



NYSERDA

Navigating Solar in Your Community

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April 9, 2018

NY-Sun Initiative

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

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.

MW Block Redesign Highlights

•All Commercial Programs will include an incentive adder for landfills and brownfields

Small Commercial increases per project incentive from 200kW to 750kW

Rest of State Commercial & Industrial adds 270MW and increases incentive to \$0.25/W with accelerated Performance Based Incentive

ConEdison market will have canopy adders and Capacity Based Incentive

The New York Solar Guidebook and Technical Assistance for Local Governments

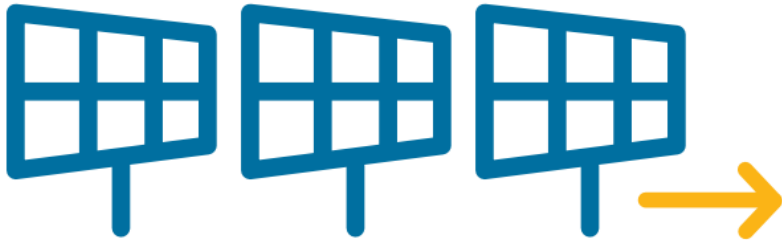
Community Solar in New York



Community Solar in New York



Community Solar: How it Works



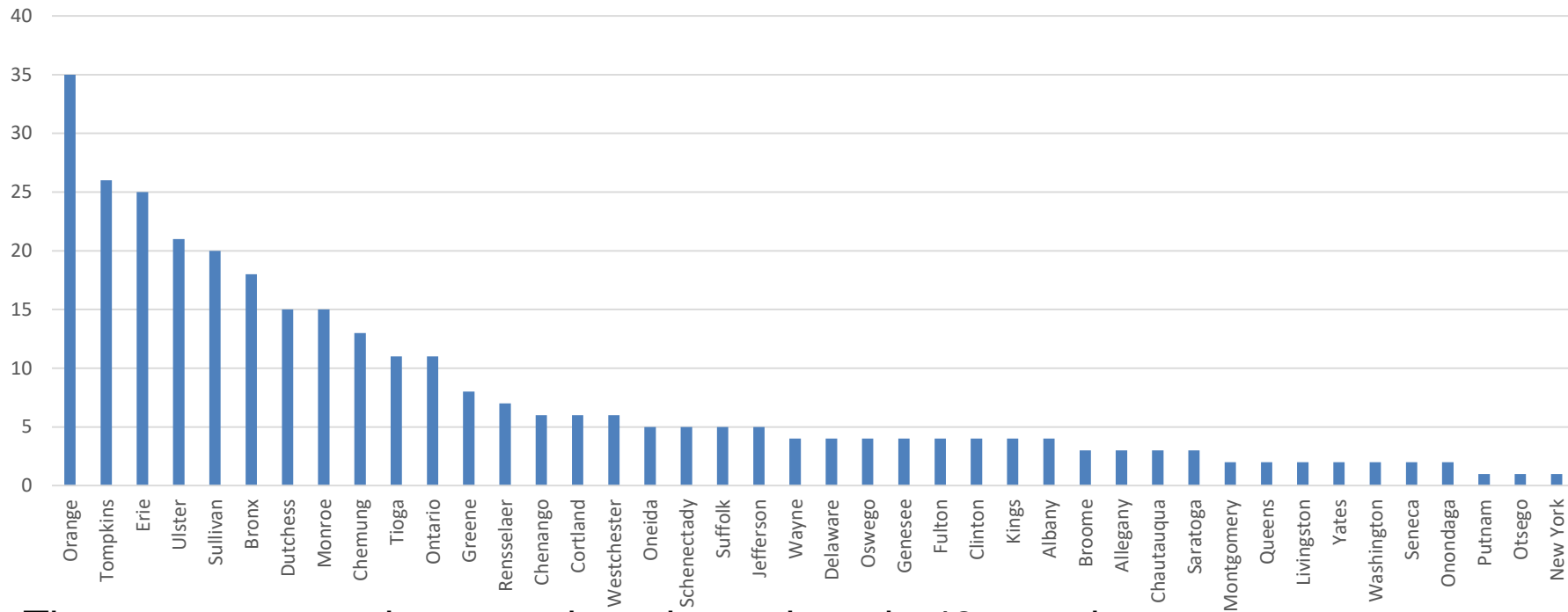
Solar electric panels are installed offsite in sunny locations to produce renewable energy for subscribing members.

