



NY-Sun

NYSERDA

Central Hudson Solar Summit 2019

Poughkeepsie, NY

NY-Sun Program Updates



March 6, 2019

NY-Sun Incentive Program: Megawatt (MW) Block

Capacity-based cash incentive available to eligible contractors.

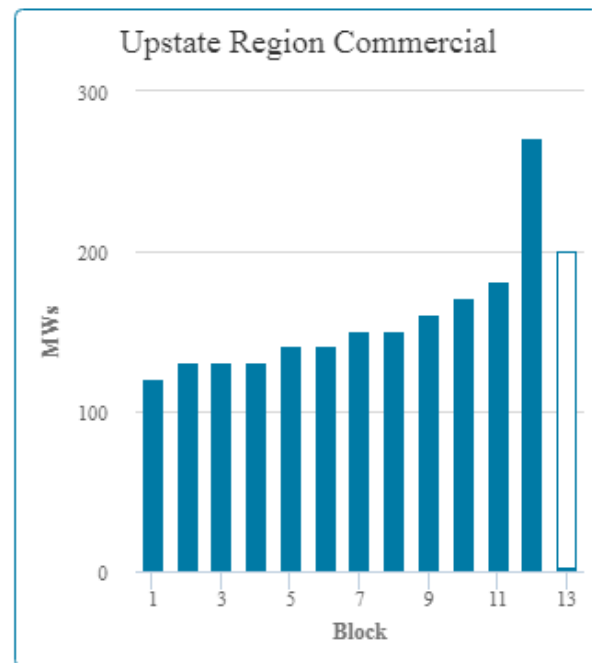
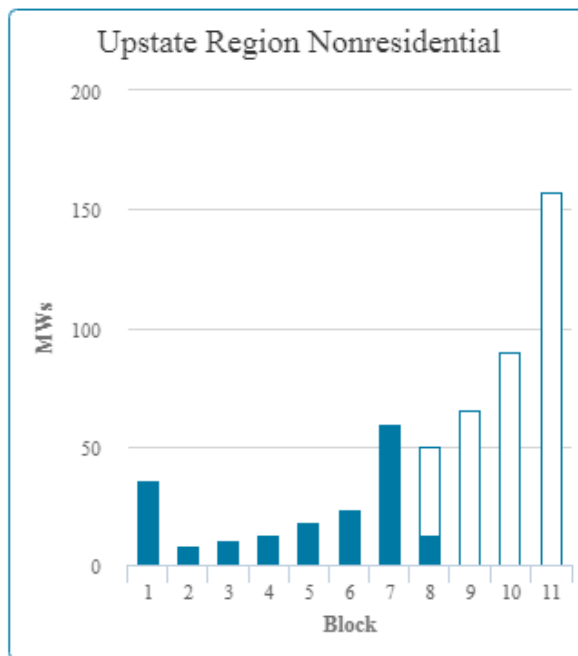
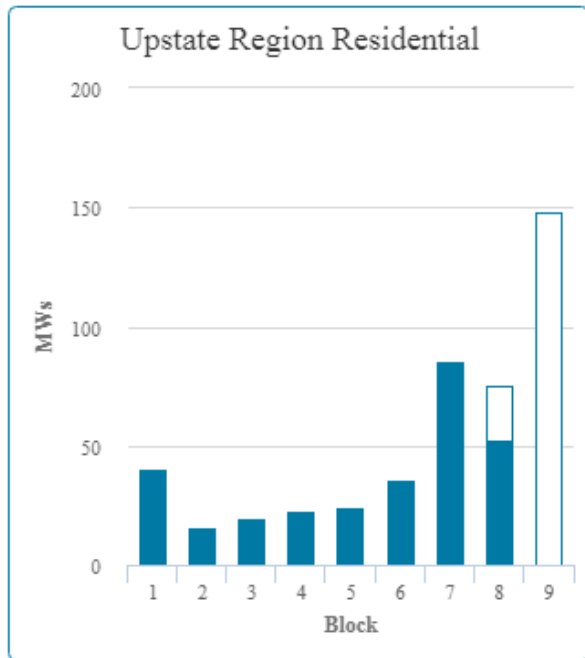
Three Regions:

