SUN, FAC Solar	188,185
Fifth Lenox Terrace Associates LLC	5/11/2021	Multifam Performance Pgm, Multifamily	196,700
Findlay Houses LP	6/29/2021	Multifam Performance Pgm, Multifamily	161,000
Fingerlakes Renewables	8/19/2021	<200KW PV, PON 2112 NY SUN	8,750
First Colonie Company	6/2/2021	Strategic Energy Manager, SEM Cohort Meeting 2021	6,500
First Lenox Terrace Associates LLC	5/11/2021	Multifam Performance Pgm, Multifamily	199,500
Florenton River LLC	6/23/2021	<200KW PV, PON 2112 NY SUN	238
Foam It Insulation, LLC	5/27/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,200
	6/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	12,960
	7/7/2021	Talent Pipeline:CE and OJT, OJT HIRE	6,720
	8/23/2021	Talent Pipeline:CE and OJT, OJT Hire	7,200
	8/25/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,200
	8/26/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,200
Folor, Inc	4/26/2021	NYSERDA ADMINISTRATION, Headers for Security doors	20,504
Forbes-Capretto Homes	8/4/2021	Single Family New Construction, NCP Housing	22,200
Fourth Coast, Inc.	4/20/2021	<200KW PV, PON 2112 NY SUN	6,337
	5/17/2021	<200KW PV, PON 2112 NY SUN	5,219
	5/27/2021	<200KW PV, PON 2112 NY SUN	6,958
	6/4/2021	<200KW PV, PON 2112 NY SUN	16,370
Fourth Lenox Terrace Associates LLC	5/11/2021	Multifam Performance Pgm, Multifamily	198,100
Fred F. Collis & Sons, Inc.	4/12/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	7/22/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	14,400
	7/29/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,640
	8/10/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	15,360
	8/17/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,640
	9/23/2021	Talent Pipeline:CE and OJT, OJT HIRE	5,760
Frederick A Proven	6/7/2021	<200KW PV, PON 2112 NY SUN	5,198
Freepoint Solar LLC	9/14/2021	>200KW PV, NY Sun	1,055,126
Frontier Energy, Inc.	4/9/2021	Home Perf w Energy Star, TWO#1: Inspection (GSHP)	50,000
	4/30/2021	Home Perf w Energy Star, TWO #2 QA TA GSHP MPP	50,000
Fusco Personnel, Inc.	4/1/2021	Cleantech ICC Engage, TS.020_TBI_Coordinator	23,400
		Energy Storage Tech/Prod Dev, TS.020_TBI_Coordinator	23,400
		High Performing Grid, TS.020_TBI_Coordinator	23,400
		NYCH: Innovation, TS.020_TBI_Coordinator	23,400
		Pub Transit & Elect Rail, TS.020_TBI_Coordinator	23,400
	6/14/2021	REC:CES REC System Dev Costs, TS.007/TS.016 - Office Adm..	26,000
Fusion Energy Services LLC	6/11/2021	<200KW PV, PON 2112 NY SUN	8,750
	7/1/2021	<200KW PV, PON 2112 NY SUN	126
	7/8/2021	<200KW PV, PON 2112 NY SUN	5,023
	9/9/2021	<200KW PV, NY-Sun	13,120
G&S Operations LLC	4/2/2021	>200KW PV, PON 2112 NY SUN	103,545
	4/5/2021	>200KW PV, PON 2112 NY SUN	78,624
	4/21/2021	>200KW PV, PON 2112 NY SUN	221,715
	6/3/2021	>200KW PV, PON 2112 NY SUN	354,744
	6/16/2021	>200KW PV, PON 2112 NY SUN	51,000
	6/29/2021	>200KW PV, PON 2112 NY SUN	76,986
	7/6/2021	>200KW PV, PON 2112 NY SUN	191,040
7/20/2021	>200KW PV, PON 2112 NY SUN	191,646	

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
G&S Operations LLC	7/29/2021	>200KW PV, PON 2112 NY SUN	14,337
	8/4/2021	>200KW PV, PON 2112 NY SUN	3,172,400
GCOM Software LLC	8/9/2021	NYSERDA ADMINISTRATION, Salesforce	1,700,000
GDS Associates, Inc.	4/30/2021	Technical Services, Agricultural Best Practices	5,000
General Electric Co. Global Research	4/13/2021	Nat'l OffShWind R&D Consortium, Natl Offshore Wind R&D	548,078
		Natl Offshore Wind R&D	548,078
General Electric International, Inc.	7/21/2021	High Performing Grid, Grid Performance Gaps	745,000
Generate Capital Inc.	7/23/2021	<200KW PV, NY-Sun	55,814
Generate-CDG Fuel Cell I MM, LLC (ter..	4/27/2021	NY Green Bank, Edgewise Energy	82,700,000
Genesis Housing Development Corpora..	9/13/2021	New Construction Housing, NCP Housing	60,000
George E Denmark II	4/16/2021	<200KW PV, PON 2112 NY SUN	2,772
	6/17/2021	<200KW PV, PON 2112 NY SUN	5,198
Geotherm Inc.	9/23/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,680
GI Endurant LLC	7/28/2021	NYCH: District, PON 4614 Round #1	86,330
	8/19/2021	NYCH: District, PON4614 Round #1 The Peninsula	73,200
	8/24/2021	NYCH: District, PON4614 Round #1 Pratt Landing	98,650
	9/3/2021	NYCH: District, PON4614 Rnd #1 Innovation QNS	98,125
Gloversville Community Solar LLC	9/2/2021	>200KW PV, NY Sun C&I Assignment	2,058,210
Goldman Copeland Associates, P.C.	4/5/2021	Commercial Real Estate Ten, GCA-420 Lexington Ave	245,000
	4/22/2021	NYCH: Technical Assistance, FT13474 - 750 3rd Ave - FTC	20,978
	5/10/2021	Technical Services, FT13468 - Vornado - 330 W 34th	5,996
	5/13/2021	Technical Services, FT13469 - 7 W. 34th - FTC	5,970
	5/21/2021	Technical Services, FT13506 - 330 Madison - FTC	10,495
		Technical Services, FT13535 - Heavenly Rest - FTC	12,996
	7/30/2021	Technical Services, FT13611 - 145 W 44th - FTC	13,492
	8/2/2021	Technical Services, FT13630 - 575 Madison - FTC	14,996
	8/4/2021	Technical Services, FT13521 - 590 5th - FTC	11,000
	8/26/2021	NYCH: Technical Assistance, FT13750 - 20 Old Post - FTC	29,000
	9/13/2021	Technical Services, FT13806 - 9901 Shore - FTC	9,995
GPH Shelter Manager LLC & Masp..	8/3/2021	NY Green Bank, NYCEEC Predevelopment Participation	2,500,000
Great Oaks 150, LLC	9/21/2021	New Construction Housing, NCP Housing	240,000
Gree Mechanical Services USA Corp	5/11/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,240
	8/17/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
Green Home Logic, Inc.	8/23/2021	WORKFORCE DEVELOPMENT, OJT HIRE	12,000
	8/26/2021	WORKFORCE DEVELOPMENT, OJT Hire Ferrara	8,000
Green Hybrid Energy Solutions Inc.	4/22/2021	>200KW PV, PON 2112 NY SUN	21,675
	4/27/2021	>200KW PV, PON 2112 NY SUN	111,150
	6/8/2021	>200KW PV, PON 2112 NY SUN	9,690
Green Light New York, Inc.	5/12/2021	Prof & Expert Engagement, 2021 BEE Membership	50,000
	6/10/2021	New Construction Housing, Gallery talks/Outreach 2021	40,000
		New Construction- Commercial, Gallery talks/Outreach 2021	10,000
Green Team USA, LLC	4/21/2021	WORKFORCE DEVELOPMENT, OJT HIRE	9,600
	5/10/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	15,360
	5/14/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,160
	7/22/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	8/23/2021	WORKFORCE DEVELOPMENT, OJT Hire	13,680
Green Visions Solar LLC	9/22/2021	<200KW PV, NY-Sun	7,728
GreenLogic, LLC	6/2/2021	ENERGY STORAGE, PON 2112 NY SUN	43,750
	6/8/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/10/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
Greenologists	6/25/2021	Multifam Performance Pgm, Multifamily	50,600
Greenwich Club Residences	4/22/2021	NYCH: Technical Assistance, FT13428 - 88 Greenwich - PON	39,700
Grid City Electric Corp	5/11/2021	>200KW PV, PON 2112 NY SUN	10,073
GridEdge Networks, Inc.	7/21/2021	High Performing Grid, Power Grid Innovation	595,324
Groundswell, Inc.	7/20/2021	NY-SUN, PON 3414 - Rochester Clarissa	82,500
	7/26/2021	NY-SUN, PON 3414 Exchange St Rochester	180,000



## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Groundwork Hudson Valley	6/10/2021	NY-SUN, PON 3414 - SW Yonkers Outreach	130,000
Group-S LLC	4/8/2021	Technical Services, FT13453 - 225 Broadway - FTC	28,350
	4/16/2021	NYCH: Technical Assistance, FT13431 - 75 Broad - FTC	21,500
	5/10/2021	NYCH: Technical Assistance, FT13458 - 625 Main - FTC	18,050
		Tech Assistanc Multifamily LMI, FT13323 - 98 Co-Op City - FTC	185,000
	5/14/2021	Real Time Enrgy Management, En-Power-305 E 40 St-RTEM	26,824
	6/21/2021	NYCH: Technical Assistance, FT13485 - 200 W. 79th - FTC	12,900
	6/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,520
	6/25/2021	Multifam Performance Pgm, Multifamily	252,700
		NYCH: LMI, Clean Heating & Cooling	1,263,500
	7/6/2021	NYCH: Technical Assistance, FT13531 - 370 E. 76th - FTC	13,500
	7/8/2021	Real Time Enrgy Management, Group S-35 E 85th-RTEM	35,530
	7/20/2021	Real Time Enrgy Management, En-Power-200 Bennett Ave-RT..	10,380
	7/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,144
	7/29/2021	NYCH: Technical Assistance, FT13491 - 170 West End - FTC	25,000
	8/19/2021	NYCH: Technical Assistance, FT13583 - 135 W 70th - FTC	16,125
	8/25/2021	NYCH: Technical Assistance, FT13768 - 41 East Post - FTC	15,500
	8/30/2021	NYCH: Technical Assistance, FT13635 - 1 Grand Army - FTC	28,000
		NYCH: Technical Assistance, FT13645 - 235 W. 48th - FTC	14,500
	9/1/2021	Technical Services, FT13752 - 560 W. 42nd - FTC	10,250
	9/16/2021	Real Time Enrgy Management, En-Power Group-1 Grand Army ..	43,260
	9/28/2021	NYCH: Technical Assistance, FT13582 - 675 Lincoln - FTC	55,500
Guidehouse Inc.	5/3/2021	NYCH: LMI, TWO 5	133,200
	6/21/2021	NEW YORK GREEN BANK, TWO #1 - Price Forecast	200,000
	6/29/2021	NYCH: LMI, TWO 5	84,200
	7/2/2021	ENVIRONMENTAL RESEARCH, TWO #3 HFC Mitigation	15,000
Guth Deconzo Consulting Engineers	7/26/2021	Technical Services, FT13631 - Menorah Center - FTC	18,500
GZA GeoEnvironmental of New York	7/23/2021	WEST VALLEY DEVELOPMENT PROGRAM, Trench 14 Investi..	67,650
Habitat Net Zero LLC	9/7/2021	Low Rise New Construction, 2019 LRNCP	12,600
Halcyon, Inc.	4/8/2021	<200KW PV, NY-Sun	8,976
	4/22/2021	NYCH: Talent Ppln:CE and OJT, OJT Hire	12,960
	5/14/2021	Talent Pipeline:CE and OJT, OJT HIRE	12,960
	5/19/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,600
	5/24/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,600
	6/7/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	27,360
	6/15/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	15,360
	6/25/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	12,960
	7/7/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,600
	7/28/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	14,400
	8/10/2021	Talent Pipeline:CE and OJT, OJT HIRE	16,320
	8/23/2021	NYCH: Talent Ppln:CE and OJT, OJT Hire	12,960
	8/26/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	27,360
	9/1/2021	<200KW PV, NY-Sun	12,384
	9/23/2021	Talent Pipeline:CE and OJT, OJT HIRE	15,360
Harris Beach PLLC	5/13/2021	NYSERDA ADMINISTRATION, Real Estate Issues	10,000
	5/14/2021	NEW YORK GREEN BANK, Green Bank PAAA	15,000
	5/17/2021	NYSERDA ADMINISTRATION, Financial Solutions	25,000
Harris Wiltshire & Grannis LLP	4/26/2021	NY-SUN, CES 2.0 Support	100,000
Harry Winston Inc	8/30/2021	NYCH: Technical Assistance, FT13841 - 717 5th - PON	14,488
Hartsdale CSG LLC	5/19/2021	>200KW PV, NY-Sun	378,000
Harvest Power, LLC	5/3/2021	ENERGY STORAGE, PON 2112 NY SUN	18,750
	7/6/2021	<200KW PV, NY-Sun	100
		>200KW PV, NY-Sun	150
	7/22/2021	<200KW PV, PON 2112 NY SUN	130,127
Hatch Associates Consultants, Inc.	8/10/2021	OREC: Technical Support, OSW Mesh Grid Technical Appen	45,000
Hatchery Solar, LLC	7/12/2021	REC:CES REC Contracts, RESRFP20-1	1,718,371

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Hawn Heating & Energy Services LLC	4/21/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	11,160
	6/22/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	9,000
	8/10/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	6,600
Hawthorn Solar, LLC	8/18/2021	REC:CES REC Contracts, RESRFP20-1	11,769,381
HC Fennell Consulting, LLC	6/7/2021	Consumer Ed and Market Support, Henri Fennell-Spray Foam C..	50,000
HDFC 185 East 2nd Street Corp.	6/25/2021	Multifam Performance Pgm, Multifamily	15,400
		NYCH: LMI, Clean Heating & Cooling	96,800
Heat Keepers, Inc.	5/19/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	12,960
Helios Energy New York 2 LLC	4/3/2021	>200KW PV, NY Sun	876,096
Henkel US Operations Corporation	9/27/2021	LARGE SCALE RENEWABLES, 8th RPS Main Tier Solicitation	355,304
Henningson, Durham & Richardson PC	4/6/2021	OREC: Technical Support, RFQL 3685 Umbrella Contract	298,619
Henry Hudson Nelson Apartments LLC	6/29/2021	Multifam Performance Pgm, Multifamily	75,600
Heritage Holdings, LLC	8/16/2021	Empire Building Challenge, ECB-Phase I-L+M	125,000
		NYCH: Empire Build Challenge, ECB-Phase I-L+M	125,000
Hester Street Collaborative, Inc.	4/27/2021	Equitable Engagement, Equitable Stakeholder Engagem	990,000
Hi TECH HVAC Services CORP	5/14/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	7/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,240
	8/30/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	9/23/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
Highbanks Solar, LLC	7/19/2021	REC:CES REC Contracts, RESRFP20-1	1,124,028
		Technical Services, OsEM71-C-Hines-IC	163,655
HK Truck Services Inc.	5/13/2021	CLEAN TRANSPORTATION, NYTVIP - Pub Sch of Tarrytowns	120,000
	5/18/2021	CLEAN TRANSPORTATION, NYTVIP - City of White Plains	185,000
	5/24/2021	CLEAN TRANSPORTATION, NYTVIP - STA of NY	800,000
Holland & Knight LLP	5/6/2021	NEW YORK GREEN BANK, RFP 12 - NYGB Legal Services	5,639
	5/27/2021	NEW YORK GREEN BANK, RFP 12 - NYGB Legal Services	398
	8/30/2021	NYSERDA ADMINISTRATION, RFP 12 - NYGB Legal Services	500
	9/13/2021	NEW YORK GREEN BANK, RFP 12 - NYGB Legal Services	1,856
Honeywell International Inc.	4/12/2021	RENEWABLE HEAT NY, RHNY Pellet Stove QA Services	6,459
	6/29/2021	Home Perf w Energy Star, 3695 TWO Umbrella Agreement	160,000
	8/26/2021	3695 TWO Umbrella Agreement	130,000
		EMPOWER NY, 3695 TWO Umbrella Agreement	74,890
Housing Action Council, Inc.	5/3/2021	New Construction Housing, 2019 LRNCP	274,200
	7/23/2021	New Construction Housing, 2019 LRNCP	42,000
Housing Visions Consultants, Inc.	6/25/2021	New Construction Housing, 2021 LRNCP - NCH	80,000
Hudson River Renewables	6/16/2021	<200KW PV, PON 2112 NY SUN	5,180
Hudson Valley Community College	8/16/2021	NYCH: Talent Ppln:CE and OJT, PON3981 Round 3	537,750
		Talent Pipeline:OSW Training, OWTI Workforce Training	269,995
Hudson Valley Wind Energy, LLC	4/1/2021	<200KW PV, PON 2112 NY SUN	8,750
	7/6/2021	<200KW PV, PON 2112 NY SUN	6,762
	9/9/2021	<200KW PV, PON 2112 NY SUN	8,330
ICE Data, LP	6/1/2021	ENERGY ANALYSIS, WebICE and ICE Connect Renewal	21,680
ICF Resources, LLC	4/8/2021	ENERGY ANALYSIS, TWO #4 - Statewide NG Study	64,960
	4/29/2021	ENVIRONMENTAL RESEARCH, TWO#9 NYS Elect System M..	14,671
	7/2/2021	ENVIRONMENTAL RESEARCH, TWO#9 NYS Elect System M..	30,000
	8/5/2021	CLEAN TRANSPORTATION, TWO # 10	660,114
	8/23/2021	Eval MCDC:I&R Macroeconomic St, Tech Assist, REV Pool	85,000
IGS Solar, LLC	4/13/2021	<200KW PV, PON 2112 NY SUN	5,248
	7/16/2021	<200KW PV, PON 2112 NY SUN	5,187
	9/1/2021	<200KW PV, PON 2112 NY SUN	5,950
IHS Global Inc.	9/9/2021	ENERGY ANALYSIS, 2021-22 OPIS Alerts&Newsletter	6,708
Illume Advising LLC	8/11/2021	EVAL MCDC:SQA LMI Behav. Study, LMI Quality Assurance In..	9,980
	9/13/2021	EVAL MCDC: DAC Barriers/Ooport, TWO No 1 - DAC Barriers ..	280,661
Industrial Economics, Incorporated	4/5/2021	OTHER PROGRAM AREA, Market Evaluation Dev. Study	5,105

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Date Encumbered</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Industrial Economics, Incorporated</b>	6/11/2021	Environmental Research, TWO#4 Climate Econ. Impact	750,000
	6/28/2021	ENERGY ANALYSIS, TWO 1 EE Supply Curve Analysis	70,000
		Product Standards, TWO 1 EE Supply Curve Analysis	20,000
	7/9/2021	Mkt Char: Tech Assist, TWO 3 Utility Outages Phase II	75,000
<b>INF Associates LLC</b>	9/28/2021	NYCH: Technical Assistance, FT13721 - 11-15 Broadway - FTC	12,250
<b>Infinite Invention</b>	9/9/2021	High Performing Grid, Meter Adapt for Energy Storage	1,479,790
<b>Infinity Solar Systems, LLC</b>	4/6/2021	<200KW PV, PON 2112 NY SUN	6,370
	4/8/2021	<200KW PV, PON 2112 NY SUN	8,750
	4/27/2021	<200KW PV, PON 2112 NY SUN	5,219
	4/28/2021	<200KW PV, PON 2112 NY SUN	7,511
	5/13/2021	<200KW PV, PON 2112 NY SUN	16,747
	5/14/2021	<200KW PV, PON 2112 NY SUN	12,679
	6/10/2021	<200KW PV, PON 2112 NY SUN	6,643
	7/1/2021	<200KW PV, PON 2112 NY SUN	10,467
	7/23/2021	<200KW PV, PON 2112 NY SUN	5,343
	7/26/2021	<200KW PV, PON 2112 NY SUN	11,834
	7/28/2021	<200KW PV, PON 2112 NY SUN	7,952
	8/19/2021	<200KW PV, PON 2112 NY SUN	7,793
	9/8/2021	<200KW PV, PON 2112 NY SUN	8,572
	9/24/2021	<200KW PV, PON 2112 NY SUN	7,921
	<b>inMotion, Inc.</b>	9/10/2021	NYSERDA ADMINISTRATION, inMotion Subscription
<b>Institute for Building Technology and Sa</b>	6/28/2021	>200KW PV, TWO 3 CAT 1 NY-Sun Large C&I	331,800
	7/6/2021	NY-SUN, TWO 4 NYSUN Res NonRes	684,584
	9/24/2021	CI Engy Siting & Soft Cost Red, TWO 5 under Umbrella Contract	50,000
<b>Integrated HVAC Systems and Services</b>	5/5/2021	Real Time Enrgy Management, Integrated-102 N End Ave-RTEM	30,747
		Real Time Enrgy Management, Integrated-1047 Amsterdam-RT..	60,047
	5/19/2021	Real Time Enrgy Management, Integrated-940 Garrison-RTEM	20,747
	6/28/2021	Real Time Enrgy Management, IntegratedHVAC-228 Nagle-RT..	25,620
	7/21/2021	Real Time Enrgy Management, Integrated-886 Westchester-RTE	28,260
		Real Time Enrgy Management, Integrated-2271 Washington-RT..	23,430
		Real Time Enrgy Management, IntegratedHVA-911 Erskine-RT..	155,000
	7/26/2021	Real Time Enrgy Management, Integrated HVAC-261 W 25-RT..	19,640
		Real Time Enrgy Management, IntHVAC-2040 White Plains-RT..	27,660
		Real Time Enrgy Management, IntHVAC-3035 White Plains-RT..	29,310
	8/18/2021	Real Time Enrgy Management, Int.HVAC- 40 Debevoise St-RT..	134,620
8/31/2021	Real Time Enrgy Management, Integrated-10 Schroeders-RTEM	155,000	
	Real Time Enrgy Management, Integrated-702 Vandalia-RTEM	73,578	
	Real Time Enrgy Management, Integrated-881 Erskine St-RTEM	143,286	
9/15/2021	Real Time Enrgy Management, Int. HVAC-1434 Ogden Ave-RT..	25,500	
<b>International Code Council, Inc.</b>	6/10/2021	Code to Zero, NYStretch 2020 Code Book	16,500
<b>Intralinks, Inc.</b>	5/3/2021	NEW YORK GREEN BANK, VDR Services	22,000
	6/23/2021	NEW YORK GREEN BANK, VDR Services	15,497
	8/23/2021	NEW YORK GREEN BANK, VDR Services	1,397
<b>Inventive Intellect, LLC</b>	4/9/2021	Informat. Products & Brokering, PropTech 2021	10,000
<b>IPPSolar Integration LLC</b>	4/8/2021	<200KW PV, PON 2112 NY SUN	94,238
	7/27/2021	<200KW PV, NY-Sun	28,837
		NY-SUN, NY-Sun	12,359
	9/10/2021	<200KW PV, NY-Sun	43,120
		NY-SUN, NY-Sun	18,480
<b>Isaac TEC LLC</b>	9/30/2021	NYCH: Talent Ppln:CE and OJT, PON3981 Round 11	342,239
<b>J Synergy Green Inc</b>	7/14/2021	WORKFORCE DEVELOPMENT, OJT HIRE	9,232
	9/8/2021	WORKFORCE DEVELOPMENT, OJT HIRE	8,880
<b>J Synergy Solar LLC</b>	9/1/2021	COMMUNITY SOLAR, PON 2112 NY SUN	7,488
	9/8/2021	COMMUNITY SOLAR, PON 2112 NY SUN	5,904
<b>J. Grace Corporation</b>	7/14/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	9/23/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,080

## Contracts Executed

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Contractor	Date Encumbered	Contract Description	Total Contract Amount
J&A Electrical Construction LLC	5/20/2021	<200KW PV, PON 2112 NY SUN	5,198
Jaros, Baum & Bolles	4/9/2021	Technical Services, FT13350 - 55 Water - FTC	82,637
	4/13/2021	Market Tests, Market Insights	1,085,441
	6/25/2021	NYCH: Technical Assistance, FT13498 - 1271 AoA - FTC	67,023
	8/30/2021	NYCH: Technical Assistance, FT13803 - 1301 AoA - FTC	73,750
JBI Construction Group	6/1/2021	>200KW PV, PON 2112 NY SUN	65,268
	7/23/2021	>200KW PV, PON 2112 NY SUN	20,412
	7/26/2021	>200KW PV, PON 2112 NY SUN	49,896
	9/22/2021	>200KW PV, PON 2112 NY SUN	42,336
Jericho Anthony Avenue Housing Deve..	6/29/2021	Multifam Performance Pgm, Multifamily	51,800
John Addrizzo Paul Maghazeh Narrows ..	6/10/2021	NYCH: Technical Assistance, FT13470 - 9920 Fourth - PON	6,310
John Betlem Heating & Cooling Inc	4/9/2021	Talent Pipeline:CE and OJT, OJT HIRE	5,120
	4/21/2021	Talent Pipeline:CE and OJT, OJT HIRE	8,000
	5/14/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,080
	5/19/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	6,240
		Talent Pipeline:CE and OJT, OJT HIRE	6,240
	6/2/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	6,240
	7/15/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,200
	7/29/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	6,240
	8/10/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,080
	8/17/2021	Talent Pipeline:CE and OJT, OJT HIRE	8,160
	8/26/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	13,440
	8/30/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	6,240
	9/23/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,200
Johnson Controls, Inc. (Syracuse)	9/23/2021	Rmve Barriers Dist Enrgy Storg, FT13422 - Tompkins - FTC	14,056
Jones Lang LaSalle Americas, Inc.	5/14/2021	Real Time Enrgy Management, JLL-Multisite-RTEM	356,904
Jordan Energy and Food Enterprises LLC	5/6/2021	<200KW PV, PON 2112 NY SUN	11,624
	6/7/2021	<200KW PV, PON 2112 NY SUN	196
Joseph R Chimera	4/15/2021	WEST VALLEY DEVELOPMENT PROGRAM, Ops and Mainten..	56,659
	8/12/2021	WEST VALLEY DEVELOPMENT PROGRAM, Ops and Mainten..	700,000
Joseph Technology Corporation,	9/13/2021	NYCH: District, PON4614 Round #1 Guidebook	250,000
JP Bus & Truck Repair LTD	9/20/2021	CLEAN TRANSPORTATION, NYTVIP - Suffolk Trans Service	1,400,000
Kamtech Restoration Corp	5/25/2021	<200KW PV, PON 2112 NY SUN	5,000
	5/26/2021	<200KW PV, PON 2112 NY SUN	6,930
Kasselman Solar LLC	4/5/2021	<200KW PV, PON 2112 NY SUN	6,083
	4/12/2021	<200KW PV, PON 2112 NY SUN	8,624
	4/21/2021	<200KW PV, NY-Sun	14,316
	4/29/2021	<200KW PV, PON 2112 NY SUN	8,710
	5/5/2021	<200KW PV, PON 2112 NY SUN	8,316
	5/25/2021	<200KW PV, PON 2112 NY SUN	7,460
	5/28/2021	<200KW PV, PON 2112 NY SUN	5,390
	6/2/2021	<200KW PV, NY-Sun	8,848
	6/4/2021	<200KW PV, NY-Sun	8,800
		<200KW PV, PON 2112 NY SUN	5,094
	6/21/2021	<200KW PV, PON 2112 NY SUN	5,481
	6/25/2021	<200KW PV, PON 2112 NY SUN	14,688
	7/1/2021	<200KW PV, PON 2112 NY SUN	4,177
	7/14/2021	<200KW PV, PON 2112 NY SUN	5,786
	7/16/2021	<200KW PV, NY-Sun	50,630
	7/23/2021	<200KW PV, PON 2112 NY SUN	6,160
	7/27/2021	<200KW PV, PON 2112 NY SUN	6,090
	7/29/2021	<200KW PV, PON 2112 NY SUN	8,750
	7/30/2021	<200KW PV, PON 2112 NY SUN	11,676
	8/2/2021	<200KW PV, PON 2112 NY SUN	6,321
	8/6/2021	<200KW PV, PON 2112 NY SUN	152
	8/16/2021	<200KW PV, PON 2112 NY SUN	6,185