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



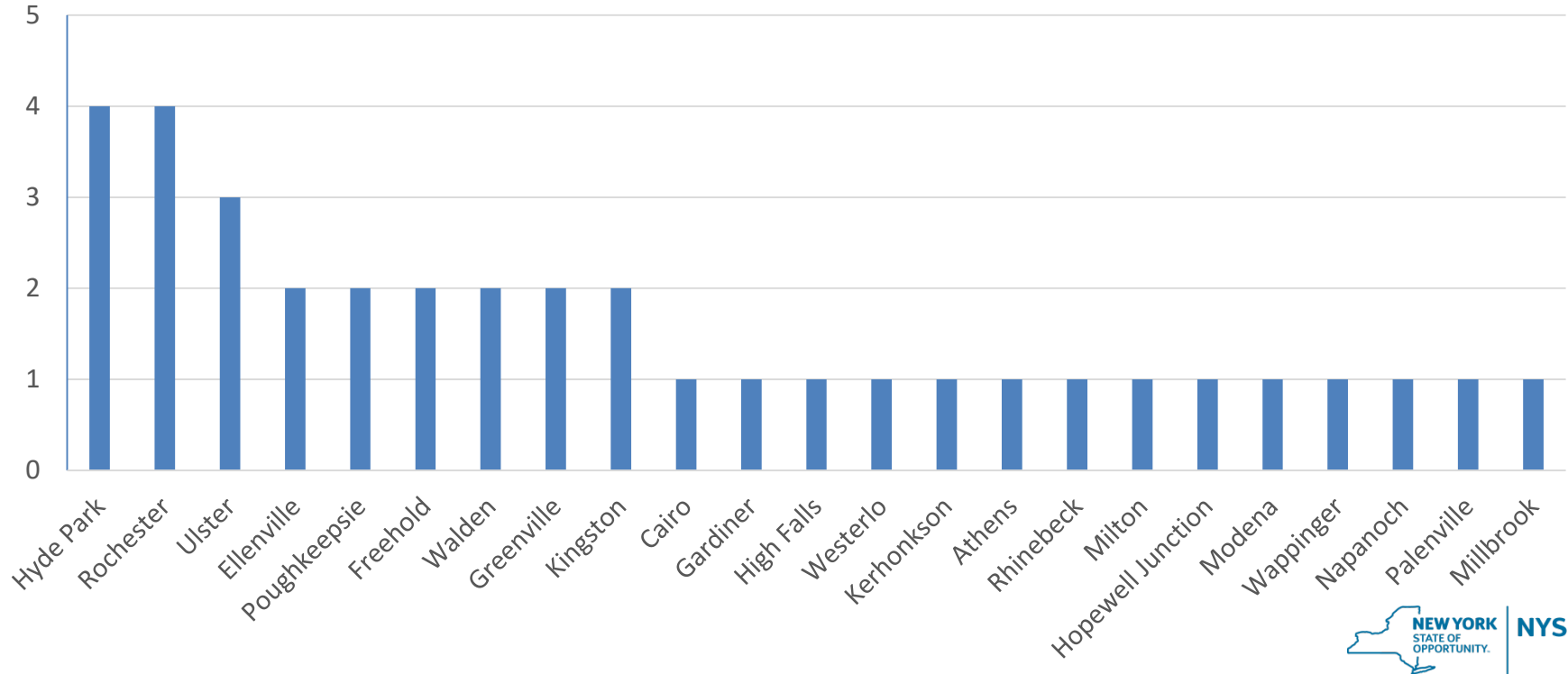
Each subscriber's utility bill is credited accordingly when excess energy is produced.

