

NYSERDA Residential Market Advisory Group Q3 2026 Meeting

10/08/2026

10:00 a.m. – 12:00 p.m. ET

NEW YORK STATE | NYSERDA

The NYSERDA Residential Market Advisory Group is a forum for stakeholder engagement on the residential clean energy market's highest-priority issues

Engagement Opportunities

- Quarterly Meetings (In-Person and Virtual)
- Working Groups
- Expert Panels
- Listening Sessions

Functions

- Advance residential clean energy and efficiency market development and innovation
- Iterate on programmatic design and implementation with stakeholder feedback
- Provide policy updates and relevant knowledge sharing for residential actors
- Foster NYSERDA clean energy and energy efficiency thought leadership

Meeting Agenda

Time (Eastern Time – ET)	Topic and Presenter
10:00 am – 10:10 am **10 Minutes**	• *Welcome and Introductions* • *Agenda Review*

10:10 am – 11:10 am
60 Minutes
	• *NYSERDA Program and Policy Updates*
	  ○ Residential Storage
	  ○ New Efficient Homes New York
	  ○ EmPower+
	  ○ Municipal Permitting Modernization Effort

11:10 am – 11:40 am
30 Minutes
	• *RMAG Activity Updates*
	  ○ No Heat Working Group
	  ○ Geothermal Target Areas Working Group Final Report

11:40 am – 11:55 am **15 Minutes**	• *RMAG Priority Setting Poll*
11:55 pm – 12:00 pm **5 Minutes**	• Closing and Next Steps

Welcome

Courtney Moriarta

Tamar Nagel

NYSERDA Home Modernization

NYSERDA Residential Energy Storage Incentive Program

Jasmine Lim, Project Manager, Residential & Retail Energy Storage

Residential Market Advisory Group Meeting

October 8, 2026

NEW YORK STATE | NYSERDA
New York State Energy Research and Development Authority

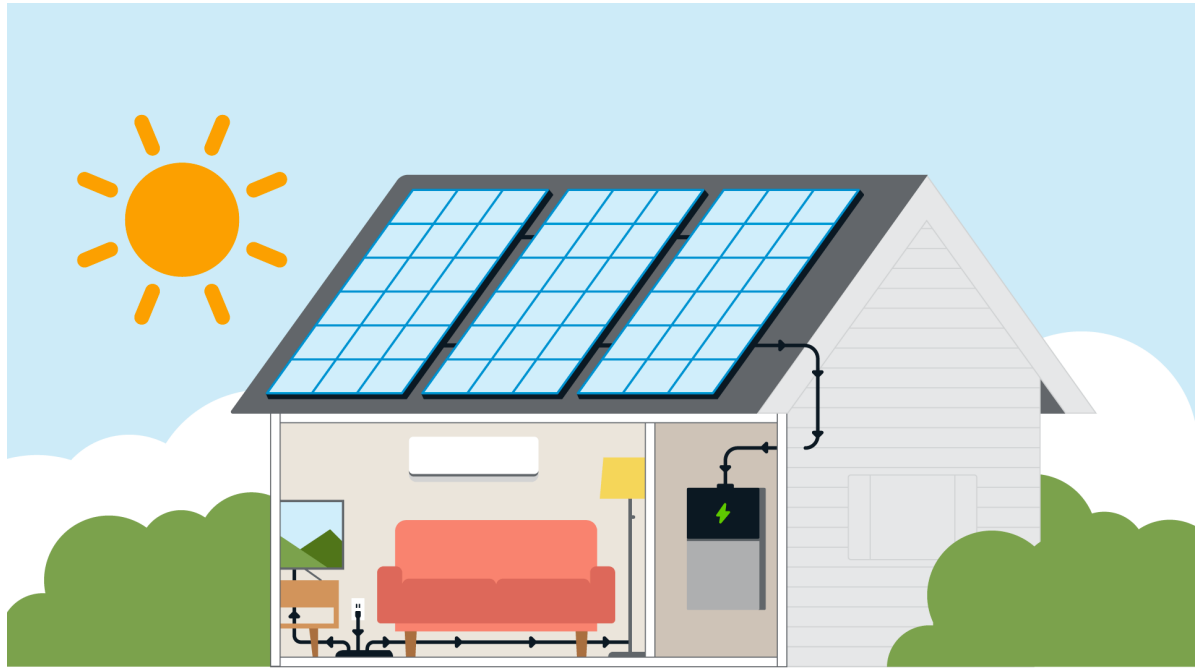
Agenda

- Residential & Retail Storage Programs: Background and Overview
- Residential Storage Program: Con Edison + Rest of State
- NY-Sun Residential Solar + Energy Storage Program: Long Island
- Residential Inclusive Storage Incentive Program
- Contractor and Stakeholder Resources
- Q&A

Residential & Retail Storage Programs: Background and Overview

Residential energy storage provides benefits to homeowners with or without solar panels

- Resiliency:
  - **Backup power** to run essential appliances during a grid outage without burning a fossil fuel generator.
- Comfort:
  - **Noiseless operation**, unlike backup generators
- Cost Savings:
  - **Ability to store solar power** for later use rather than purchasing grid power
  - **Ability to send power to grid** for bill savings or direct compensation via utility programs
- Convenience:
  - **Very little maintenance** once installed
  - **No fuel**, unlike backup generators



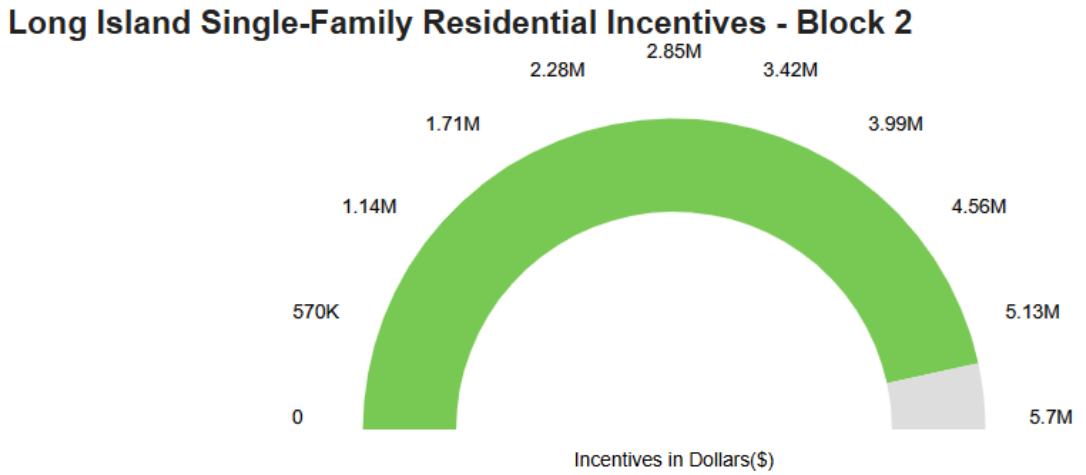
NYSERDA began funding Long Island Residential Solar + Energy Storage in 2019, through NY-Sun program

NY-Sun Long Island Solar Plus Energy Storage Program

Opened in 2019 with “Roadmap 1.0”/RGGI funding and allocated in 2021

Residential:

- **Long Island Solar + Storage (still available)**
  - RGGI-funded incentives for systems in LIPA



