



NYSERDA

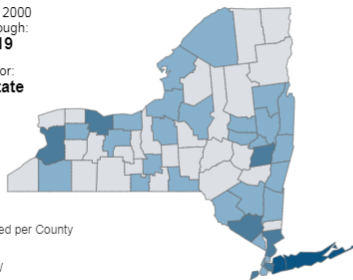
NY-Sun Solar in Affordable Housing

NY-Sun Background

- Launched in 2014 with target of 3 GW of solar installed through 2023
- Climate Leadership and Community Protection Act sets target of 6 GW through 2025
- 1.88 GW has been installed statewide through June 30, 2019

Data beginning 2000
and current through:
June 30, 2019

Showing Data for:
New York State

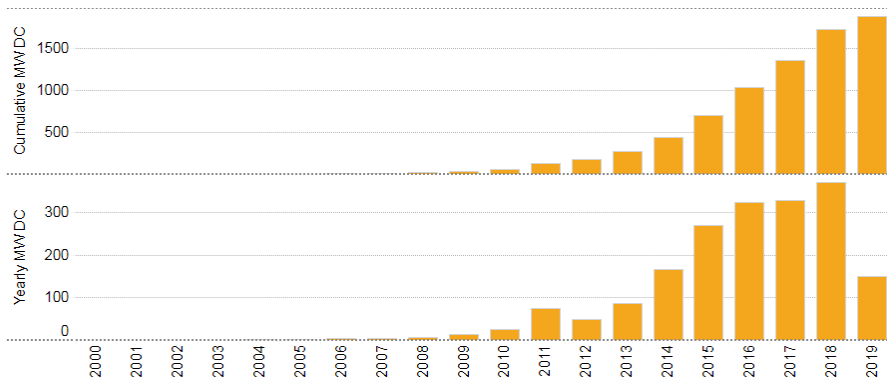


Total Capacity (MW DC)
1,880 MW

Number of Projects
122,508

Data Sources: NYS DPS, NYISO. Click icon for mor

Annual Trends (Completed Projects Only)



NY-Sun LMI Progress to Date

- Added rooftop solar incentives for affordable housing
 - 19 installations completed, 31 in pipeline (1.98 MW total)
- Predevelopment and technical assistance grants
 - 21 projects supporting solar for affordable housing and LMI community solar (26 MW total)
- No-cost community solar for low income households (Solar for All)
 - 9 community solar project contracted (6 operational), 3 committed to community benefits
 - ~2,200 participants have signed up, and ~900 have already received credits on their bills

Affordable Housing Added Incentive

- Multifamily Affordable Housing Added incentive increases the amount for nonresidential projects serving multifamily affordable housing properties
- Incentive: **\$.40/W** in the Con Edison region and **\$.30/W** in the Upstate region up to a nameplate capacity of **50 kW**
- Only projects sited on regulated affordable housing are eligible
- Subscribers may be located onsite or offsite (with additional requirements)
- Example: A 50 kW solar project in NYC would receive ~\$30,000 under current incentive structure. A qualifying project on multifamily affordable housing would receive an additional ~\$20,000 (~\$50k total) with adder

Affordable Housing Added Incentive

- Community Distributed Generation projects on eligible properties with offsite subscribers must meet one of the following conditions:
 - Demonstrate that no less than 40% of the project capacity will be dedicated to low-to-moderate income subscribers.
 - The eligible property must be owned by a public housing authority or nonprofit organization and demonstrate that no less than 20% of the project capacity will be dedicated to low-to-moderate income subscribers.
 - The eligible property must be owned by a public housing authority or nonprofit organization and demonstrate that no less than 20% of the project capacity will be dedicated to an eligible affordable housing building within the same affordable housing portfolio or development

Predevelopment and Technical Assistance

- PON 3414 – Affordable Solar Predevelopment and Technical Assistance (Predevelopment Program)
- Applications accepted from October 2016 – August 2018
- Provides grants up to **\$200,000** for the early stage development of projects serving multifamily affordable housing and/or community solar projects that benefit LMI households
- Eligible applicants:
 - Affordable housing providers
 - Community-based organizations
 - Municipalities
 - Technical service providers and solar developers



Predevelopment Program

- Projects must lead to the implementation and operation of solar installations on multifamily affordable housing or shared solar installations that will offer benefits to LMI households
- Projects funded by the program typically focus on securing and structuring financing, procuring services from developers, and some form of outreach to consumers
- Several of the NYC projects include a portfolio of properties, which seek to aggregate their purchasing power to lower costs
- All projects rely upon external sources of financing


Predevelopment Projects

- Akwesasne Housing Authority
- American Solar Partners and Electchester Housing
- Binghamton Regional Sustainability Coalition
- BlueSea Development Company at Matinecock Court
- Bright Power and Melrose Court Condominiums
- Bright Power and NYCHA Baychester Houses
- City of Utica
- Enterprise Community Ownership Initiative
- Fifth Avenue Committee Solar
- ICF and Saratoga Springs Affordable Housing Solar Initiative
- New Gospel Temple Bronx
- NYCHA ACCESSolar Initiative
- Riseboro Community Partners
- Solar One and JOE NYC
- Solar One and Co-Op City
- Solar One and Hunts Point
- Solstice Southern Tier
- Solstice Western New York
- Sustainable CUNY and NYCHA Commercial Solar Initiative
- UHAB Solar for HDFC Co-ops

Solar for All: Overview

- State-administered program that provides a utility bill assistance to eligible New Yorkers
- Save money through a free community solar subscription
- Gain access whether someone is a renter or a homeowner
- Similar to HEAP, credits appear on your electric utility bill

