



Energy Storage Solutions January 2026 Contractor Training

January 28, 2026

Agenda

- Quick Update
- Program Design
- Program Website
- Incentive Estimate Calculator
- Salesforce Enrollment Platform
- Cobranding & Networking
- Questions & Discussion



“Construct 5” Program Design

(to launch April 1st, 2026)



Prepare for “Construct 5”

- Informational Webinar, “*Energy Storage Solutions 2026 Program Changes*” – [slides & recording available HERE!](#)
- Plan to attend March and/or April trainings sessions – solely focused on the new design – [Register HERE!](#)

What is “Construct 5”?



- Name is a temporary designation, derived from the various options for redesigning Energy Storage Solutions in Docket 25-08-05 Decision
- **Performance-based** like other nationwide VPP programs
- No Passive Dispatch for new customers
- Maintains an **Enrollment Incentive** for Residential and Priority Commercial customers – no claw back
- No Tranches or Steps – all remaining capacity will be reassigned on April 1
- Will maintain the **same benefits and improve resilience** while **de-risking ratepayer funds**

Enrollment Incentives

- **Same look and feel** of the Upfront Incentive – upfront discount, same application and payment process, different values
- Contractor must apply on homeowner's behalf **within 6 months of interconnection approval** (or 1 year of contractor becoming eligible)
- New name to differentiate from Passive Dispatch Upfront Incentive
- Available to **all Residential** (including Multifamily Affordable Housing*) and **Priority Commercial** customers

*Defined in ESS Program Manual and RRES Program Manual

Enrollment Incentive Rates

Customer Category	Enrollment Incentive Rate*
Residential (Non-Grid Edge)	\$30/kWh
Residential (Grid Edge)	\$130/kWh
Commercial (Non-Priority)	N/A
Commercial (Priority)	\$10/kWh
*Enrollment incentives are defined based on rated energy capacity (kWh)	

Performance Incentives

Same structure, different rates for New Customers starting 4/1/26:

Customer Class	Years 1 – 5	Years 6 – 10
Small or Medium C&I	\$325/kW	\$175/kW
Large C&I	\$275/kW	\$175/kW
Standard Residential	\$300/kW	
Underserved Residential*	\$450/kW	
Low-Income Residential*	\$550/kW	
*Applies based on Customer Class at the time of application. Performance incentives are based on average kW-AC contribution during the season, determined by actual system performance during events as indicated by inverter data, not nameplate capacity.		

Rollout Timeline

- **Now:** new Resi + C&I sell sheets available (cobranded versions available)
- **Late January:** 2026 Program Manual to be published
- **February:** think about whether you want sell the current design or Construct 5 incentives
- **March:** Green Bank modifying application forms in Salesforce.
- **March 31:** last day to submit a new application for current incentive design
- **April 1:** all projects submitted will be considered Construct 5 (regardless of incentive noted in contract)

Current Program Design: Passive + Active

(not available after March 31st, 2026)



Energy Storage Solutions



- 9-year declining incentives – Goal of 580 MW behind-the-meter storage for residential and non-residential end-use customers
- Program is overseen by PURA, paid for by electric ratepayers, and administered by Connecticut Green Bank, Eversource and United Illuminating (UI)
- Track current capacity and other metrics for the program on the [Reporting page](#)

New Program MW Allocation					
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	140 MW	580 MW

Program Design

- **Residential customer classes:** Standard, Underserved, and Low-Income Households
- **Commercial/industrial customer classes:** Small, Medium, Large (based on annual peak demand)
- Systems may receive two (2) types of incentives through this program:

Program Element	Design Item	Summer	Winter
Upfront Incentive (Passive Dispatch)	Events per Season	All non-holiday weekdays (~60)	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)

Residential Incentive Levels



Upfront Incentive Levels (Tranche 1)*

Capacity Block (MW)	Standard	Underserved	Low-Income
10	\$250/kWh	\$450/kWh	\$600/kWh
15 (~11.3 MW remaining)	\$212.5/kWh	\$450/kWh	\$600/kWh
25	\$162.5/kWh	\$450/kWh	\$600/kWh
Grid-Edge Adder	+50%	+50%	+50%

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

**Residential Upfront Incentive capped at calculated incentive, \$16,000 per residential unit or 50% of total cost (whichever is less)*