Allocated Budget: $5,700,000

Committed Budget: $5,311,865

Available Budget: $388,135

Current Incentive : $250/kWh

2024 Storage Order authorized NYSERDA's Residential Storage program serving Con Edison, Rest of State

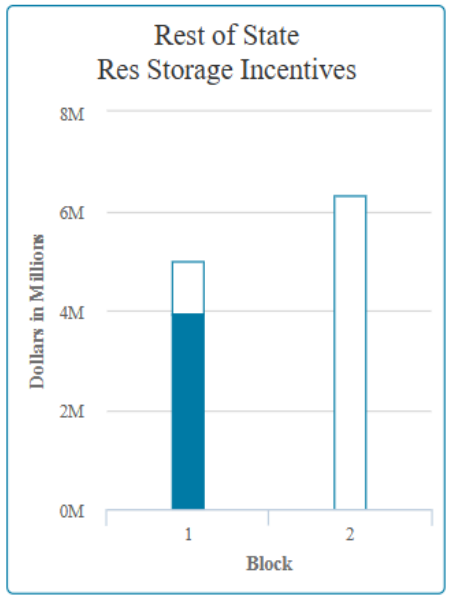
New (2024) Residential/Retail Programs

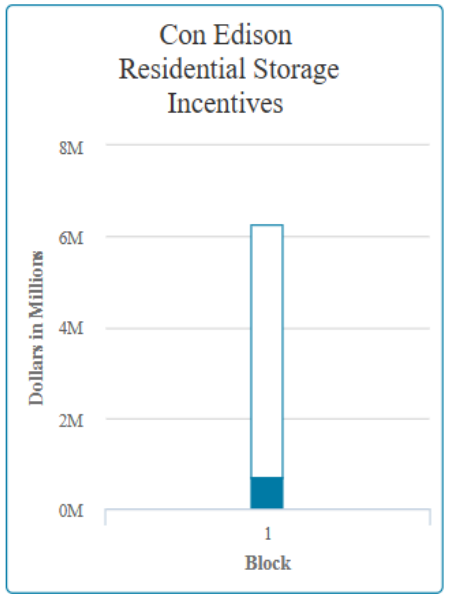
Authorized by NY Public Service Commission in June 2024 Storage Order: **1,700 MW**

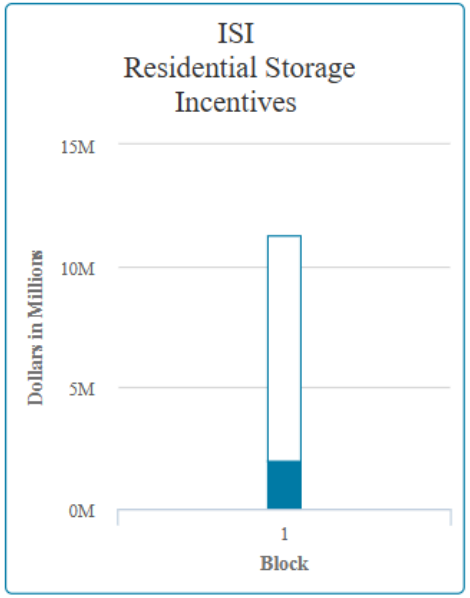
Residential: 200 MW ($100M)

- ≥ 35% Residential in disadvantaged community census tracts

Retail "2.0": 1,500 MW





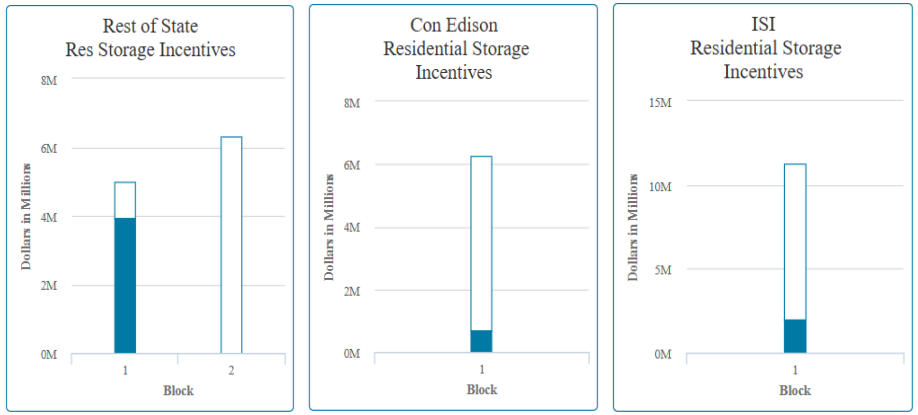


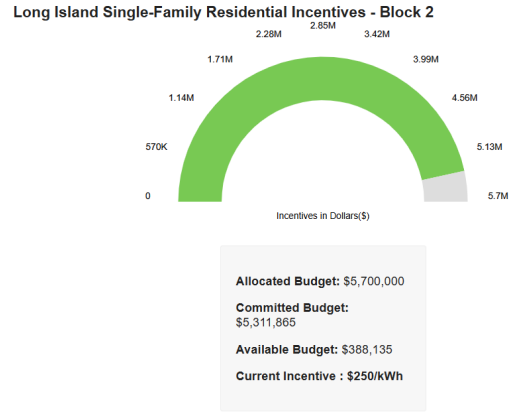
Residential Storage incentive programs use MWh Block structure

Residential storage incentive programs use **MWh Block** structure (similar to MW Blocks for NY-Sun)

- Series of capacity-based funding "blocks" associated with:
  - Market segment
  - Geography
  - Incentive rate (in **$/kWh**) and funding amount
  - Allocable capacity (in **MWh**)

- Allocated and available capacity shown in real-time: **online MWh dashboards** on NYSERDA website
- Per the 2024 Storage Order, NYSERDA may exercise flexibility to adjust segment/geographic allocations and incentive rates based on prevailing market conditions, in consultation with DPS





Residential Storage Program: Con Edison + Rest of State*

*Non-Long Island

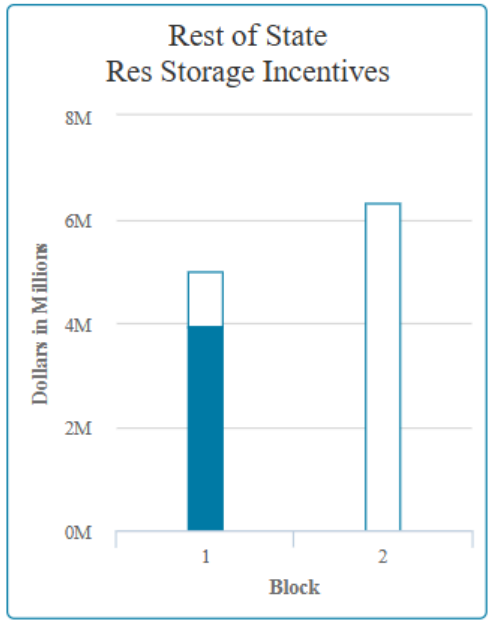
Eligibility: Residential storage must be new, installed by end of 2030, and enroll in utility BYOB program

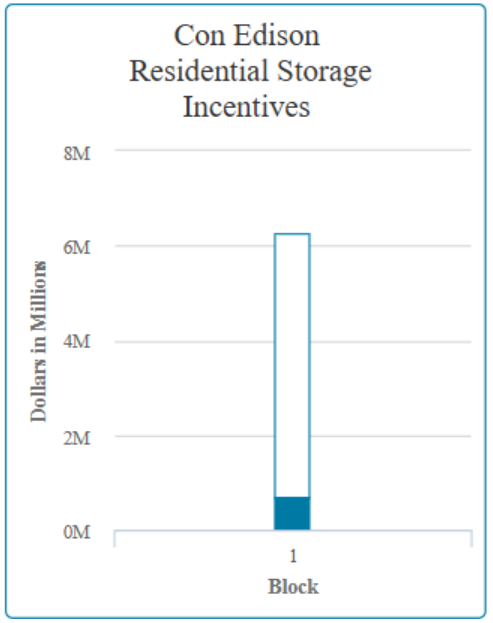
- The storage system must be **new** (not in service at time of application) and **permanently installed behind the electric meter**
  - Systems may be paired with solar PV system, or standalone
- The system **must interconnect to the electric utility grid** via the Standardized Interconnection Requirements before **December 31, 2030**
- The system must enroll in a utility **Bring Your Own Battery** (aka. Dynamic Load Management) program or other qualifying aggregation program, as described in Program Manual
- The system must receive required **local permits**
  - Building permits must **mention energy storage** or demonstrate that municipality granted permit with awareness of the storage system
- Equipment must be **commercially available** with ≥ **10-year warranty** and **UL 9540 listing**

Please refer to Energy Storage Program Manual for complete eligibility requirements

Up to 25 kWh system can receive $200/kWh in Rest of State Block 1, $250/kWh in Con Edison Block 1