## Contracts Executed

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Contractor	Date Encumbered	Contract Description	Total Contract Amount	
Kasselman Solar LLC	8/23/2021	<200KW PV, PON 2112 NY SUN	5,329	
	8/30/2021	<200KW PV, PON 2112 NY SUN	20,302	
	8/31/2021	<200KW PV, PON 2112 NY SUN	6,542	
	9/10/2021	<200KW PV, NY-Sun	7,308	
	9/21/2021	<200KW PV, PON 2112 NY SUN	5,329	
	9/22/2021	<200KW PV, PON 2112 NY SUN	7,476	
	9/29/2021	<200KW PV, PON 2112 NY SUN	7,632	
	Kastle New York, LLC	4/5/2021	Installation of GB Security Sy	7,161
		NYSERDA ADMINISTRATION, Installation of GB Security Sy	10,440	
Kawi Energy Group Corp.	6/30/2021	Talent Pipeline:CE and OJT, OJT HIRE	15,360	
	7/14/2021	Talent Pipeline:CE and OJT, OJT HIRE	15,360	
	8/17/2021	Commercial Real Estate Ten, Kawi- 155 W 23rd -Multi Sites	101,238	
Kearns & West, Inc.	4/20/2021	REC4:CES REC4 Tech Support, TWO 5 - T4__Eval Plan Servic	39,836	
		REC4:CES REC4 Tech Support, TWO 6 - T4_Facilitation Svcs	39,836	
	5/7/2021	Consumer Ed and Market Support, TWO 1 - RMAG	128,540	
	7/1/2021	Energy Storage Tech/Prod Dev, TWO 7 - H2 public outreach sup	49,965	
Kelliher Samets Volk	4/1/2021	Consumer Ed and Market Support, KSV TWO 38 Heat Pump Pl..	66,667	
		NYCH: Critical Tools, KSV TWO 38 Heat Pump Planner	66,667	
		NYCH: LMI, KSV TWO 38 Heat Pump Planner	66,667	
		Pay for Performance, KSVTWO39: Business Energy Pro	42,400	
	5/7/2021	NYCH: District, TWO40:Community Heat Pumps MKT	65,000	
	5/28/2021	KSV TWO 41 Loan Loss Reserve	8,415	
	6/7/2021	KSV TWO 42 IPNA Bridge Loan	8,925	
	6/22/2021	NYSERDA ADMINISTRATION, KSV TWO 36 Website User Ex..	122,850	
	7/9/2021	LMI Marketing, KSV TWO 32 LMI Website Hub	450,900	
	7/29/2021	Retrofit NY, Marketing Support for NYSERDA	50,000	
	9/30/2021	BR: Program Implementation, TWO 43 Build Ready Marketing	200,000	
	Kinetic Communities Consulting Corporati	6/7/2021	Talent Pipeline:CE and OJT, OJT HIRE	30,720
		6/15/2021	WORKFORCE DEVELOPMENT, OJT HIRE	15,360
6/30/2021		NYCH: Talent Ppln:CE and OJT, OJT HIRE	15,360	
King Freeze Mechanical Corp	4/1/2021	HVAC Installation	19,750	
Kingsley House Owner LP	6/29/2021	Multifam Performance Pgm, Multifamily	114,800	
KRN CG LLC	5/18/2021	Tech Assistanc Multifamily LMI, FT13515 - Country Glen - PON	10,000	
L&S Energy Services, Inc.	6/21/2021	NYCH: Technical Assistance, FT13536 - Chatham Towers	18,350	
	7/26/2021	Renewable Heat NY, Long Lake Boiler Inspections	9,830	
	8/4/2021	Technical Services, FT13745 - 461 9N - FTC	9,546	
	8/26/2021	Technical Services, FT13769 - 46 School - FTC	7,045	
	9/13/2021	NYCH: Technical Assistance, FT13716 - Warren County - FTC	9,984	
LaBella Associates, P.C.	5/3/2021	BR: Prospecting, Site Prospecting Services	1,260,000	
	6/11/2021	Rmve Barriers Dist Enrgy Storg, FT13467 - 95 Perry - FTC	60,000	
	7/28/2021	K-12 SCHOOLS, P12GC-52E - Hornell CSD - FTC	73,866	
	9/23/2021	K-12 SCHOOLS, P12GC-51E - Rome CSD - FTC	120,155	
Lafayette Nelson Apartments LLC	6/29/2021	Multifam Performance Pgm, Multifamily	680,400	
Lake Country Geothermal, Inc.	6/22/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	14,400	
Launch New York, Inc.	5/24/2021	Cleantech Incubator, Launch NY ECO Incubator	800,000	
LC DRives	4/20/2021	Talent Pipeline:CE and OJT, OJT HIRE	12,000	
	5/14/2021	Talent Pipeline:CE and OJT, OJT HIRE	30,360	
	5/21/2021	Talent Pipeline:CE and OJT, OJT HIRE	30,240	
	6/15/2021	Talent Pipeline:CE and OJT, OJT HIRE	14,880	
	6/21/2021	Talent Pipeline:CE and OJT, OJT HIRE	5,920	
	6/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,600	
	6/29/2021	Talent Pipeline:CE and OJT, OJT HIRE	40,000	
	6/30/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,240	
	7/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,920	
	8/10/2021	Talent Pipeline:CE and OJT, OJT HIRE	21,600	
Level 3 Communications, LLC	6/14/2021	NYSERDA ADMINISTRATION, Information Technology	144,000	

## Contracts Executed

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Contractor	Date Encumbered	Contract Description	Total Contract Amount
Levitan & Associates, Inc.	7/2/2021	NY-SUN, TWO 1 Future of Solar White Pp	194,710
	8/5/2021	CI Engy Siting & Soft Cost Red, TWO 2 CES Solicitation Support	425,000
LexisNexis	5/7/2021	NYSERDA ADMINISTRATION, Online Legal Research Access	53,844
Libolt & Sons, Inc.	7/28/2021	Low Rise New Construction, New Construction	13,750
Linden Plaza Preservation, L.P.	4/14/2021	Multifam Performance Pgm, Multifamily	1,068,900
LineVision, Inc.	6/28/2021	High Performing Grid, Power Grid Innovation	376,384
Livingston County	9/21/2021	CI Engy Siting & Soft Cost Red, Livingston Solar Coordinator	85,000
Livingston Energy Group	4/28/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,000
	5/21/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,680
LoanStreet Inc.	5/10/2021	GJGNY REVOLVING LOAN FUND, Participation sale of GJGNY	1,000,000
Long Island High Technology Incubator	8/19/2021	Cleantech Incubator, PON3413 Clean Energy Incubator	380,000
Long Island Power Authority	6/2/2021	NY-SUN, LIPA MOU RGGI Compliance Progr	20,000,000
Long Island Power Solutions	4/5/2021	<200KW PV, PON 2112 NY SUN	5,807
	5/27/2021	<200KW PV, PON 2112 NY SUN	5,749
	6/2/2021	<200KW PV, PON 2112 NY SUN	6,006
	6/3/2021	<200KW PV, PON 2112 NY SUN	5,110
	6/14/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/15/2021	<200KW PV, PON 2112 NY SUN	5,000
	6/16/2021	<200KW PV, PON 2112 NY SUN	6,346
	6/21/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	7/23/2021	<200KW PV, PON 2112 NY SUN	5,000
	8/20/2021	<200KW PV, PON 2112 NY SUN	11,897
	9/23/2021	<200KW PV, PON 2112 NY SUN	13,224
	9/30/2021	<200KW PV, PON 2112 NY SUN	5,569
Long Island Progressive Coalition	4/14/2021	COMMUNITY SOLAR, Long Island Affordable Solar	157,290
	8/17/2021	COMMUNITY SOLAR, PON 3414 - Long Beach HA	97,370
Luminate, LLC	5/27/2021	Outside Technical and Eng. Srv	2,559
Luthin Associates, Inc.	7/21/2021	Informat. Products & Brokering, Market Engagement support	100,000
		Real Time Enrgy Management, Market Engagement support	100,000
M. Zion Security Systems Corp	7/23/2021	NYSERDA ADMINISTRATION, Millennium Ultra card access	13,465
M.J. Beck Consulting LLC	4/20/2021	REC4:CES REC4 Tech Support, IE T4	31,500
	9/28/2021	REC:CES REC System Dev Costs, TWO 4 - RESRFP21-1 TEP..	40,500
M/E Engineering, P.C.	7/13/2021	K-12 SCHOOLS, P12GC-9_E - Cortland CSD - FTC	32,055
	7/28/2021	NYCH: District, PON 4614 Rd #1 Syracuse U	95,120
		NYCH: Technical Assistance, FT13581 - SUNY Cortland - FTC	18,732
	8/25/2021	New Construction- Commercial, Commercial New Construction	65,875
Magnusson Architecture and Planning ..	8/16/2021	Buildings of Excellence, BoE Rnd1 - Design Team Incent.	112,500
Main Street Lofts Yonkers, LLC	6/7/2021	Technical Services, FT13457 - 66 Main - PON	11,975
Malcarne Contracting, Inc.	6/29/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	9,600
	7/22/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	14,400
Mantisi Solar LLC	5/24/2021	>200KW PV, NY Sun	720,047
Maple Manor Vintage LLC	5/11/2021	Multifam Performance Pgm, Multifamily	50,400
Maple Tap Solar, LLC	8/20/2021	>200KW PV, NY Sun	482,501
Maple3PKRL175 Pearl Owner, LLC	9/13/2021	NYCH: Technical Assistance, FT13558 - 175 Pearl - PON	15,600
Marshall & Sterling, Inc.	5/24/2021	NYSERDA ADMINISTRATION, RFP 4301 Insurance	10,836
Marymount School of New York	7/29/2021	Commercial New Construc, NCP16001 - Marymount School of	168,830
Matt Urban Hope House LLC	9/16/2021	New Construction Housing, 2020 LRNCP	27,000
Matthews Buses Incorporated	6/29/2021	CLEAN TRANSPORTATION, NYTVIP - Bethlehem School Dist	1,000,000
Max Solar Inc	6/8/2021	<200KW PV, PON 2112 NY SUN	6,545
	6/9/2021	<200KW PV, PON 2112 NY SUN	7,140
	7/8/2021	<200KW PV, NY-Sun	10,880
	9/28/2021	<200KW PV, PON 2112 NY SUN	50,876
McMahon and Mann Consulting Engineers	7/1/2021	WEST VALLEY DEVELOPMENT PROGRAM, TWO#7 Geotech..	100,000
	9/20/2021	WEST VALLEY DEVELOPMENT PROGRAM, TWO #6 Enginee..	98,218
MDRC	8/17/2021	Pay for Success CE Training	1,060,680
Meadowbrook Realty Holding LLC	6/29/2021	Multifam Performance Pgm, Multifamily	63,000

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Meltek Inc.	8/17/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,680
MEP Geothermal Engineering, PLLC	8/30/2021	NYCH: District, PON4614 Round #1 Barnard	97,997
	9/1/2021	NYCH: District, PON4614 Round #1 Children's V	99,926
	9/24/2021	NYCH: District, PON 4614 Round #1 Fleet	100,000
Metro IAF	4/19/2021	Market Tests, IMS Metro IAF TWO - Anchor Ins	3,500,000
		NYCH: Technical Assistance, IMS Metro IAF TWO - Anchor Ins	500,000
MGT Property Management LLC	9/27/2021	Tech Assistanc Multifamily LMI, FT13619 - Slate Phase 2 - PON	41,443
Michaels Energy, Inc.	6/17/2021	Evaluation External, TWO 2 - Impact Eval PM Assist	538,200
Mohawk Fine Papers Inc.	9/1/2021	On-Site Energy Manager, OsEM77-I - Mohawk Fine Paper	214,000
Mohawk Valley Economic Development Dist.	4/14/2021	OTHER PROGRAM AREA, CEEP Mohawk Valley Region (MVE	18,132
	9/27/2021	OTHER PROGRAM AREA, CEEP Mohawk Valley Region (MVE	54,473
Mohawk Valley Health System	4/26/2021	Commercial New Construc, Commercial New Construction	350,000
Morgan Stanley	5/17/2021	Technical Services, FT13465 - 2000 Westchester-PON	15,998
MR. AIR NYC Corp.	9/8/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	9/23/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
MVAH Partners LLC	9/13/2021	New Construction Housing, NCP Housing	450,000
	9/15/2021	Single Family New Construction, NCP Housing	24,500
MVP Consulting Plus, Inc.	8/10/2021	NYSERDA ADMINISTRATION, SAS Annual Maintenance 21-22	10,473
NASEO	7/23/2021	Prof & Expert Engagement, 2021 NASEO Membership Dues	15,960
National Home Performance Council	7/20/2021	Consumer Ed and Market Support, 2022 Home Performance Co..	50,000
National Renewable Energy Laboratory	4/22/2021	Nat'l OffShWind R&D Consortium, Natl Offshore Wind R&D	500,000
		Natl Offshore Wind R&D	500,000
National Solar Technologies	6/14/2021	<200KW PV, PON 2112 NY SUN	101,602
National Wind Technology Consortium, Inc	5/3/2021	Nat'l OffShWind R&D Consortium, NOWRDC-107-MARIN	120,123
		NOWRDC-107-MARIN	120,123
	5/21/2021	Nat'l OffShWind R&D Consortium, NOWRDC-104-Exmar	150,000
		Nat'l OffShWind R&D Consortium, NOWRDC-106-TexasA&M	150,000
		NOWRDC-104-Exmar	150,000
		NOWRDC-106-TexasA&M	150,000
	5/26/2021	Nat'l OffShWind R&D Consortium, NOWRDC-103-Crowley	400,000
		NOWRDC-103-Crowley	400,000
	6/17/2021	Nat'l OffShWind R&D Consortium, NOWRDC-109-GE Research	150,000
		NOWRDC-109-GE Research	150,000
	8/18/2021	Nat'l OffShWind R&D Consortium, NOWRDC-115-ThayerMahan	354,729
		NOWRDC-115-ThayerMahan	354,729
	8/31/2021	Nat'l OffShWind R&D Consortium, NOWRDC-110-Tufts	399,689
		Nat'l OffShWind R&D Consortium, NOWRDC-111-CODAR	147,188
NOWRDC-110-Tufts		399,689	
9/3/2021	NOWRDC-111-CODAR	147,188	
	Nat'l OffShWind R&D Consortium, NOWRDC-120-Deep Reach ..	149,926	
9/13/2021	NOWRDC-120-Deep Reach Tech	149,926	
	Nat'l OffShWind R&D Consortium, NOWRDC-118-PCCI	414,959	
		NOWRDC-118-PCCI	414,959
Natural History Museum of the Adirond..	7/22/2021	RENEWABLE HEAT NY, The Wild Center Biomass Boiler	182,000
Nazareth College of Rochester	4/19/2021	Technical Services, OsEM50-C - Nazareth College	99,500
NECEC Institute	5/20/2021	Cleantech ICC Engage, 2021 NECEC Sponsorship	255,000
Neighborhood Housing Services of Que..	5/12/2021	NY-SUN, PON 3414 Electrify Queens	200,000
Neighborhood Housing Services Staten..	5/19/2021	NY-SUN, PON 3414 Electrify SI	200,000
NESCAUM	4/21/2021	ENVIRONMENTAL RESEARCH, TWO #7 Comparative Assess..	220,000
	4/28/2021	Prof & Expert Engagement, 2021 ZEV MOU dues	75,000
	9/14/2021	Electric Vehicles - Innovation, EV Marketing Campaign	275,000
NESEA	9/9/2021	New Construction Housing, BENYC 2021	15,600
		New Construction- Commercial, BENYC 2021	10,400
Netgains Engineering P.C.	4/9/2021	NYCH: Technical Assistance, FT13423 - 314 W 142nd - FTC	5,000
	5/10/2021	NYCH: Technical Assistance, FT13483 - 1 Tiffany - FTC	6,000
		NYCH: Technical Assistance, FT13488 - 37-30 73rd - FTC	5,000

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Netgains Engineering P.C.	5/18/2021	NYCH: Technical Assistance, FT13493 - 105 Lexington - FTC	5,000
		NYCH: Technical Assistance, FT13532 - 222-224 W 21st - FTC	5,000
	6/21/2021	NYCH: Technical Assistance, FT13540 - 250 E 30th - FTC	8,000
	7/22/2021	NYCH: Technical Assistance, FT13577 - Cathedral Condo -FTC	5,000
	8/13/2021	Technical Services, FT13612 - 815 AoA - FTC	25,000
	8/30/2021	NYCH: Technical Assistance, FT13586 - 111 Steuben - FTC	5,000
	9/27/2021	NYCH: Technical Assistance, FT13605 - 3585 Greystone - FTC	8,500
		NYCH: Technical Assistance, FT13651 - 100 Riverside - FTC	15,000
		NYCH: Technical Assistance, FT13681 - 975 Simpson - FTC	26,000
		NYCH: Technical Assistance, FT13682 - 940 Tiffany - FTC	7,000
		NYCH: Technical Assistance, FT13683 - 1710 Andrews - FTC	7,500
		NYCH: Technical Assistance, FT13684 - 975 Tiffany - FTC	8,000
		NYCH: Technical Assistance, FT13685 - 1730 Andrews - FTC	7,000
		NYCH: Technical Assistance, FT13694 - 144-21 79th - FTC	12,000
	9/28/2021	NYCH: Technical Assistance, FT13788 - 2711 Henry Hud - FTC	7,500
		NYCH: Technical Assistance, FT13789 - 2390 Palisade - FTC	7,500
		NYCH: Technical Assistance, FT13790 - 1874 Pelham - FTC	7,500
NYCH: Technical Assistance, FT13791 - 315 W. 232nd - FTC		7,500	
NYCH: Technical Assistance, FT13792 - 190 E. Mosholu - FTC		7,500	
NYCH: Technical Assistance, FT13811 - 110 Clifton - FTC		7,000	
Network Experts of New York, Inc.	6/11/2021	NYSERDA ADMINISTRATION, Anu - Professional services	7,860
New Buildings Institute, Inc.	5/25/2021	Code to Zero, TWO # 4	1,042,500
	6/1/2021	Buildings of Excellence, BoE Rnd.1 Perform. Validation	244,193
	7/6/2021	New Construction Housing, SchlrshipPrgm-2021 GettingTo0	30,000
		New Construction- Commercial, SchlrshipPrgm-2021 GettingTo0	20,000
8/31/2021	Code to Zero, TWO # 4	41,243	
New Flyer of America, Inc.	5/25/2021	CLEAN TRANSPORTATION, NYTVIP - Westchester County	1,305,428
New Leaf Solar LLC	7/16/2021	<200KW PV, PON 2112 NY SUN	8,750
	9/21/2021	<200KW PV, PON 2112 NY SUN	8,750
New York City Energy Efficiency Corp	4/5/2021	NYCEEC Predevelopment Lending	900,000
	6/25/2021	NYCEEC Predevelopment Lending	900,000
New York City Operating Partnership, LP	5/17/2021	Technical Services, OsEM65-C-NYCOP-1140 AoA	214,000
New York Design Center, Inc.	5/3/2021	NYCH: Technical Assistance, FT13223 - 200 Lexington - PON	16,670
New York Foundling Hospital	5/7/2021	New Construction Housing, 2019 MFCNP	300,000
New York Homeowners Construction Co., LL	4/6/2021	Talent Pipeline:CE and OJT, OJT HIRE	5,120
	6/29/2021	Talent Pipeline:CE and OJT, OJT HIRE	5,120
	8/10/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,240
New York Independent Systems Operator	5/3/2021	REC4:CES REC4 Tech Support, TIER 4 TECHNICAL ANLAYSIS	150,000
	8/10/2021	BR: Interconnection, Benson Mines Interconnection	250,000
	9/13/2021	REC:CES REC System Dev Costs, TIER 1 TECHNICAL ANLA..	150,000
New York Power Authority	4/1/2021	REV Campus Challenge, FT13403 - SUNY Sullivan - FTC	23,205
	6/15/2021	NYCH: Technical Assistance, FT13315-University at Albany	179,919
	6/25/2021	NYCH: Technical Assistance, FT13565 - Binghamton - FTC	24,016
		Technical Services, FT13408 - Harriman - FTC	11,000
9/27/2021	Technical Services, FT13620 - Hampton - FTC	6,840	
New York State Ag & Markets	9/8/2021	NYSERDA ADMINISTRATION, 2021 NYS Fair	7,753
New York State Forum for IRM	9/1/2021	NYSERDA ADMINISTRATION, NYS Forum Membership 21 – 22	5,500
New York State Solar Farm Inc.	4/1/2021	<200KW PV, PON 2112 NY SUN	12,492
	4/9/2021	<200KW PV, PON 2112 NY SUN	7,554
	4/13/2021	<200KW PV, PON 2112 NY SUN	5,723
	5/10/2021	<200KW PV, PON 2112 NY SUN	7,439
	6/9/2021	<200KW PV, PON 2112 NY SUN	18,387
	7/6/2021	<200KW PV, PON 2112 NY SUN	22,491
	7/8/2021	<200KW PV, PON 2112 NY SUN	40,646
	7/14/2021	<200KW PV, PON 2112 NY SUN	5,040
7/22/2021	<200KW PV, PON 2112 NY SUN	5,544	



## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
New York State Solar Farm Inc.	9/13/2021	<200KW PV, PON 2112 NY SUN	6,552
	9/17/2021	<200KW PV, PON 2112 NY SUN	5,150
New York University	4/6/2021	Net Zero Energy for Eco Dev, Net Zero Economic Development	2,000,000
	8/19/2021	Cleantech Incubator, PON3413 Clean Energy Incubator	380,000
Newport Ventures, Inc.	9/30/2021	Code to Zero, TWO #4	174,873
Next Generation Solar, LLC	6/9/2021	<200KW PV, NY-Sun	8,160
Nextera Energy Capital Holdings, Inc	9/14/2021	>200KW PV, NY Sun	1,124,046
		NY-SUN, NY Sun	1,648,601
NIC Holding Corp	7/29/2021	FUEL NY, NYS Strategic Gasoline Reserve	512,000
Nickels Energy Solutions LLC	6/2/2021	<200KW PV, PON 2112 NY SUN	8,736
	7/6/2021	<200KW PV, PON 2112 NY SUN	5,600
	7/23/2021	<200KW PV, PON 2112 NY SUN	5,796
	9/22/2021	<200KW PV, PON 2112 NY SUN	7,607
NK 80 Maiden Owner, LLC	4/12/2021	Technical Services, FT13278 - 80 Maiden - PON	27,935
NMR Group, Inc.	5/4/2021	EVALUATION, RFQ 3183 NMR Group, Inc.	32,299
		Home Perf w Energy Star, RFQ 3183 NMR Group, Inc.	75,363
Noresco LLC	6/21/2021	REV Campus Challenge, FT13443 - Morningside - FTC	126,896
	8/17/2021	NYCH: Technical Assistance, FT13484 - 75 Clinton - FTC	5,633
	8/31/2021	Technical Services, FT13629 - 50 Vanderbilt - FTC	11,321
	9/14/2021	Technical Services, IAQ - Tech Review - NORESCO	33,600
	9/24/2021	Technical Services, FT13638 - 1233 York - FTC	23,498
Norstar Development USA, LP	8/4/2021	New Construction Housing, LR NCP - Incentives SF206404	1,200
North Country School	6/28/2021	RENEWABLE HEAT NY, North Country School Boiler	278,625
Northeast Energy Efficiency Partnerships	4/23/2021	Product Standards, Prod & Appliance Stnd Portal	50,000
	5/10/2021	Air Source Heat Pumps, 2021 Membership	25,000
		Clean Energy Communities, 2021 Membership	10,000
		Code to Zero, 2021 Membership	20,000
		Home Energy Ratings, 2021 Membership	25,000
		NYSERDA ADMINISTRATION, 2021 Membership	10,000
		Product Standards, 2021 Membership	25,000
		Prof & Expert Engagement, 2021 Membership	50,000
		Strategic Energy Manager, 2021 Membership	10,000
	7/21/2021	NYCH: Technical Assistance, Single Family Residential	181,668
7/28/2021	NYCH: Critical Tools, NEEP Sizing Visualization Tool	50,000	
Norton Rose Fulbright US LLP	8/13/2021	NEW YORK GREEN BANK, RFP 12: NYGB Legal Services	18,836
Novel Approaches Solar Applications, ..	4/29/2021	<200KW PV, PON 2112 NY SUN	400
NP Environmental LLC	6/22/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
NRP Holdings LLC	8/4/2021	New Construction Housing, NCP Housing	86,000
Nsf Enfield Site 1,LLC	5/13/2021	>200KW PV, NY Sun	820,958
Nsf Enfield Site 2, LLC	5/13/2021	>200KW PV, NY Sun	820,958
Nsf Enfield Site 3, LLC	5/13/2021	>200KW PV, NY Sun	820,958
NSF Torrey Site 1, LLC	5/13/2021	>200KW PV, NY Sun	824,896
NSF Torrey Site 2, LLC	5/13/2021	>200KW PV, NY Sun	824,896
NSF Torrey Site 3, LLC	5/13/2021	>200KW PV, NY Sun	824,896
Nuvve Corporation	8/25/2021	Electric Vehicles - Innovation, PON 3578 R1 CAT4	482,943
NuWorld Lighting Solutions Inc	4/30/2021	WORKFORCE DEVELOPMENT, OJT HIRE	17,920
NY 262 LIBERTYVILLE LLC	9/16/2021	NY-SUN, NY-Sun	874,368
NY 789 TARBELL HILL LLC	6/15/2021	>200KW PV, NY Sun	824,947
NY Bethel I, LLC	6/29/2021	>200KW PV, NY-Sun C/I Full Assignment	1,058,092
NY CDG 002 LLC	4/2/2021	>200KW PV, NY-Sun	120,171
	5/24/2021	>200KW PV, NY-Sun	123,369
NY CS Lessor III Owner, LLC	6/7/2021	NY Green Bank, Generate CDG (Borrower 3)	57,000,000
NY Farmington I, LLC	5/11/2021	>200KW PV, NY Sun	358,020
NY Farmington II, LLC	5/11/2021	>200KW PV, NY Sun	358,020
NY Farmington III, LLC	5/11/2021	>200KW PV, NY Sun	358,020
NY Pike I, LLC	5/11/2021	>200KW PV, NY Sun	488,376