- ****Standalone BESS**** - If enrolling a standalone system, there may be additional electric costs incurred as it will always charge from the grid at retail and any excess exported energy is not compensated through a tariff as it may when paired with solar
- **Contract Requirements:** [view checklist here](#)
- **New documents to utilize:**
 - [Self-Inspection Checklist](#) (to submit with Completion Application)
 - **UI residential customer enrollments:** [Residential Data Release and Terms and Conditions](#) (as of 5/6/25)
- **Operational Agreement** and **Electric Utility Bill** are no longer required for submission. If still required in the portal, you may submit a duplicate or blank doc. We will be removing from the required document list in future updates.
- **Tesla Powerwall 3** is now eligible for Passive dispatch enrollment to receive an upfront incentive **for both Eversource and UI territory.** [Review Tesla limitations for Passive](#)

Commercial Incentive Levels



Upfront Incentive Levels

Customer Class	Small C&I	Medium C&I	Large C&I
<i>Annual Peak Demand</i>	<i><200 kW</i>	<i>200-500 kW</i>	<i>>500 kW</i>
Tranche 3 Step 1 (~16.9 MW remaining)	\$182/kWh	\$159.25/kWh	\$91.00/kWh
Priority Customer Adder	+25%	+25%	+25%

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*

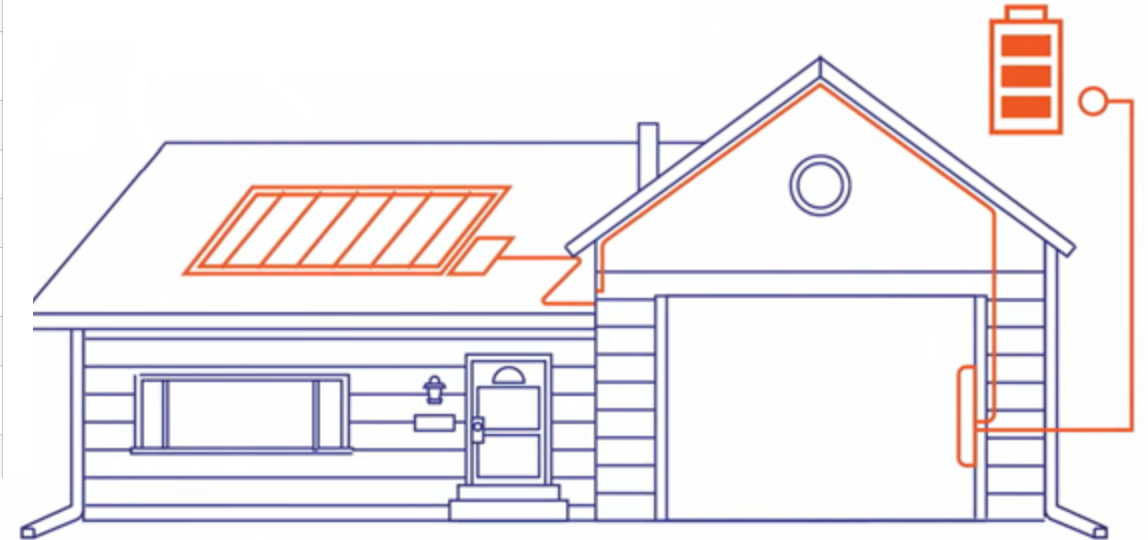
- **You may verify Grid Edge locations** (if mapping is unclear and you want to ensure it qualifies) by emailing energystoragesolutions@ui.net and energystoragesolutions@eversource.com.
- **Always remember to check the Contractor Resources page of Program's website for updated materials and information!**
 - Check out our new [Resource Library](#) to sort, search, and find the resources you're looking for!
- **Multi-Family Affordable Housing projects** – owner to share resiliency benefits equitably with tenants. Treated as residential low-income customer. Email energystorage@ctgreenbank.com with any specific MFAH project questions before submitting.

- **Energy Storage Solutions 2026 Program Changes Webinar**
 - Virtual session held Jan. 21st at 12 pm EST
 - Watch Recording & View Slides [HERE](#)
 - Overview of program changes from Annual Review and upcoming changes for “Construct 5” design going into effect April 1st, 2026
- **Energy Storage Solutions Passive Dispatch Webinar**
 - Virtual session held **Wednesday, Feb. 5 at 12 pm EST**
 - [Watch recording here](#) & [View Slides here](#)
 - In-Depth Overview of:
 - Recent changes to Passive Dispatch
 - Revised Passive Dispatch schedule
 - How compliance will be measured, including incentive claw back
 - Questions and Discussion

Approved Technology

Residential/Small Business:

