CONNECTICUT GREEN BANK SM

EVERSOURCE ENERGY

UI
An AVANGRID Company

Energy Storage Solutions

For Commercial, Industrial, and Multifamily Building Owners

May 6, 2025

Agenda

1. About the Connecticut Green Bank
2. Program Background
3. Program Design
4. Incentives
5. Get Started
6. Questions & Discussion

Mission & Vision

Connecticut Green Bank is the nation's first state level green bank. Established in 2011 as a quasi-public agency, the Green Bank uses limited public dollars to attract private capital investment and offers green solutions that help people, businesses and all of Connecticut thrive.

Our mission is to confront climate change by increasing and accelerating investment into Connecticut's green economy to create more resilient, healthier, and equitable communities.

PLANET PROTECTED
BY THE LOVE OF HUMANITY

Our vision

Our Goals

CONNECTICUT GREEN BANK®

Leverage limited public resources to scale-up and mobilize private capital investment in the green economy of Connecticut.

Pursue investment strategies that advance market transformation in green investing while supporting the organization's financial sustainability goals.

Strengthen Connecticut's communities, especially vulnerable communities, by making the benefits of the green economy inclusive and accessible to all individuals, families, and businesses.

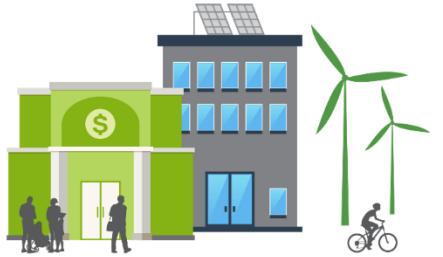
Our Solutions

The Green Bank is helping Connecticut flourish by offering green solutions for homes and buildings, and by creating innovative ways to invest in the green economy.

CONNECTICUT GREEN BANK
HOME SOLUTIONS

CONNECTICUT GREEN BANK
BUILDING SOLUTIONS

CONNECTICUT GREEN BANK
INVESTMENT SOLUTIONS



CONNECTICUT GREEN BANK
COMMUNITY SOLUTIONS

CONNECTICUT GREEN BANK
CONTRACTOR SOLUTIONS

energy storage SOLUTIONS

Program Background

Why Energy Storage for Connecticut?

Smooth out peak demand on the grid

Provide backup power when needed

Bring down energy costs for **all ratepayers**

Be resilient while addressing climate change

Program History

- PA. 21-53 established statewide goal of 1,000 MW of battery storage by 2030
- Docket 17-12-03RE03 created a 9-year incentive program – **Goal of 580 MW** behind-the-meter storage for **residential (150 MW)** and **non-residential (430 MW)** customers
- Program goal of 40% of benefits reaching Underserved customers – primarily through residential low-income, **multifamily affordable housing** or distressed municipality
- Program is overseen by PURA and administered by Connecticut Green Bank, Eversource, and UI

Why Energy Storage for your building?

Reduce your monthly peak demand

Keep operations running during an outage

Reduce peak demand in CT

Why Energy Storage for your building?

Reduce your monthly peak demand

Use a battery to charge during off-peak times and discharge during peak operations, **avoiding high demand charges** for power consumption

Why Energy Storage for your building?

Keep operations running during an outage

Keep business running during an outage, giving retailers an advantage during critical times

Or, just keep **critical lighting and machinery** running to get staff out safely

Avoid power interruptions that can cause costly manufacturing errors or data loss

Why Energy Storage for your building?

Reduce peak demand in CT

Reduce your carbon emissions, paired with or without solar panels

Earn incentives to make Connecticut's grid cleaner and cheaper

Projects Summary

71 Projects

12 Developers

150.7 MW / **386.5** MWh

$261.6 M Total Investment

$46.9 M Approved Upfront Incentives

2.1 MW / **5.4** MWh Average System Size

$3.6 M Average Total Cost

$661,500 Average Upfront Incentive

Warehouses	Multifamily Housing
Agriculture	Schools / Universities
Manufacturing	Retail
Municipal	Food Production

Program Design

Program Design

Residential Customer Classes: Standard, Underserved, and Low-Income Households

Commercial & Industrial Customer Classes: Small, Medium, Large

Note: Multifamily Affordable Housing will receive Low-Income Residential rates and uses Residential tranche capacity