Solar for All: What A Customer Gets



Account Number: _____
 Statement Date: _____

Service Address: _____ Page 3 of 4
 NYSEG DETAILED ACCOUNT ACTIVITY

⚡ **Electricity Service - Residential Day-Night** Service from: 03/01/19 - 03/27/19
Electricity Rate - 12008 NYSEG Supply Service PoD ID: _____

Meter Number	Current Meter Read Date	Current Meter Read Reading	Previous Meter Read Date	Previous Meter Read Reading	Reading Difference	Billed Usage	Billing Period
_____	03/27/19	88385 E	03/01/19	87700 A	685	685 kwh	27 days
_____	03/27/19	49121 E	03/01/19	48680 A	441	441 kwh	27 days

Type of read: A - Actual, E - Estimate, C - Customer, R - Remote and N - No read

Period End Date	Prior Excess CDG Generation	Current CDG Generation	CDG Generation Applied	Remaining CDG Generation
03/27/19	0 kwh	817 kwh	817 kwh	0 kwh

Electricity Delivery Charges

Basic service charge				17.40
Delivery charge	1106 kwh	@	0.03595	39.76
Transition charge	1106 kwh	@	0.001849	2.04
Revenue decoupling mech	1106 kwh	@	0.001504	1.66
SBC charge	1106 kwh	@	0.005932	6.56
CDG generation credit	447 kwh	@		-36.95
Subtotal Electricity Delivery				\$30.47

Electricity Supply Charges

On-peak supply charge				24.13
Off-peak supply charge	441 kwh	@	0.03252115	14.34
Merchant function charge	1106 kwh	@	0.002721	3.01
CDG generation credit	370 kwh	@		-30.65
Subtotal Electricity Supply				\$10.83

Electricity Taxes and Surcharges

- Monthly credits on their electric bill from solar energy
- No change to the utility provider, service, or supplier
- Save \$5-15 a month
- No upfront costs, fees, or payments to participate
- Does not affect any existing benefits that you have
- Free cancellation at any time

How Solar for All Works



NY-Sun

1



Solar panels are installed at a site in your community.

2



The clean energy is then fed into the local power grid.

3



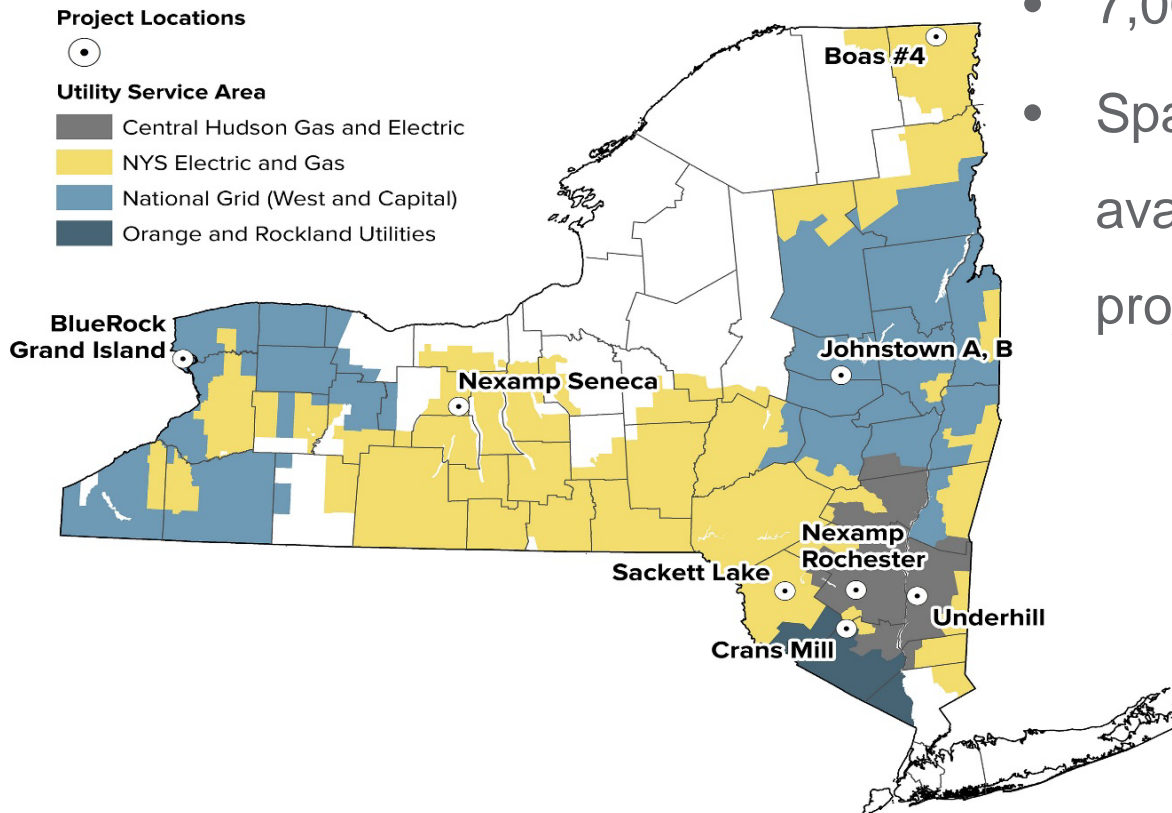
You continue to get electricity from your utility, with no need to install or maintain panels on your home or property.

4



As a program participant, you receive credits on your electric bill at no cost to you.

Solar for All: Projects



- 7,000 total spots
- Space is still available in each project

Thank You

For further information please visit our website:

<https://www.nyserda.ny.gov/All-Programs/Programs/NY-Sun>

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