

NY-Sun and NYSERDA Energy Storage Updates

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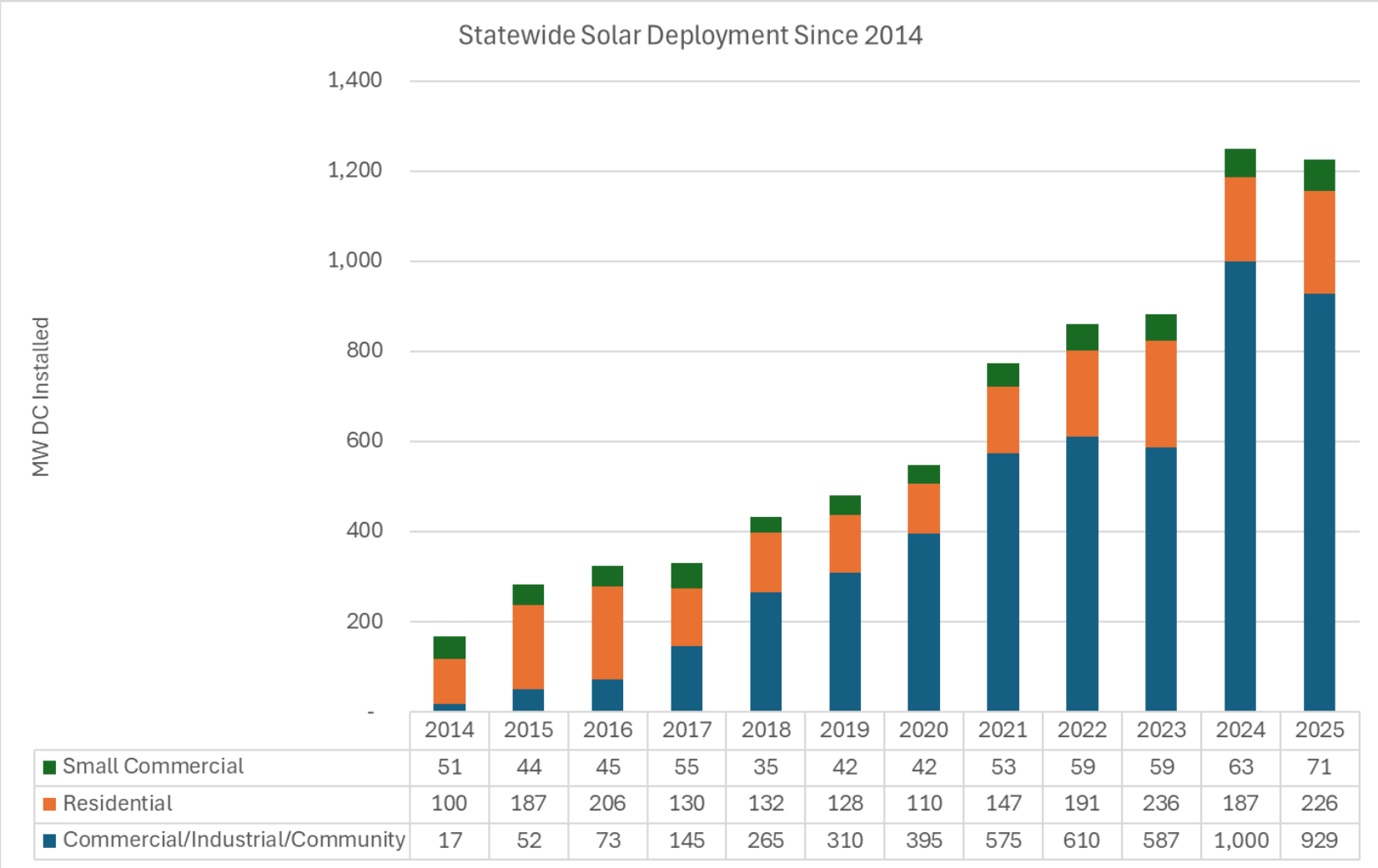
NYSERDA

Agenda

- > NY-Sun Year in Review
- > Solar Updates

- > Energy Storage Program Overview
- > Residential Storage
- > Retail Storage

Statewide PV Deployment



Current NYSERDA Incentive Blocks

NYSERDA has posted the final “Upstate” MW blocks authorized by the Public Service Commission