- 2 regional blocks:
  - Con Edison: includes Westchester County
  - Rest of State: includes all upstate utilities
- Maximum award per project is capped at **25 kWh**
- **Current block sizes and rates:**
  - **Con Edison Block 1:** $6.25M, 25 MWh/10 MW, at **$250/kWh**
  - **Rest of State Block 1:** $5.0M, 25 MWh/10 MW, at **$200/kWh**
- Coming soon: **Rest of State Block 2** - $6.3M, 36 MWh/15 MW, at **$175/kWh**
- Subsequent block sizes and incentive levels will be published on the MWh Block dashboard and announced through NYSERDA's Energy Storage mailing list

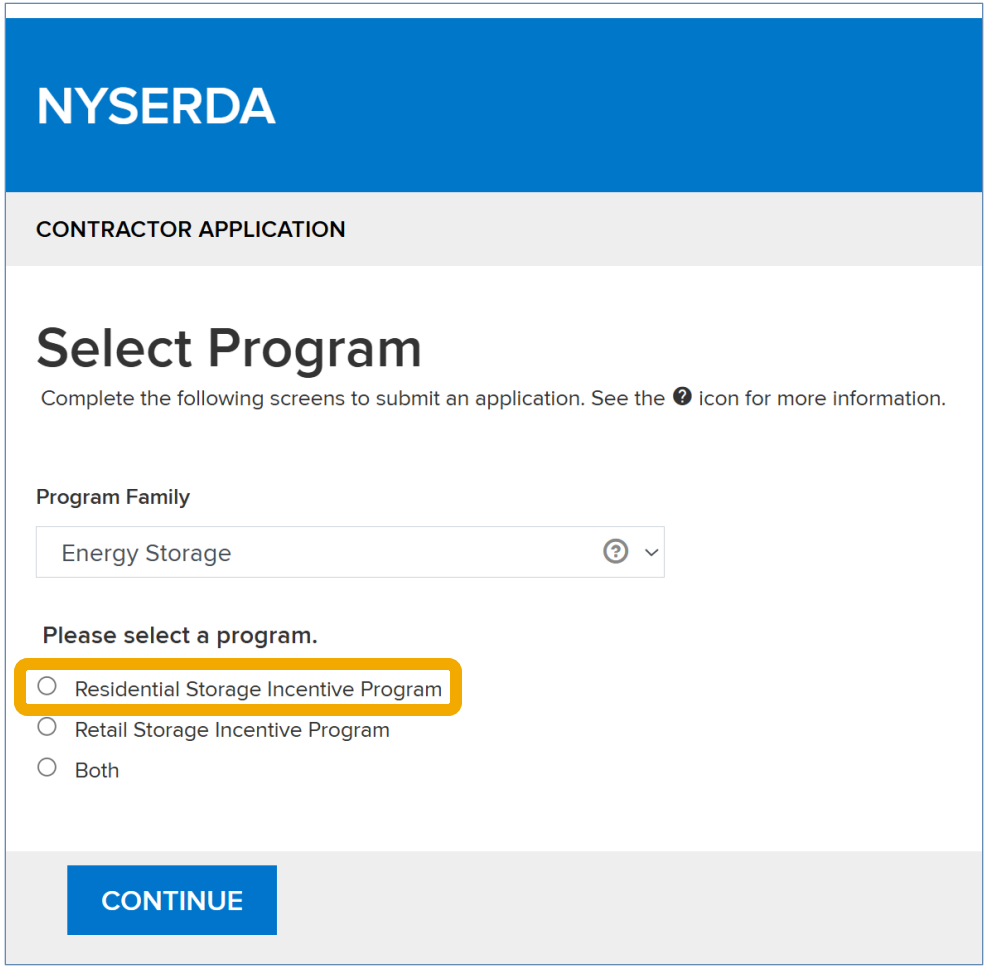




To access incentives for your customers: become a Participating Contractor with Energy Storage program

- Incentives for customers are accessed through a **network of Participating Contractors** who:
  - **Contract directly with customer and NYSERDA**
  - **Are held responsible for meeting all program requirements**
    - Regardless of subcontracting arrangements
    - Requirements based on Program Manual in effect at date of application

- Apply via online **Contractor Application** available on NYSERDA Energy Storage website
  - **Solar-only NY-Sun contractors will need to re-apply separately for Energy Storage programs**



Residential program allows for both Participating Contractors and Builders

- In addition to requiring approval of a Participating **Contractor**, the energy storage system's installation can be overseen by a Participating **Builder.**
  - **Contractors** are responsible for the contract with the customer
  - **Builders** are responsible for the installation of the system
  - A company approved as both a contractor and builder is responsible for all aspects of the project

- Requirements specific to Residential Participating Contractors and Builders include:
  - **Builder credentials:** 1 staff member must have 30 hours of energy-storage specific installation training
  - **DPS DER Provider Approval Letter** (for contracting directly with customers)
  - **For lease/PPA: customer agreement section** detailing total cost and applicable incentives, escalation rate/factor, and other terms (detailed in Contractor Application Checklist on website)

NY-Sun Residential Solar + Energy Storage Program: Long Island

Eligibility: Residential storage must be paired with solar and enroll in PSEG LI Battery Storage Rewards

- The solar system and energy storage system must both be permanently installed **behind the customer's electric meter** and **grid-connected**
  - The **energy storage system must be new**, but can be paired with an existing or new solar system

- The system must interconnect through the **Standardized Interconnection Requirements** and receive required **local permits**

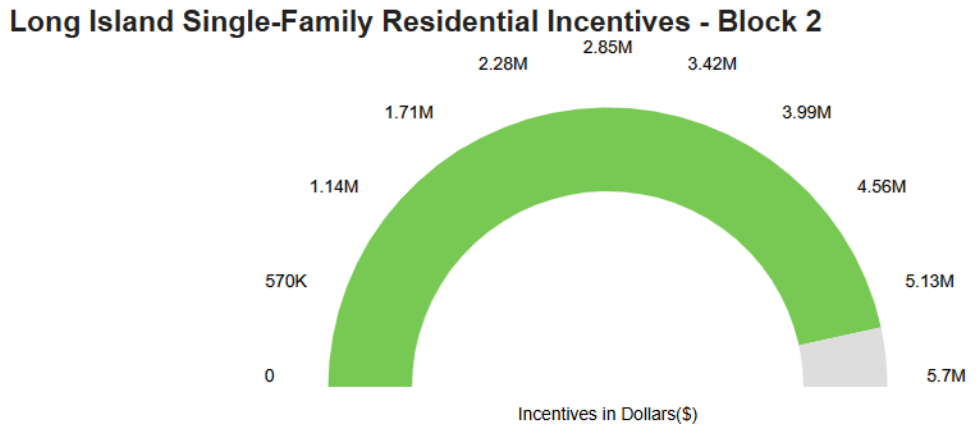
- The system must enroll in PSEG Long Island's Battery Storage Rewards program or other qualifying aggregation program verified by PSEG, as described in NY-Sun Program Manual

- The system must be listed to specific **UL/CAN standards** listed in the Program Manual
  - **UL 9540**

Please refer to NY-Sun Program Manual for complete eligibility requirements

Up to 25 kWh system can receive $250/kWh in Long Island Block 2

- 1 block covering PSEG Long Island territory
  - *Administered through NY-Sun
- Maximum award per project is capped at **25 kWh**
- **Current block size and rate:**
  - **Long Island Block 2:** ~$400k currently available, at **$250/kWh**
- Subsequent block sizes and incentive levels will be published on the MWh Block dashboard and announced through NYSERDA's NY-Sun mailing list



Allocated Budget: $5,700,000

Committed Budget: $5,311,865

Available Budget: $388,135

Current Incentive : $250/kWh

To access Long Island incentive, become a Participating Contractor with NY-Sun Program