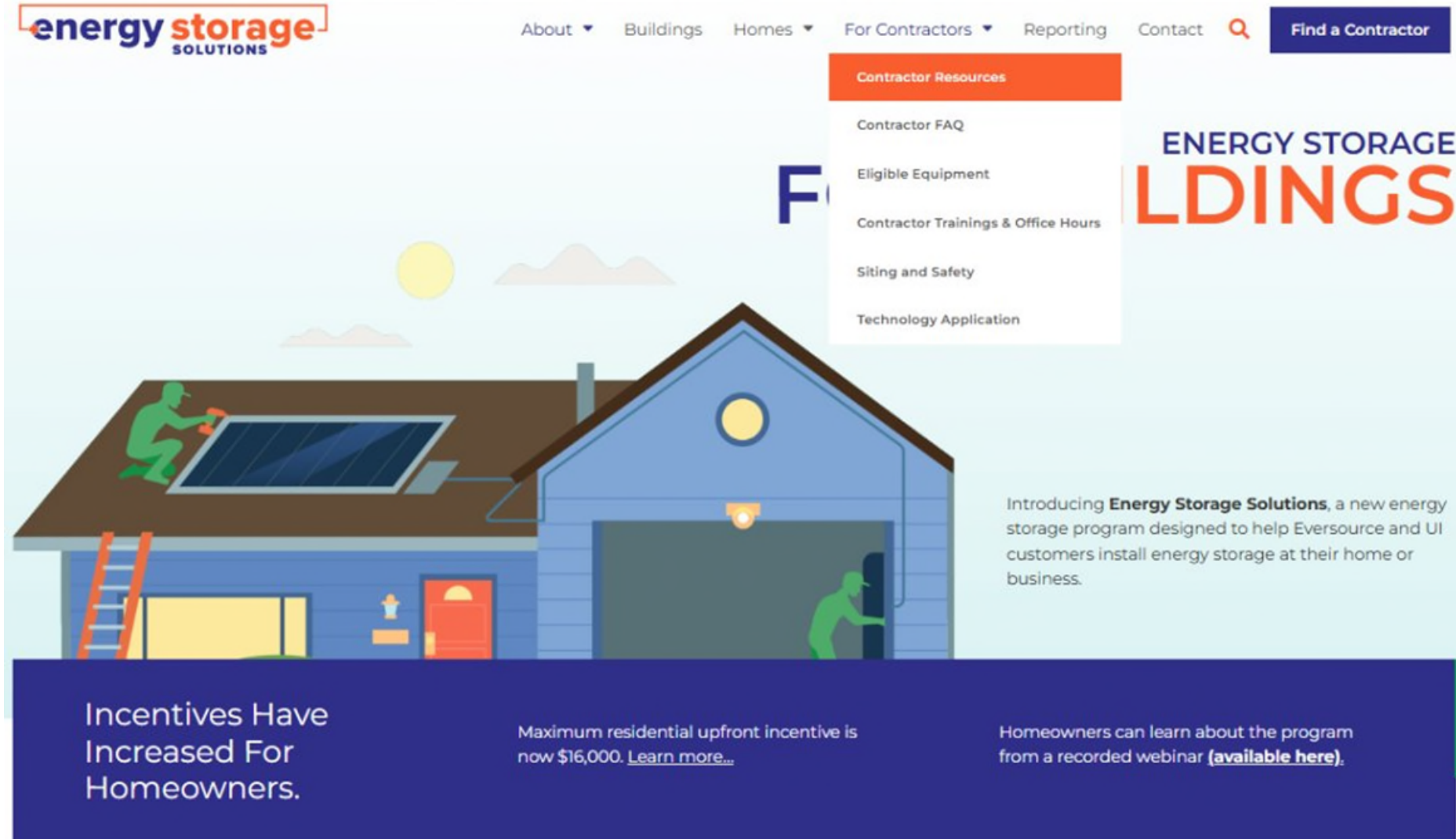
Manufacturer	Energy Storage System Model
Briggs & Stratton	SPHI-B-6.6-L0 (6.65 kWh), SPHI-B-13.2-L0 (13.3 kWh), SPHI-B-19.8-L0 (19.95 kWh) batteries with select EG-4, Sol-Ark, and Solis inverters
Cadenza Innovation	CI48400-I-2P, CI48500-I-2P, CI48600-I-2P, CI48700-I-2P, CI48800-I-2P, CI481600-O-2P, CI481600-O-3P
Canadian Solar	EP Cube (9.9, 13.3, 16.6, 19.9 kWh)
Duracell Power Center	DURA 5 (5.12 kWh) Stackable Batteries with Max Hybrid 15 (12 kW) Inverter
Dyness	Tower T7 (7.1 kWh), Tower T10 (10.65 kWh), Tower T14 (14.2 kWh), Tower T17 (17.75 kWh), and Tower T21 (21.3 kWh) batteries with select Solis inverters
Eguana Technologies	Evolve LFP (14.2 kWh)
EG4 Electronics	FlexBOSS18 (13 kW), FlexBOSS21 (16 kW) inverter with WallMount 280 Ah Indoor (14.3 kWh), WallMount 280 Ah All Weather (14.3 kWh), and select Briggs & Stratton batteries
EndurEnergy Systems	ESP-5100 (5.12 kWh) batteries with select Sol-Ark inverters