- > Upstate residential blocks (including Affordable Solar blocks) are fully allocated, but Green Jobs Green NY financing remains open
- > Upstate Nonresidential block is open (\$0.25/Watt)
- > Final Upstate C/I block is open – SEEF Block 2
 - This is the last of the new “10.5GW” capacity authorized by the Public Service Commission last year
 - 400MW (about 350MW remain), at \$0.12/Watt. Same incentive rate as previous block
 - Only available to Upstate Community Solar projects through Statewide Solar For All configuration
 - Projects can layer on Prevailing Wage and Beneficial Siting Adders
- > Inclusive Community Solar Incentive Adder (ICSA)
 - Currently available to projects already in the NY-Sun pipeline from earlier blocks
 - ~375MW remain

NY-Sun Program Manual Updates

Landfill/Brownfield incentive adder now open to

- a) NYSDEC Brownfield Cleanup Program sites
- b) Closed solid waste landfills
- c) Current or former hazardous waste facilities
- d) NYS Inactive Hazardous Waste Disposal sites
- e) Mines
- f) former solid waste facilities (New!)

S-SFA incentive adder now open to Nonresidential projects (Blocks 1-10)

NY-Sun Program Manual Updates

Nonresidential program size cap adjusted

- > Previously, not open to projects above 750kWdc
- > Now, projects up to 1MWac can apply, but incentive is still limited to 750kWdc

Commercial/Industrial field inspections must now be scheduled to occur within 90 days of project being Complete in Salesforce

Projects no longer need to submit proof of interconnection application submission date

Projects participating in S-SFA must now submit SSFA Participation Agreement with utility

Energy Storage

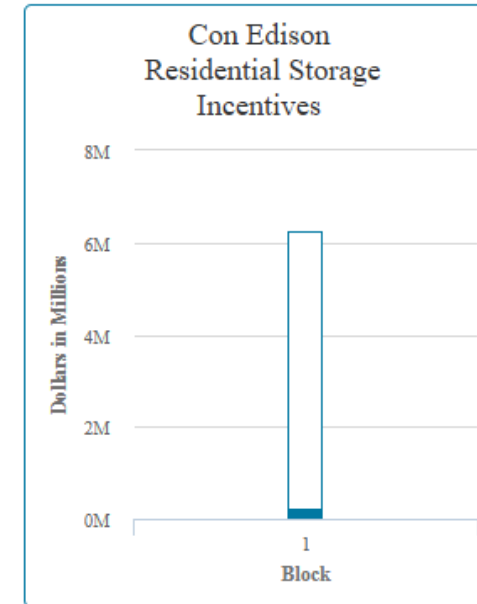
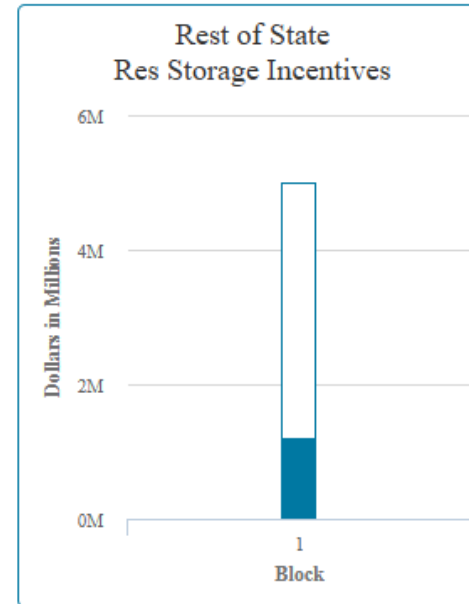
NYSERDA's Energy Storage Programs

Three incentive programs:

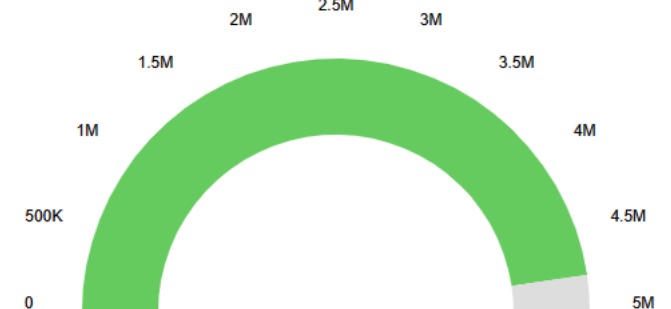
- > **Residential:** Open-enrollment MWh blocks. Procuring 200MW
- > **Retail:** Commercial/Industrial/Community Storage, up to 5MW. Open-enrollment MWh blocks. Procuring 1,500MW
- > **Bulk:** >5MW, annual competitive solicitations. Procuring 3,000MW