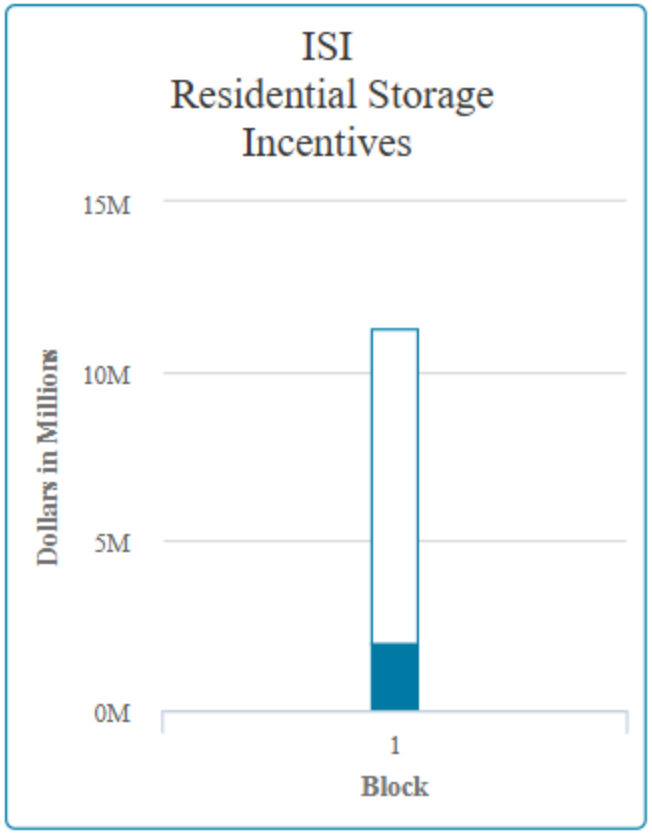
Residential Inclusive Storage Incentive Program (ISI)

The Inclusive Storage Incentive offers a higher rate for projects serving disadvantaged communities

Inclusive Storage Incentives (ISI) includes Residential ISI

- The 2024 Storage Order directs that at least **35% of on-site** (Residential and on-site Retail) projects must be sited in **disadvantaged community census tracts**
  - The **Residential program will allocate 80 MW** (40 percent of total Residential storage program capacity of 200 MW authorized by the 2024 Storage Order) toward the Residential ISI.

- Residential ISI Block 1 **opened in April 2026** following launch webinar in December 2025



Residential ISI Block 1 is a 25 MWh statewide block offered at $450/kWh

- NYSERDA has allocated $11.25M for an **initial statewide block** of 10 MW/**25 MWh** at an incentive rate of **$450/kWh** to the first block of Residential ISI
  - **Statewide block does not include Long Island**
  - Capacity allocations and incentive rates for future Residential ISI blocks will be determined based on analysis of prevailing market conditions, uptake trends, and stakeholder feedback.

- Residential ISI projects must meet **one** of the following criteria, **in addition to main Residential program criteria:**
  1. Be **located within a DAC** census tract as identified by the Climate Justice Working Group
  2. Service the owner-occupied residence with household income **less than 80% of the Area Median Income** (AMI) or 80% of the State Median Income (SMI), whichever is higher
     1. Determined by **Income Eligibility Verification application** (same used for NY-Sun)
  3. Service a residential (1-4 unit) **affordable housing** property

Contractor and Stakeholder Resources

Visit our website for the program manual, contractor application and checklist, and more information

- Participating contractors can access fact sheets, guides, webinars, and workshops or conferences online at NYSERDA's Residential and Retail Storage Incentives webpage. These include:
  - Residential-Retail Storage **Program Manual**
  - **Contractor Checklist** and **Project Application Guidance Documents**
  - **Peer Review Submission Guide**
  - Emergency Response Plan template
  - Energy Storage **Value Stack Reference Guide and Calculator**
  - **Standards and Quality Assurance Policy and Procedure Manual**
  - Energy Storage Interconnection Guide and Standard Interconnection Requirements
  - New York State Battery Energy Storage System Guidebook
  - New York City Siting Guide
  - Utility Hosting Capacity Maps
  - Financing options via the New York Green Bank
  - Tax Incentive and Customer Electric Rates Reference Guides

Questions, Suggestions, Feedback are Welcome!

We are here to support:

energystorage@nyserda.ny.gov

New Efficient Homes New York Program

Residential Market Advisory Group Meeting

October 8, 2026

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New York State Energy Research and Development Authority

NEW EFFICIENT HOMES NEW YORK PROGRAM
HEAT PUMP INCENTIVE

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$75M Program Offering

Between $6k-$15K per dwelling unit

For the purchase and install of cold climate air source heat pumps (ASHP) and ground source heat pumps (GSHP).

Location
Statewide (SBC and non-SBC territories)

Applicant
Developers and home builders

Building Eligibility
- New single-family and small homes
- New multifamily buildings <50K sf.

Electrification Eligibility Requirement
- Air Source Heat Pump: full HVAC electrification
- Ground Source Heat Pump: fully electrified home



Key Program Benefits

Save on upfront costs

Get all-in-one heating and cooling

Reduce energy use

Engine 16
Imagery Credit: Perspective Arts

NEW EFFICIENT HOMES NEW YORK PROGRAM
HEAT PUMP INCENTIVE

NEW YORK STATE | NYSERDA

Declining Block Incentive Structure

Program Year[1]	Air Source ($/Dwelling Unit)	Ground Source ($/Dwelling Unit)	Disadvantaged Community bonus ($/Dwelling Unit)
Year 1	$6k	$15k	+$1k
Year 2	$5k	$12k	+$1k
Year 3	$4k	$9k	+$1k

*Incentives must not exceed 35% of the installed cost of the equipment.
[1]The year the approvable application was submitted is defined as:
Year 1: September 25, 2026-December 31, 2027
Year 2: January 1, 2028-December 31, 2028
Year 3: January 1, 2029-December 31, 2029

How to Participate

Application Link

Applications will be accepted on an open enrollment basis until December 15, 2029, at 3:00 p.m. EST, or until funds are fully committed.



Help One
Imagery Credit: Curtis + Ginsberg Architects LLP

BUILDINGS OF EXCELLENCE COMPETITION
ROUND 7

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$20M Program Offering

Up to **$1.5 million per project**
recognizes and rewards the design, construction, and operation of resilient, climate-friendly multifamily buildings that are healthier for residents and their communities.

