

Overview of Utility Residential Energy Storage Demand Response Programs and NYSERDA Program Requirements

NYSERDA's Energy Storage Team

January 22, 2026



NYSERDA

Meeting Procedures

Before beginning, a few reminders to ensure a smooth discussion:

- > Today's webinar **is being recorded**
 - A copy of the recording and presentation slides will be available on NYSERDA's Energy Storage page in the "Webinar Presentations" section.
- > Attendees will be muted upon entry

Questions:

- > Questions may be submitted in writing through the Q&A feature. Questions will be answered at the end of the presentation.
- > If the Q&A panel doesn't automatically pop up towards the right of your screen, click the "Apps" button at the bottom right of your screen and select "Slido".

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Agenda

- **Overview and NYSERDA Requirements** – Luke Forster / Jasmine Lim, NYSERDA
- **Utility Overview of Programs**
 - Michael Smith, National Grid
 - Andrew Leja & Emily McKee, NYSEG/RG&E
 - Desmond Ofori, Orange & Rockland
- **Timeline and Next Steps**
- **Q&A**

Overview

- In addition to providing customers with backup power, storage can provide grid benefits, by shifting household demand to off-peak times. This behavior reduces network peaks and creates savings to all ratepayers
- A variety of utility demand response programs are emerging globally to provide price signals for energy storage customers to use their batteries to provide grid benefits
- The New York Public Service Commission has required the utilities to launch Direct Load Control (“Bring Your Own Battery”) programs, for which residential energy storage would be eligible
- Moving forward, as directed by the PSC in the 2024 Energy Storage Order, NYSERDA will require customer participation in a BYOB program to receive the Residential Storage Incentive

Overview – Utility Demand Response Programs

Utility	Program Status
Central Hudson	Launching later in 2026, not presenting today
Con Edison	Launching later in 2026, not presenting today
National Grid	Recently launched, presenting today
NYSEG & RG&E	Recently launched, presenting today
Orange & Rockland	Launching shortly, presenting today
PSEG Long Island	Opened in 2019

How the Programs Work

- The utility BYOB programs provide an incentive to customers for discharging their battery to the grid during utility call events. Payments are made annually based on the average kW of discharge over all of the year's call events
- Current price signal is \$50 per kW annually
- Potential earnings:
 - One 13.5kWh battery, discharging 80% of its capacity over a 3-hour call event
 - $13.5\text{kWh} \times 80\% \div 3 \text{ hours} = 3.6\text{kW}$
 - $3.6\text{kW} \times \$50/\text{kW} = \sim\180 per year

NYSERDA Residential Energy Storage Incentive Program Requirements

- In accordance with the 2024 Energy Storage Order, the current version of NYSERDA's Residential-Retail Energy Storage Program Manual specifies residential projects must *“enroll in a qualifying utility Dynamic Load Management (DLM) program or alternative aggregation program as listed by NYSERDA in this Program Manual.... unless such a program is not available.”*
- Utility BYOB programs are now coming online, so NYSERDA will be implementing this requirement for new residential storage incentive applications:
 - National Grid, NYSEG, and RG&E: required for projects applying to NYSERDA on or after **March 1, 2026**
 - Orange & Rockland, ConEd, Central Hudson: date TBD based on individual BYOB program launch dates; contractors will be given at least **3 weeks** advance notice via email notification

NYSERDA Requirements: National Grid, NYSEG, RGE

- Contractors should ensure OEMs they use in their projects are onboarded to BYOB programs **as soon as possible**
 - OEMs currently supported in each BYOB program are listed on a later slide
- For projects submitting incentive applications on or after **March 1**:
 - Projects with onboarded OEMs will receive NYSERDA incentive only if customer is enrolled in BYOB
 - Projects with non-onboarded OEMs will continue receiving NYSERDA incentives until June 1 (“grace period” as new OEMs onboard)
- For projects submitting applications after **June 1**: projects will only receive NYSERDA incentives if OEM has completed onboarding and customer BYOB enrollment is verified

NYSERDA Requirements: Orange & Rockland, Con Edison, Central Hudson

- ORU, Con Edison and Central Hudson have not yet launched their BYOB programs
- Following BYOB program launch in these territories, NYSERDA will implement the BYOB enrollment requirement for the residential storage incentive program in the same manner as specified for NYSEG/RGE/National Grid
 - For these programs, contractors will be notified via the Energy Storage mailing list as to the go-live date for BYOB enrollment for new incentive applications, with a minimum of 3 weeks advance notice
 - OEM onboarding deadlines will also be specified for these programs via the same notification
- Following the OEM onboarding deadline, projects will only receive NYSERDA incentives if OEM has completed onboarding and customer BYOB enrollment is verified

NYSERDA Requirements: Enrollment Verification

- When BYOB enrollment is required for the NYSERDA incentive, NYSERDA will confirm enrollment when the project receives Permission to Operate and submits its invoice to NYSERDA through Salesforce.
- NYSERDA will confirm project enrollment by validating project customers against enrollment lists maintained by the utilities.



