

Solar Electric Programs Reported by NYSERDA: Beginning 2000

Overview

General Description

The NY-Sun initiative, a dynamic public-private partnership, aims to drive growth of the solar industry and make solar technology more affordable for all New Yorkers. Since Governor Andrew M. Cuomo launched NY-Sun, a total of 1 GW of solar photovoltaic has been installed or is under contract for installation, which represents more solar photovoltaic than was installed in the entire prior decade. In his 2013 State of the State address, Governor Cuomo announced that the initiative would extend to 2023. Nearly \$1 billion in funding has been authorized over 10 years to meet a statewide target of three gigawatts of installed capacity.

The dataset includes information from several distinct NYSERDA-funded programs, including:

- The 200kW or Less Residential/Non-Residential Solar Photovoltaic Incentive Program, which provides incentives for the installation of new grid-connected photovoltaic systems (PV) up to 25 kW for the residential sector and 200 kW for the Non-Residential sector (such as large multi-unit, school, nonprofit, or governmental buildings). Incentives are available to qualified New York State customers who install solar PV systems through applications submitted by an eligible Contractor and Builder. Program incentives are paid directly to the Eligible Contractor but are passed on in full to the customer. An [interactive map available on the NY-Sun Initiative website](#) can be used to find Eligible Contractors.
- The NY-Sun Incentive Program offers performance-based incentives for new grid-connected solar photovoltaic (PV) systems greater than 200 kW (Commercial/Industrial facilities) that offset use of grid-supplied electricity.
- The Competitive Bid program is a legacy program that provided incentives for Commercial and Industrial projects over 200 kW. This program is no longer accepting new applications, but includes completed projects, and pipeline projects that are currently under development.

The interactive map at <https://www.nyserda.ny.gov/All-Programs/Programs/NY-Sun/Data-and-Trends> provides information on solar photovoltaic (PV) installations supported by NYSERDA throughout New York State since 2000 by county, region, or statewide. Updated monthly, the graphs show the number of projects, expected production, total capacity, and annual trends.

Data Collection Methodology

The Solar Electric Programs Reported by NYSERDA dataset includes the following data points for completed and pipeline (not yet installed) solar electric projects supported by NYSERDA throughout New York State beginning December 2000: Project number, city, county, state, zip code, sector, program type, solicitation, electric utility, purchase type, date application received, date completed, project status, contractor, primary inverter manufacturer, total inverter quantity, primary inverter model number, primary PV module manufacturer, total PV module quantity, primary PV module model number, project cost, incentive amount, total nameplate capacity, expected annual kilowatt-hour production, remote net metering, affordable solar, community distributed generation project and Green Jobs-Green New York participant.

Projects which have no completed date represent pipeline projects. The pipeline projects are intended to be used for informational purposes only to assist in viewing upcoming activity in the market place. Pipeline projects are not completed projects and are in various stages therefor are subject to change or cancel. Contractor data is not provided for Pipeline projects, except for Community Distributed Generation projects.

Statistical and Analytic Issues

Blank cells represent data that were not required or are not currently available. Contractor, Primary Inverter Manufacturer, Total Inverter Quantity, Primary Inverter Model Number, Primary PV Module Manufacturer, Total PV Module Quantity data, and Primary PV Module Model Number are unavailable for certain legacy projects in the PSEG Long Island Electric Utility territory at this time and those cells are blank. Pipeline projects are subject to change. Contractor data is not provided for Pipeline projects, except for Community Distributed Generation projects.

Limitations of Data Use

With the exception of projects completed in the PSEG Long Island Electric Utility territory, installed PV projects that were funded with American Recovery and Reinvestment Act (ARRA) and Solar Power Naturally are not included in this dataset due to missing pertinent data points and lack of detail.

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