



NYSERDA

Navigating Solar in Your Community

Candace Rossi

Project Manager, NY-Sun

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New York Energy Policy

- Reforming the Energy Vision (REV) is Governor Andrew Cuomo's strategy to build a clean, resilient and affordable energy system for all New Yorkers.
- Clean Energy Standard: 50% renewable energy by 2030.
- Clean Energy Fund (CEF)
 - 10-year, \$5 billion funding commitment
 - Reshapes NY's energy efficiency, renewable energy and energy innovation programs
 - Reduces the cost of clean energy
 - Accelerates the adoption of energy efficiency to reduce load
 - Increases renewable energy to meet demand
 - Mobilizes private investment in clean energy

NY-Sun Initiative

- Significantly expand installed solar capacity
- Attract private investment
- Enable sustainable development of a robust industry
- Create well-paying skilled jobs
- Improve the reliability of the electric grid
- Reduce air pollution
- Make solar available to all New Yorkers

Reduce Soft Costs

Approx. \$1 Billion Total Budget

Self-Sustaining Market

Statewide Goal of 3 GW by 2023

New York's Solar PV Incentive: The Megawatt Block Program

NY-Sun Incentive Program: MW Block

Three Regions:

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

Three Sectors:

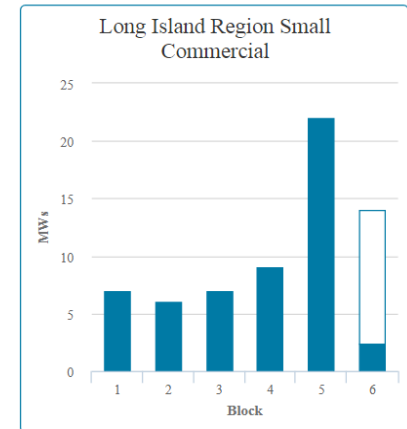
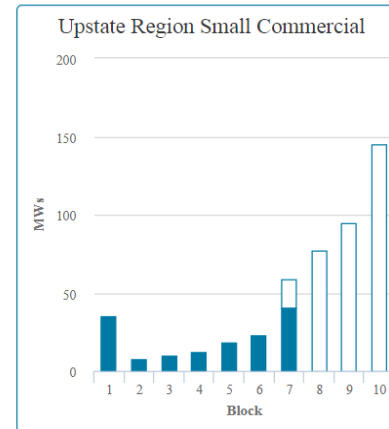
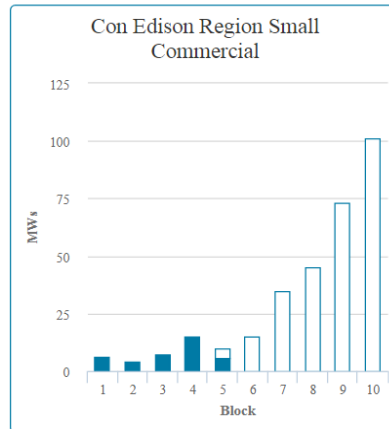
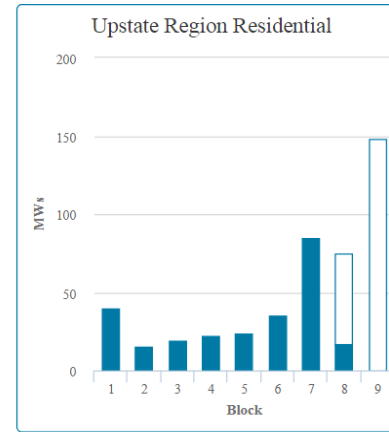
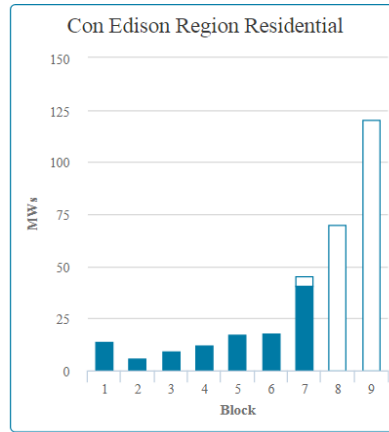
- Residential: up to 25 kW
- Small Non-residential: up to 200 kW
- Commercial/Industrial: >200 kW

Incentive is available through Dec 29, 2023, or until funds are exhausted.