View the FULL Eligible Equipment List
Many recent additions

New Technology
Application

Website Walkthrough



Incentive Reservations & Estimates



Incentive Calculator

New version posted to Contractor Resources page!

- More user friendly
- Guidance Warnings for system sizing
- Future incentive steps included for C&I



Residential Incentive Estimate Calculator

INSTRUCTIONS: Complete the orange shaded fields 1-7. Optionally, edit the values in fields 8-11.

Residential Battery System – 10 kW / 15 kWh			
Battery System Inputs			Notes
1	10	kW (Total BESS Nameplate Continuous Power)	
2	15	kWh (Total BESS Nameplate Energy Capacity)	
3	\$ 18,000	Total BESS Cost (Not including solar PV)	
4	Tranche 1 Step 2		
Priority Customer Adder			
5	N/A	Underserved Community?	
6	No	Low Income?	Low Income adder is not stackable with Underserved Community adder.
7	No	Grid-Edge?	Grid-Edge adder can apply to any type of customer.
Compliance Check			
OK		Passive Compliance Check	System design meets minimum threshold for Passive Dispatch.
Active Dispatch Inputs			
8	2.5%	Annual Degradation of Battery Capacity	Default value 2.5%; varies by manufacturer and chemistry type.
9	80%	Maximum Depth of Discharge	Default value 80%; varies by manufacturer. Ex: if a 20% reserve is required, select 60%.
10	75%	Average Active Event Participation Rate	Default value 75%; varies based on weather, recharge rate, and customer opt-out per-event.
11	2.5	Average Active Event Duration (hours)	Default value 2.5 hours based on historical average.
Residential Battery System – 10 kW / 15 kWh			
Your Estimated Upfront Incentive		\$	3,187.50
Upfront Incentive Rate (\$ per kWh)			\$ 212.50
Upfront Incentive Calculation Method			Rate * kWh
Your Estimated 10-Year Performance Incentive Total		\$	5,814
PEI Estimation Method			Average kWh
10 Year Active Dispatch Performance Incentive Estimate			

Version 6.3 – 12/4/25
Note: This calculator is intended to be used as an estimation tool only. Final Upfront Incentive approval is subject to review in a complete application by Program Administrators.

Systems that do not comply with the requirements of Passive Dispatch may be subject to an Upfront Incentive Clawback. Please refer to the current Program Manual, available at www.energystorageCT.com/contractor-resources.

Performance Incentives paid for Active Dispatch can vary significantly based on battery degradation, discharge limitations set by the manufacturer or operator, customer participation and opt-out, weather events, and system design.

150% or 2 MW Examples (p. 46 of Program Manual)

- **Example 5** – In the case of one 3 MW, 10 MWh battery for a large-sized Commercial grid-edge customer with an annual peak demand of 2 MW and an installed cost of \$2,500,000 (Tranche 3 Step 1)
 - 10,000 kWh * \$91/kWh, or \$910,000 +25% grid-edge adder = \$1,137,500
 - 50% of \$2,500,000, or \$1,250,000
 - The customer would receive an upfront incentive of \$1,137,500
- **Example 6** – In the case of one 1.4 MW, 5 MWh battery for a small-sized Commercial small business customer with an annual peak demand of 180 kW and an installed cost of \$1,950,000 (Tranche 3 Step 1)
 - System is > 150% of customer's peak demand, but < 2 MW. Incentive cap not exceeded.
 - Tiered incentive calculation + 25% small business adder = \$741,406
- 50% of \$1,950,000, or \$975,000
- The customer would receive an upfront incentive of \$741,406
- **Example 7** – In the case of one 3 MW, 15 MWh battery for a large-sized Commercial customer with an annual peak demand of 750 kW and an installed cost of \$3,500,000 (Tranche 3 Step 1)
 - System is not capable of dispatching 80% of its capacity in a 3-hour passive dispatch window
 - System is > 150% of customer's peak demand and > 2 MW, exceeding incentive cap
 - 150% of peak demand = 1.125 MW. Capped system size is 2 MW
 - The project must be redesigned and resubmitted.

