DRIVING for SOLAR +STORAGE Long Island

Long Island Solar + Storage Industry Briefing

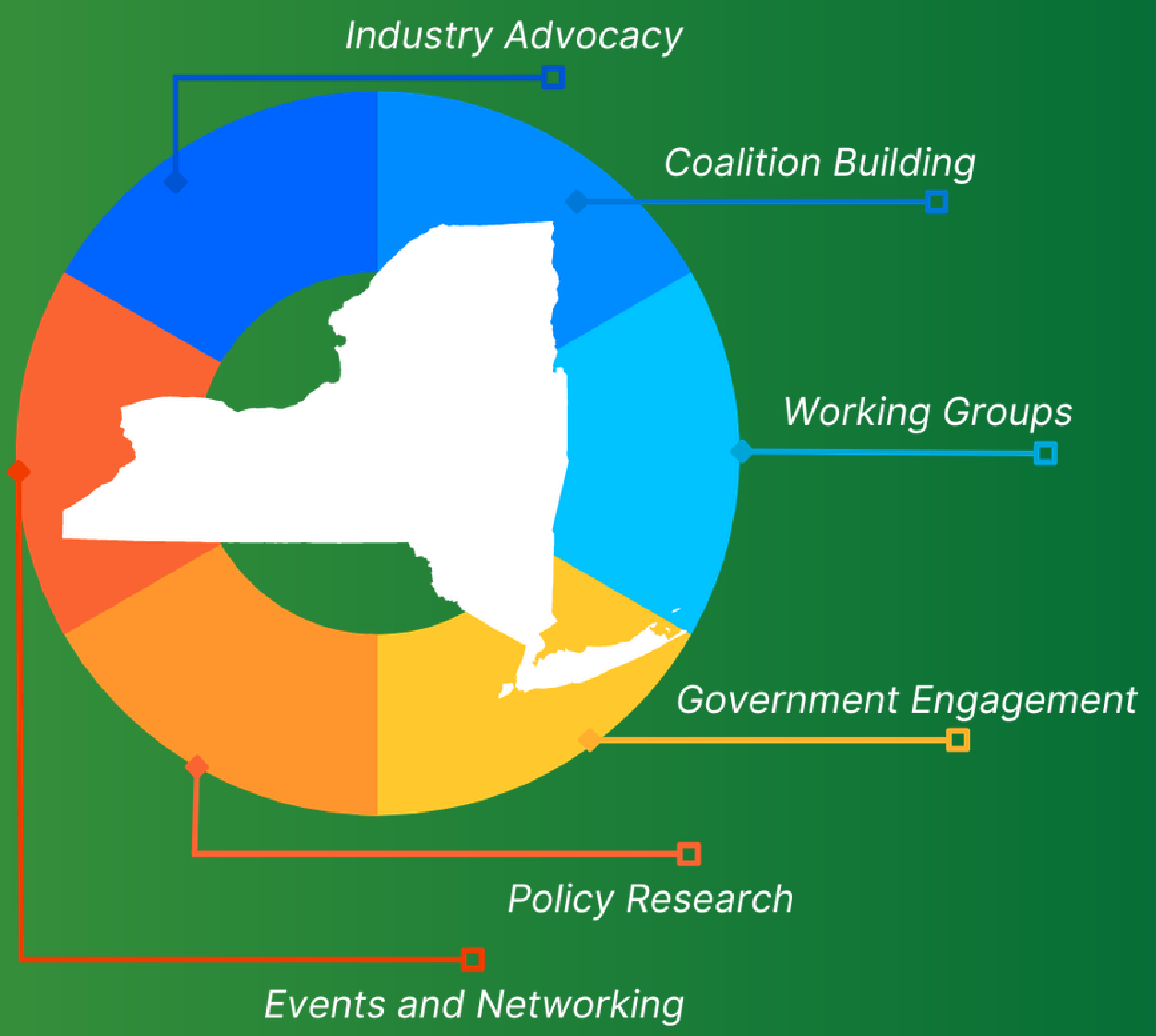
August 20th, 2026

NYSEIA

About NYSEIA

NYSEIA is an industry trade association dedicated to advancing distributed solar and energy storage deployment across New York State. We address barriers to deployment and grow the addressable market through legislative and regulatory advocacy, public education, and capacity building for member companies.