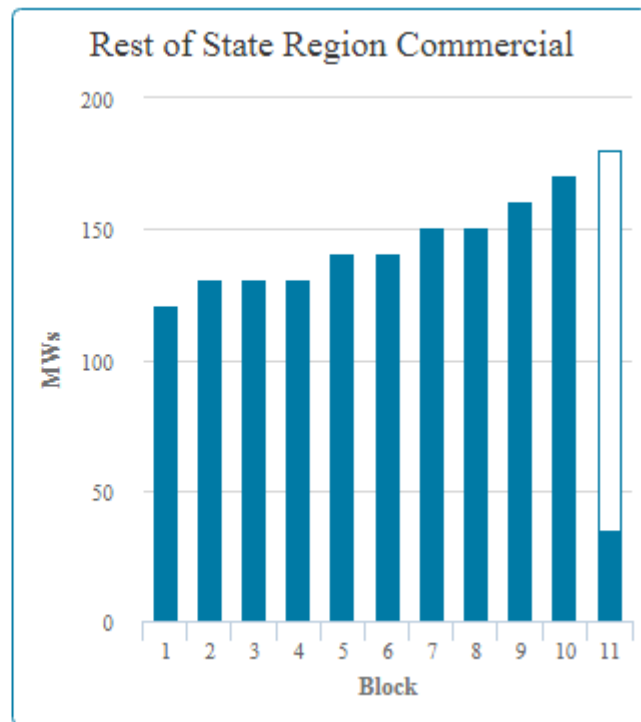
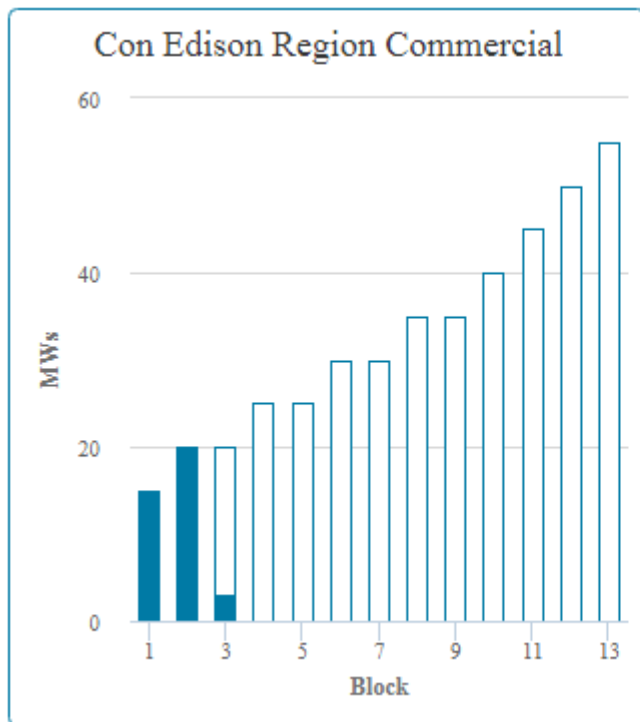
Res/Small Commercial MW Dashboard

- Incentives step down over time as capacity goals are achieved
- Real-time dashboard provides transparency and predictability
- Incentives move separately per sector and geographic region, based on actual market activity