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 Orange & Rockland
Rockland Electric Company



Bring Your Own Battery Program Overview

January 22, 2026



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“Bring Your Own Battery” Program

Target Customers:

- Residential and Small Commercial Customers
 - Served at Primary and Secondary distribution voltage
 - Hourly interval metering not required

Program Structure:

- "Bring Your Own Battery" model
 - For customers who have already installed or seek to install an energy storage system (ESS)
 - No upfront incentive, annual performance incentive only

Performance Measurement:

- ESS telemetry provides power output of the system, which can be used to measure system performance
 - Customer performance will be measured based on ESS output during event hours as compared to their baseline system output during the same event window on non-event days
 - All ESS output (including net export) credited in the performance calculation
- Event Performance will be the average of hourly performance for the event
 - Ex: If a customer's battery discharges 3kW in hour 1, 2kW in hour 2 and 4kW in hour 3, their event performance is $(3+2+4)/3 = 3\text{kW}$

“Bring Your Own Battery” Program

Benefits of this model for residential/small commercial customers:

- Removes Barriers to Participation
 - No interval metering required
 - Customer action not required
 - OEM leverages API to allow ESS to participate in events
- BYO Model Leverages OEM Relationship
 - Key driver for BYOT Success
 - Flexibility for customer to be engaged directly at time of purchase or later via OEM and utility engagement campaign

Utility-Specific Program Design

Program Design	National Grid	NYSEG/RG&E	O&R
Event duration	3-4 hours	Up to 4 hours	3-4 hours
Availability Window	2-10pm	12-7pm	12pm-11pm
Number of Events	10-20 on average. Up to 60 allowed.	Up to 20	Up to 15
Event Season	May 1 - Sept 30	May 1st - Sept 30th	May 1st - Sept 30th
Eligibility	Same as existing DLC	Same as existing DLC	Same as Existing DLC
NEM/VDER Eligible?	Yes	Yes	Yes
Source of performance data (Interval/Battery Device Data)	Battery Device Data	Battery Device Data	Battery Device Data
Export allowed/credited?	Yes	Yes	Yes
Performance Incentive	\$50/kW-yr	\$50/kW-yr	\$50/kW-yr
Payment Recipient (Customer Only, Customer and/or authorized 3rd party)	Customer and/or authorized 3rd party	Customer	Customer and/or authorized 3rd party

National Grid

Current participating OEMs

- Tesla -> in-app enrollment
- Enphase -> in-app enrollment
- SolarEdge -> SolarEdge Enrollment Portal
- Canadian Solar, Fortress Power, FranklinWH, Qcells, SolArk in progress for Summer 2026

Program Webpage:

<https://www.nationalgridus.com/Upstate-NY-Home/ConnectedSolutions/BatteryProgram>

Program Manual:

https://www.nationalgridus.com/media/pdfs/resi-ways-to-save/connectedsolutions/byob_program_guidelines_-_2025.pdf

FAQ Page: [National Grid ConnectedSolutions](#)

NYSEG and RG&E

Current participating OEMs and enrollment process

- Tesla -> in-app enrollment
- Enphase -> in-app enrollment
- SolarEdge -> utilize Uplight FlexSaver portal

Link to FAQ

- [NYSEG FAQ](#)
- [RG&E FAQ](#)

Program Webpage for NYSEG and RG&E: [NYSEG and RG&E Energy Storage Solutions Program - NYSEG](#)



Participating OEMs After Program Launch

- Tesla
- Enphase
- SolarEdge
- FranklinWH
- Sunrun

Anticipated OEMs After 6 Months of Program Launch

- Generac
- Sol-ark
- Qcells



Timeline and Next Steps

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- Late January 2026 – webinar slides and recordings posted to [NYSERDA website](#)
- Feb 15, 2026 – Tentative go-live date for Orange & Rockland BYOB program. Approximately 3 weeks later, NYSERDA will implement BYOB participation requirement for new project applications in ORU
- March 1, 2026 – New project applications submitted to the NYSERDA Residential Storage Incentive must participate in BYOB program for National Grid, NYSEG, and RG&E territories
- June 1, 2026 – OEM onboarding deadline for National Grid, NYSEG and RGE
- Later 2026 – Con Edison and Central Hudson BYOB programs expected to launch

Links and Resources

- [NYSERDA Residential Storage Incentive Program](#), including Program Manual and program requirements
- [National Grid BYOB webpage](#), including customer registration
- [NYSEG BYOB webpage](#), including customer registration
- [RG&E BYOB webpage](#), including customer registration
- Orange and Rockland BYOB webpage, forthcoming

Question and Answer Session