Stages of an Incentive Enrollment Application in the Salesforce Customer Enrollment Platform:

- **Application in Progress**
- **Application Submitted** (best to submit as soon as the interconnection app is submitted)
 - ***Application Rejected*** (if discrepancies)
- **Installation in Progress** (Reservation of Funds is issued)
- **Completion Submitted** (last stage contractors submit anything in the portal)
 - ***Completion Rejected*** (if discrepancies)
- **In Inspection** (if *opted in* with the initial application question)
- **Pending DERMS** (waiting on installer to register BESS w/DERMS through OEM)
- **Pending Payment** (paid in monthly batches; see 2025 Upfront Payment Schedule)
- **Project Complete**

Changes to Application Process

- **MUST have interconnection application (for BESS 'export') submitted to utility PRIOR to submitting enrollment application to receive a Reservation of Funds (ROF)**
- ***Operational Agreement & Electric Bill*** are no longer required for submission. If still required in the portal, you may submit a duplicate or blank doc. We will be removing from the required document list, soon.
- **Change Orders** – For the interim, please email energystorage@ctgreenbank.com with any change orders (prior to PTO). **Please include:**
 - Previous and New: make, model, kW and kWh nameplate ratings
 - New Total BESS costs (prior to incentives) and Total PV costs (if applicable, so we may update those fields internally)
 - Any required documents impacted by the change order
- **More updates in progress!**

Pending DERMS

- Final step before we can move project into Pending Payment & customer's system can begin participating in events
- Contractor and customer must register the BESS through the battery inverter OEM's process
- Best if done at time of commissioning when system receives PTO
- Contact battery inverter's OEM for support (each OEM has a different process)
- Some resources available:
 - [FranklinWH](#)
 - [Tesla](#)

- Upfront Incentive funds will be disbursed per the [Payment Schedule](#) if everything is submitted by the **completion paperwork due date**
- To help prevent delays or issues with receiving your first payment from this program via ACH, please ensure your eligible company completes the [Vendor ACH Banking Information Request W-9 form](#) and submits to Ariel.Schneider@ctgreenbank.com before the completion paperwork due date
- Form is posted on the [Contractor Resources page](#)

Tesla Powerwall 3 – Passive Dispatch

- NOW available for Upfront Incentives through Passive dispatch in Eversource & UI territory
- MUST have interconnection application (for BESS 'export') submitted to utility PRIOR to submitting enrollment application to receive a Reservation of Funds (ROF)
- Contract must have the estimated upfront incentive applied as a discount to the total BESS costs if applying for Upfront incentive
- If system was already energized, PTO must be 6/5/2025 or later
- No Data Release T&C form required for Tesla apps in our portal as that is executed and recorded through the Tesla Mobile App
- When system has PTO, the customer will need to self-enroll through Tesla Mobile App in their Virtual Power Plant ("VPP") section to connect to the DERMS

Why Join Our Contractor Network



The Energy Storage Solutions contractor network includes all contractors who are eligible to offer Energy Storage Solutions. Contractors who join our network demonstrate their commitment to helping Connecticut thrive with more reliable & resilient power. Only contractors in our network can access Energy Storage Solutions incentives for their residential and commercial customers.



Join a strong network

Work with experienced program administrators

Strengthen and build partnerships

Enjoy networking opportunities



Leverage our resources

Trainings

Sales tools & marketing materials

Co-branding

Visibility on the [Energy Storage Solutions](#) website

One-on-one support

Calculators & technical support



Unlock new possibilities

Grow your business

Overcome barriers to project completion

Gain access to underserved market segments

Energy Storage Solutions Cobranding



- Use the Energy Storage Solutions logos in your marketing materials!
- Visit www.energystoragect.com/cobranding-terms-and-conditions-form to request access
- Now including the Connecticut Green Bank Contractor Network badge to utilize!
- If you have questions on cobranding for this program, or wish to discuss other Green Bank Solutions, please reach out to energystorage@ctgreenbank.com and we will put you in contact with the appropriate department.



Questions?

If unable to cover in this session, please email any questions to energystorage@ctgreenbank.com