Residential Energy Storage

- 3 regional blocks:
 - Rest of State
 - Con Edison (including Westchester)
 - Long Island (administered through NY-Sun)
- Initial Block Sizes and Rates:
 - **Con Edison:** \$6.25M, 25 MWh/10 MW, at **\$250/kWh**
 - **Rest of State:** \$5.0M, 25 MWh/10 MW, at **\$200/kWh**
 - **Long Island:** \$550K currently available, at **\$250/kWh**
- Subsequent block sizes and incentive levels will be published on the MWh Block dashboard and announced through NYSERDA's Energy Storage mailing list
- Maximum award per project is capped at **25 kWh**



Long Island Single-Family Residential Incentives - Block 2



Residential Energy Storage Eligibility

- The system must be **grid-connected** and behind the customer's electric meter
- The system must enroll in a utility **Dynamic Load Management** (DLM) program or other qualifying aggregation program **where available and practicable**, as described in Program Manual
- The system must be listed to specific **UL/CAN standards** listed in the Program Manual
 - UL 9540
- The system must interconnect through the **Standardized Interconnection Requirements** and receive required **local permits**
 - Building permits must **mention energy storage** or demonstrate that municipality granted permit with awareness of the storage system

Please refer to Program Manual for complete eligibility requirements

Residential Storage – Participating Contractors and Builders

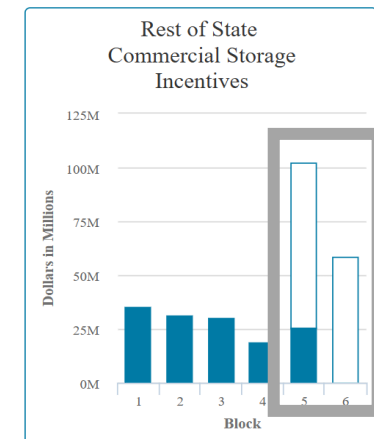
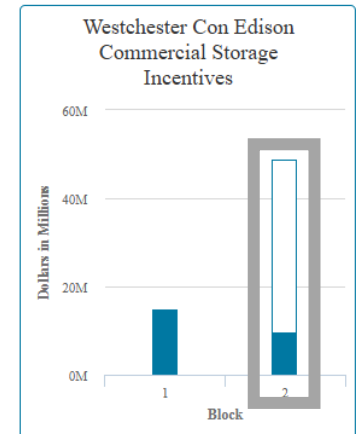
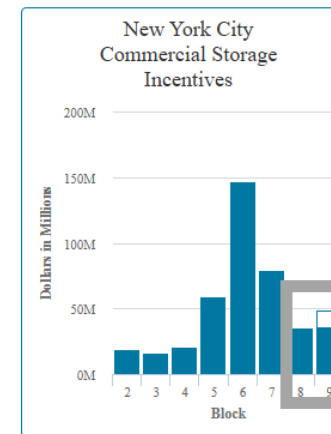
- Similar to the NY-Sun Residential program, each project must have a Participating **Contractor**, and a Participating **Builder**
 - **Contractors** are responsible for the contract with the customer
 - **Builders** are responsible for the installation of the system
 - A company approved as both a 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)
 - **Customer agreement (purchase or lease/ppa):** detailing total cost and applicable incentives, escalation rate/factor, and other terms (detailed in Contractor Application Checklist on website)

Retail Storage

- The NYSERDA Retail Storage program is open, and accepting project applications
- The current program is an expansion to, and based on, the structure of the 2021 energy storage incentive program
- Over 715MW of projects already submitted since program launch in May 2025
 - Mostly NYC projects, 5MW (20MWh) participating in Statewide Solar For All
 - Uptake in Upstate region has been slower due to municipal siting issues and lower project revenue