## Contracts Executed

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Contractor	Date Encumbered	Contract Description	Total Contract Amount
NY Pike II, LLC	5/11/2021	>200KW PV, NY Sun	1,200,010
NY Pike III, LLC	5/25/2021	>200KW PV, NY Sun	837,216
NY Pike IV, LLC	5/11/2021	>200KW PV, NY Sun	418,608
NY TICE LANE 1 LLC	7/12/2021	>200KW PV, NY Sun	820,864
		NY-SUN, NY Sun	1,119,360
NY TICE LANE 2 LLC	7/6/2021	>200KW PV, NY Sun	193,600
		NY-SUN, NY Sun	264,000
NY Tioga I, LLC	4/1/2021	>200KW PV, NY Sun	943,020
		NY-SUN, NY Sun	1,305,720
NY USLE Carthage SR26 A LLC	5/11/2021	>200KW PV, NY Sun Assignment	1,124,908
		NY-SUN, NY Sun Assignment	1,349,889
NY USLE Carthage SR26 B LLC	5/11/2021	>200KW PV, NY Sun Assignment	742,456
		NY-SUN, NY Sun Assignment	890,947
NYS Office for Technology	7/26/2021	NYSERDA ADMINISTRATION, Office 365: 4/2021 - 3/2022	172,068
NYS Office of Information Technology Ser	6/30/2021	NYSERDA ADMINISTRATION, Office 365 2020 - 2021	1,391
	8/11/2021	NYSERDA ADMINISTRATION, ITS Outstanding Bills Prior to	57,778
NYS School Facilities Association, Inc.	5/17/2021	Workforce Industry Partnership, PON 3715 (BOM)	350,000
NYSDEC	6/29/2021	WEST VALLEY DEVELOPMENT PROGRAM, WV-Admin	450,000
NYSS LLC	5/11/2021	<200KW PV, NY-Sun	7,296
	6/1/2021	COMMUNITY SOLAR, PON 2112 NY SUN	5,320
	6/3/2021	<200KW PV, NY-Sun	9,424
	6/8/2021	<200KW PV, NY-Sun	6,384
	7/20/2021	COMMUNITY SOLAR, PON 2112 NY SUN	608
	9/1/2021	<200KW PV, NY-Sun	5,776
	9/8/2021	COMMUNITY SOLAR, PON 2112 NY SUN	6,384
O'Brien & Gere Engineers, Inc.	6/25/2021	Commercial New Construc, New Construction	48,180
	9/27/2021	Technical Services, FT13857 - NYS OPWDD - FTC	322,355
O'Connell Electric Company	7/26/2021	<200KW PV, PON 2112 NY SUN	77,350
Ocean Tech Services LLC	8/13/2021	OREC: Technical Support, RFP 3855 Metocean Cat. 1: FLSS	1,314,920
OLA Consulting Engineers, P.C.	7/29/2021	New Construction- Commercial, Commercial New Construction	61,943
	8/10/2021	Technical Services, WP05 - Stone Barns - FTC	31,585
Olin Corporation	9/7/2021	On-Site Energy Manager, OsEM76-I - Olin Corporation	199,972
Omni Cuba Solar, LLC	7/6/2021	>200KW PV, NY Sun	823,680
Omni New York LLC	7/21/2021	Empire Building Challenge, EBC-Phase I-Omni	125,000
		NYCH: Empire Build Challenge, EBC-Phase I-Omni	125,000
Omni Otto A Solar, LLC	4/7/2021	>200KW PV, NY Sun	823,680
Omni Otto B Solar, LLC	4/7/2021	>200KW PV, NY Sun	823,680
Omni Otto C Solar, LLC	5/13/2021	>200KW PV, NY Sun	823,680
Omni Richland North Solar, LLC	4/30/2021	>200KW PV, NY Sun	733,590
Omni Richland South Solar, LLC	4/30/2021	>200KW PV, NY Sun	733,590
One West End Avenue Condominium	8/30/2021	NYCH: Technical Assistance, FT13587 - 1 West End - PON	19,925
Opinion Dynamics Corporation	7/28/2021	Clean Energy Communities, RFQ3183 Umbrella Agreement	690,638
OR 665 St. Marks, LLC	6/29/2021	Multifam Performance Pgm, Multifamily	14,700
Oracle America, Inc.	4/23/2021	NYSERDA ADMINISTRATION, Peoplesoft Enterprise 21 - 22	54,308
	5/26/2021	NYSERDA ADMINISTRATION, Peoplesoft - Oracle 2020 /2021	13,400
Orange EV LLC	7/28/2021	CLEAN TRANSPORTATION, NYTVIP - Wegman's	140,542
Otsego County Conservation Association	6/11/2021	Community RH&C, CH&C Communities Round 3	55,848
		NYCH: LMI, CH&C Communities Round 3	55,848
	7/29/2021	Community RH&C, PON3723 RH&C Campaigns	50,000
Otto CSG I, LLC	9/14/2021	>200KW PV, NY Sun	910,003
		NY-SUN, NY Sun	1,120,003
Ove Arup & Partners Consulting Engineers	8/6/2021	Product Standards, TWO #2_ARUP	15,000
	9/28/2021	Empire Building Challenge, TWO 3 SDA tool, partner engage	25,000
		NYCH: Empire Build Challenge, TWO 3 SDA tool, partner enga..	25,000
Owahgena Consulting, Inc.	4/8/2021	Air Source Heat Pumps, Heat Pump Technical Assistance	50,000
		Campus/Technical Assistance, Heat Pump Technical Assistance	50,000

## Contracts Executed

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Contractor	Date Encumbered	Contract Description	Total Contract Amount
Owahgena Consulting, Inc.	6/8/2021	ENERGY ANALYSIS, BEEM Technical Analysis	50,000
OYA Camillus A LLC	4/20/2021	>200KW PV, NY Sun	730,884
OYA Camillus B LLC	4/20/2021	>200KW PV, NY Sun	705,012
OYA ELLISBURG SOLAR LLC	6/15/2021	>200KW PV, NY Sun	730,884
OYA Shoddy Hollow Road LLC	4/27/2021	>200KW PV, NY Sun	713,097
		NY-SUN, NY Sun	972,405
Pametan, Inc.	8/19/2021	Real Time Enrgy Management, Pametan- 11 Penn Plaza -RTEM	57,200
	9/14/2021	Real Time Enrgy Management, Ecorithm-350 Park Ave - RTEM	33,800
	9/15/2021	Real Time Enrgy Management, Pametan - 888 7th Ave - RTEM	49,800
Paradise Energy Solutions, LLC	4/23/2021	<200KW PV, PON 2112 NY SUN	5,460
	4/27/2021	<200KW PV, PON 2112 NY SUN	45,360
	6/3/2021	<200KW PV, PON 2112 NY SUN	12,477
	6/16/2021	<200KW PV, PON 2112 NY SUN	7,140
Parity Inc	5/5/2021	Real Time Enrgy Management, Parity - 655 6th Avenue - RTEM	15,182
	9/23/2021	Real Time Enrgy Management, Parity-450 North End Ave-RTEM	300
Passive House Accelerator LLC	7/15/2021	New Construction Housing, Gen. Marketing & Outreach 2021	40,000
		New Construction- Commercial, Gen. Marketing & Outreach 20..	10,000
	8/2/2021	New Construction Housing, Strategic Industry Partner Eng	40,000
		New Construction- Commercial, Strategic Industry Partner Eng	10,000
Passive House Alliance US - Hudson Valle	8/31/2021	New Construction Housing, Gen. Marketing & Outreach 2021	40,000
		New Construction- Commercial, Gen. Marketing & Outreach 20..	10,000
Pathfinder Engineers & Architects, LLP	8/10/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
		Talent Pipeline:CE and OJT, OJT HIRE	9,600
	8/25/2021	New Construction- Commercial, Commercial New Construction	20,946
Pathstone Corporation	9/2/2021	Community Energy Engagement, CEEP Finger Lakes Region (..	49,017
Patriot Energy Solutions Corp	6/1/2021	<200KW PV, NY-Sun	6,132
Pecan Street Inc.	9/30/2021	IEDR: Program Manager, IEDR Utility Data Advisor	400,000
Pelham Fifth Ave JV LLC	8/23/2021	Net Zero Energy for Eco Dev, Net Zero Economic Development	943,072
PEMM LLC	4/15/2021	Technical Services, FT13364 - Hess Mart - PON	5,573
Pendleton Solar 2, LLC	5/29/2021	>200KW PV, NY Sun	662,965
		NY-SUN, NY Sun	795,558
People United for Sustainable Housing In	8/12/2021	Single Family New Construction, NCP Housing	15,000
	8/20/2021	Single Family New Construction, NCP Housing	56,000
Performance Systems Development, Inc.	8/17/2021	NYCH: Comfort Home, TWO 3 - HPR OpenStudio/EPI	273,907
		NYCH: Critical Tools, TWO 3 - HPR OpenStudio/EPI	73,868
Peter L. Krog	5/18/2021	WEST VALLEY DEVELOPMENT PROGRAM, Ashford Office C..	521,898
Pictometry International Corp.	6/21/2021	BR: Prospecting, subscription for aerial images	7,000
Pivot Solar NY 1 LLC	6/15/2021	>200KW PV, NY Sun	714,725
Pivot Solar NY 4 LLC	6/15/2021	>200KW PV, NY Sun	395,894
Pivotal 180, LLC	6/3/2021	NEW YORK GREEN BANK, Intern Financial Training	7,000
PLB Oil & Gas Consult LLC	4/20/2021	NYGB Investment Support	50,000
Plugin Stations Online, LLC	5/10/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,680
PlugPV, LLC	4/5/2021	<200KW PV, PON 2112 NY SUN	5,264
	4/13/2021	<200KW PV, PON 2112 NY SUN	5,152
	4/14/2021	<200KW PV, PON 2112 NY SUN	5,152
	4/23/2021	<200KW PV, PON 2112 NY SUN	6,832
	5/5/2021	<200KW PV, PON 2112 NY SUN	5,040
	5/11/2021	<200KW PV, PON 2112 NY SUN	5,236
	5/13/2021	<200KW PV, PON 2112 NY SUN	5,163
	5/17/2021	<200KW PV, PON 2112 NY SUN	12,726
	5/26/2021	<200KW PV, PON 2112 NY SUN	5,040
	5/28/2021	<200KW PV, PON 2112 NY SUN	6,069
	6/2/2021	<200KW PV, PON 2112 NY SUN	126
	6/8/2021	<200KW PV, PON 2112 NY SUN	5,950
	6/9/2021	<200KW PV, PON 2112 NY SUN	8,092
	6/10/2021	<200KW PV, PON 2112 NY SUN	6,069

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Date Encumbered</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>PlugPV, LLC</b>	6/14/2021	<200KW PV, PON 2112 NY SUN	5,950
	6/15/2021	<200KW PV, PON 2112 NY SUN	6,069
	6/16/2021	<200KW PV, NY-Sun	8,704
	6/17/2021	<200KW PV, PON 2112 NY SUN	5,236
	6/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	19,200
	6/30/2021	<200KW PV, PON 2112 NY SUN	11,305
	7/1/2021	<200KW PV, NY-Sun	8,704
	7/2/2021	<200KW PV, PON 2112 NY SUN	7,021
	7/6/2021	<200KW PV, PON 2112 NY SUN	13,685
	7/14/2021	<200KW PV, PON 2112 NY SUN	5,117
	7/15/2021	<200KW PV, PON 2112 NY SUN	13,447
	7/29/2021	<200KW PV, PON 2112 NY SUN	5,355
	8/2/2021	<200KW PV, PON 2112 NY SUN	13,923
	8/3/2021	<200KW PV, PON 2112 NY SUN	7,854
	8/4/2021	<200KW PV, PON 2112 NY SUN	5,152
	8/16/2021	<200KW PV, PON 2112 NY SUN	13,209
	8/30/2021	<200KW PV, PON 2112 NY SUN	12,971
	9/1/2021	<200KW PV, PON 2112 NY SUN	5,593
	9/7/2021	<200KW PV, PON 2112 NY SUN	5,236
	9/10/2021	<200KW PV, NY-Sun	16,320
	9/15/2021	<200KW PV, PON 2112 NY SUN	2,765
	9/21/2021	<200KW PV, PON 2112 NY SUN	6,902
9/22/2021	<200KW PV, NY-Sun	9,248	
<b>Porter Avenue Acquisitions, LP</b>	8/17/2021	Multifam Performance Pgm, Multifamily	437,500
	9/14/2021	NYCH: LMI, Clean Heating & Cooling	800,000
<b>Potentia Management Group LLC</b>	5/10/2021	Talent Pipeline:CE and OJT, OJT HIRE	6,461
	5/19/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,526
	7/14/2021	Talent Pipeline:CE and OJT, OJT HIRE	11,539
	7/29/2021	Talent Pipeline:CE and OJT, OJT HIRE	13,846
	8/25/2021	Talent Pipeline:CE and OJT, OJT Hire Alberici	10,752
	9/9/2021	Talent Pipeline:CE and OJT, OJT HIRE	12,000
<b>Power Advisory LLC</b>	4/20/2021	REC4:CES REC4 Tech Support, IE T4	44,800
<b>PowerGEM, LLC</b>	9/16/2021	BR: Interconnection, Benson Mines Interconnection	16,480
<b>Praveen Amar</b>	6/30/2021	Environmental Research, Science Advisors	48,000
<b>Prescriptive Data</b>	7/29/2021	Real Time Enrgy Management, Prescriptive-767 Fifth-RTEM	145,657
<b>Principle Power Inc</b>	6/17/2021	Nat'l OffShWind R&D Consortium, Natl Offshore Wind R&D	725,617
		Natl Offshore Wind R&D	725,617
<b>Pro Custom Solar LLC</b>	7/14/2021	<200KW PV, PON 2112 NY SUN	6,545
<b>Prospekt West LLC</b>	6/23/2021	NEW YORK GREEN BANK, Konstantin Driker	186,956
<b>Provantage, LLC</b>	4/1/2021	NYSERDA ADMINISTRATION, Monitors 50 Mini Bid RTW	11,428
<b>Providence Housing Development Corp</b>	8/23/2021	Buildings of Excellence, Buildings of Excellence R1	850,000
<b>Quanta Technology LLC</b>	5/4/2021	High Performing Grid, Power Grid Innovation	400,000
	7/21/2021	High Performing Grid, Grid Performance Gaps	687,000
<b>Quest Energy Group</b>	4/28/2021	Commercial Real Estate Ten, Quest Energy - 20 W 34 Street	2,000
<b>QwikSolar, LLC</b>	4/5/2021	<200KW PV, PON 2112 NY SUN	6,720
	5/7/2021	<200KW PV, PON 2112 NY SUN	8,750
	6/16/2021	<200KW PV, PON 2112 NY SUN	6,843
	9/30/2021	<200KW PV, PON 2112 NY SUN	7,224
<b>R3 Energy Management Audit &amp; Review, LLC</b>	8/20/2021	Real Time Enrgy Management, R3 Energy-575 Madison-RTEM	20,760
		Real Time Enrgy Management, SteinbergPokoik-1430Brdwy-RT..	6,000
<b>Radiant Labs, LLC</b>	9/13/2021	NYCH: Technical Assistance, Radiant Labs Roadmap Tool	198,500
<b>Raj Technologies Inc.</b>	5/13/2021	NYSERDA ADMINISTRATION, Modification - Name Change	394,673
<b>Rak 1 Solar LLC</b>	4/30/2021	>200KW PV, NY Sun	714,820
<b>Rak 2 Solar LLC</b>	4/30/2021	>200KW PV, NY Sun	500,504
<b>Randstad North America Inc</b>	5/20/2021	Cleantech ICC Engage, TS.003_TBI Coordinator	10,949
		Energy Storage Tech/Prod Dev, TS.003_TBI Coordinator	10,949

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Randstad North America Inc	5/20/2021	High Performing Grid, TS.003_TBI Coordinator	10,949
		NYCH: Innovation, TS.003_TBI Coordinator	10,949
		Pub Transit & Elect Rail, TS.003_TBI Coordinator	10,949
Randstad North America, Inc.	4/9/2021	Code to Zero, Payroll Services_CPS Sr. PM	483,327
	4/27/2021	Home Perf w Energy Star, Payroll Services_EAE Intern	21,548
	4/30/2021	Clean Energy Communities, Payroll Services_CEC PM-1	143,013
	5/3/2021	NYSERDA ADMINISTRATION, Payroll Services_Eval Intern	5,387
		Payroll Services_Eval Intern	16,161
	5/19/2021	Code to Zero, Payroll Services_CPS	10,774
		Code to Zero, Payroll Services_Market Dev	10,774
		NYSERDA ADMINISTRATION, Payroll Services_Office of CIO	12,431
	5/24/2021	NYSERDA ADMINISTRATION, Payroll Services_EAE_intern	10,774
	5/25/2021	ENERGY ANALYSIS, Payroll Services_Modeling & An	1,326
	5/26/2021	NYSERDA ADMINISTRATION, Payroll Services_SFR_intern	10,774
	5/27/2021	NEW YORK GREEN BANK, Payroll Services_NYGB_intern	31,054
		NYCH: Innovation, Payroll Services_Advanced Buil	21,548
	5/28/2021	NYSERDA ADMINISTRATION, Payroll Services_Legal_Intern	10,774
	7/26/2021	Community RH&C, PS.056_CHC APM	182,013
		NYSERDA ADMINISTRATION, TS.022 - Facilities Clerk	115,830
	8/31/2021	NYSERDA ADMINISTRATION, Payroll Services_Web Ops	60,840
9/1/2021	NYCH: District, Clean Heating & Cooling	19,013	
9/9/2021	Healthy Homes VB Payment Pilot, Payroll Services_EAE	18,600	
	Home Perf w Energy Star, Payroll Services_EAE	78,900	
	NYSERDA ADMINISTRATION, Payroll Services	57,038	
RBFunding LLC	6/21/2021	Combined Heat and Power, CHPA-45 Tehama Street	5,773
		Combined Heat and Power, CHPA-730 E 236th St	8,616
		Combined Heat and Power, CHPA-1985 Ocean Ave, Brooklyn	5,773
		Combined Heat and Power, CHPA-2206 Holland Ave	8,616
		Combined Heat and Power, CHPA-2630 Ocean Ave, Brooklyn	5,773
		Combined Heat and Power, CHPA-4138 Barnes Ave, Bronx	5,773
Re:Vision Architecture, Inc.	7/21/2021	New Construction- Commercial, Commercial New Construction	62,952
Regan Development Corp	5/27/2021	New Construction Housing, 2020 LRNCP	56,000
Regional Economic Models, Inc	9/16/2021	ENERGY ANALYSIS, REMI User License and Fee 2021	44,000
Remelt Solar 1, LLC	4/2/2021	>200KW PV, NY Sun	1,186,056
ReneSola Power Holdings, LLC	4/20/2021	>200KW PV, NY Sun	758,888
Renewable Rochester LLC	6/1/2021	<200KW PV, PON 2112 NY SUN	7,245
	6/2/2021	<200KW PV, PON 2112 NY SUN	12,600
	6/8/2021	<200KW PV, PON 2112 NY SUN	5,891
	6/30/2021	<200KW PV, PON 2112 NY SUN	5,040
	7/1/2021	<200KW PV, PON 2112 NY SUN	10,584
	8/16/2021	<200KW PV, PON 2112 NY SUN	7,938
	8/18/2021	<200KW PV, PON 2112 NY SUN	5,544
	9/23/2021	<200KW PV, PON 2112 NY SUN	8,750
	9/27/2021	<200KW PV, PON 2112 NY SUN	5,544
	Renovus Energy, Inc.	4/9/2021	<200KW PV, PON 2112 NY SUN
5/6/2021		<200KW PV, PON 2112 NY SUN	7,088
5/27/2021		<200KW PV, PON 2112 NY SUN	8,759
7/27/2021		<200KW PV, PON 2112 NY SUN	7,088
8/10/2021		<200KW PV, PON 2112 NY SUN	7,654
8/18/2021		<200KW PV, PON 2112 NY SUN	8,260
9/8/2021		<200KW PV, PON 2112 NY SUN	6,804
9/17/2021		<200KW PV, PON 2112 NY SUN	6,143
Rensselaer Polytechnic Institute		4/13/2021	Environmental Research, A survey of Climate Change
Reos US Inc.	5/7/2021	Empire Building Challenge, EBC - Partner Cohort - Reos	125,000
		NYCH: Empire Build Challenge, EBC - Partner Cohort - Reos	125,000
Research Foundation of CUNY	5/24/2021	Rmve Barriers Dist Enrgy Storg, RFP 3407 TWO 3	325,537

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Research Foundation of SUNY	5/12/2021	Environmental Research, Graduate Fellowship - Biomass	45,000
	8/30/2021	Environmental Research, IDEA-NYS air quality forecast	129,174
Resilience Education Training and Inno..	9/20/2021	NY-SUN, NY-Sun	184,000
Resource Innovation Institute	4/15/2021	Advancing Ag Enrgy Technologie, RII Membership	5,000
Resource Refocus LLC	5/14/2021	Code to Zero, Comparison Analysis	50,000
	6/1/2021	Buildings of Excellence, Task Work Order No. 3	426,455
Resources for the Future Inc	7/21/2021	ENERGY ANALYSIS, TWO #3 Carbon Pricing Regime	99,988
		ENVIRONMENTAL RESEARCH, TWO #3 Carbon Pricing Regi..	99,988
RFP Enterprises LLC	5/28/2021	Innovation Advisors, Innovation Advisory Services 2	175,000
Richair Mechanical Inc.	8/23/2021	NYCH: Talent Ppln:CE and OJT, OJT Hire	12,960
Ricoh USA Inc	5/3/2021	NYSERDA ADMINISTRATION, RFP 3919-Sitecore CMS Admin	500,000
Ridgeline Heating and Cooling, LLC	9/8/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE STEVEN OSTROTH	10,240
Riseboro Community Partnership, Inc.	9/7/2021	New Construction Housing, NCP Housing	256,000
Robert K. Harmon & Company LLC	4/27/2021	Pay for Performance, MEETS - Robert K. Harmon - TWO	150,000
Rochester Institute of Technology	7/1/2021	M-Corps, ERP	49,625
	8/12/2021	Cleantech Incubator, PON3413 Clean Energy Incubator	380,000
Rocky Mountain Institute	6/29/2021	New Construction Housing, 140390 TWO#1	283,333
		New Construction- Commercial, 140390 TWO#1	141,667
	7/14/2021	Empire Building Challenge, Empire Bldg. Challenge - RMI	48,872
		NYCH: Empire Build Challenge, Empire Bldg. Challenge - RMI	48,872
8/4/2021	New Construction Housing, TWO 5-Short -term Tech Support	50,000	
Romulus Central School District	9/20/2021	K-12 SCHOOLS, P12GC-18D - Romulus CSD_D	228,800
Rosenblum Property Services, LLC	5/17/2021	SARATOGA TECHNOLOGY & ENERGY PARK, STEP Propert..	199,000
	9/15/2021	SARATOGA TECHNOLOGY & ENERGY PARK, TWO #7- Con..	11,145
Royal Realty Corp.	8/27/2021	Empire Building Challenge, EBC-Royal Realty Corp.	125,000
		NYCH: Empire Build Challenge, EBC-Royal Realty Corp.	125,000
Ruffalo Appliance	6/7/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,200
	6/22/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	6/29/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
Rural Ulster Preservation Company	8/17/2021	New Construction Housing, 2020 LRNCP	228,000
Ryan Homes (Virginia)	6/29/2021	New Construction Housing, NCP Housing	31,200
		Single Family New Construction, NCP Housing	11,400
	7/1/2021	Single Family New Construction, 2019 LRNCP	11,400
		Single Family New Construction, NCP Housing	13,800
	7/13/2021	Single Family New Construction, NCP Housing	15,000
8/17/2021	Single Family New Construction, NCP Housing	11,400	
S and S 2371 LLC	9/21/2021	New Construction Housing, NCP Housing	69,000
Safari Energy LLC	7/26/2021	>200KW PV, PON 2112 NY SUN	993,453
Saint Ann's School	4/14/2021	K-12 SCHOOLS, P12GC-40_E - St. Ann's - PON	24,600
Same Sun of Vermont, Inc	9/15/2021	<200KW PV, NY-Sun	20,000
SANFILIPPO SOLUTIONS INC.	9/23/2021	Talent Pipeline:CE and OJT, OJT HIRE	8,640
Savanna Fund	5/5/2021	Technical Services, OsEM74-C - Savanna Fund	191,022
SAW Associates LLC	4/19/2021	High Performing Grid, Integrated Energy Data Resourc	28,166
	5/21/2021	High Performing Grid, Integrated Energy Data Resourc	76,560
SBW Consulting	7/26/2021	Air Source Heat Pumps, Heat Pump Impact Evaluation	26,748
		EVALUATION, Heat Pump Impact Evaluation	2,971
Schneider Electric Buildings Americas, I	5/21/2021	Real Time Enrgy Management, Schneider-390 Madison Ave-RT..	8,283
Second Atlantic Terminal Corp.	6/29/2021	Multifam Performance Pgm, Multifamily	214,200
Second Lenox Terrace Associates LLC	5/11/2021	Multifam Performance Pgm, Multifamily	200,200
Seed Renewables Inc.	4/23/2021	<200KW PV, PON 2112 NY SUN	6,307
Sen Engineering Solutions Inc	6/2/2021	High Performing Grid, Power Grid Innovation	500,048
Setpoint AI Inc	9/1/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
SG Onedia PV LLC	6/15/2021	>200KW PV, NY Sun	824,956
SHI, Inc.	4/22/2021	NYSERDA ADMINISTRATION, AeroHive Hive Manager annual	7,291
	5/13/2021	NYSERDA ADMINISTRATION, Adobe Acrobat Pro licenses 1yr	91,870
	5/19/2021	NYSERDA ADMINISTRATION, Tableau Desktop Maintenance 1	84,623

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

Contractor	Date Encumbered	Contract Description	Total Contract Amount
SHI, Inc.	6/14/2021	NYSERDA ADMINISTRATION, USB-C to Ethernet Adapters 300	7,875
	6/21/2021	NYSERDA ADMINISTRATION, Surface Laptop One Batch 1	96,458
	6/25/2021	NYSERDA ADMINISTRATION, Imaging /shipping -300 laptops	7,809
	6/29/2021	NYSERDA ADMINISTRATION, Docking stations - new Laptops	26,352
	7/1/2021	NYSERDA ADMINISTRATION, Surface Laptop One – Batch 2	96,458
	8/2/2021	Pure Storage Array	192,949
Shinrin Yoku, LLC	5/5/2021	NY Green Bank, Wildflower Farms	25,000,000
Siemens Industry, Inc.	4/13/2021	Real Time Enrgy Management, Siemens-57 Pan Creek Dr-RTEM	102,752
	4/16/2021	Real Time Enrgy Management, Siemens-2 Buccaneer-RTEM	200,000
	4/19/2021	Real Time Enrgy Management, Siemens-1 Fountain-RTEM	107,986
		Real Time Enrgy Management, Siemens-5590 Bear Rd-RTEM	133,333
		Real Time Enrgy Management, Siemens-11060 US Rt 11-RTEM	37,443
	5/11/2021	Real Time Enrgy Management, Siemens-248 Rt 11-RTEM	57,296
	5/12/2021	Real Time Enrgy Management, Siemens_21 Institute St-RTEM	50,778
		Real Time Enrgy Management, Siemens- 350 Parrish Ave -RTE..	16,611
		Real Time Enrgy Management, Siemens-Brasher Falls CSD-RT..	85,995
		Real Time Enrgy Management, Siemens-Mt. Sinai West-RTEM	133,333
		Real Time Enrgy Management, Siemens-Multisite-RTEM	490,956
	6/18/2021	Real Time Enrgy Management, Siemens-1425 Portland-RTEM	88,538
	6/28/2021	Real Time Enrgy Management, Siemens-Mt. Sinai West-RTEM	106,732
	7/23/2021	Real Time Enrgy Management, Siemens-10 Cobham DR-RTEM	35,232
		Real Time Enrgy Management, Siemens-Multisite-RTEM	155,331
8/10/2021	OREC: Technical Support, TWO 2 Econ Study of Ntwrk OSW	50,000	
9/30/2021	ENERGY ANALYSIS, TWO#3 ZERO EMISSIONS IN 2040	200,000	
Sif Capital Advisors LLC	4/27/2021	Innovation Advisors, Innovation Advisory Services	175,000
Sigora Solar	5/14/2021	<200KW PV, PON 2112 NY SUN	6,930
	6/1/2021	<200KW PV, PON 2112 NY SUN	8,190
	9/1/2021	<200KW PV, PON 2112 NY SUN	5,418
	9/22/2021	<200KW PV, PON 2112 NY SUN	5,922
Silo City Phase I LLC	6/2/2021	New Construction Housing, 2019 MFCNP	120,800
Silver Lake Solar LLC	4/20/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
Simply Installs LLC	6/30/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	21,600
	8/26/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,800
Site Capture LLC	9/10/2021	Combined Heat and Power, Field inspection date capture	4,800
		Low Carbon Tech Demos, Field inspection date capture	6,800
		Multifam Performance Pgm, Field inspection date capture	7,200
		NYCH: Comfort Home, Field inspection date capture	1,200
Sitecore USA, Inc.	7/1/2021	NYSERDA ADMINISTRATION, Sitecore CMS Software 1 year	49,500
Siteimprove, Inc.	9/8/2021	NYSERDA ADMINISTRATION, Site Improve - 3 years	3,300
Sive Paget & Riesel PC	4/12/2021	BR: Program Implementation, BR Outside Counsel Support	250,000
	4/19/2021	NEW YORK GREEN BANK, RFP 12: NYGB Legal Services	8,059
	6/21/2021	NEW YORK GREEN BANK, RFP 12: NYGB Legal Services	23,289
	6/23/2021	REC4:CES REC4 Tech Support, Tier 4 Outside Counsel Support	100,000
	9/13/2021	NEW YORK GREEN BANK, RFP 12: NYGB Legal Services	436
Sixth Lenox Terrace Associates LLC	6/29/2021	Multifam Performance Pgm, Multifamily	198,100
Skyline Solar Inc.	4/16/2021	<200KW PV, PON 2112 NY SUN	8,750
	6/8/2021	<200KW PV, PON 2112 NY SUN	18,988
SL Ashville, LLC	5/13/2021	>200KW PV, NY Sun	1,272,348
SL Brockport, LLC	5/13/2021	>200KW PV, NY Sun	617,998
Smart Home Energy Source	6/11/2021	<200KW PV, NY-Sun	5,232
Smart Wires Inc.	8/2/2021	High Performing Grid, Power Grid Innovation	399,999
Smith Engineering PLLC	4/6/2021	Workforce Industry Partnership, PON 3715 BOM Training	345,958
	8/10/2021	NYCH: Technical Assistance, FT13634 - 521 5th - FTC	45,875
Snug Planet, LLC	4/6/2021	Talent Pipeline:CE and OJT, OJT HIRE	11,520
	7/28/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	13,680
	8/23/2021	NYCH: Talent Ppln:CE and OJT, OJT Hire	8,640