Data as of 3/9/2018



Commercial/Industrial MW Dashboard



Data as of 3/9/2018

The New York Solar Guidebook and Technical Assistance for Local Governments

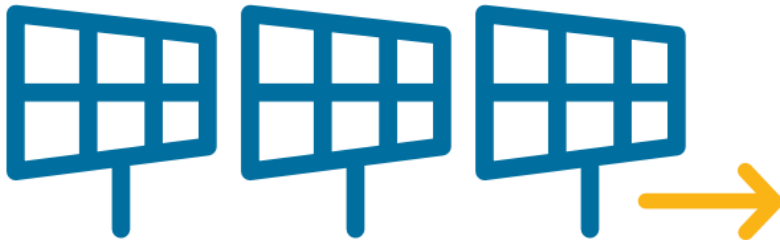
Community Solar in New York



Community Solar in New York



Community Solar: How it Works



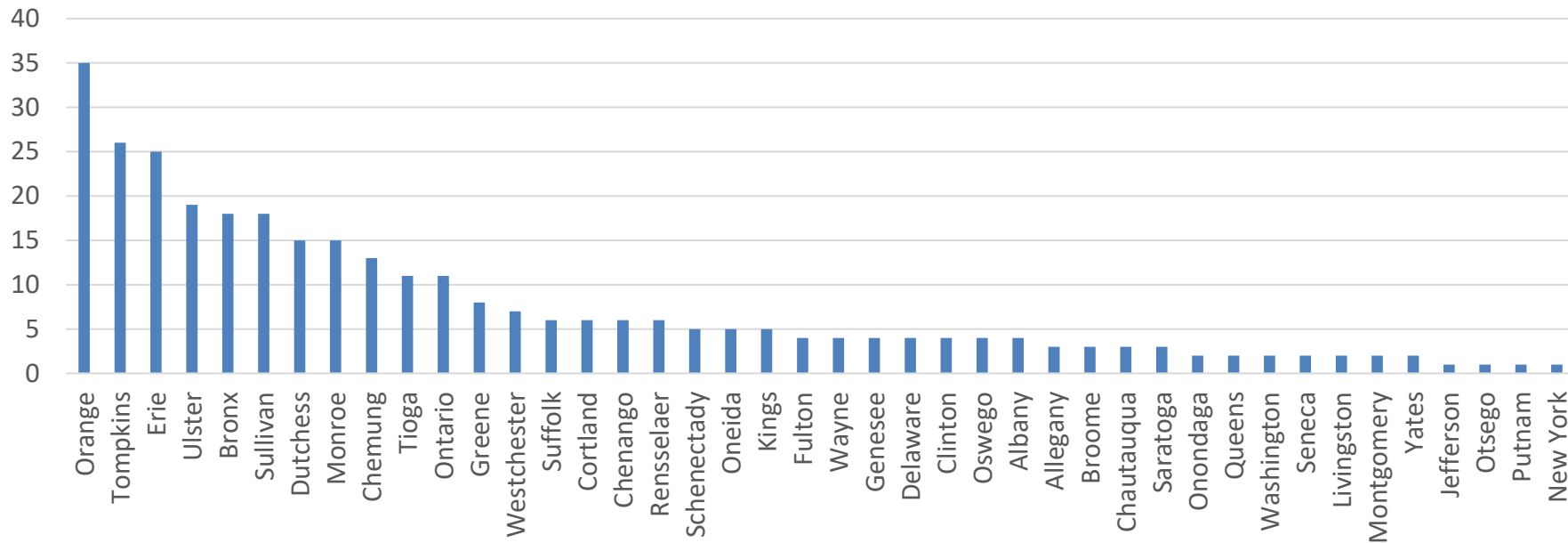
Solar electric panels are installed offsite in sunny locations to produce renewable energy for subscribing members.

Any utility customer (home or business) can be a subscribing member.



Each subscriber's utility bill is credited accordingly when excess energy is produced.

Number of Proposed CDG Projects in NY



- There are proposed community solar projects in 42 counties
- Orange, Tompkins, and Erie Counties have the most proposed projects
- The average project size is about 2 MW AC

NY Solar Guidebook for Local Government

Chapter 1 - Solar PV Permitting and Inspecting in NYS

- Assists jurisdictions to streamline the solar permitting and inspection process.

Chapter 2 - Roof Top Access and Ventilation Requirements

- Describes the International Residential Code and Errata amendments as adopted by New York State.

Chapter 3 - State Environmental Quality Review (SEQR)

- Assists jurisdictions completing the SEQR process for large PV systems.

Chapter 4 - NYS's Real Property Tax Law § 487

- Provides guidance to AHJs on property tax issues and solar systems.

Chapter 5 - Solar Payment-In-Lieu-of-Taxes Toolkit

- Provides information and tools for jurisdictions to enter payment-in-lieu-of-tax agreements.

Chapter 6 - Using Special Use Permits and Site Plan Regulations

- Provides a how-to manual with land use tools to site, plan, and zone projects on farmland.

Chapter 7 - Solar Installations in Agricultural Districts

- Provides information to AHJs and developers siting PV systems in Ag Districts.

Chapter 8 - Landowner Considerations for Solar Land Leases

- Provides guidance to landowners regarding leasing land for PV projects.

Chapter 9 - Decommissioning Solar Panel Systems

- Provides information to local governments and landowners on decommissioning large PV systems.