Join us for a strategic edge and to support the long-term success of the largest distributed energy market in the Northeast!



Learn more!
www.nyseia.org

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Long Island's Vibrant Solar + Storage Industry

Total Solar Capacity (MW DC):	1,285 MW
Total Number of Solar Projects:	101,075
Total Storage Capacity (MW DC):	44 MW
Total Number of Storage Projects:	3,355

Data as of 6/30/2026

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Solar and Storage as Affordability Tools

Why Affordability Matters on Long Island

- Long Island residents face some of the highest electric bills in the country.
- Utility delivery charges increasingly drive customer bills.
- Customers are looking for tools that provide stability, not just savings.

Solar + Storage is the Solution

- Solar reduces reliance on utility-provided energy.
- Batteries can help customers reduce exposure to peak-period costs.
- Distributed energy gives customers more control over their energy spending.

JANUARY 2026

Synapse
Energy Economics, Inc.

SUNLIGHT AND STORAGE INTO SAVINGS

Evaluating Energy Cost Savings from Distributed Solar and Storage Additions in New York

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Prepared by
Synapse Energy Economics

Prepared for
Coalition for Community Solar Access (CCSA)

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Unlocking a billion-dollar energy affordability opportunity for New York.

$1 Billion per year in avoided energy costs

From scaling rooftop and community solar to 20GW by 2035 and meeting New York's Energy Storage targets

- **Savings flow to all ratepayers, not just solar or storage customers**
  - **$542M upstate, $481M downstate**
- **In addition to hundreds of millions in direct bill savings for customers with solar and batteries**
- **Results in $947 million in avoided carbon emission costs**

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Federal Policy Reset: What It Means for Long Island

THE RULES CHANGED IN 2026

Residential Solar Shift

Residential solar officially lost the 25D tax credit, reshaping ROI models for homeowners across Long Island.

Commercial Deadline Race

Commercial projects are accelerating development pipelines to meet strict federal compliance deadlines.

Evolving Ownership

Third party ownership and prepaid leasing models are rapidly evolving to bridge incentive gaps

Cost Reduction Imperative

Soft cost reduction, system optimization, and efficiency gains are now more vital than ever.

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Historic NY-Sun Funding Creates New Opportunities for Long Island

This year, our industry secured a major victory in the FY2027 State Budget.

The enacted budget includes a **$200 million investment in NYSERDA's NY-Sun program.**

This marks the **first taxpayer-funded investment in NY-Sun's history.** For nearly two decades, the program has been funded through System Benefits Charge (SBC) collections rather than state budget appropriations.

That distinction matters for Long Island. Because these funds come from a state appropriation rather than SBC revenues, they create a pathway for NY-Sun incentives to be available on Long Island for the first time in many years.

What This Means For Long Island

- **NY-Sun incentives could return to Long Island**
- **Opportunity across all major market segments**
- **Program design will determine Long Island's share**

New York State Legislative Updates

The Budget Also Tackled One of the Biggest Drivers of Solar + Storage Project Costs

The budget included key interconnection reforms from the ASAP Act, including:

- Flexible Interconnection
- Proactive Planning for Distributed Energy Resources (DERs)
- Greater Cost Transparency to Reduce Solar + Storage Costs

These reforms will help lower costs, reduce delays, and support broader deployment of solar and storage across New York.

NYSEIA is actively working with state agencies and utilities to ensure successful implementation and maximize the benefits for customers and the industry.