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Snug Planet, LLC	9/23/2021	Talent Pipeline:CE and OJT, OJT HIRE	6,400
Social Finance Inc.	5/7/2021	NYCH: Talent Ppln:CE and OJT, Social Finance Contract	439,652
Soho Village Hotel LLC	6/15/2021	NYCH: Technical Assistance, FT13553 - 66 Charlton - PON	7,568
Sol Customer Solutions LLC	9/30/2021	>200KW PV, NY-Sun	2,205,225
SOL NY Staten Island 1 Ellis, LLC	7/9/2021	>200KW PV, NY-Sun	155,226
SOLANTA CORP	4/19/2021	>200KW PV, PON 2112 NY SUN	15,700
	5/10/2021	>200KW PV, PON 2112 NY SUN	90,594
	5/11/2021	>200KW PV, PON 2112 NY SUN	17,010
	5/17/2021	>200KW PV, PON 2112 NY SUN	35,532
	5/18/2021	>200KW PV, PON 2112 NY SUN	11,718
	5/21/2021	>200KW PV, PON 2112 NY SUN	60,858
	5/25/2021	>200KW PV, PON 2112 NY SUN	21,546
	6/2/2021	>200KW PV, PON 2112 NY SUN	23,436
	6/4/2021	>200KW PV, PON 2112 NY SUN	27,594
	6/8/2021	>200KW PV, PON 2112 NY SUN	22,302
	6/29/2021	<200KW PV, PON 2112 NY SUN	6,388
Solar Bear Energy LLC	7/26/2021	<200KW PV, PON 2112 NY SUN	5,719
Solar Dad and Sons Inc	6/22/2021	ENERGY STORAGE, PON 2112 NY SUN	5,000
Solar Energy Systems, LLC	4/6/2021	>200KW PV, PON 2112 NY SUN	169,764
	7/26/2021	>200KW PV, PON 2112 NY SUN	8,901
	9/1/2021	>200KW PV, PON 2112 NY SUN	304,827
	9/7/2021	>200KW PV, PON 2112 NY SUN	127,710
	9/9/2021	<200KW PV, NY-Sun	28,224
		>200KW PV, NY-Sun	12,096
	9/10/2021	>200KW PV, PON 2112 NY SUN	107,457
Solar Liberty Energy Systems, Inc	4/19/2021	<200KW PV, NY-Sun	9,072
	4/22/2021	<200KW PV, PON 2112 NY SUN	8,687
	5/13/2021	<200KW PV, PON 2112 NY SUN	5,922
	5/18/2021	<200KW PV, PON 2112 NY SUN	8,694
	5/24/2021	<200KW PV, PON 2112 NY SUN	8,568
	5/27/2021	<200KW PV, PON 2112 NY SUN	11,498
	6/2/2021	<200KW PV, PON 2112 NY SUN	95,634
	6/4/2021	<200KW PV, PON 2112 NY SUN	80,850
	6/21/2021	<200KW PV, PON 2112 NY SUN	5,418
	6/29/2021	<200KW PV, PON 2112 NY SUN	17,277
	7/1/2021	<200KW PV, NY-Sun	14,200
	8/5/2021	<200KW PV, PON 2112 NY SUN	8,316
	9/7/2021	<200KW PV, NY-Sun	6,912
	9/22/2021	<200KW PV, PON 2112 NY SUN	206,024
	9/24/2021	<200KW PV, PON 2112 NY SUN	7,938
	9/29/2021	<200KW PV, PON 2112 NY SUN	8,750
Solar Tompkins Inc.	4/19/2021	Community RH&C, CH&C Communities Round 3	20,031
Solar Village Company LLC	5/3/2021	Buildings of Excellence, Buildings of Excellence R1	850,000
	5/10/2021	New Construction Housing, NCP Housing	76,800
	9/24/2021	<200KW PV, NY-Sun	306,000
	9/27/2021	<200KW PV, NY-Sun	153,000
SolarCommunities Inc.	4/2/2021	<200KW PV, PON 2112 NY SUN	5,544
	4/16/2021	<200KW PV, PON 2112 NY SUN	5,957
	4/27/2021	<200KW PV, NY-Sun	11,200
	4/28/2021	<200KW PV, PON 2112 NY SUN	5,180
	5/25/2021	<200KW PV, PON 2112 NY SUN	7,056
	5/26/2021	<200KW PV, PON 2112 NY SUN	5,670
	6/2/2021	<200KW PV, PON 2112 NY SUN	40,180
	6/25/2021	<200KW PV, PON 2112 NY SUN	6,605
	6/29/2021	<200KW PV, PON 2112 NY SUN	8,750
	7/6/2021	<200KW PV, PON 2112 NY SUN	6,468



**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Date Encumbered</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>SolarCommunities Inc.</b>	7/15/2021	<200KW PV, PON 2112 NY SUN	8,750
	7/22/2021	<200KW PV, PON 2112 NY SUN	178
	7/23/2021	<200KW PV, PON 2112 NY SUN	5,292
	8/3/2021	<200KW PV, PON 2112 NY SUN	5,453
	8/16/2021	<200KW PV, PON 2112 NY SUN	6,699
	8/18/2021	<200KW PV, PON 2112 NY SUN	5,852
	8/23/2021	<200KW PV, PON 2112 NY SUN	5,320
	9/1/2021	<200KW PV, PON 2112 NY SUN	5,453
	9/7/2021	<200KW PV, PON 2112 NY SUN	7,004
	9/15/2021	<200KW PV, PON 2112 NY SUN	53,277
	9/16/2021	<200KW PV, PON 2112 NY SUN	5,670
	9/23/2021	<200KW PV, PON 2112 NY SUN	33,110
	9/24/2021	<200KW PV, PON 2112 NY SUN	8,614
	9/30/2021	<200KW PV, PON 2112 NY SUN	5,187
	<b>SolarPark 4a, LLC</b>	7/6/2021	>200KW PV, NY Sun
<b>Solitude Solar LLC</b>	5/13/2021	>200KW PV, NY Sun	825,000
	6/29/2021	>200KW PV, NY Sun	89,894
<b>Sologistics, LLC</b>	7/28/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,240
<b>Somers Solar, LLC</b>	8/18/2021	REC:CES REC Contracts, RESRFP20-1	11,922,311
<b>Southside United HDFC</b>	6/29/2021	Buildings of Excellence, Buildings of Excellence R1	637,500
<b>Spencer Van Etten Central School Distr..</b>	8/25/2021	K-12 SCHOOLS, P12GC-53E - Spencer Van - PON	52,000
<b>SPO NY Holdings 1, LLC</b>	8/23/2021	>200KW PV, NY Sun	1,950,792
		NY-SUN, NY Sun	991,162
<b>Stacks and Joules Inc.</b>	5/24/2021	NYCH: Talent Ppln:CE and OJT, Career Pathway HVAC/Heat P..	540,485
<b>Standard Insulating Company</b>	5/14/2021	Talent Pipeline:CE and OJT, OJT HIRE	12,000
<b>Stash Energy Inc</b>	4/29/2021	NYCH: Innovation, Mini-split heat pumps w/storag	455,000
<b>STAT Architecture PC</b>	4/23/2021	Buildings of Excellence, BoE Rnd 1 - Design Team Incen.	60,177
<b>State University of New York</b>	6/23/2021	Energy Storage Tech/Prod Dev, Renewable Optimz Energy Stor..	50,000
<b>Steed Energy LLC</b>	9/29/2021	<200KW PV, PON 2112 NY SUN	7,849
<b>Steven Winter Associates, Inc.</b>	4/8/2021	NYCH: Technical Assistance, FT13429 - 1485 5th - FTC	20,540
	4/9/2021	New Construction Housing, 2019 MFCNP	9,995
	4/14/2021	NYCH: Technical Assistance, FT13430 - 389 East 89th - FTC	19,875
	4/16/2021	Workforce Industry Partnership, PON 3715 Workforce Training	278,061
	4/21/2021	NYCH: Technical Assistance, FT13456 - 935 Park - FTC	9,050
	4/22/2021	Buildings of Excellence, BoE Rnd 1 - Design Team Incen.	150,000
	5/3/2021	NYCH: Technical Assistance, FT13479 - 88-36 77th - FTC	10,050
	5/7/2021	NYCH: Supply Chain, ASHP SupplyChain Develop Mtgs	47,865
	5/11/2021	Multifam New Construction, MFNCP-Sendero VerdeC-Mentoring	8,466
	6/21/2021	NYCH: Technical Assistance, FT13551 - One Park - FTC	7,750
	6/29/2021	Empire Building Challenge, EBC TA - SWA	125,000
		NYCH: Empire Build Challenge, EBC TA - SWA	125,000
		Technical Services, FT13538 - 58 W 40th - FTC	16,400
		Technical Services, FT13539 - 70 W 40th - FTC	14,450
	7/7/2021	NYCH: Innovation, PON3519 Round 1	42,931
	8/4/2021	Multifam New Construction, New Construction	5,300
	8/10/2021	Workforce Industry Partnership, PON 3715 (BOM)	1,091,029
		Workforce Industry Partnership, PON 3715 (R5) BOM	792,080
	9/3/2021	Multifam New Construction, New Construction	9,992
	9/7/2021	REV Connect, IMS SWA - Scalable Afford	1,500,000
9/28/2021	NYCH: Technical Assistance, FT13545 - 565 W 169th - FTC	24,000	
<b>Sun Source Technologies</b>	4/8/2021	<200KW PV, PON 2112 NY SUN	8,750
	4/12/2021	<200KW PV, PON 2112 NY SUN	5,040
	5/17/2021	<200KW PV, PON 2112 NY SUN	11,291
	5/26/2021	<200KW PV, PON 2112 NY SUN	8,694
	6/14/2021	<200KW PV, PON 2112 NY SUN	8,750
	7/23/2021	<200KW PV, PON 2112 NY SUN	12,938

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Date Encumbered</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Sun Source Technologies</b>	7/26/2021	<200KW PV, PON 2112 NY SUN	5,985
	8/16/2021	<200KW PV, PON 2112 NY SUN	6,461
<b>Sunamp Projects, Inc</b>	9/3/2021	NYCH: Innovation, Demo Tech Trans High Dens Ther	668,214
<b>SuNation Solar Systems, Inc.</b>	4/6/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	4/27/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	4/28/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	4/29/2021	ENERGY STORAGE, PON 2112 NY SUN	25,000
	5/3/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	5/13/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	5/18/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	5/19/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	5/27/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/1/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	6/2/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/3/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/9/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/25/2021	ENERGY STORAGE, PON 2112 NY SUN	18,750
	7/7/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	7/15/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	7/21/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
7/27/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250	
<b>SunEast Augustus Solar LLC</b>	8/4/2021	REC:CES REC Contracts, RESRFP20-1	11,621,089
<b>SunEast Flat Creek Solar LLC</b>	8/10/2021	REC:CES REC Contracts, RESRFP20-1	92,656,716
<b>SunEast Flat Stone Solar, LLC</b>	8/4/2021	REC:CES REC Contracts, RESRFP20-1	13,238,171
<b>SunEast Kingbird Solar, LLC</b>	8/4/2021	REC:CES REC Contracts, RESRFP20-1	12,511,775
<b>SunEast Transit Solar LLC</b>	8/4/2021	REC:CES REC Contracts, RESRFP20-1	12,744,139
<b>Sunkeeper Solar LLC</b>	6/15/2021	>200KW PV, PON 2112 NY SUN	34,298
	6/30/2021	>200KW PV, PON 2112 NY SUN	21,414
	7/21/2021	>200KW PV, PON 2112 NY SUN	21,414
	7/28/2021	>200KW PV, PON 2112 NY SUN	21,414
	8/4/2021	<200KW PV, NY-Sun	32,760
		>200KW PV, NY-Sun	14,040
	9/16/2021	<200KW PV, NY-Sun	11,232
		>200KW PV, NY-Sun	2,808
9/17/2021	>200KW PV, PON 2112 NY SUN	15,643	
<b>Sunlight General Capital LLC</b>	5/24/2021	>200KW PV, NY Sun	703,589
		NY-SUN, NY Sun	1,918,877
<b>Sunnova Energy Corp</b>	5/20/2021	<200KW PV, PON 2112 NY SUN	952
	7/26/2021	<200KW PV, PON 2112 NY SUN	6,307
<b>SunPower Capital, LLC</b>	4/15/2021	<200KW PV, PON 2112 NY SUN	5,837
	5/3/2021	<200KW PV, PON 2112 NY SUN	5,880
	6/1/2021	<200KW PV, PON 2112 NY SUN	5,180
	7/21/2021	<200KW PV, PON 2112 NY SUN	5,379
	7/23/2021	<200KW PV, PON 2112 NY SUN	5,320
	9/28/2021	<200KW PV, NY-Sun	18,720
<b>SunPower Corporation</b>	4/1/2021	>200KW PV, NY-Sun	1,953,803
	4/6/2021	>200KW PV, NY-Sun	2,013,180
	4/15/2021	<200KW PV, NY-Sun	4,037,670
<b>Sunrise Solar Solutions, LLC</b>	5/10/2021	>200KW PV, PON 2112 NY SUN	82,742
	6/8/2021	<200KW PV, PON 2112 NY SUN	8,064
	7/22/2021	<200KW PV, NY-Sun	98,161
		>200KW PV, NY-Sun	42,069
9/9/2021	>200KW PV, PON 2112 NY SUN	844,812	
<b>SunRun, Inc</b>	4/12/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	4/13/2021	<200KW PV, PON 2112 NY SUN	5,355

**Contracts Executed**  
 Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
SunRun, Inc	4/28/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	4/29/2021	<200KW PV, PON 2112 NY SUN	6,307
	5/3/2021	<200KW PV, PON 2112 NY SUN	5,117
	5/5/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	5/6/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	5/7/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	5/11/2021	<200KW PV, PON 2112 NY SUN	5,236
	5/18/2021	<200KW PV, PON 2112 NY SUN	5,688
		ENERGY STORAGE, PON 2112 NY SUN	6,250
	5/21/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	5/25/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	5/27/2021	<200KW PV, PON 2112 NY SUN	5,117
	6/2/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/11/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/14/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	6/15/2021	<200KW PV, PON 2112 NY SUN	5,117
	6/21/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/23/2021	<200KW PV, PON 2112 NY SUN	6,188
	6/28/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	7/8/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	7/14/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	7/16/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	7/19/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	7/20/2021	<200KW PV, PON 2112 NY SUN	5,712
	7/29/2021	<200KW PV, PON 2112 NY SUN	11,093
	8/16/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	8/18/2021	<200KW PV, PON 2112 NY SUN	5,591
	8/30/2021	<200KW PV, PON 2112 NY SUN	5,236
	8/31/2021	<200KW PV, PON 2112 NY SUN	6,260
	9/7/2021	<200KW PV, PON 2112 NY SUN	5,355
	9/9/2021	<200KW PV, PON 2112 NY SUN	12,614
	9/20/2021	<200KW PV, PON 2112 NY SUN	5,831
	9/23/2021	<200KW PV, PON 2112 NY SUN	6,004
	9/29/2021	<200KW PV, PON 2112 NY SUN	8,201
Sunwealth Power, Inc.	9/17/2021	<200KW PV, NY-Sun	87,848
		>200KW PV, NY-Sun	31,005
	9/22/2021	<200KW PV, NY-Sun	574,876
		>200KW PV, NY-Sun	202,901
SUNY Broome Community College	5/27/2021	NYCH: Technical Assistance, OsEM40-C-Broome Community C..	81,331
SUNY Morrisville	5/17/2021	REV Campus Challenge, RM37-SUNY Morrisville	131,348
	6/8/2021	REV Campus Challenge, RM37-SUNY Morrisville	80,543
SUNY Oneonta	6/25/2021	Commercial New Construc, New Construction	5,611
Surf Clean Energy Inc	4/5/2021	COMMUNITY SOLAR, NY-Sun	5,852
		ENERGY STORAGE, NY-Sun	3,440
	4/8/2021	<200KW PV, NY-Sun	6,408
	4/12/2021	<200KW PV, NY-Sun	6,160
	5/19/2021	<200KW PV, NY-Sun	5,632
	5/24/2021	<200KW PV, NY-Sun	6,336
	5/27/2021	<200KW PV, NY-Sun	32,032
	6/1/2021	<200KW PV, PON 2112 NY SUN	1,387
	6/7/2021	<200KW PV, PON 2112 NY SUN	4,617
	6/9/2021	<200KW PV, NY-Sun	8,176
	7/21/2021	COMMUNITY SOLAR, PON 2112 NY SUN	9,656
	9/22/2021	<200KW PV, NY-Sun	6,336
		COMMUNITY SOLAR, PON 2112 NY SUN	5,600
	9/24/2021	<200KW PV, NY-Sun	5,112

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Surf Clean Energy Inc	9/28/2021	<200KW PV, PON 2112 NY SUN	6,424
Sustainable Comfort, Inc	6/15/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,000
	6/29/2021	Buildings of Excellence, BoE Rnd 1 - Design Team Incen.	150,000
	7/14/2021	Talent Pipeline:CE and OJT, OJT HIRE	8,461
	9/9/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,240
	9/16/2021	New Construction Housing, NCP Housing	10,000
	9/30/2021	Buildings of Excellence, BoE Rnd 1 - Design Team Incen.	150,000
Sustainable Energy Developments Inc.	4/6/2021	<200KW PV, PON 2112 NY SUN	6,125
	4/7/2021	<200KW PV, PON 2112 NY SUN	6,125
	4/14/2021	<200KW PV, PON 2112 NY SUN	5,268
	4/27/2021	<200KW PV, PON 2112 NY SUN	5,390
	5/12/2021	<200KW PV, PON 2112 NY SUN	5,880
	5/25/2021	<200KW PV, PON 2112 NY SUN	5,023
	6/7/2021	<200KW PV, PON 2112 NY SUN	5,880
	6/9/2021	<200KW PV, PON 2112 NY SUN	5,880
	6/23/2021	<200KW PV, PON 2112 NY SUN	6,860
	6/28/2021	<200KW PV, PON 2112 NY SUN	6,860
	6/30/2021	<200KW PV, PON 2112 NY SUN	5,513
	7/16/2021	<200KW PV, PON 2112 NY SUN	5,758
	8/16/2021	<200KW PV, PON 2112 NY SUN	5,880
	8/18/2021	<200KW PV, PON 2112 NY SUN	5,023
	8/31/2021	<200KW PV, PON 2112 NY SUN	8,575
Sustainable Investment Group	4/26/2021	Technical Services, FT13288 - 1385 Broadway - FTC	18,625
Sustainable Westchester	8/2/2021	Code to Zero, Westchester NYStretch Outreach	50,000
SWBR Architecture, Engineering & Lan..	9/30/2021	Buildings of Excellence, BoE Rnd 1 - Design Team Incen.	150,000
Switch Automation Inc.	5/3/2021	Real Time Enrgy Management, Switch-1 Columbus-RTEM	571,136
Switched Source LLC	4/22/2021	High Performing Grid, Transient Studies	246,000
Syska Hennessy Group	7/23/2021	NYCH: Technical Assistance, FT13621 - 432 W 58th - FTC	23,344
	8/25/2021	NYCH: Technical Assistance, FT13590 - 51 Madison - FTC	57,475
T.M. Bier & Associates	4/8/2021	Real Time Enrgy Management, T.M Bier-717 5th Ave-RTEM	52,836
Taitem Engineering, P.C.	7/29/2021	Low Carbon Tech Demos, 3695 TWO Umbrella Agreement	101,800
	7/30/2021	NYCHA Heat Pump Spec & Mkt Res	50,000
	8/18/2021	New Construction Housing, 2019 MFCNP	5,508
	9/3/2021	Commercial New Construc, Commercial New Construction	12,630
Taylor Group LTD	6/30/2021	NYSERDA ADMINISTRATION, Display production for Admin	25,000
Tech Valley Talent, LLC	4/7/2021	NYSERDA ADMINISTRATION, TWO 5 .Net Software Dev.B Kh..	181,350
	4/16/2021	REC2:CES REC2 Syst Development, TWO #6 Salesforce Tech ..	46,620
		REC:CES REC System Dev Costs, TWO #6 Salesforce Tech -P..	77,700
		ZEC:CES ZEC System Dev Costs, TWO #6 Salesforce Tech -P..	31,080
	4/21/2021	NYSERDA ADMINISTRATION, TWO 5 .Net Software Dev.B Kh..	975
	6/15/2021	NYSERDA ADMINISTRATION, TWO #7 Software Dev. Zaheen	187,200
	6/25/2021	NYSERDA ADMINISTRATION, TWO 8 Server Op's -Rutvik C.	46,360
	8/2/2021	NYSERDA ADMINISTRATION, TWO #9 QA Analyst Beth Grav..	204,750
	8/18/2021	NYSERDA ADMINISTRATION, TWO #10 Server Ops – Ross	185,250
	8/31/2021	NYSERDA ADMINISTRATION, TWO #11 Info Security Services	191,100
	9/8/2021	NYSERDA ADMINISTRATION, TWO #13 Tableau Dev. Suresh	52,216
	9/13/2021	NYSERDA ADMINISTRATION, TWO #12 Project Mgr GIS, Brad	181,350
Tern Construction & Development, LLC	4/9/2021	New Construction Housing, 2019 LRNCP	58,400
	6/21/2021	Single Family New Construction, 2019 LRNCP	21,600
	6/22/2021	New Construction Housing, 2019 LRNCP	17,650
	7/21/2021	New Construction Housing, NCP Housing	144,000
Tesla Energy Operations Inc	4/5/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	4/6/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	4/9/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	4/13/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	4/14/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Date Encumbered</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Tesla Energy Operations Inc</b>	4/15/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	4/16/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	4/19/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	5/5/2021	<200KW PV, PON 2112 NY SUN	5,712
	5/17/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	5/21/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	5/25/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	6/3/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/4/2021	<200KW PV, PON 2112 NY SUN	5,712
		ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/15/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	6/16/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/23/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/29/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	6/30/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	7/8/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	7/9/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	7/14/2021	ENERGY STORAGE, PON 2112 NY SUN	12,500
	7/21/2021	ENERGY STORAGE, PON 2112 NY SUN	6,250
	9/2/2021	<200KW PV, PON 2112 NY SUN	1,190
<b>Tesla, Inc.</b>	4/5/2021	>200KW PV, NY Sun	385,560
<b>The Cadmus Group, LLC</b>	4/21/2021	Eval MCDC: MF Potential Study, TWO #8 EE Potential - Multifam	40,000
	4/28/2021	Informat. Products & Brokering, Atlas Buildings Hub	50,000
	5/7/2021	CLEAN TRANSPORTATION, TWO 5 Clean Transp Roadmap	138,979
	6/7/2021	OREC: Technical Support, Great Lakes Wind Facilitation	18,900
	6/15/2021	K-12 SCHOOLS, P-12 Schools Outreach - Cadmus	75,000
	7/2/2021	Code to Zero, RFQ3183 Umbrella Agreement	578,903
	8/19/2021	Community RH&C, RFP3751 Clean Heating & Coolin	546,000
<b>The Chancellor Masters &amp; Scholars</b>	9/2/2021	Technical Services, FT13610 - 198 Madison - PON	22,298
<b>The Coalition for Green Capital</b>	5/4/2021	Prof & Expert Engagement, 2021 GB Membership	7,000
	6/23/2021	Prof & Expert Engagement, American Green Bank Consortium	10,000
<b>The GreyEdge Group, LLC</b>	5/27/2021	Empire Building Challenge, EBC - Tech Services - GreyEdge	11,250
		NYCH: Empire Build Challenge, EBC - Tech Services - GreyEd..	11,250
<b>The Insulation Man LLC</b>	4/21/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,440
	6/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	6,960
	7/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	8,640
<b>The Levy Partnership, Inc.</b>	6/10/2021	NYCH: Innovation, Electrifying Hydronic Building	250,000
	8/10/2021	NextGen HVAC, Through-Wall Mini-Split Demo	306,521
<b>The News Funnel, LLC</b>	9/16/2021	RTEM and Tenants, CREtech 2021	10,000
<b>The Radiant Store</b>	7/13/2021	RENEWABLE HEAT NY, Clean Heating & Cooling	12,000
	7/20/2021	Renewable Heat NY, The Radiant Store - Fagan	12,000
<b>The Research Foundation for the State</b>	4/22/2021	New Construction Housing, 2021 Green Buildings Conf	4,000
		New Construction- Commercial, 2021 Green Buildings Conf	2,000
	8/9/2021	Environmental Research, Mobile Laboratory Measurements	149,496
	9/10/2021	Environmental Research, Low-Cost AQ Sensors	58,583
<b>The Research Foundation of SUNY at Bing</b>	4/9/2021	High Performing Grid, Stability Impact Analysis	400,000
	8/2/2021	Cleantech Incubator, PON3413 Clean Energy Incubator	380,000
<b>The Rise Owner LLC</b>	8/26/2021	New Construction Housing, NCP Housing	252,000
<b>The Standard Hydrogen Corporation</b>	5/25/2021	High Performing Grid, Economical Long-Duration	400,000
<b>The Trustees of Columbia University</b>	5/7/2021	Cleantech EIR, PON 3819	2,500,000
<b>ThermoAI INC</b>	6/2/2021	76 West, 76West Clean Energy Business C	1,000,000
<b>Thermodynamix LLC</b>	4/5/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,920
	4/20/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	6/22/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	8/26/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
<b>Third Lenox Terrace Associates LLC</b>	5/11/2021	Multifam Performance Pgm, Multifamily	200,200