Chapter 10 - Model Solar Energy Local Law

- Assists municipalities in drafting local laws and ordinances, and to facilitate ideas for properly incorporating solar language into local zoning laws and policies.

NY Solar Guidebook Website: www.nyserda.ny.gov/SolarGuidebook

Technical Assistance for Local Governments

NY-Sun offers local governments free one-on-one assistance on:

1. Adopting a Payment-In-Lieu-Of-Taxes (PILOT) law and agreement
2. Completing the SEQR process for large solar installations
3. Planning and Zoning for Solar
 - Adopting a Model Solar Energy Law
 - Siting PV in Agricultural Districts and agricultural areas
 - Updating master plans and zoning regulations
4. Municipal Solar Procurement
5. Permitting and Inspections
 - Adopting and implementing the Unified Solar Permit
 - Technical consulting to relieve administrative burdens

A PROGRAM OF NYSERDA



The New York Solar Guidebook Homepage

COMMUNITIES & LOCAL GOVERNMENTS

Guidebook for Local Governments

Technical Assistance & Support

Solarize Your Community

Affordable Solar Predevelopment and Technical Assistance

Guidebook for Local Governments

The New York Solar Guidebook has information, tools, and step-by-step instructions to support local governments managing solar energy development in their communities.

[NY-Sun Solar Guidebook for Local Governments \(PDF\)](#)

The Guidebook contains chapters on various solar energy topics, the permitting process, property taxes, and more.

You can download the full New York Solar Guidebook as a PDF or access individual chapters below.

Stay up-to-date with the latest from NY-Sun. Join our email list for local government officials.

If you have a question on getting solar in your community, or need help with a chapter of the Guidebook, solarhelp@nyserda.ny.gov and we'll respond to you within 24 hours. For more hands-on support, learn more about [our free training and technical assistance opportunities](#).

- > New York State Unified Solar Permit
- > Roof Top Access and Ventilation Requirements
- > State Environmental Quality Review (SEQR) for Solar
- > Understanding the Real Property Tax Law Section § 487
- > Payment-in-Lieu-of-Taxes (PILOT) Toolkit

The entire Solar Guidebook is available for download here

Ask the NY-Sun team any question about solar by sending an email to solarhelp@nyserda.ny.gov

Individual chapters are available here

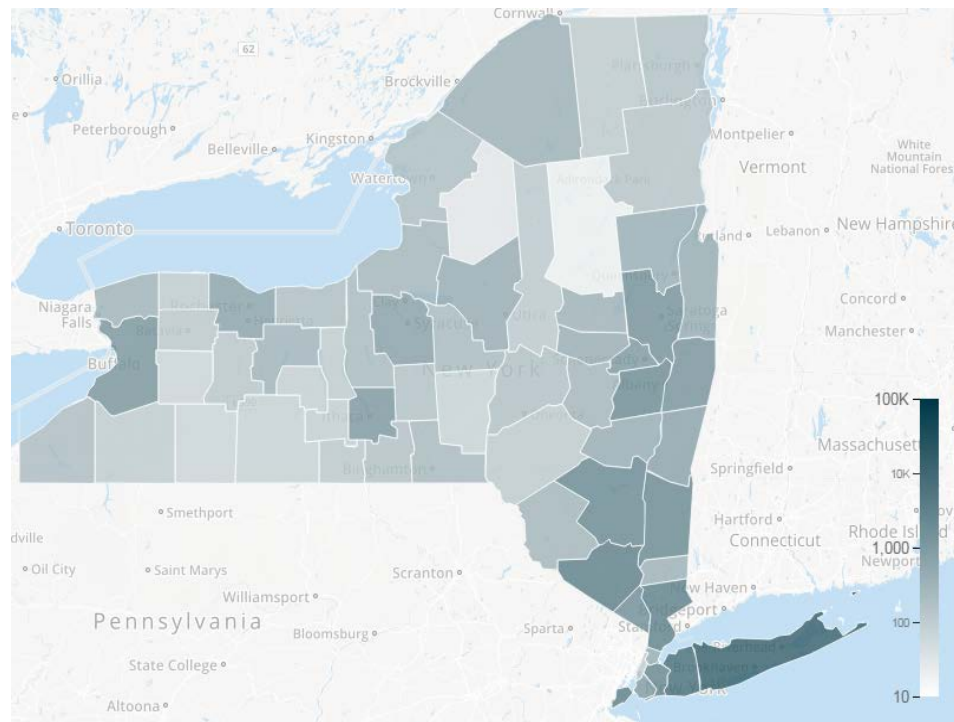
Municipalities can request NY-Sun technical assistance here