Photo Credit: NYSEIA

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Residential Market Update

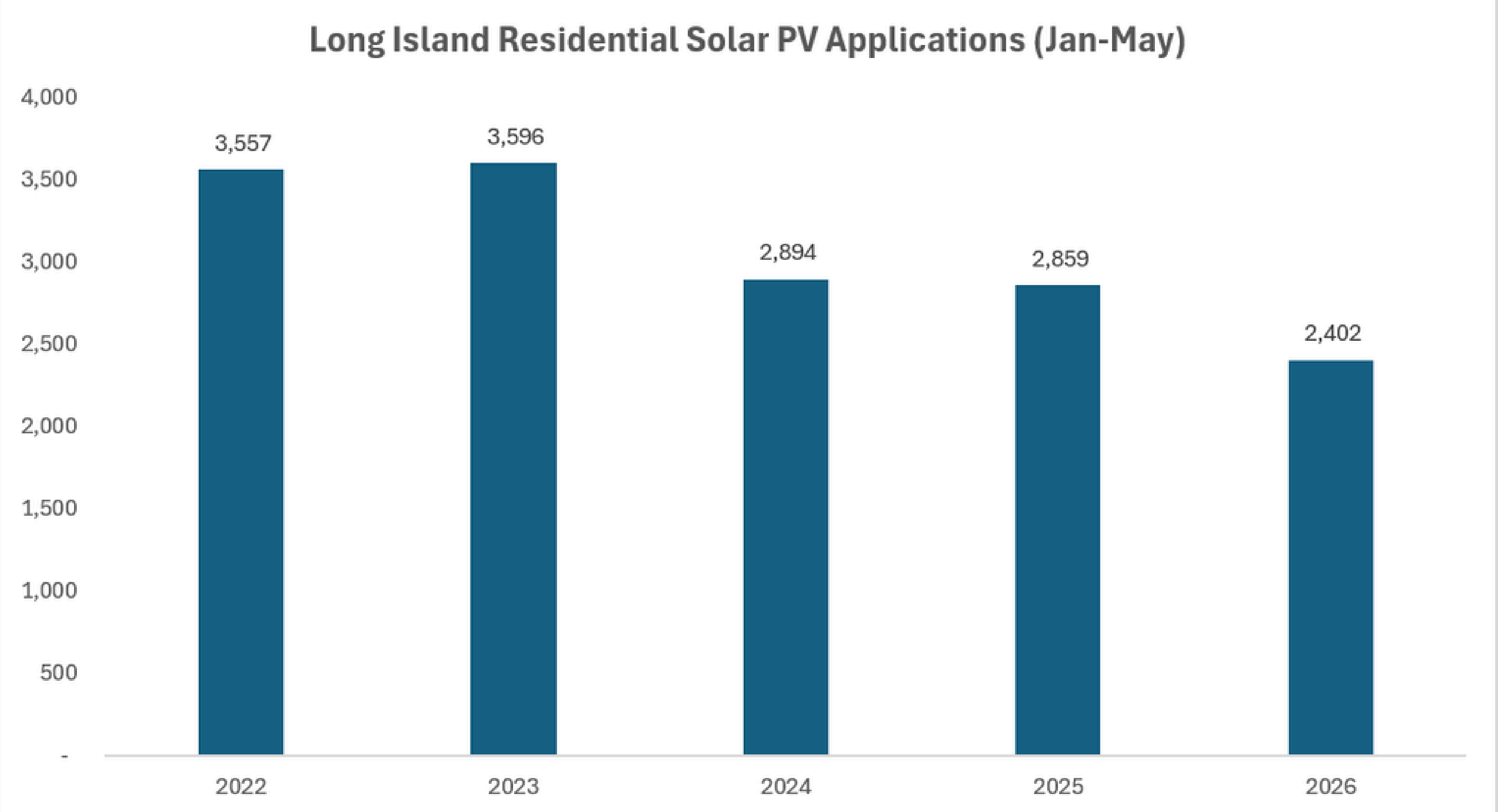
25D Clean Energy Credit Expired in December 2025

LIPA's residential installation volume YTD has been lower than any year in the last five years

Market is shifting from customer-owned to third-party owned systems due to the 25D cliff

Residential BESS attachment rates remain low

Strengthening DLM compensation to drive BESS attachment and cutting costs with MSAs and permitting automation remains priorities



Application Year	BESS Attachment Rate
2022	7.7%
2023	2.6%
2024	3.7%
2025	5.0%
2026	5.6%
Grand Total	**4.9%**