**Contracts Executed**  
**Period 4/1/2021 through 9/30/2021**

Contractor	Date Encumbered	Contract Description	Total Contract Amount	
ThunderCat Technology LLC	4/23/2021	NYSERDA ADMINISTRATION, Confluence Plugins - Linchpin	10,262	
	7/1/2021	NYSERDA ADMINISTRATION, Cisco Umbrella Security	18,634	
	9/30/2021	NYSERDA ADMINISTRATION, Pyramid Consulting	159,000	
Tiffany Energy, LLC	6/9/2021	>200KW PV, NY Sun	1,330,560	
Timothy Marlett	5/4/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,680	
TJA NY 1454 CR 15 OSWEGATCHIE LLC	5/13/2021	>200KW PV, NY Sun	770,893	
TJA-NY-Barrett Rd New Woodstock, LLC	4/7/2021	>200KW PV, NY Sun	792,723	
TM Montante Solar Developments, LLC	9/16/2021	<200KW PV, PON 2112 NY SUN	74,760	
	9/24/2021	<200KW PV, PON 2112 NY SUN	503,272	
Tonawanda Housing Authority	4/9/2021	Tech Assistanc Multifamily LMI, FT13332 - 200 Gibson - PON	10,000	
		Tech Assistanc Multifamily LMI, FT13425 - Arthur Albright- PON	9,000	
		Tech Assistanc Multifamily LMI, FT13426 - Jacob J. - PON	7,500	
Tower Gardens Inc.	6/29/2021	Multifam Performance Pgm, Multifamily	146,300	
Town of Edinburg	5/21/2021	Clean Energy Communities, CEC400091 - Town of Edinburg	50,000	
Trane	4/28/2021	K-12 SCHOOLS, P12GC-43E - Johnson - FTC	114,344	
	6/18/2021	Real Time Enrgy Management, Fountain House-425 W 47th-RT..	5,909	
		Real Time Enrgy Management, Hudson City Schools-RTEM	35,808	
		Real Time Enrgy Management, KingsTheater-1027Flatbush-RT..	4,950	
		Real Time Enrgy Management, Multi Campus-100 Bridge-RTEM	50,068	
		Real Time Enrgy Management, St Ann'sWarehou-45WaterSt-R..	8,043	
		Real Time Enrgy Management, Trane - 685 3rd Ave - RTEM	143,440	
		Real Time Enrgy Management, Trane Us Inc-Multisite-RTEM	41,953	
		Real Time Enrgy Management, Trane-2320 US Rt 6-RTEM	27,743	
	6/23/2021	NYCH: Technical Assistance, FT13549 - Lincoln Center - FTC	78,541	
	7/2/2021	Real Time Enrgy Management, Trane - 21 Wynkoop Pl- RTEM	68,895	
		Real Time Enrgy Management, Trane - 107 Gross St-RTEM	73,112	
		Real Time Enrgy Management, Trane - Multisite - RTEM	70,375	
	7/6/2021	Real Time Enrgy Management, Trane - 1 Credit Union - RTEM	106,165	
		Real Time Enrgy Management, Trane - 8954 Jackson St- RTEM	100,457	
		Real Time Enrgy Management, Trane-2320 Route 6 - RTEM	133,333	
		Real Time Enrgy Management, Trane-Multisite-RTEM	123,213	
		Real Time Enrgy Management, Trane-North Colonie CSD-RTEM	247,404	
		7/8/2021	Real Time Enrgy Management, Trane-108 E 60th St-RTEM	22,628
	7/8/2021	Real Time Enrgy Management, Trane-1883 Genesee St-RTEM	74,443	
		Real Time Enrgy Management, Trane-Multisite-RTEM	87,114	
		8/24/2021	K-12 SCHOOLS, P12GC-46E- Rensselaer - FTC	38,865
	9/23/2021	K-12 SCHOOLS, P12GC-26E - Downsville - FTC	32,800	
	TRC Energy Services	4/14/2021	Multifam Performance Pgm, SA.014_TWO #7_MF_PM	64,755
			Multifam Performance Pgm, SA.017_TWO #9_MF_APM	38,790
		4/16/2021	Capital Planning, SA.075_TWO #26_MF_PM	69,875
			Low Carbon Tech Demos, SA.075_TWO #26_MF_PM	279,501
4/20/2021		Commercial New Construc, SA.042_TWO#17b - NCP NYC PM	46,174	
		Low Rise New Construction, SA.042_TWO#17b - NCP NYC PM	49,803	
		Multifam New Construction, SA.042_TWO#17b - NCP NYC PM	111,529	
		New Construction Housing, SA.042_TWO#17b - NCP NYC PM	28,178	
		New Construction- Commercial, SA.042_TWO#17b - NCP NYC ..	18,294	
		Single Family New Construction, SA.042_TWO#17b - NCP NY..	16,575	
6/25/2021		ENERGY ANALYSIS, SA.053a_TWO #20 - EEA	76,478	
7/21/2021		NYCH: Technical Assistance, FT13547 - Rockland - FTC	10,460	
8/10/2021		NYCH: Talent Ppln:CE and OJT, TWO #4 SIPPPRA Implementati..	200,000	
		Talent Pipeline:CE and OJT, TWO #4 SIPPPRA Implementation	200,000	
8/31/2021		NYCH: Talent Ppln:CE and OJT, Technical Review and Progra..	300,000	
		Talent Pipeline:CE and OJT, Technical Review and Program S	275,000	
		Talent Pipeline:Internship Pgm, Technical Review and Program S	250,000	
		Talent Pipeline:OSW Training, Technical Review and Program S	275,000	
		Workforce Industry Partnership, Technical Review and Program..	480,000	

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
TRC Energy Services	9/10/2021	Real Time Enrgy Management, SA.028_TWO #10_AES_PM	215,000
TRC Engineers, Inc.	5/3/2021	BR: Design, BR Benson Mines Engineering	236,000
		BR: Environmental, BR Benson Mines Env Permitting	134,900
	6/22/2021	BR: Screening, TWO- Cat 2_BR Site Crit. Issue	79,000
Trinity Hudson Holdings, LLC	7/27/2021	Empire Building Challenge, EBC-Phase I-Hines	125,000
		NYCH: Empire Build Challenge, EBC-Phase I-Hines	125,000
Trinity Solar Inc	5/20/2021	<200KW PV, PON 2112 NY SUN	6,069
	6/2/2021	<200KW PV, PON 2112 NY SUN	5,474
	6/3/2021	<200KW PV, PON 2112 NY SUN	5,831
	6/28/2021	<200KW PV, PON 2112 NY SUN	5,117
	9/9/2021	<200KW PV, PON 2112 NY SUN	5,950
	9/30/2021	<200KW PV, PON 2112 NY SUN	5,117
Trousdale Solar, LLC	7/6/2021	>200KW PV, NY Sun	716,126
True Building Performance LLC	6/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	5,760
	8/26/2021	Talent Pipeline:CE and OJT, OJT HIRE	5,760
True Energy Solutions	4/28/2021	Talent Pipeline:CE and OJT, OJT HIRE	8,160
	7/22/2021	Talent Pipeline:CE and OJT, OJT HIRE	12,640
	8/26/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	9/23/2021	Talent Pipeline:CE and OJT, OJT HIRE	19,680
Turin Solar Fund, LLC	8/20/2021	>200KW PV, NY Sun	734,400
Two Plus Four Construction Co., Inc.	4/9/2021	NYCH: Technical Assistance, FT13336 - 507 Austin - PON	7,413
UGE USA Inc.	5/20/2021	>200KW PV, PON 2112 NY SUN	11,928
	5/27/2021	>200KW PV, PON 2112 NY SUN	12,035
Ulster County BOCES	8/16/2021	Talent Pipeline:CE and OJT, PON3981 Round 11	450,000
Unique Comp Inc.	7/21/2021	NYSERDA ADMINISTRATION, TWO #2 Web Content Editor	126,750
	8/2/2021	NYSERDA ADMINISTRATION, TWO #3 Database Admin. Vina..	223,200
	8/27/2021	NYSERDA ADMINISTRATION, TWO #4 Salesforce PM - Nichols	224,250
	9/3/2021	NYSERDA ADMINISTRATION, TWO #5 Tableau Dev. Sudhans..	204,360
	9/20/2021	NYSERDA ADMINISTRATION, TWO #6 Sr. Software Dev. Ralph	189,150
Unique Electric Solutions of NYS LLC	7/21/2021	Pub Transit & Elect Rail, X-ray fast cure composite bus	80,000
	9/21/2021	CLEAN TRANSPORTATION, NYTVIP - Pioneer Trans Corp	600,000
University at Albany	5/3/2021	Environmental Research, AQHE PON 3921	113,393
University of Rochester	5/5/2021	OTHER PROGRAM AREA, Annual Support for Laboratory	825,000
	6/17/2021	Real Time Enrgy Management, URochester-390 Elmwood-RTEM	565,533
	6/21/2021	Real Time Enrgy Management, URochester-390 Elmwood-RTEM	117,471
		Real Time Enrgy Management, URochester-390 Elmwood-RTE..	115,508
	6/29/2021	Environmental Research, AQHE PON 3921	130,575
University System of New Hampshire	9/8/2021	U.S. DOE SEP Grant for oTherm	30,023
Uplight, Inc.	4/12/2021	GJGNY Market Rate Audits, Residential Program MgtRFP3545	132,600
Upstate Capital Association of New York	5/17/2021	Prof & Expert Engagement, 2021 Membership	50,000
Upstate Venture Connect	4/16/2021	Prof & Expert Engagement, 2021 Membership	25,000
Urban Cycling Solutions, inc.	8/10/2021	Pub Transit & Elect Rail, Clean Transportation	167,875
Urban Electric Power, LLC	4/5/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,040
	4/6/2021	Talent Pipeline:CE and OJT, OJT HIRE	21,120
	7/29/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,229
	8/25/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,232
	8/26/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,232
Urban Green Council	5/5/2021	Talent Pipeline:CE and OJT, PON3981 Round 10	137,955
Urban Homesteading Assistance Inc	4/5/2021	NY-SUN, PON 3414 Coops Go Solar	200,000
Urban Resource Institute	8/24/2021	New Construction Housing, NCP Housing	61,000
US Ceiling CORP	5/4/2021	Talent Pipeline:CE and OJT, OJT HIRE	10,080
	5/27/2021	Talent Pipeline:CE and OJT, OJT HIRE	8,160
	6/15/2021	Talent Pipeline:CE and OJT, OJT HIRE	8,640
US Energy Concierge Inc	7/15/2021	<200KW PV, NY-Sun	6,320
Utilities Program & Metering, Inc.	4/1/2021	Real Time Enrgy Management, UPM - 530 E 74th St - RTEM	81,761
		Real Time Enrgy Management, UPM - 580 5th Ave - RTEM	109,313

## Contracts Executed

Period 4/1/2021 through 9/30/2021

Contractor	Date Encumbered	Contract Description	Total Contract Amount
Van Hee Mechanical	8/10/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,200
Vassar College	5/21/2021	CI Carbon Challenge, C&I Carbon Challenge	1,259,097
Vecino Group New York, LLC	7/9/2021	New Construction Housing, 2019 MFCNP	399,200
VENTITRENTA LLC	4/12/2021	Novel Bus Models & Offers, Finance Consultant	500,000
Village of Albion	4/13/2021	Renewable Heat NY, Village of Albion Large Boiler	146,192
Virginia Polytechnic Institute and State	8/27/2021	Nat'l OffShWind R&D Consortium, Natl Offshore Wind R&D	156,155
		Natl Offshore Wind R&D	156,155
W & E Phillips Locksmith, Inc	9/14/2021	NYSERDA ADMINISTRATION, Facilities Management	7,000
Wadhams Hall Solar, LLC	5/13/2021	>200KW PV, NY Sun	731,130
Wavelength Group, LLC	5/19/2021	Talent Pipeline:CE and OJT, OJT HIRE	9,600
Wayne County Action Program	4/1/2021	Talent Pipeline:CE and OJT, OJT HIRE	15,178
	4/6/2021	Talent Pipeline:CE and OJT, OJT HIRE	7,589
	8/17/2021	Talent Pipeline:CE and OJT, OJT HIRE	8,280
WB Engineering & Consulting PLLC	8/3/2021	Commercial Real Estate Ten, WB Engineers-345 Hudson St	47,978
Wendel Energy Services, LLC	5/19/2021	Technical Services, FT13502 - 27 East Main - FTC	13,157
	6/21/2021	NYCH: Technical Assistance, FT13530 - 300 S. Parkway - FTC	48,000
	6/29/2021	Technical Services, FT13319 - Plattsburg - FTC	74,200
	7/26/2021	Technical Services, FT13617 - 2155 Baseline - FTC	12,000
	8/24/2021	Technical Services, FT13640 - Tonawanda - FTC	24,000
Wendel Energy Services, LLC.	9/3/2021	NYCH: District, PON 4614 Rd #1 U of R	100,000
West 125th Street Realty LLC	6/29/2021	Multifam Performance Pgm, Multifamily	30,100
West Side Federation for Senior & Supp..	4/9/2021	On-Site Energy Manager, OsEM68-M - WSFSSH	137,953
Wildcat Renewables, LLC	4/7/2021	>200KW PV, NY Sun	250,193
	5/13/2021	>200KW PV, NY Sun	641,520
Willdan Energy Solutions	4/19/2021	Clean Energy Communities, RFP 4478	350,000
	9/3/2021	NYCH: District, PON 4614 Round #1 Phelps Hosp	76,835
Willdan Lighting & Electric, Inc.	8/27/2021	Talent Pipeline:CE and OJT, PON3981 Round 10	250,000
William Timkey	4/14/2021	<200KW PV, PON 2112 NY SUN	5,544
Wilna PV, LLC	5/13/2021	>200KW PV, NY Sun	522,522
Wiltshire Renewable Energy Systems, LLC	4/6/2021	<200KW PV, NY-Sun	6,048
	7/2/2021	<200KW PV, PON 2112 NY SUN	49,088
Wolf Solar LLC	5/24/2021	>200KW PV, NY Sun	524,027
Wood Mackenzie Power & Renewables, Inc.	8/20/2021	OREC: Technical Support, NA Power & Renewables 2021/22	26,500
		REC:CES REC System Dev Costs, NA Power & Renewables 2..	26,500
Woodstock Terrace Mutual Housing Co..	6/29/2021	Multifam Performance Pgm, Multifamily	224,000
WSP USA Corp.	4/8/2021	New Construction- Commercial, Commercial New Construction	94,590
	9/20/2021	OREC: Technical Support, TWO#1- Offshore Wind Cable	691,100
Yellow 4 LLC	5/24/2021	>200KW PV, NY Sun	401,201
Yeshiva University	8/10/2021	NYCH: Technical Assistance, FT13593 - Yeshiva U - PON	56,832
	9/20/2021	NYCH: Technical Assistance, FT13932 - Yeshiva Group 2 -PON	75,264
ZBF Geothermal LLC	7/22/2021	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
Zerodraft Residential Inc.	4/9/2021	Talent Pipeline:CE and OJT, OJT HIRE	16,320
	6/7/2021	Talent Pipeline:CE and OJT, OJT HIRE	6,464
Zones LLC	9/17/2021	NYSERDA ADMINISTRATION, SMARTnet - Maintenance 21-22	22,731
<b>Grand Total</b>			<b>2,102,265,332</b>



**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>1st Light Energy, Inc.</b>	<200KW PV, PON 2112 NY SUN	16,415
<b>3rd ROC Solar LLC</b>	<200KW PV, PON 2112 NY SUN	43,394
<b>7group, LLC</b>	Retrofit NY, Multifamily	50,000
<b>15 William Street Condominium</b>	Low Carbon Tech Demos, Multifamily	3,360
	MULTIFAMILY PERFORMANCE PROGRAM, Multifamily	204,640
<b>174 Power Global NorthEast, LLC</b>	>200KW PV, PON 2112 NY SUN	432,800
<b>330 Madison Holdings, LLC</b>	Technical Services, FT13116 - 330 Madison - PON	33,800
<b>415 Second Owners Corp</b>	NYCH: Technical Assistance, FT13368 - 240 E 24th - PON	5,450
<b>540 Hudson Street, LLC</b>	Multifam New Construction, MFNCP PHIUS T3-540 Hudson	65,000
<b>770 Electric Corp.</b>	<200KW PV, NY-Sun	35,574
	>200KW PV, NY-Sun	15,246
	>200KW PV, PON 2112 NY SUN	6,156
<b>1406RB PV LLC</b>	>200KW PV, C/I MW Block Assignment	562,271
<b>2018 ESA Project Company, LLC</b>	Fuel Cells, Fuel Cell Incentive - FC-025	948,750
<b>Abundant Solar Power Inc.</b>	>200KW PV, NY Sun	4,002,924
	NY-SUN, NY Sun	2,314,937
<b>Accord Power, Inc.</b>	<200KW PV, PON 2112 NY SUN	15,210
	>200KW PV, PON 2112 NY SUN	16,485
<b>ACI V REIT HOLDCO JV LLC</b>	Technical Services, FT13427 - 110 Leroy - PON	11,550
<b>Actasys</b>	Talent Pipeline:CE and OJT, OJT HIRE	8,460
<b>Activate Global, Inc</b>	Innovation, Research Plan	50,000
<b>Active Solar Development, LLC</b>	<200KW PV, PON 2112 NY SUN	73,080
<b>Adam C. Boese</b>	Commercial Real Estate Ten, DaylightSavings-132 W31 St-CTP	5,000
<b>ADK Solar</b>	<200KW PV, PON 2112 NY SUN	5,712
<b>Advanced Radiant Design, Inc.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	39,680
<b>AECOM Technical Services Inc.</b>	WEST VALLEY DEVELOPMENT PROGRAM, Environmental Monitori..	2,789,019
<b>Aegis Energy Services Inc.</b>	Combined Heat and Power, CHPA - 180 West End	315,000
	Combined Heat and Power, CHPA - 2425 Nostrand Ave.	94,500
	COMBINED HEAT AND POWER, CHPA - Parc East	148,500
	Combined Heat and Power, CHPA - The Promenade	162,000
	Combined Heat and Power, CHPA-Centers - Brooklyn	308,000
	Combined Heat and Power, CHPA-North Rockland High Schoo	84,375
<b>Aegis Solar, LLC</b>	>200KW PV, NY-Sun C&I	1,109,185
<b>Aeonsolar</b>	>200KW PV, PON 2112 NY SUN	11,376
<b>AES Rochester Solar, LLC</b>	>200KW PV, NY-Sun C&I	811,064
<b>AHA Development Corporation</b>	Low Rise New Construction, 2019 LRNCP	57,200
<b>Akwasne Housing Authority</b>	NY-SUN, Affordable Solar Akwasne	190,000
<b>Albany County Dept. of General Services</b>	Albany County	30,000
	Clean Energy Communities, Albany County	250,000
<b>Albany Energy, LLC</b>	LARGE SCALE RENEWABLES, Albany Energy LLC	624,705
<b>Albany Engineering Corp.</b>	LARGE SCALE RENEWABLES, Mechanicville Hydro	3,325,000
<b>Albany Housing Authority</b>	Multifam New Construction, New Construction	56,800
<b>Albany Solar Solutions L.L.C.</b>	<200KW PV, PON 2112 NY SUN	15,848
<b>Albireo Energy, LLC</b>	Real Time Enrgy Management, Albireo Energy-199 Water-RTEM	51,468
	Real Time Enrgy Management, Signature Theatre - RTEM	23,235
<b>AlienVault, Inc.</b>	NYSERDA ADMINISTRATION, Alien Vault USM App - 1 year	10,852

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
Allard Communications	NYSERDA ADMINISTRATION, Communication Consultant	195,000
Allegis Group Holdings Inc	NEW YORK GREEN BANK, Staff Augmentation Services	227,936
	Pay for Performance, SA.055_TWO #10 - P4P PM	392,220
Allen Power, Inc.	<200KW PV, PON 2112 NY SUN	329,736
	Fuel Cells, Fuel Cell Incentive - FC-042	862,500
	NY-SUN, PON 2112 NY SUN	60,885
Alliance for Housing Inc.	Multifam New Construction, PPES T2 Fountain Sea A1	58,600
Alliance for Sustainable Energy, LLC	CLEAN TRANSPORTATION, TWO 2 - NREL TWO for Mobility	180,000
Altanova LLC	Commercial Real Estate Ten, Altanova - 195 Broadway FL 28	25,000
	Commercial Real Estate Ten, Altanova-100 Manhattanville Rd	14,000
	Flexible Tech Assistance, FlexTech Consultant Selection	25,000
	Flexible Tech Assistance, FT12223-MealsWheels-SI.CHP-FTC	39,240
	Rmve Barriers Dist Enrgy Storg, FT13162 - Legacy - FTC	9,004
Alteris Renewables Inc.	NY-SUN, RPS CST Regional Program	367,902
Alternative Carbon Energy Systems Inc	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,680
Alternative Power Solutions of NY, LLC	<200KW PV, PON 2112 NY SUN	76,750
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	16,960
AltPOWER, Inc.	<200KW PV, NY-Sun	195,810
Amazon Capital Servies, Inc.	NYSERDA ADMINISTRATION, USB C to HDMI Cable - 600	8,310
AMERESCO, Inc.	>200KW PV, NY Sun	2,058,210
American Energy Care, Inc.	<200KW PV, NY-Sun	32,607
	<200KW PV, PON 2112 NY SUN	19,245
American Solar Partners, LLC	NY-SUN, Solar for Electchester Housing	140,000
Amsterdam Nursing Home Corporation	Flexible Tech Assistance, FT12209 - AmsNursingHome - PON	15,309
	Flexible Tech Assistance, FT12215-AmsterdamNursing-PON	11,913
Antares Group, Inc.	COMBINED HEAT AND POWER, Technical Review and Program S	296,480
	Industrial Process Effic, Technical Review and Program S	9,607
	Technical Services, FT13204 - 2885 State - FTC	36,637
Aon Risk Consultants, Inc.	Aon Risk Consulting Services f	5,000
Apex Roofing, LLC	<200KW PV, PON 2112 NY SUN	5,292
Apex Solar Power LLC	<200KW PV, NY-Sun	33,016
	<200KW PV, PON 2112 NY SUN	187,264
APPEXTREMES, LLC	NYSERDA ADMINISTRATION, Conga Composer Maintenance 1yr	14,400
Arcadis of New York, Inc.	Technical Services, FT13304 - Mohawk View - FTC	31,605
Arcadis U.S., Inc.	Industrial Process Effic, Tech Review & Program Staff	3,348
Argus Media Inc.	ENERGY ANALYSIS, Data & Markets	14,568
	ENERGY ANALYSIS, Energy Analysis	15,442
Arts Center and Theater of Schenectady,	CLEANER GREENER COMMUNITIES, CGC27842 - Marquee Power ..	2,630,639
Aspden Assets, Inc	>200KW PV, Assignee/Vendor 37085	129,021
	NY-SUN, Assignee/Vendor 37085	119,842
Atelier Ten	Commercial New Construc, ATEN - EMP	18,921
	New Construction- Commercial, SUNY - Mini Bid (2019)	250,000
Atlantic Data Security, LLC	NYSERDA ADMINISTRATION, Check Point Training	15,000
	NYSERDA ADMINISTRATION, Checkpoint Professional Servic	16,650
Atlas Contractors, LLC	New Construction Housing, 2019 LRNCP	8,500
Autonomous Energies LLC	>200KW PV, PON 2112 NY SUN	12,160

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Autronic Plastics, Inc.</b>	ADVANCED BUILDINGS, Low Voltage Lighting System	307,188
	CLEAN TRANSPORTATION, Metro Platform Light	248,750
	Pub Transit & Elect Rail, Wireless Transit Lighting	650,000
<b>Axis Geospatial</b>	WEST VALLEY DEVELOPMENT PROGRAM, 2020 WNYNSC LiDAR ..	287,568
<b>Aztech Geothermal, LLC</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	12,960
<b>Barbera Homes and Development, Inc.</b>	Low Rise New Construction, 2019 LRNCP	15,200
	Low Rise New Construction, New Construction	48,900
	New Construction Housing, 2019 LRNCP	5,700
<b>BASF Colors and Effects USA, LLC</b>	Industrial Process Effic, Industrial Process Efficiency	30,675
<b>Bay Plaza Hospitality Investors, LLC</b>	Commercial New Construc, NCP16030 - Hampton at Bay Plaz	37,380
<b>BDO USA LLP</b>	Background Investigation Servi	4,400
	NYSERDA ADMINISTRATION, TWO - GJGNY	8,000
	TWO - Level Solar	5,000
	TWO - Renovus Blue Rock	5,000
<b>BelGioioso Cheese</b>	Industrial Process Effic, Industrial Process Efficiency	195,192
<b>Belmont Housing Resources for WNY, Inc.</b>	Low Rise New Construction, 2019 LRNCP	46,000
<b>Belmonte Builders</b>	Low Rise New Construction, New Construction	23,750
<b>Bergmann Associates, Architects,</b>	Flexible Tech Assistance, FlexTech Umbrella Agreement	10,305
	Industrial Process Effic, Tech Review_Support_Umbrella	35,625
	Technical Services, FT13089 - 16 W Main - FTC	7,500
<b>Best Energy Power</b>	<200KW PV, NY-Sun	17,222
	>200KW PV, NY-Sun	17,223
	>200KW PV, PON 2112 NY SUN	649,725
<b>Binghamton Regional</b>	NY-SUN, Affordable Solar Binghamton	81,600
<b>Black Mountain Architecture, PLLC</b>	Buildings of Excellence, BoE R1 - Designer Incentive	112,500
<b>BlocPower LLC</b>	Multifam Performance Pgm, Multifamily	24,500
	NYCH: LMI, Clean Heating & Cooling	24,500
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	15,360
<b>Bloomberg Finance LP</b>	REC:CES REC System Dev Costs, Bloomberg Datafeed Access	1,576
	Subscription/Data Access, Bloomberg Datafeed Access	69,780
<b>Board of Managers of Cipriani Club</b>	COMBINED HEAT AND POWER, CHPA - 55 Wall Street	1,393,961
<b>Bonacio Construction, LLC</b>	Low Rise New Construction, New Construction	15,000
<b>Borrego Solar Systems, Inc.</b>	>200KW PV, NY Sun	8,503,658
	NY-SUN, NY Sun	4,982,631
<b>Bourne &amp; Kenney Redevelopment Company LL</b>	Technical Services, FT13156 - Kenney Apts. - PON	10,000
<b>BPCA NYS Inc.</b>	Home Perf w Energy Star, Res Stakeholder Engagement	49,000
<b>Brattle Group Inc.</b>	High Performing Grid, TWO 3	40,000
	High Performing Grid, TWO #2 DPS Utility Study Order	20,000
<b>Breaking Ground II Housing</b>	Multifam New Construction, New Construction	300,000
<b>Breathe Easy of CNY Inc.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	18,880
<b>Bright Power, Inc.</b>	<200KW PV, NY-Sun	960,875
	>200KW PV, NY-Sun	626,373
	>200KW PV, PON 2112 NY SUN	373,869
	Commercial Real Estate Ten, Bright Power-56 West 22nd St	5,000
	NY-Sun	510,339
	NYCH: Technical Assistance, FT13229 - 1520 Sedgwick - FTC	8,120

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Bright Power, Inc.</b>	NYCH: Technical Assistance, FT13328 - 1065 Gerard - FTC	6,300
	NYCH: Technical Assistance, FT13329 - 1075 Gerard - FTC	6,300
	REV Campus Challenge, FT13118 - 3260 Henry - FTC	10,800
	Technical Services, FT13140 - 165 E 56th - FTC	9,000
	Technical Services, FT13176 - 1755 York - FTC	8,600
	Technical Services, FT13194 - 110 Livingston - FTC	12,480
	Technical Services, FT13220 - 50 W 23rd - FTC	14,175
	Technical Services, FT13266 - 185 Varick - FTC	6,750
<b>Broad Financial Center, LLC</b>	Technical Services, FT13409 - Broad Financial -PON	9,360
<b>Bronx Pro Group, LLC</b>	Multifam New Construction, New Construction	184,300
<b>Brooklyn Housing Preservation Limited Pa</b>	<200KW PV, NY-Sun	305,145
	>200KW PV, NY-Sun	30,180
<b>Brooklyn SolarWorks LLC</b>	>200KW PV, PON 2112 NY SUN	12,870
<b>Buckhurst, Fish, Jacquemart, Inc.</b>	CLEAN TRANSPORTATION, Mobile New Rochelle Feasibilit	74,900
<b>Buckley Road East Solar 1, LLC</b>	>200KW PV, NY-Sun C&I	597,701
<b>Buckley Road West Solar 1, LLC</b>	>200KW PV, NY-Sun C&I	592,697
<b>Buffalo Geothermal Heating</b>	Geothermal Incentive Program, Clean Heating & Cooling	107,688
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	7,200
<b>Buffalo Neighborhood Stabilization Co</b>	New Construction Housing, 2019 LRNCP	87,300
<b>Buffalo Renewables, Inc.</b>	Small Wind, WWind Turbine Incentive	230,400
<b>Buffalo Solar Solutions Inc</b>	<200KW PV, PON 2112 NY SUN	243,425
<b>Buffalo Urban Development Corporation</b>	Commercial New Construc, NCP15003 - Workforce Train Ctr	119,232
<b>Build Edison LLC</b>	High Performing Grid, PATHWAY TO SCALE	495,000
<b>BUILDING 36 LLC</b>	>200KW PV, NY-Sun Assignment	181,460
<b>BVG Associates LLC</b>	REC4:CES REC4 Tech Support, IE T4	35,140
<b>C. Kenneth Inports</b>	Industrial Process Effic, Industrial Process Efficiency	70,150
<b>C.J. Brown Energy, P.C.</b>	Commercial New Construc, Commercial New Construction	24,345
	K-12 SCHOOLS, FT13132 - N. Tonawanda - FTC	66,290
	K-12 SCHOOLS, FT13226 - NY Mills UFSD - FTC	9,884
<b>C&amp;S Engineers, Inc.</b>	Campus/Technical Assistance, FlexTech Consultant Selection	13,281
	Technical Services, FT13148 - Glens Falls - FTC	19,140
	Technical Services, FT13279 - Courthouse - FTC	8,000
	Technical Services, FT13418 - 2221 Niagara - FTC	8,361
<b>Candor Central School</b>	>200KW PV, NY Sun	22,759
<b>Capital District Records Management, Inc</b>	NYSERDA ADMINISTRATION, Media Storage & Destruction	6,768
<b>Capital for Communities, LLC</b>	NEW YORK GREEN BANK, Green Bank	25,000
<b>Carahsoft Technology Corporation</b>	NEW YORK GREEN BANK, NYGB Cloud Content Management	39,437
	NYSERDA ADMINISTRATION, Carahsoft Salesforce 10 Lic.	15,452
	NYSERDA ADMINISTRATION, Salesforce Communities license	20,230
	REC:CES REC System Dev Costs, Salesforce Communities license	6,768
	ZEC:CES ZEC System Dev Costs, Salesforce Communities license	6,768
<b>Caribou Biofuels, Inc</b>	Talent Pipeline:CE and OJT, OJT HIRE	6,080
<b>Catalyze Holdings, LLC</b>	>200KW PV, NY-Sun	110,600
<b>Catholic Charities of the Diocese of Alb</b>	New Construction Housing, 2019 LRNCP	12,000
<b>Catskill Mountainkeeper, Inc</b>	Community RH&C, PON3723 RH&C Campaigns	150,000
<b>Cedar Hill Solar, LLC</b>	>200KW PV, NY Sun	1,124,045