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

Number of Proposed CDG Projects in Central Hudson



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

New 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



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

Municipalities can request NY-Sun technical assistance here

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

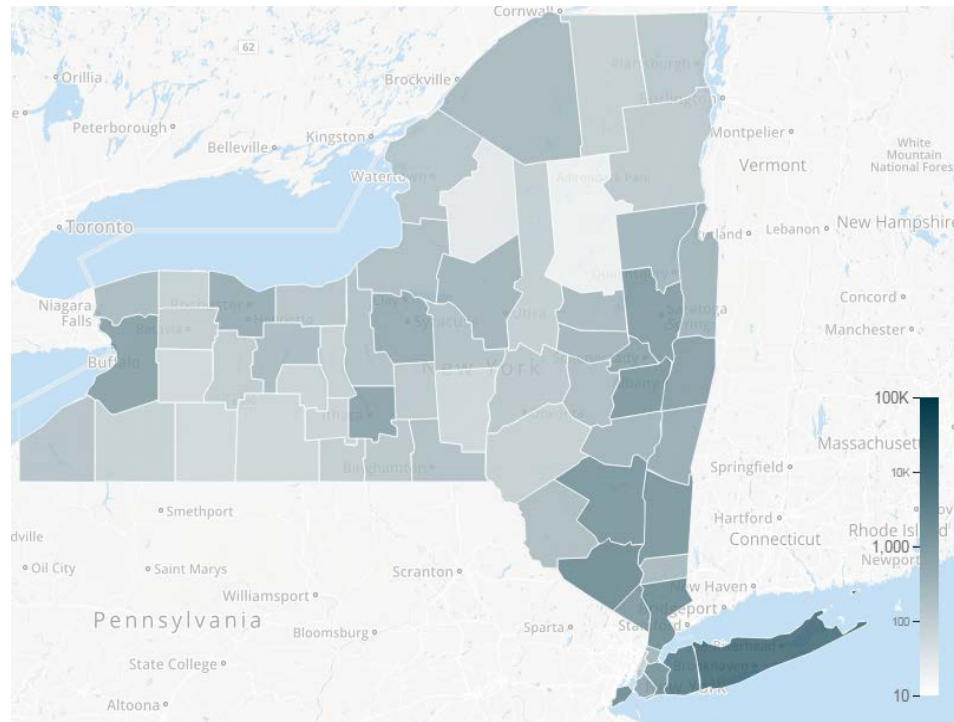
Individual chapters are available here

Solar in New York State: A Progress Report

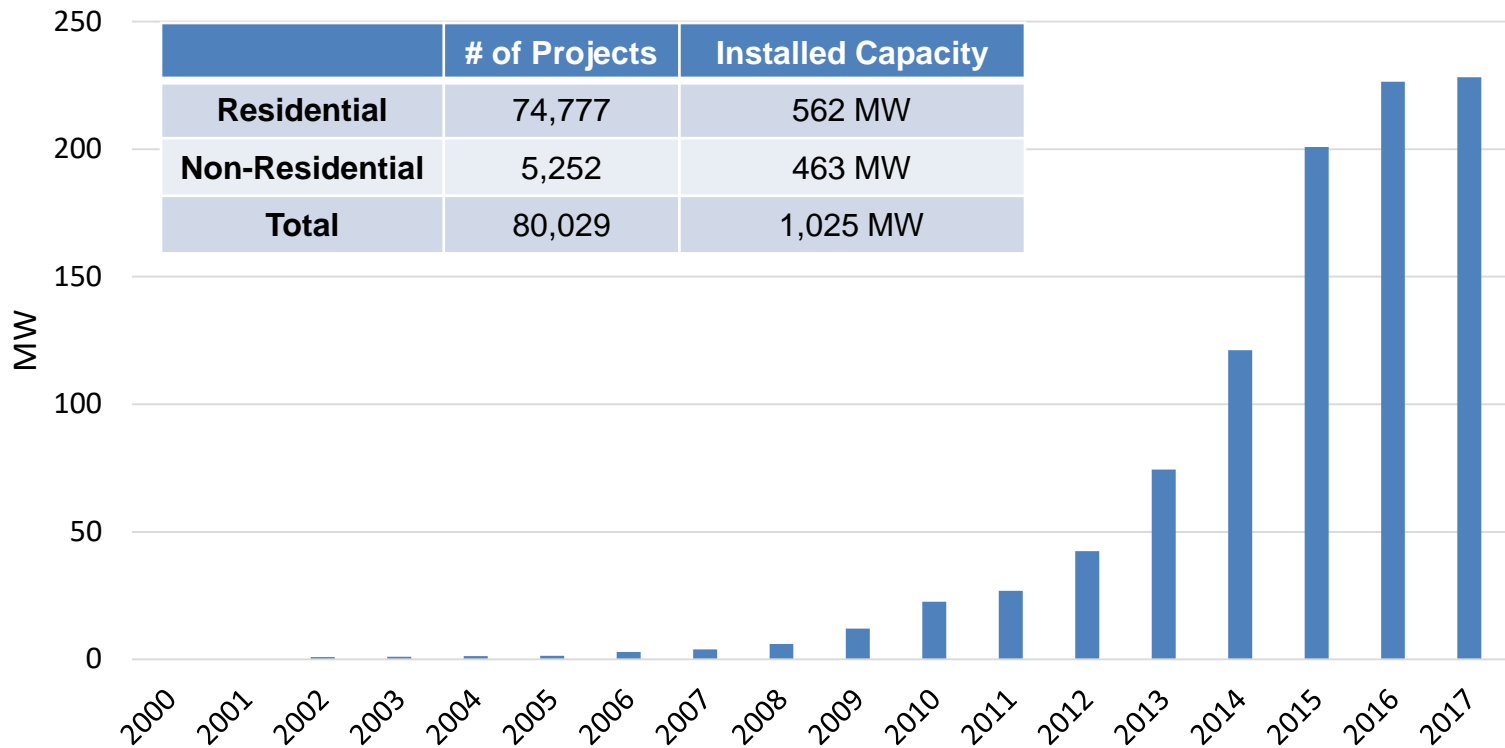
NY-Sun Program Progress to Date

Completions by County