Customer Class	Tranche 1	Tranche 2	Tranche 3	Tranche 4	TOTAL
Residential	**50 MW**	50 MW	50 MW	0 MW+	150 MW
Commercial and Industrial	~~50 MW~~	~~113.9 MW~~	**126.1 MW**	140 MW+	430 MW
Total	**100 MW**	**163.9 MW**	**176.1 MW**	**100 MW+**	**580 MW**

Program Design

Customers can receive two types of incentives through Energy Storage Solutions:

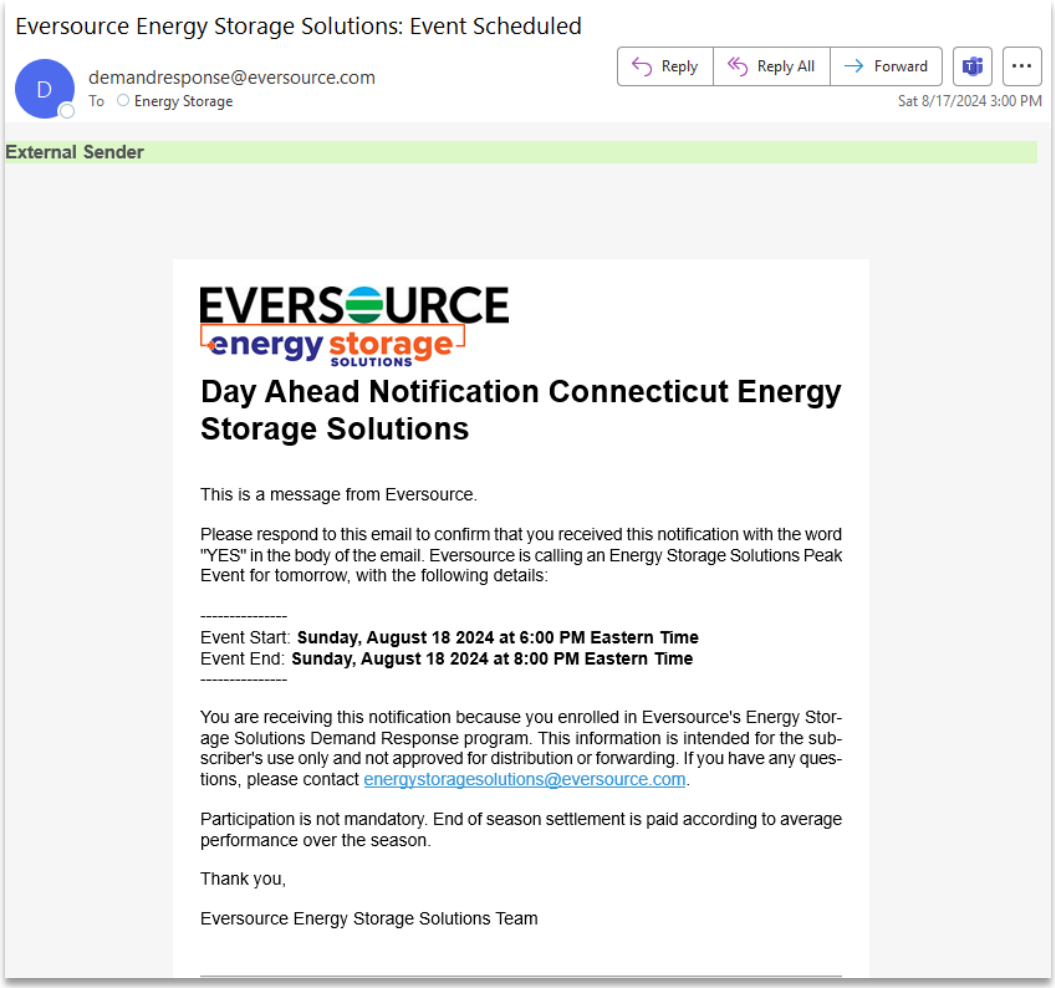
		Summer	Winter
Upfront Incentive (Passive Dispatch)	Events per Season	All non-holiday weekdays	N/A
	Months	June, July & August	N/A
	Event Duration	3 Hours	N/A
	Anticipated Dispatch Window	5 PM to 8 PM	N/A
Performance-Based Incentive (Active Dispatch)	Events per Season	30 to 60	1 to 5
	Months	June through September	November through March
	Event Duration	1 - 3 hours	1 - 3 hours
	Anticipated Dispatch Window	Noon to 9 PM (All Days)	Noon to 9 PM (All Days)