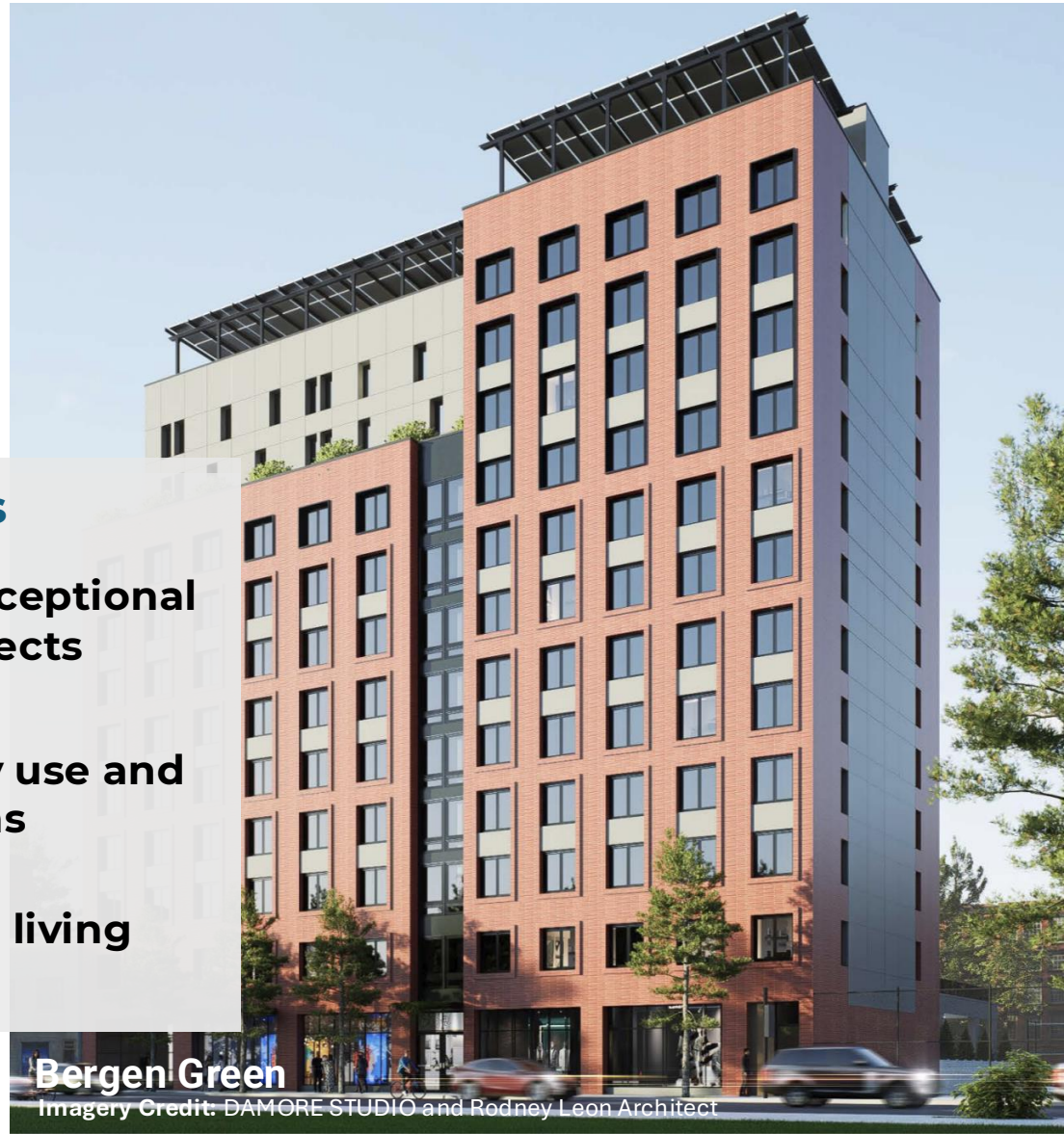
How to Participate

BOE is a competitive offering requiring a project proposal.

Application Link
Proposals will be accepted until January 20th 2027, at 3:00 p.m. EST.

Key Program Benefits

- **Demonstrate exceptional multifamily projects**
- **Reduced energy use and carbon emissions**
- **Provide resilient living spaces**



Bergen Green
Imagery Credit: DAMORE STUDIO and Rodney Leon Architect

NEW EFFICIENT HOMES NEW YORK PROGRAM
ENHANCED DESIGN SUPPORT

$25M Program Offering

Up to **$250,000** per multifamily project and up to **$75,000** per applicant per year for single family is available to design partners for early-stage clean, resilient, and high-performance design support for multifamily projects.

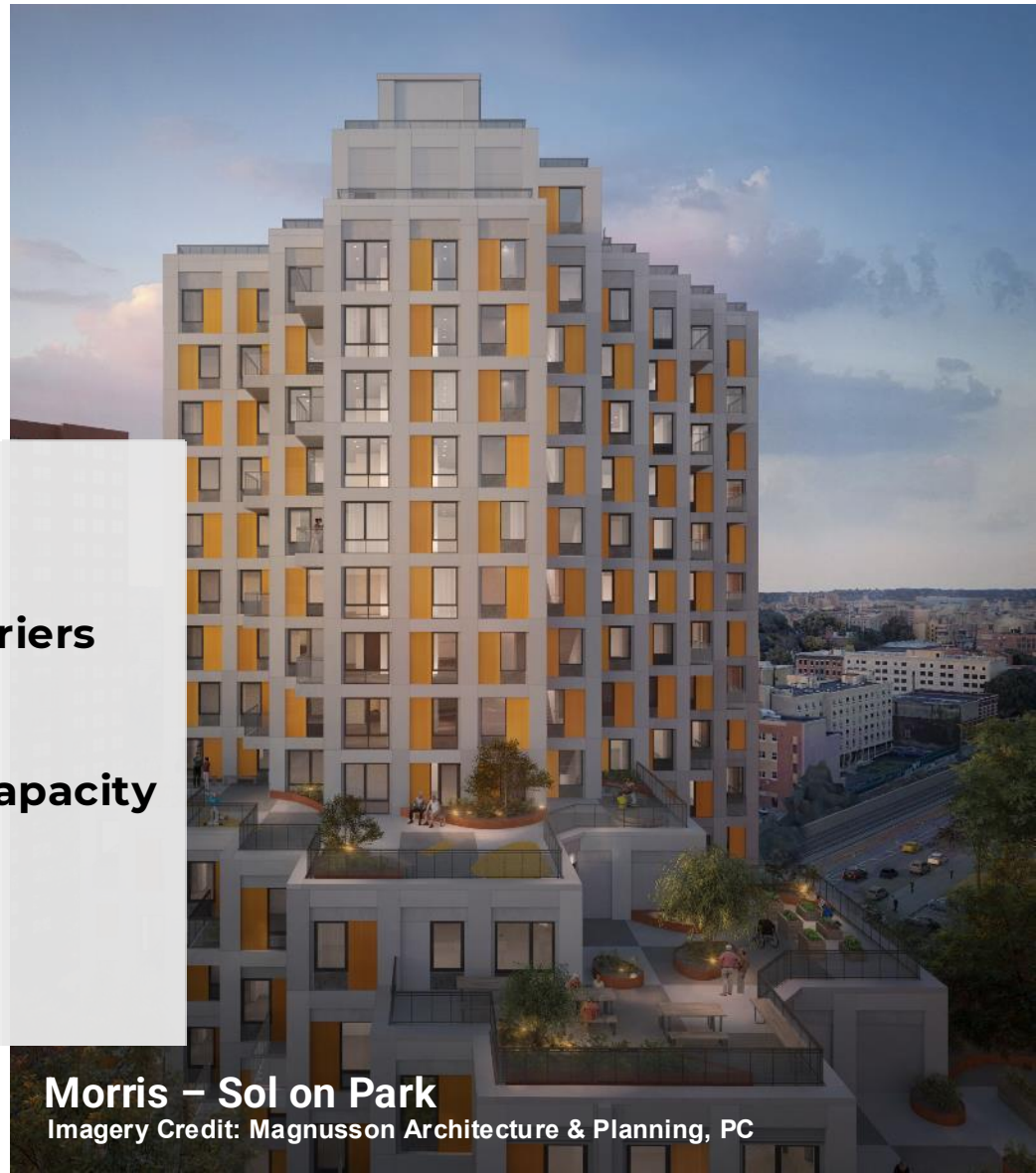
How to Participate

Application Link

Applications will be accepted on an open enrollment basis until December 15, 2029, at 3:00 p.m. EST, or until funds are fully committed.

Key Program Benefits

- **Reduce market barriers**
- **Increase industry capacity**
- **Support workforce development**



Morris – Sol on Park
Imagery Credit: Magnusson Architecture & Planning, PC

EmPower+ Fall 2026 RMAG Updates

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New York State Energy Research and Development Authority

As of August 2026 EmPower+ has achieved the following milestones for 2026:

- Over 12,800 completed projects
- Nearly $105,000,000 incentives paid
- Estimated 70,000 MWh saved annually (Gross)
- Estimated 325,000 MMBTU saved annually (Gross)
- 192 Contractors completed projects

EmPower+ received $150 million in Sustainable Futures Fund and $50 of On budget funds in this year's state budget for a total of $200 million for heat pumps, HPWHs, and panel boxes.

EmPower+ incentives were updated effective August 31, 2026 to adapt to new DOE rules for IRA HEAR and to fully deploy Sustainable Futures Program funds appropriated in the ’26-27 NYS Budget. IRA and SFP incentives cannot be stacked on the same project.

IRA HEAR:

$1,600 for insulation, air sealing, and ventilation

Sustainable Futures Fund:

$10,000 for Air Source and Ground Source Heat Pumps

$5,000 for Heat Pump Water Heaters

$5,000 for Panel Box replacements

$2,500 for other electrical wiring upgrades

EXAMPLE PROJECT STACKS

Electrification

$5,000 SFP HPWH

$10,000 SFP ASHP/GSHP

$5,000 SFP Panel Box

$2,000 wiring upgrade

Up to $12,000/$14,000 EEBE/RGGI

($6,000/$7,000 for MI, up to 50% of project cost)

Total Possible Project size:

$34,000/$36,000 Upstate/Downstate Low Income

$29,000/$31,000 Upstate/Downstate Moderate Income

Insulation Only:

$1,600 IRA (first money)

Up to $12,000/$14,000 EEBE/RGGI ($6,000/$7,000 for MI, up to 50% of project cost)

Total possible project size:

$13,600/ $15,600 Low Income

$7,600/$8,600 Moderate income

EmPower+ has begun to implement the LMI EEBE order, changed the IRA program under DOE direction, and is planning for future developments to streamline the program and make it stronger.