- 1,025 MW installed statewide with NYSERDA support
 - 562 MW of residential PV (74,777 projects)
 - 463 MW of non-residential PV (5,252 projects)
- 1,064 MW currently in NY-Sun pipeline
- Installations all 62 counties and in 1,671 different zip codes

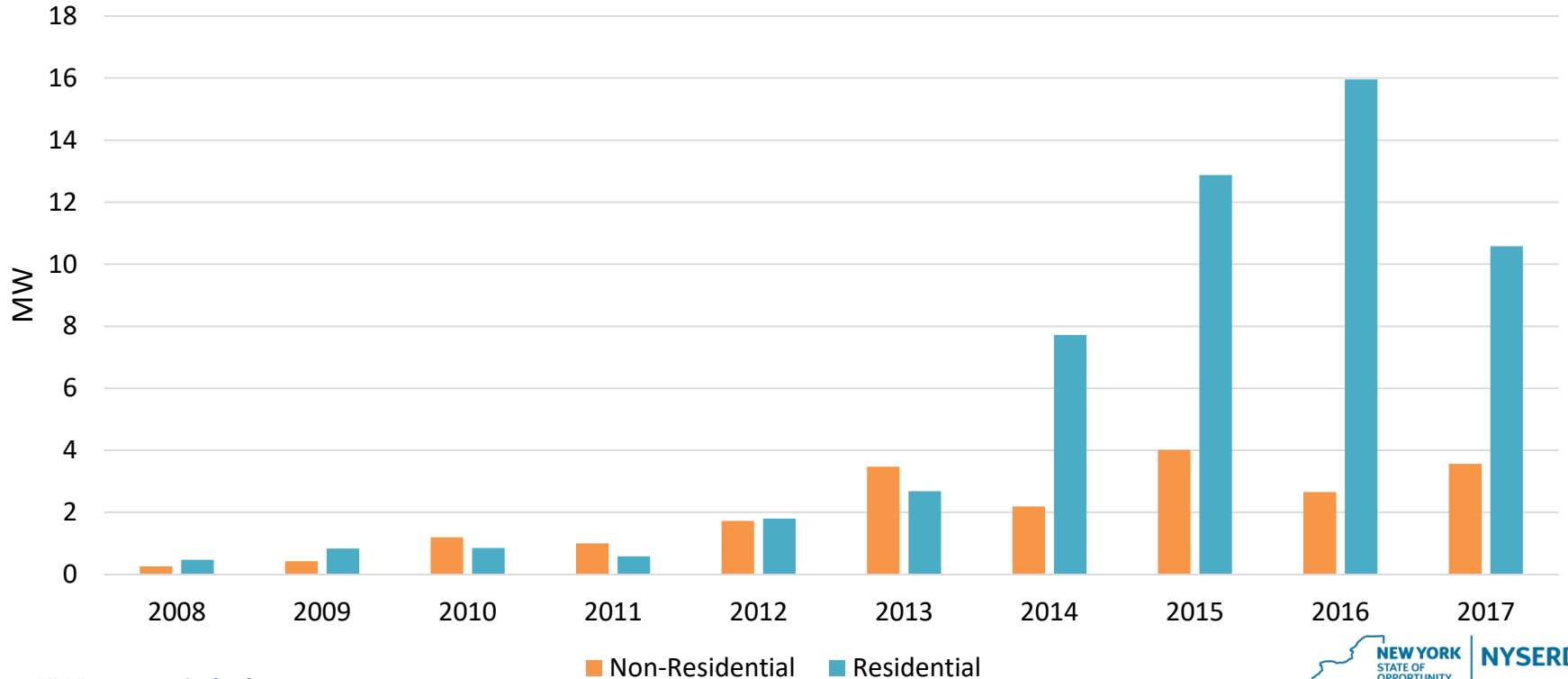


MW Installed Statewide by Year



	# of Projects	Installed Capacity
Residential	74,777	562 MW
Non-Residential	5,252	463 MW
Total	80,029	1,025 MW

MW Installed in Central Hudson by Year



OpenNY Data as of 3/21/18



Thank you

For additional questions, please contact me at:

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