Passive Dispatch

- If you receive an Upfront Incentive (most customers do), your battery will be pre-programmed to discharge its energy on **weekdays** in **June, July, and August** (except for Juneteenth and the Fourth of July)
- "Set it and forget it" ensures batteries will help offset peak demand without additional input.

Active Dispatch

- If the utility predicts the peak will occur at a different time – **any time** in **June, July, August, or September,** your battery will switch to dispatch during that time frame and **earn an additional performance incentive**.
- Active Events are called 24 hours in advance and override Passive Events
- Customers are notified by email
- Active Events are optional – you can opt-out using your battery's app or website



Eversource Energy Storage Solutions: Event Scheduled

demandresponse@eversource.com
To Energy Storage

Reply | Reply All | Forward

Sat 8/17/2024 3:00 PM

External Sender

EVERSOURCE energy storage SOLUTIONS

Day Ahead Notification Connecticut Energy Storage Solutions

This is a message from Eversource.

Please respond to this email to confirm that you received this notification with the word "YES" in the body of the email. Eversource is calling an Energy Storage Solutions Peak Event for tomorrow, with the following details:

Event Start: **Sunday, August 18 2024 at 6:00 PM Eastern Time**
Event End: **Sunday, August 18 2024 at 8:00 PM Eastern Time**

You are receiving this notification because you enrolled in Eversource's Energy Storage Solutions Demand Response program. This information is intended for the subscriber's use only and not approved for distribution or forwarding. If you have any questions, please contact energystoragesolutions@eversource.com.

Participation is not mandatory. End of season settlement is paid according to average performance over the season.

Thank you,

Eversource Energy Storage Solutions Team

What about Outages?

- Many battery systems and operators have software that prevents discharge when major weather events are predicted by NWS.
- The utility will cancel any planned events
- No dispatch in April, May, or October
- Typically 2-3 events called between November to March

Incentives

Commercial Incentives

Upfront Incentive Levels

Customer Class	Small C&I	Medium C&I	Large C&I
Peak Demand	*<200 kW*	*200-500 kW*	*>500 kW*
Tranche 3 Step 1 (0-50 MW)	$182 / kWh	$159.25 / kWh	$91 / kWh
Priority Customer	$227.50 / kWh	$199 / kWh	$113.75 / kWh

Performance Incentive Levels

Summer Years 1-5	Winter Years 1-5	Summer Years 6-10	Winter Years 6-10
$200/kW	$25/kW	$115/kW	$15/kW

**Upfront Incentive capped at calculated incentive or 50% of total cost*

Small C&I Example

System size:	**100 kW / 320 kWh**
Cost before incentives:	**$384,000**
Upfront Rebate:	**($72,800)**
30% Federal Tax Credit*:	**($93,360)**
10 Years of Performance Incentives:	**($124,026)** (estimated)

Net Cost of Backup Power before Demand Savings: $94,614

*See tax professional for more information. ITC adders may apply for multifamily or non-residential projects.

MFAH Example

System size:	**1 MW/ 3 MWh**
Number of Units	**100**
Cost before incentives:	**$3,000,000**
Upfront Rebate:	(**$1,500,000**)
30% Federal Tax Credit*:	(**$450,000**)
10 Years of Performance Incentives:	(**$1,162,744**) (estimated)

Net Benefit of Backup Power: $112,744+

*See tax professional for more information. ITC adders may apply for multifamily or non-residential projects.

Get Started

Get Started

1. **Visit www.energystorageCT.com**
2. **Find a Contractor**
3. **Design a system + incentive package that works for your building**

Questions? Reach out to us at energystorage@ctgreenbank.com

Thank you for attending!

CONNECTICUT GREEN BANK®