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Cedar Hill Solar, LLC</b>	NY-SUN, NY Sun	1,648,602
<b>Central New York Regional Planning and</b>	CLEANER GREENER COMMUNITIES, CGC57053 - CNY RPDB	3,000,000
<b>Centrica Business Solution Services Inc</b>	<200KW PV, PON 2112 NY SUN	348,840
<b>CES Danbury Solar, LLC</b>	<200KW PV, PON 2112 NY SUN	5,376
	>200KW PV, PON 2112 NY SUN	246,805
<b>CHA Consulting Inc.</b>	Flexible Tech Assistance, FT12226-UltraDairy-6750W-FTC	106,000
	Flexible Tech Assistance, FT12295 - HVCC - CHP	147,270
	Industrial Process Effic, IPE16223	5,715
	Industrial Process Effic, IPE16259	16,775
	Industrial Process Effic, Technical Review and Program S	26,600
	Technical Services, FT13174 - 2900 McLane - FTC	35,200
<b>Chappaqua Station, LLC</b>	Low Rise New Construction, 2019 LRNCP	28,000
<b>Charles Settlement House, Inc.</b>	Low Rise New Construction, New Construction	54,000
<b>CIR ELECTRICAL CONSTRUCTION CORP.</b>	<200KW PV, PON 2112 NY SUN	166,936
<b>Citigroup Technology, Inc.</b>	Combined Heat and Power, CHPA - 390 Greenwich St	2,500,000
	Industrial Process Effic, Industrial Process Efficiency	804,895
<b>Citizens Enterprises Corporation</b>	>200KW PV, Commercial/Industrial PV	295,977
<b>City Centre Associates, LLC</b>	Multifam New Construction, MFNCP - City Centre	280,200
<b>City of Beacon</b>	Clean Energy Communities, City of Beacon	50,000
<b>City of Binghamton</b>	Clean Energy Communities, City of Binghamton	250,000
<b>City of Canandaigua</b>	Clean Energy Communities, CEC300331 - City of Canandaigu	50,000
<b>City of Geneva</b>	Clean Energy Communities, CEC300343 - City of Geneva	50,000
<b>City Of New York</b>	Clean Energy Communities, CEC811010 - City of New York	250,000
<b>City of Salamanca</b>	CLEANER GREENER COMMUNITIES, City of Salamanca	100,000
<b>Civic Consulting NYC Inc</b>	CLEAN TRANSPORTATION, Clean Transportation	50,000
<b>Classic American Vintage, LLC</b>	Technical Services, FT13172 - 300 Main Ave - PON	10,000
<b>Clean Energy</b>	CLEAN TRANSPORTATION, NYS Compressed Natural Gas	697,732
<b>Clean Energy Leadership Institute</b>	OTHER PROGRAM AREA, Sponsorship	50,000
<b>Clean Energy States Alliance</b>	Community RH&C, Contract with CESA for CH&C Ca	17,000
<b>Clean Power Research</b>	Electric Vehicles - Innovation, 2021 WattPlan License	18,900
<b>CLEAResult Consulting, Inc.</b>	Air Source Heat Pumps, Centralized Services & Support	270,346
<b>Climate Change &amp; Environmental</b>	Commercial Real Estate Ten, CCES - 801 2nd Avenue	16,320
<b>Co-op Power, Incorporated</b>	<200KW PV, NY-Sun	339,614
	>200KW PV, NY-Sun	339,621
<b>COA Solar 2, LLC</b>	>200KW PV, NY-Sun C&I Payee Assignment	792,291
<b>Code Green Solutions, Inc.</b>	Commercial Real Estate Ten, Code Green - 2 Penn Plaza	31,500
	Commercial Real Estate Ten, CodeGreen - 695 6th Ave	13,750
	Flexible Tech Assistance, FT12082-Glenhill Assoc307W-FTC	15,500
	Flexible Tech Assistance, FT12230-CBRE-123 William-FTC	24,000
	Flexible Tech Assistance, FT12240-RXR Realty-530 5th-FTC	19,750
	REV Campus Challenge, FT13058 - 7 East 12th - FTC	39,537
	Technical Services, FT13050 - 145 E 57th - FTC	15,250
	Technical Services, FT13062 - 175 Varick - FTC	17,500
	Technical Services, FT13078 - 145 W 57th - FTC	18,475
	Technical Services, FT13153 - 70 Little West - FTC	19,250
<b>Cogeneration Contractors, Inc.</b>	COMBINED HEAT AND POWER, CHPA - 1 North 4th Place	350,000

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Cogeneration Contractors, Inc.</b>	Combined Heat and Power, CHPA - Morris Apartments II	111,150
<b>Cohen Ventures Inc</b>	Air Source Heat Pumps, TWO1 Prod & Appliance Standard	200,000
<b>Coleman Wallace Communications LLC</b>	NYSERDA ADMINISTRATION, Communication Consultant	109,824
<b>Commercial Cleaning NY Sunshine, Inc.</b>	NYSERDA ADMINISTRATION, Janitorial Cleaning	75,600
<b>Community Preservation Corp.</b>	New Construction Housing, Carbon Neutral Summit	35,000
<b>Computer SOS Inc.</b>	NYSERDA ADMINISTRATION, Miscellaneous Buffalo/West Val	7,980
<b>Comunilife, Inc</b>	Multifam Performance Pgm, Multifamily	58,500
	MULTIFAMILY PERFORMANCE PROGRAM, Multifamily	11,700
<b>CON EDISON SOLUTIONS, INC.</b>	>200KW PV, NY Sun	101,105
	>200KW PV, NY-Sun C&I	753,086
	NY-SUN, NY-Sun C&I	1,624,304
<b>ConMed Corporation</b>	Industrial Process Effic, Industrial Process Efficiency	144,445
<b>Consortium for Energy Efficiency, Inc.</b>	Prof & Expert Engagement, CEE Membership 2021	48,000
<b>Consumerbase LLC</b>	Eval MCDC Cross Cutting, Purchase Industrial email addr	14,102
<b>Cornell Cooperative Extension - Tompkins</b>	OTHER PROGRAM AREA, CEEP Southern Tier Region (CCE	150,000
<b>Cornell University</b>	ENVIRONMENTAL RESEARCH, Energy Related Air Quality	310,240
<b>Cortex Building Intelligence, Inc.</b>	Real Time Enrgy Management, CBI - 111 W 40th St - RTEM	21,000
	Real Time Enrgy Management, CBI- 1411 Broadway - RTEM	63,658
<b>CoStar Realty Information, Inc.</b>	Eval MCDC Cross Cutting, 2021-22 Costar Subscription Sv	22,818
<b>Council Rock Enterprises</b>	Talent Pipeline:CE and OJT, OJT HIRE	20,480
<b>Country Suburban Heating &amp; Air Condition</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,640
<b>County Heat &amp; AC, LLC</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	9,600
	Talent Pipeline:CE and OJT, OJT HIRE	5,120
<b>Crisafulli Bros Plumbing Heating Contr</b>	NYSERDA ADMINISTRATION, Replace CCN Gateway	10,442
<b>Crossfield Home Energy Solutions</b>	Talent Pipeline:CE and OJT, OJT HIRE	5,120
<b>Croton Energy Group, Inc.</b>	<200KW PV, PON 2112 NY SUN	69,685
<b>Crotona Park Housing</b>	Multifam Performance Pgm, Multifamily	35,267
	MULTIFAMILY PERFORMANCE PROGRAM, Multifamily	35,267
<b>curbFlow Inc</b>	Pub Transit & Elect Rail, Terminal Frontage Management	96,103
<b>Custom Electronics, Inc.,</b>	CLEAN TRANSPORTATION, Commercial intro of GEC	250,000
<b>Cutone &amp; Company Consultants, LLC</b>	Commercial Real Estate Ten, LCA - 151 W 26th St Fl 8 - CTP	9,828
	Talent Pipeline:CE and OJT, OJT HIRE	16,000
<b>Cypress Creek Renewables LLC</b>	>200KW PV, NY Sun	1,200,227
<b>D.K. &amp; S Enterprises Inc</b>	>200KW PV, 3 GW Solar	16,906
	REC:CES REC System Dev Costs, Barnscomb Solar groundbreaking	14,917
	REC:CES REC System Dev Costs, Number 3 Wind Event	21,662
<b>Dandelion Energy Inc</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	40,320
<b>David Homebuilders, Inc.</b>	Low Rise New Construction, New Construction	19,150
<b>Day Automation Systems, Inc.</b>	K-12 SCHOOLS, P12GC-27_E - Barker CSD - PON	10,143
<b>DealCloud Inc.</b>	NEW YORK GREEN BANK, DealCloud Licensing	486,850
<b>Delaware River Solar, LLC</b>	>200KW PV, NY Sun	6,147,346
	NY-SUN, NY Sun	1,305,720
<b>Dell, Inc.</b>	NYSERDA ADMINISTRATION, 50 Wyse 3040 no wifi and WMS	17,367
	NYSERDA ADMINISTRATION, Wyse Management Suite 3 yr	11,889
	OTHER PROGRAM AREA, DEC collaboration equipment	13,827
<b>DEMCO New York Corp.</b>	Talent Pipeline:CE and OJT, OJT HIRE	14,400

**Contracts Completed**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
DIBD NYC Inc.	OTHER PROGRAM AREA, Circular City Week 2021	10,000
Digital Realty Trust	Industrial Process Effic, Industrial Process Efficiency	794,783
Dimension Energy LLC	>200KW PV, NY Sun	910,003
	>200KW PV, NY-Sun	2,762,280
	NY-SUN, NY Sun	1,120,003
Dimensional Energy	Cleantech Ignition, PON 3871 Ignition Grants	100,000
Dimien Inc.	Energy Storage Tech/Prod Dev, zVO pouch cell proof concept	200,000
DNV Energy Insights USA Inc.	Industrial Process Effic, IPE16248	7,160
	NYCH: Technical Assistance, Westchester Tech Services	193,906
	Technical Services, AEAP	5,939
	Technical Services, Westchester Tech Services	169,493
Do-It-With Inc.	Talent Pipeline:CE and OJT, OJT HIRE	37,440
Doherty Electric, LLC	<200KW PV, PON 2112 NY SUN	7,735
Dolomite Products Group, Inc.	Industrial Process Effic, Industrial & Agriculture	71,682
Dori Doors & Security, Inc	Doors for NYC office	23,165
	NYSERDA ADMINISTRATION, Doors for NYC office	1,800
Dual Fuel Corp	Real Time Enrgy Management, Dual Fuel Corp-800 Grand-RTEM	29,340
	Real Time Enrgy Management, Dual Fuel-370 Westchester-RTEM	7,695
	Real Time Enrgy Management, Dual Fuel-409 E 84th St-RTEM	23,700
DuMond Grains	Industrial Process Effic, Industrial Process Efficiency	41,200
Dunkirk Renovation and Ownership, L.P.	Low Rise New Construction, New Construction	63,700
Dunn Paper	Industrial Process Effic, Industrial Process Efficiency	909,743
DVM Industries	Talent Pipeline:CE and OJT, OJT HIRE	10,240
Dynamic Energy Solutions, LLC	>200KW PV, NY Sun	124,720
E-Mobility Market Services, Inc.	Talent Pipeline:CE and OJT, OJT HIRE	20,480
E&S Environmental Chemistry Inc.	ENERGY ANALYSIS, CL Assessment for lakes stream	80,638
	ENVIRONMENTAL RESEARCH, CL Assessment for lakes stream	24,359
EagleHawk One, Inc.	Cleantech Ignition, PON 3871 Ignition Grants	100,000
Earth Advantage Inc.	Home Energy Ratings, Add appraisal addend to HES	10,000
Earth Sensitive Solutions, LLC	Geothermal Incentive Program, Large-Scale GSHP Rebate	794,760
Eco Heating & Cooling Inc	NYCH: Talent Ppln:CE and OJT, OJT HIRE	8,400
	Talent Pipeline:CE and OJT, OJT HIRE	5,440
Ecology and Environment Engineering	Commercial Imp Assist, Commercial Market Engagement	44,814
	Flexible Tech Assistance, Commercial Market Engagement	88,661
	REV Campus Challenge, Commercial Market Engagement	133,475
Ecorithm, Inc.	Real Time Enrgy Management, Ecorithm - 11 Penn Plaza -RTEM	57,200
	Real Time Enrgy Management, Ecorithm - 888 7th Ave - RTEM	49,800
	Real Time Enrgy Management, Ecorithm-350 Park Ave - RTEM	33,800
Ecosave, Inc.	Real Time Enrgy Management, RTEM Gas Mini-Bid Contract	150,000
Ecovis, Inc.	<200KW PV, NY-Sun	7,488
Efficiency Forward, Inc.	Prof & Expert Engagement, DesignLights Consortium 2021	10,000
Eiger 3970 Consultants Inc.	<200KW PV, NY-Sun	133,038
	<200KW PV, PON 2112 NY SUN	46,109
	NY-SUN, NY-Sun	88,692
	Talent Pipeline:CE and OJT, OJT HIRE	9,600
Electric Power Research Institute	High Performing Grid, PON 3770	400,000

**Contracts Completed**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Electric Power Research Institute</b>	High Performing Grid, PON3770 Effective Grounding	330,012
	High Performing Grid, RFP3265 Umbrella Contract	50,000
	SMART GRID SYSTEMS, Electric Power Trans & Dist Sm	700,000
<b>Electrical Distribution Design, Inc.</b>	DER Integration(Intrcnct), PON 3404 DER Integration	318,293
<b>Electrovaya Company</b>	SMART GRID SYSTEMS, Electrovaya	1,324,210
<b>Elmwood West Solar 1, LLC</b>	>200KW PV, NY-Sun C&I	592,697
<b>Ember Strategies, LLC</b>	Empire Building Challenge, EBC Strategic	25,000
	NYCH: Empire Build Challenge, EBC Strategic	25,000
<b>EMCOR Services Betlem</b>	Flexible Tech Assistance, FT12207-AmericanPack-FTC	10,331
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
<b>EME Consulting Engineering Group, LLC</b>	Flexible Tech Assistance, FT12267 -Barnard College- FTC	30,000
	Industrial Process Effic, Staff Augmentation Services	66,355
	Industrial Process Effic, Tech Review and Program Staff	8,375
	INDUSTRIAL PROCESS EFFICIENCY, Staff Augmentation Services	92,726
	MARKET PATHWAYS, FlexTech Consultant Selection	200,000
	NYCH: Technical Assistance, FT13327 - 25-98 36th - FTC	8,750
	Strategic Energy Manager, Staff Augmentation Services	25,000
	Talent Pipeline:CE and OJT, OJT HIRE	91,060
<b>Empire Solar Solutions LLC</b>	<200KW PV, PON 2112 NY SUN	143,051
<b>Empower CES, LLC</b>	>200KW PV, NY-Sun	19,712
	ENERGY STORAGE, PON 2112 NY SUN	56,250
<b>Empower Equity Inc</b>	Talent Pipeline:CE and OJT, OJT HIRE	7,360
<b>Eneractive Solutions</b>	Flexible Tech Assistance, FT12281 - Schwartz - FTC	22,950
	Flexible Tech Assistance, FT12282 - Main Campus - FTC	101,380
<b>Energy &amp; Resource Solutions, Inc.</b>	Air Source Heat Pumps, TWO 6 - Performance Monitoring	636,729
	Campus/Technical Assistance, Concierge Services - ERS - TWO	50,000
	CI Carbon Challenge, CICC1904 - IBM Corporation	64,675
	Combined Heat and Power, RFP 3643 Tech To Market	2,350,000
	Combined Heat and Power, TWO 1 On Site Res Power	360,000
	Commercial New Construc, New Construction	10,000
	Commercial New Construc, TWO 2 - New Construction Eval	485,722
	Commercial Real Estate Ten, TWO 5 CEF Comm Impact_ERS	255,211
	Electric Vehicles - Innovation, Concierge Services - ERS - TWO	25,000
	Eval MCDC New Const Commercial, TWO 2 - New Construction Eval	350,000
	Eval MCDC New Const Multifamil, TWO 2 - New Construction Eval	250,000
	Eval MCDC New Const Residentia, TWO 2 - New Construction Eval	250,000
	EVALUATION, TWO 6 - Performance Monitoring	129,366
	Geothermal Incentive Program, TWO 6 - Performance Monitoring	777,355
	Green Bank	49,706
	Industrial Process Effic, Concierge Services - ERS - TWO	25,000
	Industrial Process Effic, IPE16232	7,297
	Industrial Process Effic, IPE16239	6,935
	Industrial Process Effic, IPE16241	6,935
	Industrial Process Effic, Technical Review and Program S	47,465
	K-12 SCHOOLS, TWO 5 CEF Comm Impact_ERS	301
	Low Rise New Construction, TWO 2 - New Construction Eval	335,722



**Contracts Completed**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Energy &amp; Resource Solutions, Inc.</b>	Multifam New Construction, TWO 2 - New Construction Eval	335,722
	Multifam Performance Pgm, Concierge Services - ERS - TWO	25,000
	New Construction- Commercial, Commercial New Construction	39,260
	NYCH: District, Concierge Services - ERS - TWO	100,000
	NYCH: Technical Assistance, Westchester Tech Services	200,000
	On-Site Energy Manager, Concierge Services - ERS - TWO	25,000
	Pay for Performance, TWO 4 - P4P Event Evaluation	213,716
	Real Time Enrgy Management, Concierge Services - ERS - TWO	50,000
	Real Time Enrgy Management, TWO 5 CEF Comm Impact_ERS	250,515
	REV Campus Challenge, Efficiency Planning & Engineer	661,285
	REV Campus Challenge, TWO 5 CEF Comm Impact_ERS	168,488
	Rmve Barriers Dist Enrgy Storg, FT Energy Storage ERS - TWO	25,000
	Technical Services, AEAP	5,939
	Technical Services, Cannabis - TWO - ERS	50,000
	Technical Services, Concierge Services - ERS - TWO	50,000
	Technical Services, Efficiency Planning & Engineer	70,715
	Technical Services, FT13150 - 1101 Kitchawan - FTC	13,301
	Technical Services, FT13163 - 650 Brush Ave - FTC	22,554
	Technical Services, FT13281 - 18-1 Steinway - FTC	34,984
	Technical Services, FT13461 - Sheraton - FTC	14,000
Technical Services, Westchester Tech Services	200,000	
TWO post-closing reviews	66,048	
<b>Energy and Environmental Economics Inc.</b>	ENERGY ANALYSIS, TWO#22 Bldg. Elec. Roadmap	306,284
	Mkt Char: Tech Assist, TWO 13 - VDER Phase 2	350,000
	NYCH: Roadmap, TWO#22 Bldg. Elec. Roadmap	350,000
	OTHER PROGRAM AREA, TWO#22 Bldg. Elec. Roadmap	123,716
<b>Energy Conservation &amp; Supply, Inc.</b>	Talent Pipeline:CE and OJT, OJT HIRE	22,000
<b>Energy Improvement Corporation</b>	Community RH&C, PON3723 RH&C Campaigns	200,000
<b>Energy Infrastructure Partners LLC</b>	Retrofit NY, Demand Pipeline Consultant	200,000
<b>Energy Management Solutions, LLC</b>	Talent Pipeline:CE and OJT, OJT HIRE	11,360
<b>Energy Spectrum, Inc.</b>	Technical Services, FT13088 - 233 Broadway - FTC	23,787
<b>Energy Technology Savings, Inc.</b>	Real Time Enrgy Management, Energy Tech-757 3rd Ave RTEM	36,126
	Real Time Enrgy Management, ETS, Inc - 757 3rd Ave - RTEM	65,597
<b>Enertiv Inc.</b>	Cleantech ICC Engage, Co-Investment Fund Prgm RFQL	500,000
	Real Time Enrgy Management, Enertiv - 100 Willoughby -RTEM	9,447
<b>Enlighten Solar Inc</b>	>200KW PV, NY-Sun C&I	10,438
<b>ENNOVEA, LLC</b>	Industrial Process Effic, Industrial Process Efficiency	23,082
<b>Environmental Defense Fund</b>	Commercial Real Estate Ten, Tenant Engagement - EDF	49,888
<b>Episcopal Senior Housing Penfield LLC</b>	New Construction Housing, 2019 LRNCP	17,100
<b>ePlus inc</b>	NYSERDA ADMINISTRATION, Manage Engine Desk Top Central	15,208
	NYSERDA ADMINISTRATION, VMWare Support for 1 year	53,382
	NYSERDA ADMINISTRATION, VMWare Workspace One licenses	13,978
<b>Erdman Anthony &amp; Associates, Inc.</b>	Commercial New Construc, Commerical New Construction	33,962
	Commercial New Construc, RFP3771 Umbrella Contract	44,752
<b>Erie Boulevard Hydropower LP</b>	LARGE SCALE RENEWABLES, RPS Program Purchase of Renewa	57,033
	LARGE SCALE RENEWABLES, School Street Hydro Project	1,908,087

**Contracts Completed**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
Erie Boulevard Hydropower LP	LARGE SCALE RENEWABLES, Stewarts Bridge Hydro Project	533,193
Erie Community College	Workforce Industry Partnership, PON 3715 Workforce Training	65,720
ESNY-303, LLC	NY-SUN, PV System @ Kinder Morgan Term	2,499,575
ESNY-JFK-PLDB LLC	>200KW PV, NY-Sun	419,832
ESNY-PLD-JFKA, LLC	>200KW PV, NY-Sun	373,716
ESNY-PLD-JFKC, LLC	>200KW PV, NY-Sun	347,004
ESNY-PLD-JFKD, LLC	>200KW PV, NY-Sun	603,288
ESRI, Incorporated	NYSERDA ADMINISTRATION, ArcGIS Desktop and Spatial 1yr	22,200
Essense Partners Inc.	Buildings of Excellence, Round 2 BOE Awards Show	45,000
Evoworld	Environmental Research, KEBA Analysis; TRNSYS Modeling	24,500
Extraterrestrial Materials Inc.	<200KW PV, PON 2112 NY SUN	45,143
FFP NY Guilderland Project1, LLC	>200KW PV, NY-Sun C&I	439,294
FFP NY Schenectady Project1, LLC	>200KW PV, NY-Sun C&I Assignment	459,736
Fifth Street Properties, LLC	Technical Services, FT13065 - 787 7th Ave - PON	37,500
First Colonie Company	Strategic Energy Manager, SEM Cohort Meeting 2021	6,500
First Columbia Property Services, LLC	NYSERDA ADMINISTRATION, Property Management	35,000
Florenton River LLC	<200KW PV, PON 2112 NY SUN	14,343
Foam It Insulation, LLC	Talent Pipeline:CE and OJT, OJT HIRE	29,600
Folor, Inc	NYSERDA ADMINISTRATION, Headers for Security doors	20,504
Forbes-Capretto Homes	Low Rise New Construction, 2019 LRNCP	6,650
	Low Rise New Construction, New Construction	11,400
Ford Motor Company	Industrial Process Effic, Industrial Process Efficiency	74,227
Forsyth Street Advisors, LLC	Retrofit NY, Multifamily	50,000
Fourth Coast, Inc.	<200KW PV, PON 2112 NY SUN	34,032
Fred F. Collis & Sons, Inc.	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	Talent Pipeline:CE and OJT, OJT HIRE	13,920
Frederick A Proven	<200KW PV, PON 2112 NY SUN	5,198
Frontier Energy, Inc.	EMERGING TECHNOLOGY / ACCELERATED COMMERCIALIZATIO..	17,573
	Home Perf w Energy Star, TWO #2 QA TA GSHP MPP	50,000
	Industrial Process Effic, Technical Review_Prgm Support	19,920
	Technical Services, FT13181 - 450 W 17th - FTC	9,898
Fund for Public Housing, Inc.	NY-SUN, Affordable Solar NYCHA ACCESSo	110,093
Fusion Energy Services LLC	<200KW PV, NY-Sun	18,480
	<200KW PV, PON 2112 NY SUN	29,897
GCOM Software LLC	NYSERDA ADMINISTRATION, Staff Aug Umbrella Agreement	822,900
Geatrain Engineering PLLC	Commercial Real Estate Ten, Geatrain-9920 Fourth Ave Fl 1	5,000
Generate Capital Inc.	<200KW PV, NY-Sun	124,200
	>200KW PV, NY-Sun	1,278,438
George E Denmark II	<200KW PV, PON 2112 NY SUN	13,052
Geotherm Inc.	NYCH: Talent Ppln:CE and OJT, OJT HIRE	17,760
	Talent Pipeline:CE and OJT, OJT HIRE	8,160
GES MEGAELEVEN, LLC	>200KW PV, NY Sun	684,184
Global Dwelling, LLC	Talent Pipeline:CE and OJT, OJT HIRE	5,120
Goldman Copeland Associates, P.C.	Commercial Real Estate Ten, GCA - 250 W 57th Street 24FL	5,997
	Commercial Real Estate Ten, GCA-1400 Broadway Fl 16-CTP	8,986
	Commercial Real Estate Ten, GCA-SLGreen-MultiSites(25)-CTP	124,890