- Con Edison (New York City and South Westchester)
- Upstate (Rest- of-State or ROS) and Long Island

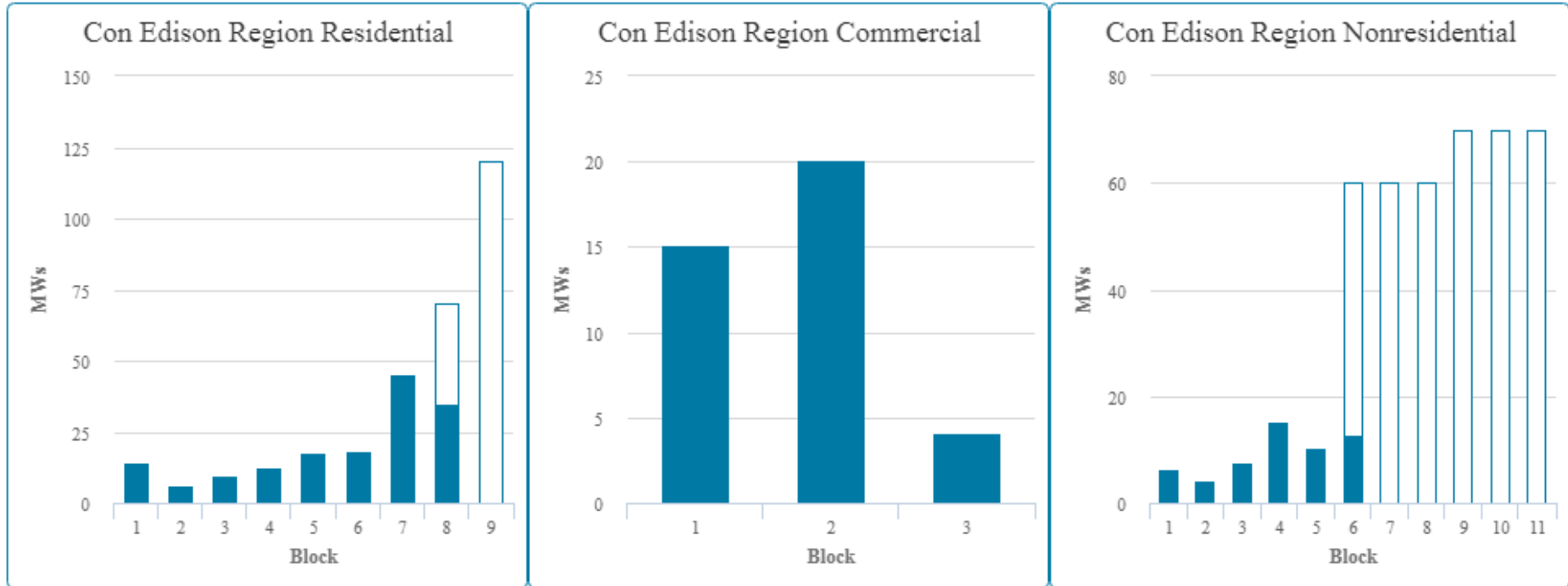
Three Sectors:

- Residential: up to 25kW
- Non-residential: up to 750kW
- Commercial & Industrial: 750kW -7.5MW
 - Block 13 announced 2/11/19

Upstate Dashboard



Con Edison Dashboard



Solar Plus Storage Adder

- \$40 Million in available funds
- A Nonresidential or Commercial & Industrial project may qualify for the NY-Sun solar incentive and the Energy Storage incentive adder
 - Projects located in PSEG and NYPA are not eligible
- Eligible energy storage projects will receive \$350 per kWh of installed energy storage capacity (AC)
- All Project seeking energy storage incentives must be submitted by a NY-Sun approved contractor
- Projects must meet all NY-Sun Program rules and requirements as well as Solar Plus Energy Storage requirements, as detailed in the NY-Sun Manuals
- 100% of Energy Storage incentive will be paid after being inspected