March 2026

Primary EEBE changes including income eligibility, increased incentives, and heat pump ready weatherization requirements

September 2026

- IRA measure changes
- Added measures and raised incentives through the Sustainable Futures Fund

Q1 2027

- Launch Pre-weatherization Health and Safety Offering
- Participation by Region Report

2028

- Successor to NYHEP
- Renter Offer
- Public Facing Dashboards

Municipal Permitting Modernization

Elizabeth Staubach

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New York State Energy Research and Development Authority

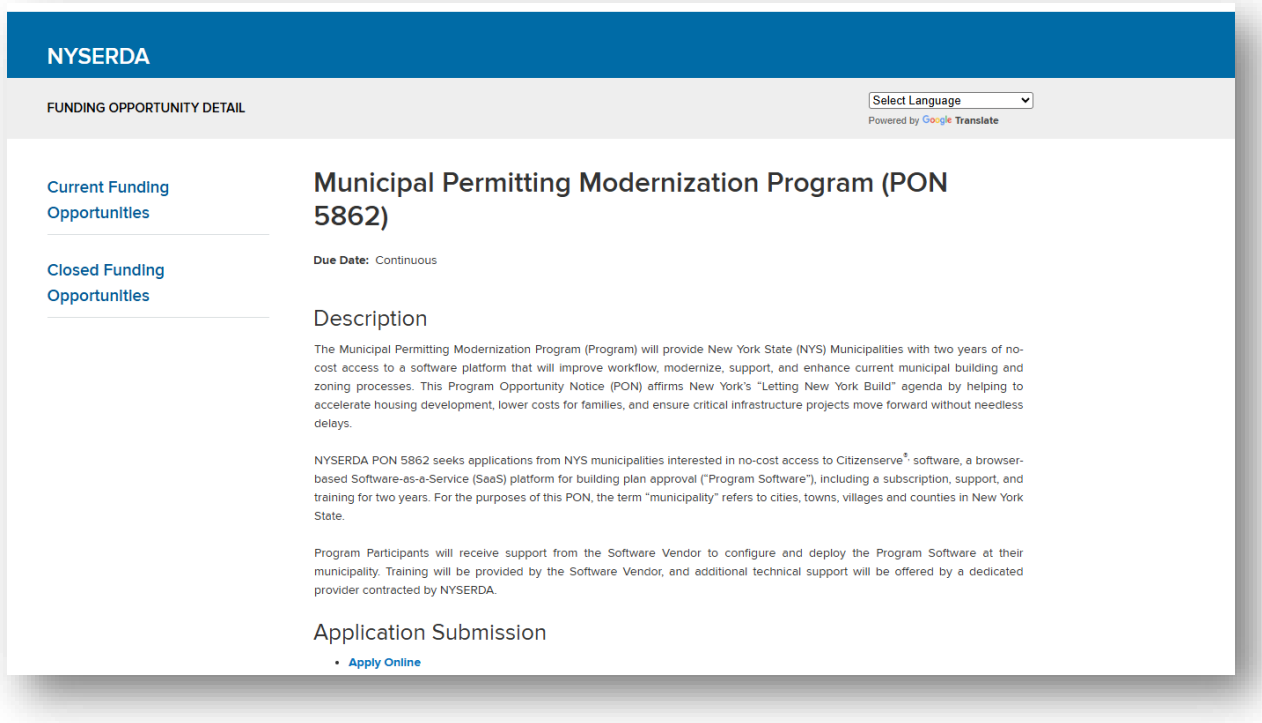
Program Opportunity Notice (PON) 5862

The Municipal Permitting Modernization Program will provide New York State Municipalities with **two years of no-cost access** to a software platform to improve workflow, modernize, support, and enhance current municipal building and zoning processes.

Program Participants **will receive support** from the Software Vendor to configure and deploy the Program Software at their municipality.

Training will be provided by the Software Vendor, and **additional technical support will be offered** by a dedicated provider contracted by NYSERDA.

[Municipal Permitting Modernization Program (PON 5862)]


NYSERDA

FUNDING OPPORTUNITY DETAIL

Select Language

Powered by Google Translate

Current Funding Opportunities

Closed Funding Opportunities

Municipal Permitting Modernization Program (PON 5862)

Due Date: Continuous

Description

The Municipal Permitting Modernization Program (Program) will provide New York State (NYS) Municipalities with two years of no-cost access to a software platform that will improve workflow, modernize, support, and enhance current municipal building and zoning processes. This Program Opportunity Notice (PON) affirms New York's "Letting New York Build" agenda by helping to accelerate housing development, lower costs for families, and ensure critical infrastructure projects move forward without needless delays.

NYSERDA PON 5862 seeks applications from NYS municipalities interested in no-cost access to Citizenserve® software, a browser-based Software-as-a-Service (SaaS) platform for building plan approval ("Program Software"), including a subscription, support, and training for two years. For the purposes of this PON, the term "municipality" refers to cities, towns, villages and counties in New York State.

Program Participants will receive support from the Software Vendor to configure and deploy the Program Software at their municipality. Training will be provided by the Software Vendor, and additional technical support will be offered by a dedicated provider contracted by NYSERDA.

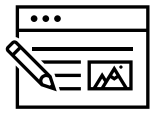
Application Submission

- Apply Online

Potential Benefits of the Municipal Permitting Modernization Program: Brief Summary



Streamlines municipal permit processes, automates tasks, reduces silos between departments, self-help for applicants



Regional consistency with permit application interface reduces barriers for customers across New York State