**Contracts Completed**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Goldman Copeland Associates, P.C.</b>	Commercial Real Estate Ten, GoldmanCopeland-60 E 42 St	5,479
	Technical Services, AGG1006 - GoCo - Portfolio 3	50,000
	Technical Services, FT13015 - 4 Union - FTC	13,994
	Technical Services, FT13016 - 50 West 57th - FTC	10,991
	Technical Services, FT13041 - 1071 5th - FTC	17,492
	Technical Services, FT13044 - 304 Park - FTC	17,988
	Technical Services, FT13052 - 395 Hudson - FTC	12,486
	Technical Services, FT13068 - 1 Park Ave - FTC	5,496
	Technical Services, FT13070 - 11 Penn Plaza - FTC	5,496
	Technical Services, FT13071 - 100 West 33rd - FTC	5,496
	Technical Services, FT13072 - 731 Lexington - FTC	5,496
	Technical Services, FT13076 - 770 Broadway - FTC	5,496
	Technical Services, FT13077 - 435 7th - FTC	5,496
	Technical Services, FT13086 - 520 8th Ave - FTC	10,994
	Technical Services, FT13112 - 1 Dag - FTC	7,980
	Technical Services, FT13113 - 1700 Broadway - FTC	9,482
	Technical Services, FT13506 - 330 Madison - FTC	10,495
<b>Goya Foods, Inc.</b>	>200KW PV, NY Sun	303,987
<b>Grant Street Apartments LLC</b>	Low Rise New Construction, New Construction	51,200
<b>Graphenix Development Inc.</b>	Cleantech ICC Engage, Co-Investment Fund Prgm RFQL	500,000
<b>Gree Mechanical Services USA Corp</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	29,480
	Talent Pipeline:CE and OJT, OJT HIRE	10,240
<b>Green Eagle Solar II, LLC</b>	>200KW PV, NY-Sun C/I	2,213,854
	>200KW PV, NY-Sun C&I	1,106,927
<b>Green Eagle Solar IV, LLC Series I</b>	>200KW PV, NY-Sun	962,410
	>200KW PV, NY-Sun C&I Assignment	962,410
<b>Green Home Logic, Inc.</b>	WORKFORCE DEVELOPMENT, OJT HIRE	12,000
<b>Green Hybrid Energy Solutions Inc.</b>	<200KW PV, NY-Sun	8,110
	<200KW PV, PON 2112 NY SUN	20,762
	>200KW PV, PON 2112 NY SUN	9,690
<b>Green Light New York, Inc.</b>	Prof & Expert Engagement, 2021 BEE Membership	50,000
<b>Green Street Power Partners LLC</b>	>200KW PV, PON 2112 NY SUN	464,584
<b>Green Team USA, LLC</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	29,920
	WORKFORCE DEVELOPMENT, OJT HIRE	7,680
<b>GreenLogic, LLC</b>	ENERGY STORAGE, PON 2112 NY SUN	12,500
<b>Greenologists</b>	Multifam Performance Pgm, Multifamily	50,600
<b>Greenpac Mill, LLC</b>	On-Site Energy Manager, OsEM15 - Greenpac Mill	166,018
<b>Grid City Electric Corp</b>	<200KW PV, NY-Sun	29,256
	>200KW PV, NY-Sun	19,504
	>200KW PV, PON 2112 NY SUN	80,297
<b>Grid Strategies, LLC</b>	Mkt Char: Tech Assist, Bulk Power System Resource Ad.	200,000
<b>Group-S LLC</b>	NYCH: Technical Assistance, FT13491 - 170 West End - FTC	25,000
<b>GSPP 181 Bay, LLC</b>	>200KW PV, NY-Sun	87,552
<b>GSPP East 91 LLC</b>	>200KW PV, NY-Sun	114,552
<b>GSPP Preston CT, LLC</b>	>200KW PV, NY-Sun	197,136
<b>Guth Deconzo Consulting Engineers</b>	REV Campus Challenge, RFP3628FlexTechConsultUmbrella	134,126

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
Halcyon Inc.	NYCH: Comfort Home, Comfort Home -P4P Backcasting	50,000
Halcyon, Inc.	<200KW PV, NY-Sun	5,440
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	23,040
	Talent Pipeline:CE and OJT, OJT HIRE	8,640
Harvest Power, LLC	<200KW PV, NY-Sun	8,976
	>200KW PV, NY-Sun	13,464
Hawn Heating & Energy Services LLC	NYCH: Talent Ppln:CE and OJT, OJT HIRE	29,760
	Talent Pipeline:CE and OJT, OJT HIRE	20,400
Healthy Home Energy & Consulting, Inc.	Talent Pipeline:CE and OJT, OJT HIRE	6,400
Heartland Homes Construction Inc.	Low Rise New Construction, New Construction	5,000
Heat Keepers, Inc.	NYCH: Talent Ppln:CE and OJT, OJT HIRE	19,200
	Talent Pipeline:CE and OJT, OJT HIRE	7,680
Helios Energy New York 10, LLC	>200KW PV, NY Sun	876,096
Henry Phipps Plaza East, Inc.	MULTIFAMILY PERFORMANCE PROGRAM, Multifamily	119,600
Herkimer Affordable Housing	Low Rise New Construction, 2019 LRNCP	63,000
Herrington Solar LLC	>200KW PV, NY Sun	1,124,045
	NY-SUN, NY Sun	1,648,602
Hester Street Collaborative, Inc.	NY-SUN, SEEF Stakeholder Engagement	50,000
Hi TECH HVAC Services CORP	Talent Pipeline:CE and OJT, OJT HIRE	10,240
Hines Arctic 85 Broad Associates LP	Technical Services, OsEM71-C-Hines-IC	163,655
Hodgson Russ LLP	ESTOR:Consumer Education, PSC Energy Storage Policies	15,000
Holland & Knight LLP	LMI Community Solar, RFP 3300 & RFP 3776 Outside Co	50,000
	NEW YORK GREEN BANK, RFP 12 - NYGB Legal Services	9,684
	NYSERDA ADMINISTRATION, RFP 12 - NYGB Legal Services	500
Hollygrove Solar, LLC	>200KW PV, NY-Sun C&I	1,045,803
Home Leasing, LLC	New Construction Housing, 2019 LRNCP	63,200
Homeridae LLC	>200KW PV, NY-Sun C&I	1,147,666
Housing Visions Unlimited, Inc.	Low Rise New Construction, New Construction	50,000
Howland Solar, LLC	>200KW PV, NY Sun	992,984
Hudson River Renewables	<200KW PV, PON 2112 NY SUN	6,048
Hudson River Trading	Industrial Process Effic, Industrial Process Efficiency	581,079
Hudson Solar	>200KW PV, NY Sun	84,888
Hudson Valley Clean Energy Inc.	<200KW PV, NY-Sun	5,954
	<200KW PV, PON 2112 NY SUN	160,531
Hudson Valley Wind Energy, LLC	<200KW PV, PON 2112 NY SUN	8,750
Hunts Point Cooperative Market	Industrial Process Effic, Industrial Process Efficiency	80,394
IBM - East Fishkill Site	Technical Services, FT13000 - IBM 2455 South - PON	29,750
ICF Incorporated LLC	EVALUATION, TWO 1 -GJGNY Audit Only Impact	49,346
IGS Solar, LLC	<200KW PV, PON 2112 NY SUN	5,248
Incorporated Village of Oyster Bay Cove	CLEANER GREENER COMMUNITIES, Oyster Bay Cove	50,000
Industrial Economics, Incorporated	EVALUATION, TWO 1 Grid Moderniz Case Study	23,368
	High Performing Grid, TWO 1 Grid Moderniz Case Study	23,368
Infinity Solar Systems, LLC	<200KW PV, PON 2112 NY SUN	72,192
Insight Public Sector, Inc.	NYSERDA ADMINISTRATION, Chromebooks - 30 for staff	16,440
	NYSERDA ADMINISTRATION, Eset Endpoint Antivirus - 3 yr	8,723
InStream, LLC	microfilm reader/scanner	9,645

**Contracts Completed**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
InStream, LLC	WEST VALLEY DEVELOPMENT PROGRAM, microfilm reader/scanner	300
Integrative Design Collaborative, INC	Retrofit NY, Multifamily	50,000
Interstate Renewable Energy Council, Inc	Workforce Industry Partnership, PON 3715 Workforce Training	249,007
Intralinks, Inc.	NEW YORK GREEN BANK, VDR Services	43,394
Inventive Intellect, LLC	Informat. Products & Brokering, PropTech 2021	10,000
Irving Community LLC	New Construction Housing, 2019 LRNCP	55,000
ITS-NY	NYSERDA ADMINISTRATION, Office 365 2018-2019	96,970
J Synergy Green Inc	WORKFORCE DEVELOPMENT, OJT HIRE	9,600
J Synergy Solar LLC	<200KW PV, PON 2112 NY SUN	11,026
J&A Electrical Construction LLC	<200KW PV, PON 2112 NY SUN	5,198
Jared Rodriguez	CI Carbon Challenge, Support for EBC_MF Low Carbon	250,000
Jaros, Baum & Bolles	Commercial Real Estate Ten, JB&B - 1 Pennsylvania Plaza	84,570
	Flexible Tech Assistance, FT12286 - 3 Times Square - FTC	22,250
	Flexible Tech Assistance, FT12287 - 6 MetroTech - FTC	47,388
Jason Salfi	OTHER PROGRAM AREA, Innovation Advisory Services	150,000
Jasper Van den Munckhof	Retrofit NY, RetrofitNY advisement	50,000
JBI Construction Group	>200KW PV, PON 2112 NY SUN	38,808
Jefferson Avenue Apartments L.P.	Low Rise New Construction, New Construction	74,000
Jefferson Solar, LLC	>200KW PV, NY-Sun C&I	882,505
JEM ENGINEERING SERVICES	High Performing Grid, PON 3397 Round 2 - Category A	216,195
John Betlem Heating & Cooling Inc	NYCH: Talent Ppln:CE and OJT, OJT HIRE	35,040
	Talent Pipeline:CE and OJT, OJT HIRE	8,000
John Hans Lee	Code to Zero, Support-Bldg Decacarbonization	500,000
Johnson Controls, Inc. (Syracuse)	K-12 SCHOOLS, FT13135 - 110 Elwood - FTC	51,920
	K-12 SCHOOLS, P12GC - 1 - Buffalo CSD_E	250,000
Jones Lang LaSalle Americas, Inc.	Technical Services, FT13055 - 140 Broadway - PON	43,818
Jordan Energy and Food Enterprises LLC	<200KW PV, PON 2112 NY SUN	20,570
Julie Markham LLC	Cleantech Ignition, J. Markham Consulting contract	25,000
	Innovation, J. Markham Consulting contract	25,000
Kamtech Restoration Corp	<200KW PV, PON 2112 NY SUN	16,930
Kanji No Koen Consulting LLC	NEW YORK GREEN BANK, Tibita Kaneene with NYGB	161,956
Karp Strategies, LLC	OREC: Technical Support, Karp Strategies, Offshore Wind	255,000
Kasselmann Solar LLC	<200KW PV, NY-Sun	110,406
	<200KW PV, PON 2112 NY SUN	163,513
Kawi Energy Group Corp.	Commercial Real Estate Ten, Kawi Energy Group - Multisite	18,172
	Commercial Real Estate Ten, Kawi Energy-2381 HylanMulti(2)	8,659
	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	Talent Pipeline:CE and OJT, OJT HIRE	30,720
Kearns & West, Inc.	REC4:CES REC4 Tech Support, TWO 6 - T4_Facilitation Svcs	39,836
Kearsarge Johnstown 1 LLC	>200KW PV, NY-Sun C/I	976,413
Kearsarge Johnstown 2 LLC	>200KW PV, NY-Sun C/I	976,413
Kelberman Center Inc	Low Rise New Construction, 2019 LRNCP	56,000
Kelliher Samets Volk	NYSERDA ADMINISTRATION, Marketing Support for NYSERDA	50,000
	Strategic Energy Manager, Marketing Support for NYSERDA	85,270
Kilfrost, Inc.	NYCH: Innovation, PON3519 Round 1	81,375
Kilowatt Engineering, Inc.	Industrial Process Effic, 2621 Umbrella Contract	36,834

**Contracts Completed**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Kilowatt Engineering, Inc.</b>	Industrial Process Effic, IPE16242	16,782
	Industrial Process Effic, IPE16255	25,065
	Industrial Process Effic, IPE16256	15,292
<b>KPMG LLP</b>	NEW YORK GREEN BANK, Audit Services	140,110
	NYSERDA ADMINISTRATION, Audit Services	407,850
<b>L&amp;S Energy Services, Inc.</b>	Commercial New Construc, RFP3771 Umbrella Contract	63,825
	Industrial Process Effic, Industrial Process Efficiency	9,742
	Industrial Process Effic, Umbrella Contract	59,629
	New Construction- Commercial, Commercial New Construction	26,000
	Technical Services, AGG1003 - L&S Energy Services	50,000
<b>LaBella Associates, P.C.</b>	Geothermal Incentive Program, Large Scale GSHP Rebate	103,812
<b>Lake Country Geothermal, Inc.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	11,520
<b>Lantern Organization Inc.</b>	Multifam New Construction, New Construction	63,800
<b>LC DRives</b>	Talent Pipeline:CE and OJT, OJT HIRE	7,440
<b>Libolt &amp; Sons, Inc.</b>	Low Rise New Construction, 2019 LRNCP	75,800
<b>Lighthouse Landing Communities, LLC</b>	NYCH: Technical Assistance, FT13143 - Edge on Hudson - PON	15,370
<b>Livingston Energy Group</b>	Talent Pipeline:CE and OJT, OJT HIRE	46,480
<b>Livolt Cogen LLC</b>	Combined Heat and Power, CHPA-45 Tehama Street	8,616
	Combined Heat and Power, CHPA-730 E 236th St	8,616
	Combined Heat and Power, CHPA-1985 Ocean Ave, Brooklyn	8,616
	Combined Heat and Power, CHPA-2206 Holland Ave	8,616
	Combined Heat and Power, CHPA-2630 Ocean Ave, Brooklyn	8,616
	Combined Heat and Power, CHPA-4138 Barnes Ave, Bronx	8,616
<b>Lodestar Energy</b>	>200KW PV, NY Sun	675,791
	NY-SUN, NY Sun	991,162
<b>Long Island Power Solutions</b>	<200KW PV, PON 2112 NY SUN	33,269
	ENERGY STORAGE, PON 2112 NY SUN	12,500
<b>Luminate, LLC</b>	NEW YORK GREEN BANK, Outside Technical and Eng. Srv	25,000
	Outside Technical and Eng. Srv	11,518
<b>M. Zion Security Systems Corp</b>	NYSERDA ADMINISTRATION, Millennium Ultra card access	13,465
<b>M.J. Beck Consulting LLC</b>	REC4:CES REC4 Tech Support, IE T4	31,500
<b>M/E Engineering, P.C.</b>	Commercial New Construc, Commercial New Construction	64,725
	Flexible Tech Assistance, FT12268 - PRI - FTC	5,214
<b>Malcarne Contracting, Inc.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	31,440
<b>Malta Development Company Inc</b>	Low Rise New Construction, New Construction	20,250
<b>Manhattan College</b>	Commercial New Construc, NCP16014 - Engineering and Sci	63,261
<b>Marshall &amp; Sterling, Inc.</b>	NYSERDA ADMINISTRATION, RFP 4301 Insurance	526,580
<b>Martin J. Wolff</b>	Pub Transit & Elect Rail, Magnetic rail propulsion study	125,000
<b>Maureen Data Systems, Inc.</b>	NYSERDA ADMINISTRATION, VMWare Airwatch - 2021 - 2022	7,020
<b>Max Solar Inc</b>	<200KW PV, NY-Sun	10,880
	<200KW PV, PON 2112 NY SUN	13,685
<b>Mayfair Housing, LLC</b>	New Construction Housing, 2019 LRNCP	64,400
<b>Meadows Senior Living 2 L.P.</b>	New Construction Housing, 2019 LRNCP	81,200
<b>Mecklenburg Solar LLC</b>	>200KW PV, NY-Sun C/I	505,086
<b>Merlin Larsen</b>	Low Rise New Construction, New Construction	5,500
<b>Micatu, Inc.</b>	Talent Pipeline:CE and OJT, OJT HIRE	23,600

**Contracts Completed**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Michael Lightman</b>	OTHER PROGRAM AREA, Michael Consulting Contract	49,999
<b>Milea Truck Sales Inc</b>	CLEAN TRANSPORTATION, NYT-VIP	490,909
<b>Milliman, Inc.</b>	NYSERDA ADMINISTRATION, 2021 GASB74 Liab GASB75 OPEB	5,500
<b>Minaville North Solar 1, LLC</b>	>200KW PV, Commerical/Industrial PV	582,238
<b>Minaville South Solar 1, LLC</b>	>200KW PV, NY-Sun C&I	582,238
<b>Minaville West Solar 1, LLC</b>	>200KW PV, NY-Sun C&I	582,238
<b>MLG 904 Development MM LLC</b>	Multifam New Construction, New Construction	122,200
<b>Monolith Solar Associates, LLC</b>	<200KW PV, NY Sun	63,500
<b>Mount Sinai St. Lukes</b>	Flexible Tech Assistance, FT12292 - 1000 10th - PON	73,763
<b>Mt Olive Development Corporation</b>	Low Rise New Construction, New Construction	8,000
<b>MVP Consulting Plus, Inc.</b>	NYSERDA ADMINISTRATION, 20-21 License Renewal for SAS	10,473
	NYSERDA ADMINISTRATION, SAS Annual Maintenance 21-22	10,473
<b>Natale Builders</b>	Low Rise New Construction, 2019 LRNCP	16,550
	Low Rise New Construction, New Construction	42,800
<b>National Solar Technologies</b>	>200KW PV, NY Sun	2,100,000
	NY-SUN, NY Sun	1,200,000
<b>Navigant Consulting Inc.</b>	Advancing Ag Enrgy Technologie, RFQ3183 Umbrella Agreement	302,001
	Greenhouse Light & Systems Eng, RFQ3183 Umbrella Agreement	302,000
	Technical Services, RFQ3183 Umbrella Agreement	302,000
<b>NECEC Institute</b>	Cleantech ICC Engage, Cleantech Open Northeast (CTON)	200,000
	Cleantech ICC Engage, NECEC 2019 Sponsorship	160,000
<b>NESCAUM</b>	Electric Vehicles - Innovation, Joint EV Mktg Campaign 2020	275,000
	Prof & Expert Engagement, 2021 ZEV MOU dues	75,000
	RENEWABLE HEAT NY, Next Gen Test Methods Research	499,500
<b>NESEA</b>	New Construction Housing, BENYC 2021	15,600
	New Construction- Commercial, BENYC 2021	10,400
<b>Netgains Engineering P.C.</b>	Commercial Real Estate Ten, Netgains-975 Georgia Ave	5,000
	NYCH: Technical Assistance, FT13196 - 149-151 Grand - FTC	5,000
	NYCH: Technical Assistance, FT13291 - 300 Albany - FTC	5,000
<b>Network Experts of New York, Inc.</b>	NYSERDA ADMINISTRATION, Helpdesk Tech. - John Campagna	150,000
<b>New Buildings Institute, Inc.</b>	Prof & Expert Engagement, Codes, Products and Standards	25,000
<b>New Leaf Solar LLC</b>	<200KW PV, PON 2112 NY SUN	8,750
<b>New York City Energy Efficiency Corp</b>	NYCEEC Predevelopment Lending	900,000
<b>New York Geothermal Foundation, Inc.</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
<b>New York Power Authority</b>	High Performing Grid, PON 3397 CAT B	400,000
	Technical Services, FT13408 - Harriman - FTC	11,000
<b>New York Power Authority,</b>	High Performing Grid, PON 3770	350,000
<b>New York State Foam &amp; Energy LLC</b>	Talent Pipeline:CE and OJT, OJT HIRE	6,160
<b>New York State Solar Farm Inc.</b>	<200KW PV, PON 2112 NY SUN	54,431
<b>Newport Ventures, Inc.</b>	New Construction Housing, New Construction	200,000
<b>Next Generation Solar, LLC</b>	<200KW PV, NY-Sun	8,160
	<200KW PV, PON 2112 NY SUN	5,831
<b>Nextera Energy Capital Holdings Inc</b>	>200KW PV, SUNY Poly Hoosick 1	1,155,864
	>200KW PV, SUNY Poly Selkirk 1	1,405,288
	>200KW PV, SUNY Poly Selkirk 2	1,028,111
	>200KW PV, SUNY Poly Selkirk 4	1,082,862

**Contracts Completed**  
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<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Nextera Energy Capital Holdings Inc</b>	NY-SUN, NY Sun	1,770,615
<b>NGenious Solutions Inc.</b>	NYSERDA ADMINISTRATION, SharePoint Online Consulting	35,000
<b>Nickels Energy Solutions LLC</b>	<200KW PV, PON 2112 NY SUN	20,132
<b>Nixon Peabody LLP</b>	RFP 12 - NYGB Legal Services	49,755
<b>NJP Consulting Inc.</b>	<200KW PV, NY-Sun	14,204
<b>NOHMs Technologies, Inc.</b>	Energy Storage Tech/Prod Dev, PON 3585 Round 3 Cat B	750,000
<b>Noresco LLC</b>	Code to Zero, TWO-2 Online Training Class	27,242
	Technical Services, FT13099 - 8000 Cooper - FTC	27,898
	Technical Services, FT13103 - 90-15 Queens - FTC	37,046
	Technical Services, FT13232 - 50 Vanderbilt - FTC	19,854
<b>Norstar Development USA, LP</b>	Low Rise New Construction, New Construction	273,200
	New Construction Housing, LR NCP - Incentives SF206404	66,000
<b>Northeast Energy Efficiency Partnerships</b>	NYCH: Innovation, End-Use Load Profiles	49,949
<b>Northeast Wind Partners II LLC</b>	LARGE SCALE RENEWABLES, Steel Winds II	6,788,800
<b>Novel Approaches Solar Applications, LLC</b>	<200KW PV, PON 2112 NY SUN	11,200
<b>NSF Parma Site 2, LLC</b>	>200KW PV, NY-Sun C&I	1,049,257
	ESTOR:Retail Storage Incentive, NY-Sun C&I	3,749,999
<b>NuWorld Lighting Solutions Inc</b>	WORKFORCE DEVELOPMENT, OJT HIRE	11,520
<b>NY CDG 004 LLC</b>	<200KW PV, NY-Sun	137,340
	>200KW PV, NY-Sun	137,760
<b>NY Delaware I, LLC</b>	>200KW PV, NY-Sun C/I	1,281,677
<b>NY Thompson II, LLC</b>	>200KW PV, Ny Sun C&I	822,961
<b>NYC Energy LLC</b>	ESTOR:Bulk Storage Incentive, Bulk Storage Incentive	23,970,000
<b>NYS Department of Health</b>	>200KW PV, NY Sun	89,836
<b>NYS Energy Solutions</b>	WORKFORCE DEVELOPMENT, OJT HIRE	6,400
<b>NYS Office for Technology</b>	NYSERDA ADMINISTRATION, O365 Point to Point Circuit	22,464
<b>NYS Office of General Services</b>	NYSERDA ADMINISTRATION, 2016-2019 Microsoft ELA 3 year	142,080
<b>NYS Office of Information Technology Ser</b>	Industrial Process Effic, Industrial Process Efficiency	35,534
	NYSERDA ADMINISTRATION, Office 365 2020 - 2021	180,167
<b>NYS Office of Parks, Recreation and</b>	<200KW PV, NY-Sun	13,455
	MOU	5,000,000
<b>NYS School Facilities Association, Inc.</b>	Workforce Industry Partnership, PON 3442 Workforce Training	400,000
<b>NYSS LLC</b>	<200KW PV, NY-Sun	23,104
	COMMUNITY SOLAR, NY-Sun	4,624
	COMMUNITY SOLAR, PON 2112 NY SUN	5,928
	ENERGY STORAGE, NY-Sun	6,840
	ENERGY STORAGE, PON 2112 NY SUN	5,050
<b>NYU Langone Hospitals</b>	Commercial New Construc, NCP15065 - NYU Hospitals Cente	109,568
<b>O'Brien &amp; Gere Engineers, Inc.</b>	Commercial New Construc, RFP3771 Umbrella Contract	59,594
	New Construction- Commercial, Commercial New Construction	97,000
	NYCH: Technical Assistance, FT13315 - Uni. at Albany - FTC	179,919
	REV Campus Challenge, RM37 - SUNY Morrisville	131,348
<b>O'Connell Electric Company</b>	<200KW PV, PON 2112 NY SUN	36,225
<b>Ogden Cap Properties, LLC</b>	Flexible Tech Assistance, FT11666 - Windsor Court	10,547
<b>Ogdensburg Solar Partners, LLC</b>	>200KW PV, PV System @ Ogdensburg Bridge	510,395
<b>Omni-Navitas - MAP-ES NY LLC</b>	>200KW PV, NY Sun	2,387,308



**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Opportunities for Broome, Inc.</b>	Low Rise New Construction, New Construction	50,000
<b>OPTIMAL SOLUTIONS, INC.</b>	High Performing Grid, PON 3770 Smart Grid	100,000
<b>Opus One Solutions USA Corp</b>	Cleantech Ignition, PON 3871 Ignition Grants	100,000
<b>Oracle America, Inc.</b>	NYSERDA ADMINISTRATION, Peoplesoft - Oracle 2020 /2021	67,626
	NYSERDA ADMINISTRATION, Peoplesoft Enterprise 21 - 22	54,308
<b>PA Consulting Group</b>	ENERGY ANALYSIS, TWO #3 Nat. Gas Tech. Support	700,000
<b>Pace University</b>	NYCH: District, Clean Thermal District Systems	44,000
<b>Pamal Broadcasting Ltd</b>	>200KW PV, NY-Sun C/I	889,494
<b>Paradise Energy Solutions, LLC</b>	<200KW PV, PON 2112 NY SUN	89,022
<b>Park Grove Realty LLC</b>	New Construction Housing, 2019 LRNCP	42,000
<b>Passive House Accelerator LLC</b>	New Construction Housing, General marketing and outreach	40,000
	New Construction- Commercial, General marketing and outreach	10,000
<b>Pathfinder Engineers &amp; Architects, LLP</b>	Commercial New Construc, 2019 CNCP	26,258
	Commercial New Construc, Commercial New Construction	18,420
	Commercial New Construc, RFP3771 Umbrella Contract	77,867
	Technical Services, FT13166 - 4341 State - FTC	39,858
<b>Patriot Energy Solutions Corp</b>	<200KW PV, NY-Sun	18,044
<b>Paul A. Castrucci, Architects PLLC</b>	Talent Pipeline:CE and OJT, OJT HIRE	6,400
<b>Pearl Solar II, LLC</b>	>200KW PV, NY-Sun C&I	845,093
<b>Pearl Solar, LLC</b>	>200KW PV, NY-Sun C&I	845,093
<b>People United for Sustainable Housing In</b>	Single Family New Construction, 2019 LRNCP	70,000
<b>Performance Systems Development, Inc.</b>	Retrofit NY, Multifamily Parametric Modelin	49,910
<b>PGREF V 1301 Participating, LP</b>	Flexible Tech Assistance, FT12071-Paramount 1301 AOA-PON	39,400
<b>Pictometry International Corp.</b>	BR: Prospecting, subscription for aerial images	7,000
<b>Pivotal 180, LLC</b>	NEW YORK GREEN BANK, Intern Financial Training	7,000
<b>Plant Manor LLC</b>	Campus/Technical Assistance, FT12236 - Alder Manor - PON	33,750
<b>PLB Oil &amp; Gas Consult LLC</b>	NYGB Covid-19 PPP Consulting	50,000
<b>PlugPV, LLC</b>	<200KW PV, NY-Sun	26,624
	<200KW PV, PON 2112 NY SUN	194,793
	Talent Pipeline:CE and OJT, OJT HIRE	10,382
<b>Postgraduate Center for Mental Health</b>	Multifam Performance Pgm, Multifamily	42,000
	MULTIFAMILY PERFORMANCE PROGRAM, Multifamily	78,000
<b>Potentia Management Group LLC</b>	Talent Pipeline:CE and OJT, OJT HIRE	45,043
<b>Power Advisory LLC</b>	REC4:CES REC4 Tech Support, IE T4	44,800
<b>Powerhouse Dynamics, Inc</b>	Real Time Enrgy Management, Powerhouse-Five Below-RTEM	36,142
<b>Premier Solar Solutions LLC</b>	>200KW PV, NY Sun	21,681
	>200KW PV, PON 2112 NY SUN	86,913
<b>Price Chopper Operating Company of NY</b>	Commercial New Construc, NCP15001 - Market 32 Ft Edward	57,142
	Commercial New Construc, NCP15019--Market32 VF-OFLT	71,896
<b>Proenergy Consulting LLC</b>	NEW YORK GREEN BANK, Green Bank	160,000
<b>Provantage, LLC</b>	NYSERDA ADMINISTRATION, Monitors 50 Mini Bid RTW	11,428
	NYSERDA ADMINISTRATION, Monitors - 26 Provantage	5,064
<b>QwikSolar, LLC</b>	<200KW PV, PON 2112 NY SUN	22,313
<b>R3 Energy Management Audit &amp; Review, LLC</b>	Real Time Enrgy Management, Jack Resnick-8 W 40th St-RTEM	24,960
	Real Time Enrgy Management, P Clabby-110 East 59th St-RTEM	30,510
	Real Time Enrgy Management, R3 - 199 Water St - RTEM	10,800