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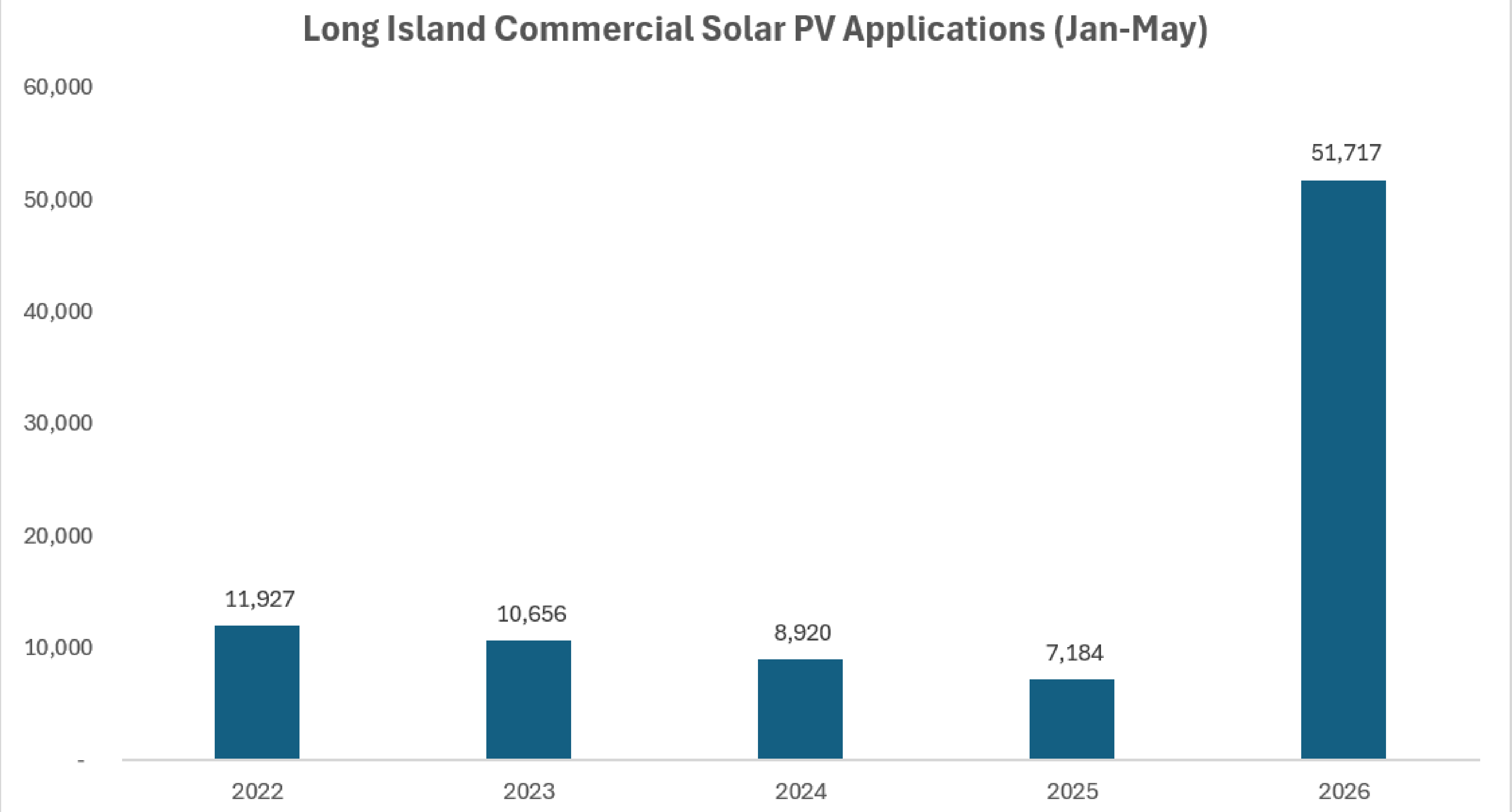
C&I Market Update

ITC Commence Construction Deadline Passed on July 4, 2026; New Projects Targetting 2027 PTO

LIPA's C&I PV application volume YTD has been higher than any year in the last five years, driven by the ITC Commence Construction deadline

Most of the capacity in the queue is driven by a small number of projects above 1 MWac; attrition following interconnection studies is possible

New projects are under very real pressure to be placed-in-service by the end of 2027 - timely interconnection is key



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What We're Focused On Now

Bringing NY-Sun Funding to Long Island

Ensuring new program funding benefits Long Island homeowners and businesses.

Reducing Soft Costs

Implementing ASAP Act reforms to lower interconnection costs, enabling the use of meter socket adaptors, expanding adoption of automated residential permitting.

Expanding Energy Storage Adoption

Improving economics for residential and commercial batteries.

Preserving Market Certainty

Helping companies navigate policy changes and market transitions.

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Q&A and Discussion

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