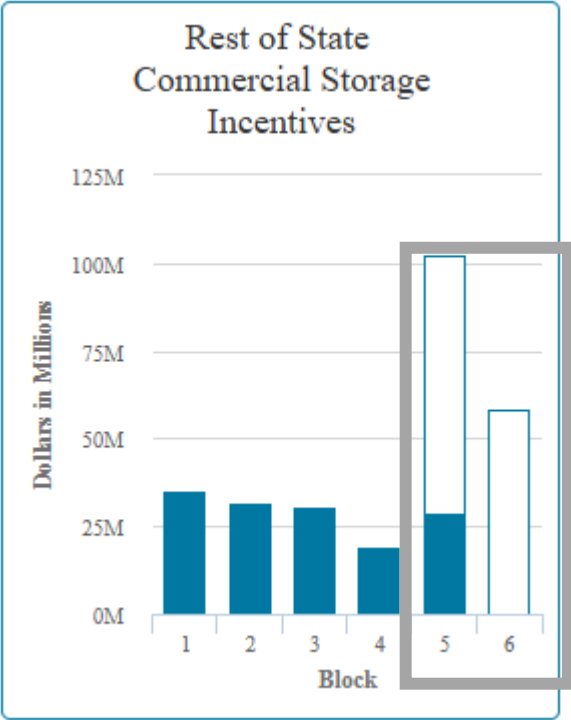
Regional Incentive Blocks are Now Open

- Incentives are capped at project capacity of **20 MWh**.
- The Retail “2.0” program has three regional MWh blocks:
 - **Rest of State** (all other utility territories other than Con Edison and LIPA)
 - **Con Edison NYC:** minimum total allocation 750 MW
 - **Con Edison Westchester:** minimum total allocation 150 MW
- Incentive rates listed will be provided at the dollar value listed for each of the first **four hours** of a system’s duration and decline to **25% of this dollar value for hours five and six of duration** with no incentive for any duration beyond six hours.



Retail Rest of State Block 5 includes 150 MWh at \$175/kWh

Block #	MW	MWh	Incentive	Block Budget
5	150	585	\$175/kWh	\$102.4M
6	100	390	\$150/kWh	\$58.5M
7+	TBD	TBD	TBD	TBD



Retail Storage – Project Eligibility

Eligible use cases include:

- Project compensated under the **VDER Value Stack tariff**
- Projects that pursue revenue through a **Utility or NYISO aggregation or demand response program**
- Projects serving nonresidential **demand-metered** customers installed behind customer electric meter (BTM)
- Projects serving nonresidential, **non-demand metered** customers **paired with a solar PV system** (BTM)

Projects are ineligible for an incentive if they:

- Received utility Permission to Operate (PTO) prior to applying for an incentive
- Received a previous NYSERDA storage incentive
- Are participating in the NYSERDA Bulk Storage program or the NYSERDA Tier 1 program
- Have executed a contract to participate in a Non-Wires Alternative (NWA) or Non-Wires Solution (NWS) project or program on or before February 14, 2025
- Are owned by an Investor-Owned Utility (IOU)
- Are awarded an IOU Dispatch Rights contract

Please refer to Program Manual for complete eligibility requirements

Retail Energy Storage Project Eligibility

Project Maturity Requirements:

- Sited in ConEd Westchester and Rest of State:
 - **Proof of 100% utility interconnection upgrade payment**
 - **Non-ministerial permits (planning, zoning, SEQR)**
- *Sited in New York City:*
 - *Proof of 100% utility interconnection upgrade payment*
 - *Non-ministerial permits (planning, zoning, SEQR):*
 - *SEQR is required if enclosed structures (e.g., cabinets) cover > 4,000 square feet*

Additional Requirements:

- Storage system must consist of commercial products carrying at least a **10-year manufacturer's warranty**
- The storage system must be certified to meet minimum safety requirements by a Nationally Recognized Testing Laboratory as evidenced by **applicable UL listings**

Please refer to Program Manual for complete eligibility requirements

Retail Energy Storage Contractor Eligibility

Requirements specific to Retail “2.0” Participating Contractors include:

1. References to **three** representative projects that have entered **commercial operation in the past three years** and that **sum to at least 3 MW**.
 - If a contractor is unable to provide three project references, a contractor may submit references from prior projects completed by the contractor’s key personnel for previous contractors.
2. **DER Provider Registration Determination letter** from DPS (or proof of registration with DPS’s Uniform Business Practices for Distributed Energy Resource Suppliers (UBP-DERS))
3. Resumes demonstrating 5+ years of energy storage related experience across the contractor’s key personnel (engineering, construction and development roles)
4. Payee W9 form

Existing contractors from Retail “1.0” program do not need to re-apply.

Please refer to Contractor Checklist on NYSERDA website for further detail

Fire Safety

NYSERDA and the State of NY are very vested in the safety of all installed energy storage projects

- All retail storage projects undergo a detailed third-party field inspection
- All projects >600kWh and outside FDNY jurisdiction undergo an extension code/fire safety “Peer Review”
- Inter-Agency Fire Safety Working Group code recommendations have gone into effect in the 2025 NYS Fire Code
- Additional resources are available on the [Fire Safety Working Group webpage](#)