Solar Plus Energy Storage Project Maturity

Nonresidential

	Final CESIR / Proof of 25% Payment or executed interconnection agreement from the utility	Meeting minutes documenting energy storage has been presented or approved by zoning board	Planning & zoning board approvals
Solar	x		x – if adding storage
Storage	x	x	

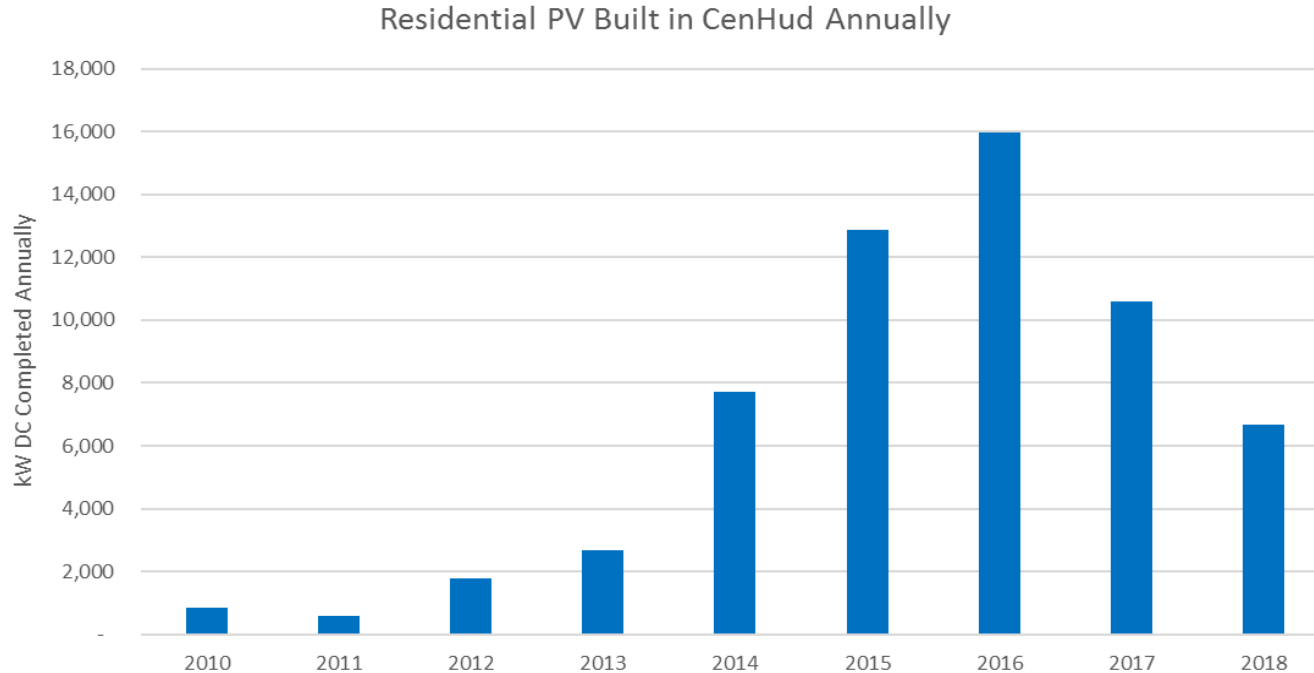
C&I

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Solar	x		x
Storage	x	x	

State of NY's PV Industry

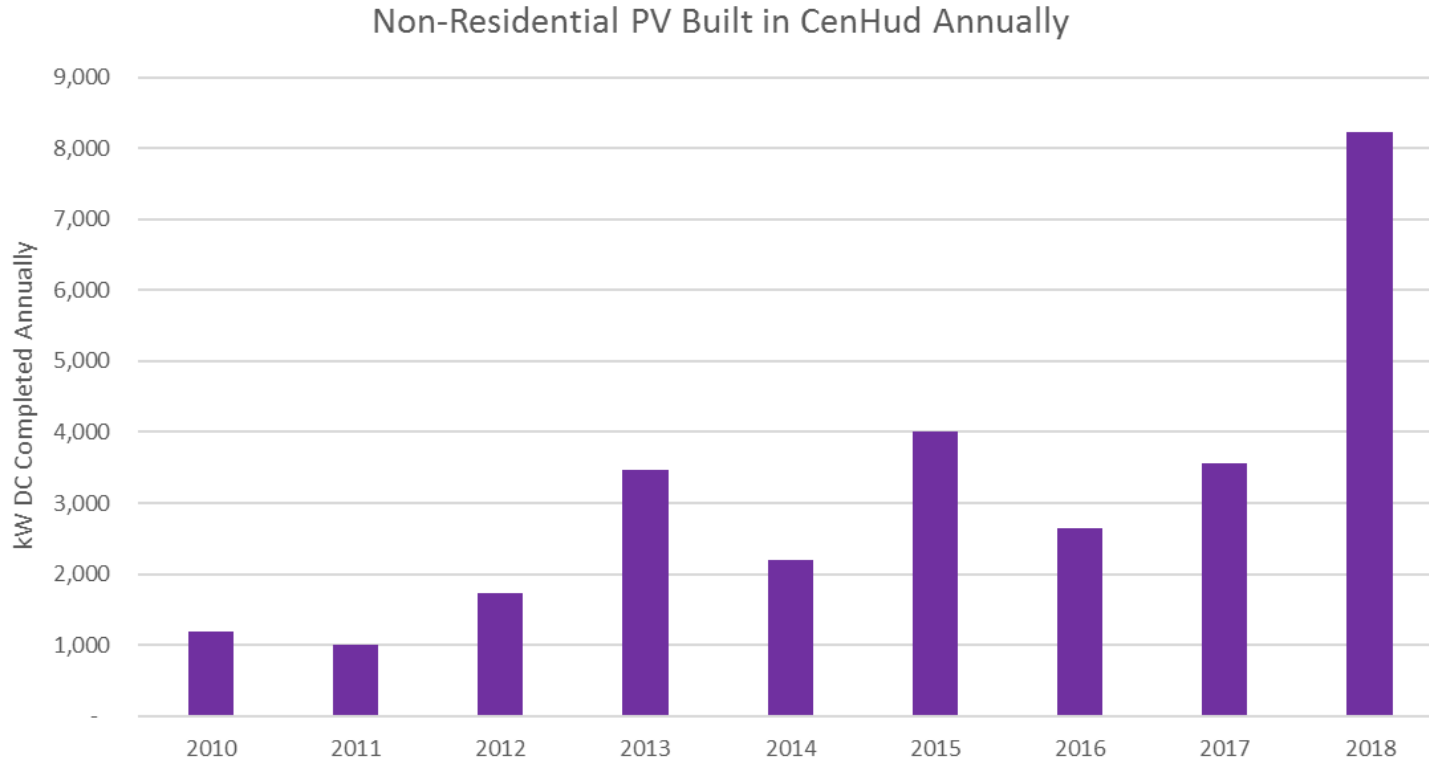
- State of NY's PV market
- Policy update
- PV + Storage