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>R3 Energy Management Audit &amp; Review, LLC</b>	Real Time Enrgy Management, R3 - 880 3rd Avenue - RTEM	26,160
	Real Time Enrgy Management, Resnick&Sons-485MadisonAv-RTEM	32,010
<b>Randstad North America Inc</b>	Cleantech ICC Engage, TS.003_TBI Coordinator	33,237
	Energy Storage Tech/Prod Dev, TS.003_TBI Coordinator	33,237
	High Performing Grid, TS.003_TBI Coordinator	33,237
	NYCH: Innovation, TS.003_TBI Coordinator	33,237
	Pub Transit & Elect Rail, TS.003_TBI Coordinator	33,237
<b>Randstad North America, Inc.</b>	CI Enrgy Siting & Soft Cost Red, TS.001 - CES Coordinator	160,542
	ENERGY ANALYSIS, Payroll Services_Policy Dev	164,600
	Home Perf w Energy Star, Payroll Services	10,000
	Housing Agencies Support, Payroll Services_Multifamily	283,920
	NEW YORK GREEN BANK, Payroll Services -NYGB Analyst	199,095
	NEW YORK GREEN BANK, PS.027_NYGB	245,000
	NEW YORK GREEN BANK, PS.038_NYGB Analyst	199,095
	NYSERDA ADMINISTRATION, Payroll Services	38,562
	NYSERDA ADMINISTRATION, Payroll Services_Office of CIO	12,431
	NYSERDA ADMINISTRATION, Payroll Services_Perf Mgmt	43,200
	NYSERDA ADMINISTRATION, Payroll Services_SFR_intern	10,774
	NYSERDA ADMINISTRATION, Temporary Services	314,211
	NYSERDA ADMINISTRATION, TS.010 - Payroll Services	49,140
	Pay for Performance, Payroll Services_Utility Affai	626,613
<b>RED Rochester</b>	Technical Services, FT13182-RED-Rochester- PON	19,725
<b>Related Management Company LP</b>	Workforce Industry Partnership, PON 3442 BOM Training Program	398,557
<b>Renewable Rochester LLC</b>	<200KW PV, PON 2112 NY SUN	36,108
<b>Renovus Energy, Inc.</b>	<200KW PV, PON 2112 NY SUN	496,485
	NY-SUN, PON 2112 NY SUN	152,044
<b>Rensselaer Polytechnic Institute</b>	High Performing Grid, PON 3397 CAT A	245,482
<b>Rensselaer Polytechnic Institute-LRC</b>	NYCH: Innovation, Advanced Buildings	50,000
	Prof & Expert Engagement, Partner Program Membership	60,000
	Talent Pipeline:CE and OJT, PON3981 WFD Capacity Building	247,850
<b>Research Foundation of CUNY</b>	NY-SUN, Affordable Solar NYCHA Commerc	130,700
	Rmve Barriers Dist Enrgy Storg, RFP 3407 Category 1	1,481,244
<b>Research Foundation of SUNY</b>	ENVIRONMENTAL RESEARCH, Combining Measurements and Mod	382,848
	High Performing Grid, Stability Impact Analysis	400,000
<b>Research Foundation of The City</b>	COMBINED HEAT AND POWER, Technology to Market	68,500
	OTHER PROGRAM AREA, Technology to Market	691,889
<b>Resource Innovation Institute</b>	Advancing Ag Enrgy Technologie, RII Membership	5,000
<b>River Architects, PLLC</b>	Commercial New Construc, RFP3771 Umbrella Contract	23,580
<b>Robert Derector Associates</b>	Commercial Real Estate Ten, Robert Derector - 1271 AOA	23,000
	Commercial Real Estate Ten, Robert Derector-601 Lexington	25,000
<b>Rocky Mountain Institute</b>	New Construction Housing, TWO 3 CNB Roadmap Support	33,334
	New Construction- Commercial, TWO 3 CNB Roadmap Support	16,666
<b>Rogers Avenue Housing Development Fund C</b>	Multifam Performance Pgm, Multifamily	51,660
	MULTIFAMILY PERFORMANCE PROGRAM, Multifamily	95,940
<b>Rohan Development LLC</b>	Multifam New Construction, MFNC-577 West 161st	54,000
<b>Romulus Central School District</b>	K-12 SCHOOLS, P12GC-18_E - Romulus CSD - PON	19,800

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
Ross Solar Group, LLC	>200KW PV, NY-Sun CI	700,001
Ryan Homes (Virginia)	Low Rise New Construction, 2019 LRNCP	27,550
	Low Rise New Construction, New Construction	31,350
Safari Energy LLC	<200KW PV, PON 2112 NY SUN	69,120
	>200KW PV, PON 2112 NY SUN	182,880
SANFILIPPO SOLUTIONS INC.	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
	Talent Pipeline:CE and OJT, OJT HIRE	16,640
Saturn Power Corporation	>200KW PV, NY Sun	1,330,560
Schneider Electric Buildings Americas, I	Real Time Enrgy Management, Schneider Electric_30 West End	31,185
Scott A Weiner	High Performing Grid, Integrated Energy Data Resourc	47,900
Selkirk Cogen Partners LP	Industrial Process Effic, Industrial Process Efficiency	257,934
Seneca Towers, Inc.	Multifam Performance Pgm, Multifamily	343,700
SEPP, Inc.	New Construction Housing, 2019 LRNCP	25,000
Setty & Associates, Ltd. PC	Commercial New Construc, Commerical New Construction	20,696
Sheldon Energy, LLC	LARGE SCALE RENEWABLES, High Sheldon Wind Farm	42,217,000
SHI, Inc.	NYSERDA ADMINISTRATION, AeroHive Hive Manager annual	7,291
	NYSERDA ADMINISTRATION, Embarcadero ER/Studio Support	18,208
	NYSERDA ADMINISTRATION, Monitors - Return to Work 26	5,477
	NYSERDA ADMINISTRATION, Monitors.for NYGB 1333 Brdway	22,282
	NYSERDA ADMINISTRATION, Tableau Desktop Maintenance 1	84,623
	NYSERDA ADMINISTRATION, USB-C to Ethernet Adapters 300	7,875
Sigora Solar	<200KW PV, PON 2112 NY SUN	33,740
Silver Lake Solar LLC	NYCH: Talent Ppln:CE and OJT, OJT HIRE	10,240
Sitecore USA, Inc.	NYSERDA ADMINISTRATION, Sitecore CMS Software 1 year	49,500
Sive Paget & Riesel PC	Innovation, NY Climate Forward Loan Prog	50,000
	NEW YORK GREEN BANK, RFP 12: NYGB Legal Services	8,495
Skyline Solar Inc.	<200KW PV, PON 2112 NY SUN	18,988
Skyven Technologies, Inc	Cleantech ICC Engage, Co-Investment Fund Prgm RFQL	462,500
Smart Home Energy Source	<200KW PV, NY-Sun	5,232
	COMMUNITY SOLAR, NY-Sun	322
	ENERGY STORAGE, NY-Sun	11,640
Smith Engineering PLLC	REV Campus Challenge, FT13168 - 413 E 69th - FTC	92,585
	Technical Services, FT13121 - 825 Eighth Ave - FTC	45,830
SOLANTA CORP	>200KW PV, PON 2112 NY SUN	66,226
Solar Energy LLC	<200KW PV, PON 2112 NY SUN	855,563
Solar Energy Systems, LLC	>200KW PV, PON 2112 NY SUN	104,040
Solar Liberty Energy Systems, Inc	<200KW PV, NY-Sun	21,002
	<200KW PV, PON 2112 NY SUN	107,936
	>200KW PV, NY-Sun	44,020
	>200KW PV, PON 2112 NY SUN	11,448
	NY-SUN, PV System @ SUNY New Paltz	147,755
Solar Village Company LLC	Low Rise New Construction, 2019 LRNCP	52,000
	New Construction Housing, 2019 LRNCP	311,600
SolarCommunities Inc.	<200KW PV, PON 2112 NY SUN	93,257
SolarKal LLC	Novel Bus Models & Offers, 3932 R 2 Novel Business Model	500,000
Solitude Solar LLC	>200KW PV, NY Sun	3,084,262

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Solitude Solar LLC</b>	NY-SUN, NY Sun	2,240,838
<b>Solo Energy &amp; Electrical, Inc.</b>	Talent Pipeline:CE and OJT, OJT HIRE	7,200
<b>Southport, LLC</b>	>200KW PV, NY Sun	447,886
<b>Southview Towers, L.P.</b>	Multifam Performance Pgm, Multifamily	135,100
<b>SSA Solar of NY 4 LLC</b>	>200KW PV, NY-Sun C/I	292,117
<b>Stacks and Joules Inc.</b>	Talent Pipeline:CE and OJT, PON3981 Round 4	249,955
<b>Standard Insulating Company</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	28,160
	Talent Pipeline:CE and OJT, OJT HIRE	56,720
<b>Standard Solar, Inc</b>	>200KW PV, NY Sun	1,055,126
<b>Stantec Consulting Services, Inc.</b>	Commercial New Construc, Commercial New Construction	20,642
	Industrial Process Effic, IPE16231	8,035
<b>Steel Sun 2 LLC</b>	>200KW PV, SteelSun 2 Canisius College 3	1,460,163
	>200KW PV, SteelSun 2 Canisius College 1	1,433,493
	>200KW PV, SteelSun2 - Canisius College 2	1,460,163
<b>Steele Sleepy Hollow LLC</b>	Multifam Performance Pgm, Multifamily	183,200
<b>Steven Winter Associates, Inc.</b>	Commercial New Construc, New Construction	49,151
	Flexible Tech Assistance, RFP3628FlexTechConsultUmbrella	78,454
	Multifam New Construction, MFNCP-Sendero VerdeC-Mentoring	8,466
	New Construction Housing, 2019 MFCNP	9,995
	New Construction Housing, TWO PON 3943	110,216
	New Construction- Commercial, TWO PON 3943	110,216
	Retrofit NY, RetrofitNY project cost analys	47,366
	Retrofit NY, Solution Optimization Consulta	50,000
<b>Stone Environmental, Inc.</b>	Informat. Products & Brokering, Data Asset Matching STONE TWO	159,722
<b>Stonework Capital LLC</b>	OTHER PROGRAM AREA, RFP3267 Innovation Advis Pilot	350,000
<b>Sun Source Technologies</b>	<200KW PV, PON 2112 NY SUN	46,571
<b>SuNation Solar Systems, Inc.</b>	<200KW PV, NY Sun	23,963
	>200KW PV, PON 2112 NY SUN	82,400
	ENERGY STORAGE, PON 2112 NY SUN	256,250
<b>Sunnova Energy Corp</b>	<200KW PV, PON 2112 NY SUN	14,399
<b>Sunnycrest Gardens Vintage, LCC</b>	Multifam Performance Pgm, Multifamily	42,700
<b>SunPower Capital, LLC</b>	<200KW PV, PON 2112 NY SUN	42,471
<b>SUNRISE ELECTRICAL SERVICES</b>	<200KW PV, NY Sun	333,038
<b>Sunrise Solar Solutions, LLC</b>	>200KW PV, PON 2112 NY SUN	290,990
<b>SunRun, Inc</b>	<200KW PV, PON 2112 NY SUN	89,671
	ENERGY STORAGE, PON 2112 NY SUN	143,750
<b>Sunwealth Power, Inc.</b>	<200KW PV, NY-Sun	21,823
	>200KW PV, NY-Sun	7,703
<b>SUNY - ESF</b>	REV Campus Challenge, RM2 - SUNY ESF	154,000
<b>SUNY Oneonta</b>	Commercial New Construc, NCP15020 - Macduff Hall	29,248
	Commercial New Construc, SF203494 - SUNY Oneonta Emerg	7,736
<b>SURF AVENUE LCAL LLC</b>	NYCH: District, FT13258 - 1517 Surf - PON	55,181
<b>Surf Clean Energy Inc</b>	<200KW PV, NY-Sun	58,252
	<200KW PV, PON 2112 NY SUN	22,356
	COMMUNITY SOLAR, NY-Sun	7,721
	COMMUNITY SOLAR, PON 2112 NY SUN	5,304

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Surf Clean Energy Inc</b>	ENERGY STORAGE, NY-Sun	10,131
	ENERGY STORAGE, PON 2112 NY SUN	6,250
<b>Sustainable Comfort, Inc</b>	Talent Pipeline:CE and OJT, OJT HIRE	31,309
<b>Sustainable Energy Advantage, LLC</b>	REC:CES REC System Dev Costs, REMO Subscription	38,000
<b>Sustainable Energy Developments Inc.</b>	<200KW PV, PON 2112 NY SUN	97,491
	Talent Pipeline:CE and OJT, OJT HIRE	14,400
<b>Sustainable Tompkins</b>	Community RH&C, Tompkins County CH&C	250,000
<b>Syracuse University</b>	Retrofit NY, Syracuse University-Retrofit	50,000
<b>Syracuse, City</b>	CLEANER GREENER COMMUNITIES, CGC30900 – City of Syracuse	300,000
<b>Systems Management Planning, Inc.</b>	NYSERDA ADMINISTRATION, Horizon Cloud Services - SMP	19,850
<b>Taitem Engineering, P.C.</b>	Commercial Real Estate Ten, Taitem-110 S Albany St	13,600
	EMERGING TECHNOLOGY / ACCELERATED COMMERCIALIZATIO..	173,375
	Multifam Performance Pgm, RFQL3434 Cat1 Biomass Boilers	430,000
	NYCH: Innovation, RFP3628FlexTechConsultUmbrella	50,000
	Technical Services, FT13178 - 200 East 84th - FTC	17,466
<b>Talva Energy</b>	>200KW PV, PON 2112 NY SUN	37,620
<b>Tech Valley Talent, LLC</b>	NYSERDA ADMINISTRATION, RFP3143 Umbrella Agreement	688,500
	NYSERDA ADMINISTRATION, TWO 8 Server Op's -Rutvik C.	46,360
	NYSERDA ADMINISTRATION, TWO Salesforce BA Jason Thomas	146,640
	NYSERDA ADMINISTRATION, TWO Software Dev. Mgr. Yates	263,250
	NYSERDA ADMINISTRATION, TWO Sr. Software Dev. M Simon	187,200
<b>Tecogen</b>	COMBINED HEAT AND POWER, CHP Acceleration Program	604,500
	Combined Heat and Power, CHPA - 60 Sutton Place	426,938
	COMBINED HEAT AND POWER, CHPA - Hotel Belclaire	198,000
	COMBINED HEAT AND POWER, CHPA - Taxi 302-02 39th St	350,000
	Combined Heat and Power, CHPA-301 East 69th Street - Ma	153,000
	Combined Heat and Power, CHPA-Heritage Middle School	135,000
	Combined Heat and Power, CHPA-Meadow Hill Elementary	135,000
	Combined Heat and Power, CHPA-Newburgh Free Academy	261,000
	Combined Heat and Power, CHPA-Temple Hill Academy	135,000
<b>Tesla Energy Operations Inc</b>	<200KW PV, PON 2112 NY SUN	22,848
	>200KW PV, commercial/industrial	184,200
	>200KW PV, Commercial/Industrial PV	658,113
	>200KW PV, NY Sun	988,840
	>200KW PV, NY-Sun C/I	164,872
	>200KW PV, PV System @ Onondaga County Ja	927,304
	>200KW PV, PV System @ Oswego County - Fu	1,297,513
	ENERGY STORAGE, PON 2112 NY SUN	387,500
	MARKET PATHWAYS, PV System @ Oswego County - Fu	48,432
	NY-SUN, PV System at Oneida County	1,486,136
	NY-SUN, PV System at Onondaga County	1,664,324
	<b>Tetra Tech Engineers, Architects and Lan</b>	Commercial New Construc, Tetra Tech (Consentini) RFP303
<b>The Cadmus Group, LLC</b>	Commercial Real Estate Ten, RFQ3183 Umbrella Agreement	246,792
	Eval MCDC: MF Potential Study, TWO #8 EE Potential - Multifam	290,000
	OREC: Technical Support, Great Lakes Wind Facilitation	18,900
<b>The Coalition for Green Capital</b>	Prof & Expert Engagement, 2021 GB Membership	7,000

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
The Coalition for Green Capital	Prof & Expert Engagement, American Green Bank Consortium	10,000
The Common Pool, LLC	EVPRZ:Implementation, Common Pool Contract	600,000
The Community Builders, Inc.	Low Rise New Construction, New Construction	33,800
The Craft Building Associates LLC	Multifam New Construction, New Construction	65,000
The Greek School of Plato	Commercial New Construc, NCP16004 - New Greek School	56,107
The News Funnel, LLC	RTEM and Tenants, CREtech 2021	10,000
The Renewables Consulting Group, LLC	OREC: Technical Support, OSW Strategic Outlook	49,900
The Research Foundation for the State	New Construction Housing, 2021 Green Buildings Conf	4,000
	New Construction- Commercial, 2021 Green Buildings Conf	2,000
The Trustees of Columbia University	ENVIRONMENTAL RESEARCH, Tropical Cyclone Risk Model	299,873
The Webster Green Housing	Multifam Performance Pgm, Multifamily	34,440
	MULTIFAMILY PERFORMANCE PROGRAM, Multifamily	63,960
Thermal Associates, LLC	NYCH: Talent Ppln:CE and OJT, OJT HIRE	9,600
Thermodynamix LLC	NYCH: Talent Ppln:CE and OJT, OJT HIRE	32,560
	Talent Pipeline:CE and OJT, OJT HIRE	8,160
Thornton Tomasetti, Inc.	Retrofit NY, Multifamily	18,000
Thuesen Mechanical Corp	Combined Heat and Power, CHPA-Silo Ridge 1.2	52,500
ThunderCat Technology LLC	NYSERDA ADMINISTRATION, Checkmarx - Licensing and Supp	61,606
	NYSERDA ADMINISTRATION, Cisco Umbrella Security	18,634
	NYSERDA ADMINISTRATION, Confluence Plugins - Linchpin	10,262
Timothy Marlett	Talent Pipeline:CE and OJT, OJT HIRE	7,200
Tompkins County	Clean Energy Communities, CEC011216 - Tompkins County	250,000
Town of Austerlitz, New York	CEC400162-Twn of Austerlitz	30,000
	Clean Energy Communities, CEC400162-Twn of Austerlitz	5,000
Town of Bedford	CLEANER GREENER COMMUNITIES, CGC62563 - Town of Bedford	250,000
Town of Colton	Clean Energy Communities, CEC701140 - Town of Colton	50,000
Town of Greece	Clean Energy Communities, CEC310376-Town of Greece	150,000
Town of Greenville	NYCH: Communities, CEC400161-Town of Greenville	30,000
Town of Kinderhook	CEC400049-Vlg of Kinderhook	30,000
Town of Skaneateles	Clean Energy Communities, Town of Skaneatele	50,000
Town of Southold	CLEANER GREENER COMMUNITIES, Town of Southold	100,000
Town of Ulysses	CLEANER GREENER COMMUNITIES, CGC39053 - Town of Ulysses	40,000
Town of Veteran	Clean Energy Communities, CEC001367 - Town of Veteran	50,000
Trane	K-12 SCHOOLS, P12GC-22_E - Poughkeepsie -PON	146,000
	K-12 SCHOOLS, P12GC-25_E - Gowanda CSD - PON	54,058
	Real Time Enrgy Management, Trane - 9733 Main St - RTEM	108,000
	Real Time Enrgy Management, Trane-215 S Broad-RTEM	106,975
Transect Inc.	BR: Prospecting, Mapping Service Subscription	45,000
TRC Energy Services	ADVANCED BUILDINGS, Technical Review and Program S	130,225
	ENVIRONMENTAL RESEARCH, Technical Review and Program S	49,750
	Low-Income Forum on Energy, LIFE Implementation Services	376,928
Trinity Solar Inc	<200KW PV, PON 2112 NY SUN	39,746
True Building Performance LLC	Talent Pipeline:CE and OJT, OJT HIRE	7,040
True Energy Solutions	NYCH: Talent Ppln:CE and OJT, OJT HIRE	23,560
	Talent Pipeline:CE and OJT, OJT Hire	38,560
TS Media Consulting, LLC	NYSERDA ADMINISTRATION, Communications Consultant	166,725

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>TurnKey Internet, Inc.</b>	Industrial Process Effic, Industrial Process Efficiency	202,454
<b>Two Plus Four Construction Co., Inc.</b>	New Construction Housing, 2019 LRNCP	41,000
<b>Unique Comp Inc.</b>	NYSERDA ADMINISTRATION, RFP3143 Umbrella Agreement	761,800
	NYSERDA ADMINISTRATION, TWO BA - Shreyas Najan	148,200
	NYSERDA ADMINISTRATION, TWO SQL ETL Dev. NCM	353,600
	NYSERDA ADMINISTRATION, TWO Sr. Systems Admin.- Bhanu	353,600
	REC:CES REC System Dev Costs, TWO Salesforce Dev. - Asrith	243,880
<b>Unique Electric Solutions of NYS LLC</b>	M-Corps, Upgrading UES Supply Chain	49,000
<b>University at Albany</b>	Community RH&C, CH&C Fellow	23,500
	Geothermal Incentive Program, GSHP Incentve	500,000
	High Performing Grid, PON 3770	84,500
<b>University of Rochester</b>	ENVIRONMENTAL RESEARCH, Air Quality & Hlth Effects	175,778
	Industrial Process Effic, Industrial Process Efficiency	384,482
<b>Upstate Capital Association of New York</b>	Prof & Expert Engagement, 2021 Membership	50,000
<b>Upstate Venture Connect</b>	Prof & Expert Engagement, 2021 Membership	25,000
<b>Urban Electric Power, LLC</b>	SMART GRID SYSTEMS, 1MWh Peak-Shaving Battery	1,000,000
	Talent Pipeline:CE and OJT, OJT HIRE	40,320
<b>Urban Green Council</b>	New Construction Housing, General marketing and outreach	40,000
	New Construction- Commercial, General marketing and outreach	10,000
	Workforce Industry Partnership, PON 3715 Workforce Training	295,021
<b>US Ceiling CORP</b>	Talent Pipeline:CE and OJT, OJT HIRE	7,920
<b>US Energy Concierge Inc</b>	<200KW PV, NY-Sun	6,320
<b>Van Hee Mechanical</b>	NYCH: Talent Ppln:CE and OJT, OJT HIRE	42,240
	Talent Pipeline:CE and OJT, OJT HIRE	12,960
<b>Vecino Group New York, LLC</b>	New Construction Housing, 2019 MFCNP	617,400
<b>Venture at Endicott LLC</b>	Technical Services, FT13171 - 15 Delaware - PON	10,000
<b>Verari Financial Services, LLC</b>	Fuel Cells, Fuel Cell Incentive - FC-036	1,000,000
<b>Verdant Power, Inc.</b>	ENVIRONMENTAL RESEARCH, RITE Environmental Assessment	286,531
	OTHER PROGRAM AREA, Environmentally Preferred Powe	720,000
	RENEWABLES & DER INTEGRATION, Environmentally Preferred Po..	580,000
	RENEWABLES & DER INTEGRATION, RITE Environmental Assessm..	142,547
<b>Verizon Communications Inc</b>	Industrial Process Effic, Industrial Process Efficiency	817,744
<b>Vermont Energy Investment Corporation</b>	Geothermal Incentive Program, Heat Pump Supplemental Heat An	50,000
	Industrial Process Effic, Umbrella Contract	299,092
<b>Verona Village LLC</b>	Multifam Performance Pgm, Multifamily	32,200
<b>Vidaris, Inc.</b>	Commercial New Construc, Commercial New Construction	83,815
	Commercial New Construc, Vidaris - EMP	167,695
	Flexible Tech Assistance, FT12256 - Trinity Hudson - FTC	50,120
	New Construction- Commercial, Commercaill New Construction	50,323
<b>Village of Canastota</b>	Clean Energy Communities, PON 3298 CEC	100,000
<b>Village of Livonia</b>	Clean Energy Communities, CEC300387 - Village of Livonia	50,000
<b>Village of Montour Falls</b>	Clean Energy Communities, CEC001316 V Montour Falls	50,000
<b>Viola Homes Inc.</b>	<200KW PV, PON 2112 NY SUN	7,189
<b>Vivint Solar</b>	<200KW PV, PON 2112 NY SUN	5,712
<b>Warren Washington Association for Mental</b>	Low Rise New Construction, New Construction	29,000
<b>Wayne County Action Program</b>	Talent Pipeline:CE and OJT, OJT HIRE	15,178

**Contracts Completed**  
**Period 4/1/2021 through 9/30/2021**

<b>Contractor</b>	<b>Contract Description</b>	<b>Total Contract Amount</b>
<b>Wayside Energy Storage New York, LLC</b>	Pub Transit & Elect Rail, Beacon Flywheel WESS 7-Line	1,000,000
<b>WB Engineering &amp; Consulting PLLC</b>	Commercial Real Estate Ten, WB Engineers-345 Hudson St	150,000
<b>Wendel Energy Services, LLC</b>	K-12 SCHOOLS, P12GC_13E - Rochester - FTC	230,000
	K-12 SCHOOLS, P12GC-28_E - Starpoint - FTC	52,800
	NYCH: Technical Assistance, RFP3628FlexTechConsultUmbrella	40,000
	Technical Services, FT13164 - Multiple - FTC	35,000
	Technical Services, FT13195 - Multiple - FTC	21,500
<b>Wendel WD Architecture, Engineering,</b>	ANAEROBIC DIGESTER, RPS-CST Quality Assurance/Qual	71,292
<b>West Harlem Environmental Action, Inc.</b>	REVitalize, RFP 3584 Revitalize	65,000
<b>White River Solar, LLC</b>	>200KW PV, NY Sun	1,124,046
<b>Wilder Balter Partners, Inc.</b>	Low Rise New Construction, 2019 LRNCP	42,000
	New Construction Housing, 2019 LRNCP	274,200
<b>Wilfrid Developers, LLC</b>	Multifam New Construction, MFNCP - The Wilfrid	100,000
<b>Willdan Energy Solutions</b>	Industrial Process Effic, Industrial Process Efficiency	34,940
	Industrial Process Effic, Technical Review and Program S	16,397
<b>Willdan Lighting &amp; Electric, Inc.</b>	Talent Pipeline:CE and OJT, OJT HIRE	10,800
<b>William Timkey</b>	<200KW PV, PON 2112 NY SUN	5,544
<b>Wiltshire Renewable Energy Systems, LLC</b>	<200KW PV, NY-Sun	6,048
	<200KW PV, PON 2112 NY SUN	49,088
<b>Wise Home Energy, LLC</b>	Talent Pipeline:CE and OJT, OJT HIRE	13,760
<b>Witt Construction, Inc</b>	Low Rise New Construction, New Construction	5,500
<b>Wood Mackenzie Power &amp; Renewables, Inc.</b>	OREC: Technical Support, NA Power & Renewables 2021/22	26,500
	REC:CES REC System Dev Costs, NA Power & Renewables 2021/22	26,500
<b>WSP USA Corp.</b>	Flexible Tech Assistance, Commercial Market Engagement	71,210
	REV Campus Challenge, Commercial Market Engagement	133,475
<b>Wyoming County Community Action, Inc.</b>	Multifam Performance Pgm, Multifamily	36,400
<b>Xerox Corp</b>	NYSERDA ADMINISTRATION, Xerox Maintenance Agreement	89,200
<b>Xzerta Energy Group LLC</b>	>200KW PV, NY Sun	1,058,092
	>200KW PV, NY-Sun commercial/industrial	1,068,064
<b>You Save Green Incorporated</b>	>200KW PV, PON 2112 NY SUN	483,840
<b>Zerodraft Residential Inc.</b>	Talent Pipeline:CE and OJT, OJT HIRE	16,432
<b>Zotos International, Inc.</b>	LARGE SCALE RENEWABLES, 8th RPS Main Tier Solicitation	683,480
<b>Grand Total</b>		323,622,357