Enhanced customer service

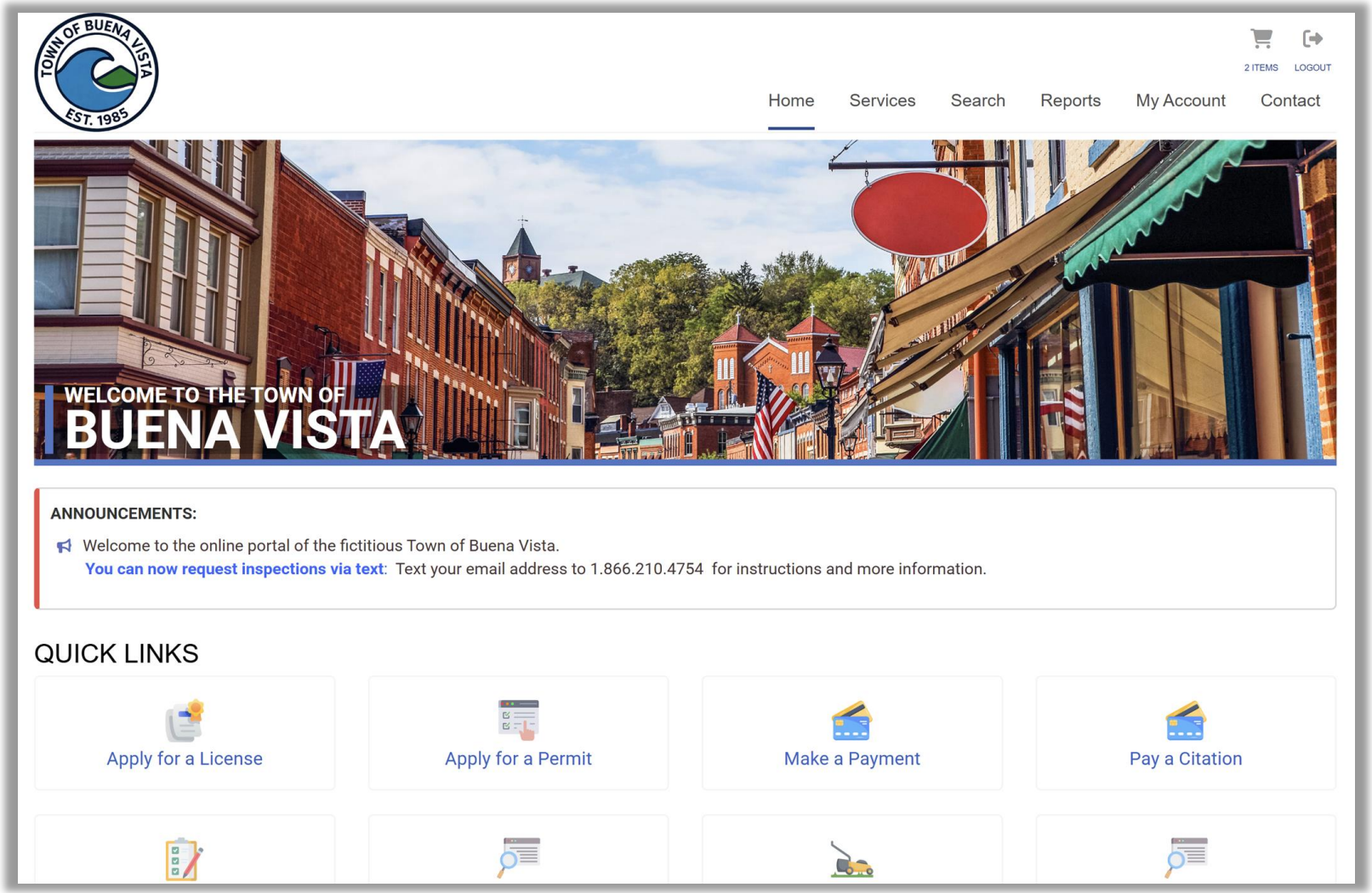


Improvements in response time

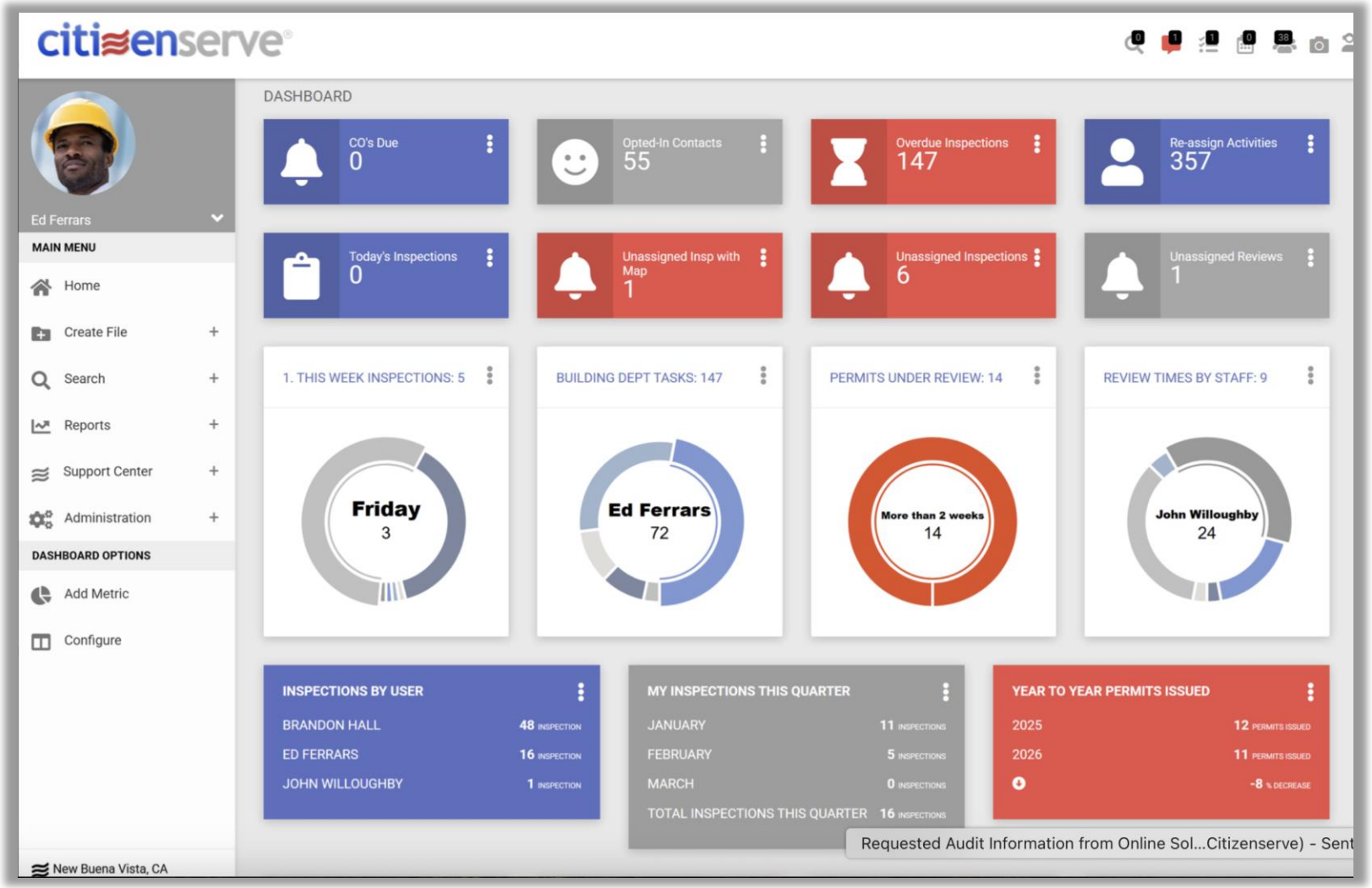


More efficient data reporting and customized metrics

citizenserve | Customer Portal



citizenserve | Staff Dashboards



citizenserve | Pricing Starting Year 3

Number of Users	Cost Per User Per Year
1-4	$3,300
5	$2,700
6-10	$2,400
11-24	$2,100
25-49	$1,800
50+	$1,500

* Annual subscription price increases will be capped at CPI increases in the previous 12 months

Application Details: PON 5862

- **First-come, First-Serve** until funding is exhausted, anticipated two years
- **Online application preferred, by mail if required**
- **PON Attachment B shows all the documents that are part of the application, please review before completing online Application.**
- **Program Implementation Manual includes more detail and description of PON attachments**
- **NYSERDA Program Manager: Elizabeth Staubach**
  Email: Elizabeth.codes@nyserda.ny.gov

Questions?

Elizabeth.codes@nyserda.ny.gov

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Program and Policy Updates Polls

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Multifamily No Heat Electrification Working Group



Jackie Albanese, Contractor

October 8, 2026

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New York State Energy Research and Development Authority

BACKGROUND

NYSERDA is studying the potential for multifamily buildings to convert to heat pumps during a project triggered by the failure of the building's existing heating system.

We are forming a Working Group to guide and inform this research.



For this Working Group,

- “Multifamily" refers to buildings with a centralized heating system serving multiple units, typically buildings of roughly 10 or more units.
- "Emergency no heat" projects are those in which this type of system fails during heating season and requires replacement.
- The focus is on owners who have not undertaken advanced capital planning for heating system replacement.
- The geographic scope is statewide.

Who should join the Working Group?

Anyone with direct experience in electrification retrofits of complex multifamily buildings, such as :

- Design engineers
- Heating contractors
- Manufacturers
- Affordable housing experts



What's involved?

- A Working Group timeline of one year, from October 2026 through September 2027.
- To meet every other month, for 1-2 hours.
- Meetings will be virtual, apart from the annual in-person RMAG meetings.
- To take on light work between meetings, typically reviewing draft research deliverables.

Why participate?

- Help shape future initiatives to support electrification of multifamily buildings in NYS
- Increase your visibility among peers and NYSERDA staff
- Build network of people doing similar work in this niche market

How do I join?