Solar in New York State: A Progress Report

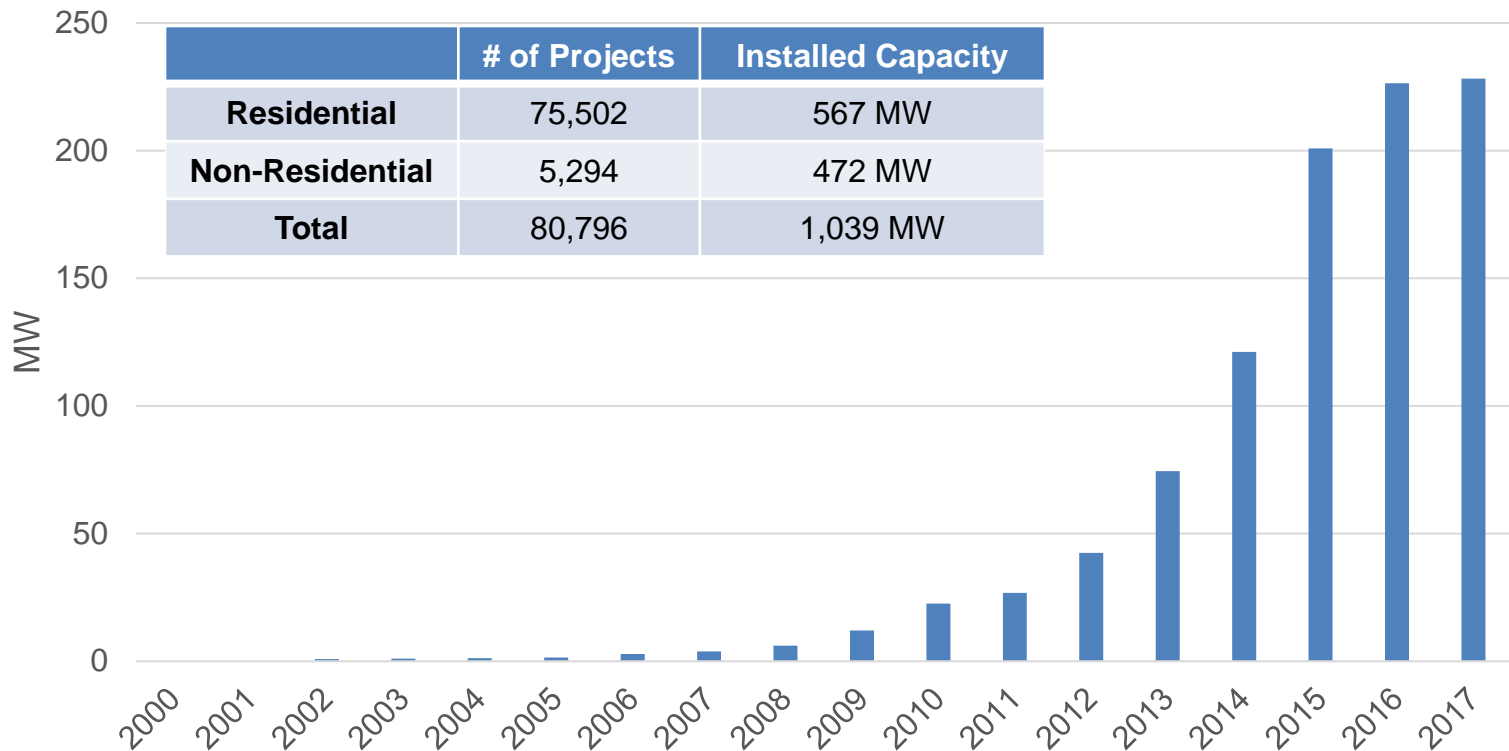
NY-Sun Program Progress to Date

Completions by County

- 1,039 MW installed statewide with NYSERDA support
 - 567 MW of residential PV (75,502 projects)
 - 472 MW of non-residential PV (5,294 projects)
- 998 MW currently in NY-Sun pipeline
- Installations all 62 counties and in 1,671 different zip codes



MW Installed Statewide by Year





Thank you

For additional questions, please contact me at:

solarhelp@nyserra.ny.gov