State of NY's PV Industry - Residential

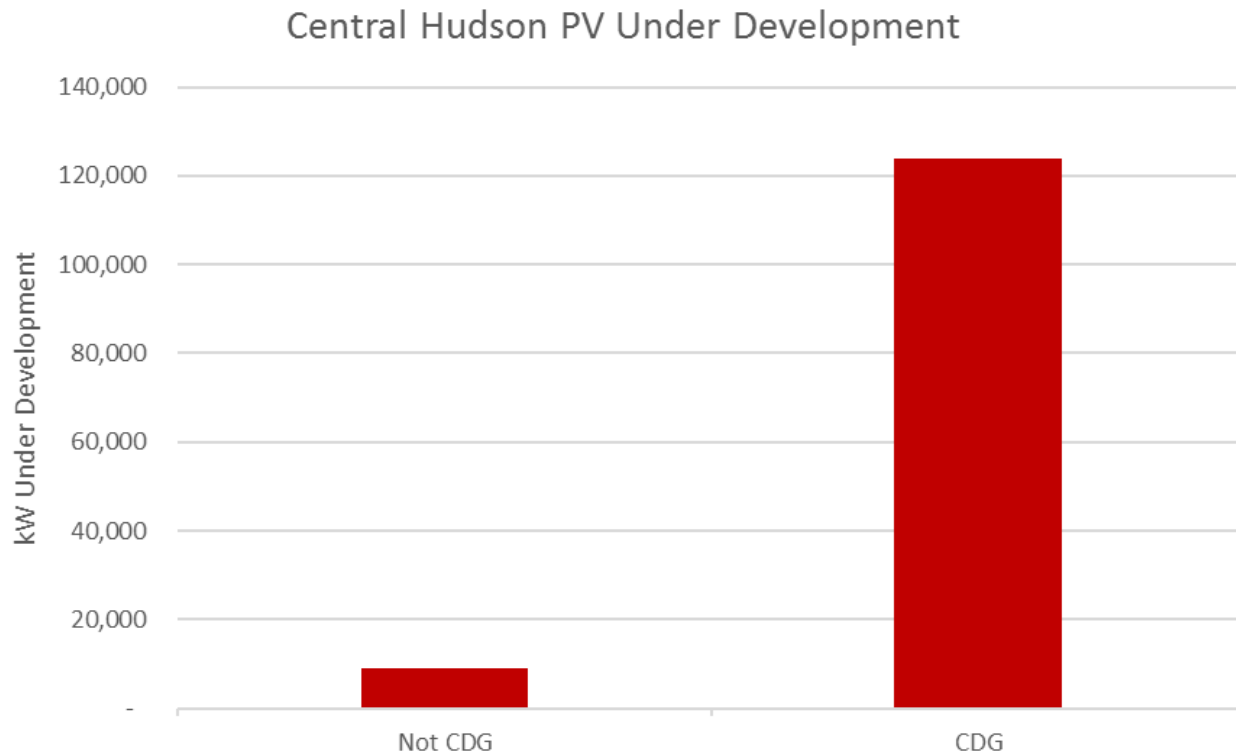


On-site residential has slowed due to low wholesale energy rates (cheap natural gas), withdrawal of large players (Sungevity, SolarCity, NRG)

State of NY's PV Industry - NonResidential



State of NY's PV Industry - Pipeline



State of NY's PV Industry – Policy Update

- Currently, net metering is available for new residential and small, non-demand commercial customers.
 - NY Dep't of Public Service (DPS) indicated that net metering will no longer be available for new projects starting 1/1/2020.
 - Not yet clear what the successor tariff will be. Could involve time-of-day values, demand charges, a different basic service charge, etc.
 - Follow news by staying engaged with DPS (Matter #15-02703), SEIA, NYSEIA, NYSERDA

State of NY's PV Industry – Policy Update

- VDER (Value of Distributed Energy Resources) is the compensation structure for most commercial and industrial PV projects.
- DPS proposed improvements in July 2018 and again in December 2018 through a series of whitepapers
 - Public comment period for whitepapers just closed on 2/25/2019. Large number of comments – some in favor, some opposing
- Next steps – DPS to issue an updated Order changing VDER rules
- The proposed changes included
 - Simplifications to DRV value
 - Net metering for on-site projects under 750kW
 - Expanded Community Credit for most utilities, and a new CDG upfront incentive for Central Hudson and O&R
- Stay tuned for further updates

PV with Energy Storage

- Existing incentive is already on the streets - \$350/kWh, administered as an adder through NY-Sun application. \$40M available
- Coming soon – incentive program for standalone storage, storage added onto completed PV projects
- Residential PV+Storage program certainly possible, especially if post-net metering tariff has a time-of-day component

Thank you

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