If you are interested in joining and have more questions, please reach out to:

Jackie Albanese at Jackie.albanese@nyserda.ny.gov

or

Zach Zill at Zachary.zill@nyserda.ny.gov





NYSERDA Residential Market Advisory Group
Geothermal Target Areas Working Group

Final Report Presentation

10/08/2026 from 10:00 a.m. – 12:00 p.m. ET

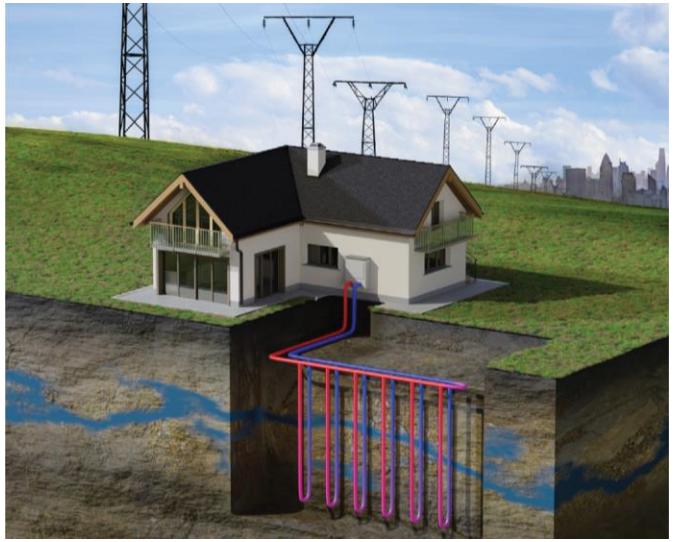
NEW YORK STATE | NYSERDA

Presentation Agenda

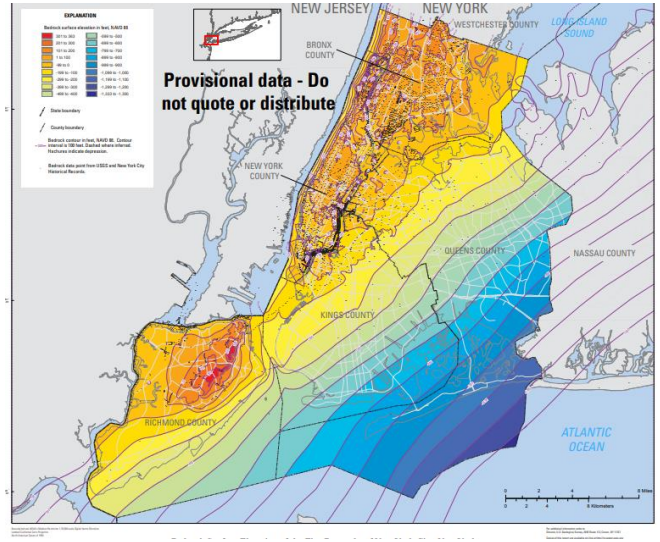
Time	Topic
10 minutes	Review of the Final Report
10 minutes	Questions and Initial Reactions / Feedback

The Geothermal Target Areas Working Group was convened by NYSERDA in collaboration with NY-GEO to advance shared understanding of the challenges and opportunities for GSHP market development regionally across New York State.

Is the market valuing geothermal tech accurately?



Are there regional challenges for GSHPs not broadly shared?



What is being done, or can be done, to develop the market?

TRAIN THE TRAINER



The working group delivered a Final Report that details outcomes of the facilitated process. The Report identifies the types of challenges that exist in regional ground source heat pump market development and proposes how we can address those challenges.

- Defines Geothermal Target Areas
- Proposes a way to identify Geothermal Target Areas
- Identifies strategies to help address market challenges
- Aggregates resources and provides examples of how strategies can be implemented

The purpose of this Final Report is to provide New York State with best available resources to support regional interventions that will enhance the quality and quantity of ground source heat pump installations.

The working group identified regional headwinds and tailwinds for ground source heat pump market development.

The Final Report categorizes these risks, identifying what we must do to address the risk, and what resources we already have on the subject.

Category	Core Considerations	If Unfavorable	If Favorable
Structural Alignment	Do laws and money align?	Projects stall	Market accelerates
Execution Capacity	Can the market deliver?	Adoption plateaus	Install volume scales
Information Infrastructure	Is deployment predictable?	Investment hesitates	Targeting improves

The report also includes some 'thresholds' aka when we know a factor goes from favorable to unfavorable.

The working group identified the key factors influencing GSHP market development and pointed us to the best available resources. Both are aggregated in the report as appendices.

Appendix: Key Factors

Key Factors	Description	Gaps
Municipal Permitting Inconsistency	Reclassification ground loop/bore field work to building permits increases cost and delay.	Lack of aggregated cost impact data.
Property Tax Treatment	Section 487 offers 15-year exemption, but municipalities may opt out.	Unknown where exemptions are waived statewide.
Energy Planning Inclusion	Draft NYS Energy Plan has limited geothermal reference.	Risk of long-term exclusion from incentives.
Contractor & Driller Capacity	High overhead and low margins constrain residential drilling.	No dataset tracking annual capacity or abandonment rates.
Financing Alignment	Full project costs exceed $60–65k; financing must bundle envelope & distribution.	No modeling on multi-year tax credit capture or underwriting effects.
Property Tax Treatment	Section 487 offers 15-year exemption, but municipalities may opt out.	Unknown where exemptions are waived statewide.

Appendix: Resource Matrix

Funding and Financing					
Focus Area	Type	Item	Author	Link	Context and Key Takeaways
Incentives and Financing – Solutions/Interventions	Proposed state legislation	New York State Senate Bill S734	New York State Senate	Senate Bill S734	•Creates a new state-backed loan pathway (revolving loan program/fund) that geothermal developers can try to qualify for, depending on how "eligible zero-emission energy generation projects" is implemented.
Commercial Financing Solutions	Public-backed financing product	C-PACE	Energy Improvement Corporation of New York (EIC NY)	Municipalities in New York State with an OPEN C-PACE Program	•List of municipalities within which OPEN C-PACE financing is available. •Municipalities must pass legislation to make it available as it has a property tax implication.
Tax Liability and Credit Utilization	State tax credit statute	New York State geothermal tax credits	New York State Senate	New York Geothermal Tax Credit statute (A3009C)	•Beginning in 2026, refundability of the geothermal credit improves equity and access by allowing households without tax liability to receive the full $10,000 benefit.

We have tried to specify how resources can be best put to use and separated them based on if they're relevant to physical characteristics, policy and regulatory, funding and financing, socio-economic factors, and driller capacity and availability.

EXAMPLE INTERVENTION PLAN: REGIONAL TRAIN THE TRAINER PROGRAMS

- **Issue Area:** Permitting treatments for GSHPs vary across local governments, impacting cost and ultimately project feasibility.
- **Proposed Intervention**: A regional “train-the-trainer” program aimed at educating Authority Having Jurisdictions—including municipal code officials, permitting staff, and local inspectors—on sizing standards, permitting classifications, and best practices.
- **Proposed Collaborators**: NYSERDA, NY GEO, Market Actors (Contractors, Utilities, Drillers, Designers)
- **Desired Outcomes**: Through this process, regions can deliver:
  - Increased permitting consistency across participating municipalities
  - Reduced project review timelines and soft costs
  - Improved AHJ confidence in reviewing geothermal applications
  - Stronger alignment between municipal practices and state program goals
  - Enhanced scalability of residential geothermal deployment in targeted regions

Discussion Questions

- Across the following themes, where are the most pressing challenges for geothermal heat pump market development? Why?
  - Funding & Financing
  - Contractor & Driller Capacity
  - Physical Characteristics
  - Policy & Regulatory Considerations
  - Socio-Economic Factors
  - Data Needs and Sources

- If NY-GEO and New York State were to launch one collaborative activity to help address market development barriers for geothermal heat pumps, what should it be and why?

- If you are interested in receiving a review copy of the report to provide input, please email **Trevor Reddick** (treddick@kearnswest.com)
- Consider joining the next Residential Market Advisory Group meeting where we will review the report in detail. Our next meeting will be in early December, with more information on our webpage.

Our inboxes and phones are always open to you! We look forward to continuing the collaboration.

NYSERDA Residential Market Advisory Group Webpage

Click “Join our email list” to get updates!

POLLING SLIDE

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