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New York State Energy Research and Development Authority

Open NY:
Programs and tools that provide public access to NYSERDA digital data

Data is an essential part of the world we live in. Data has the power to inform decisions, improve processes, and shape factual based opinions. Here's a quick look inside data that NYSERDA gathers and reports through the State's Open NY initiative. Not familiar with Open NY? Read on!

Ten years ago New York State agencies and authorities were directed to identify, catalog, and publish their data on [Open NY](), the State's open data website administered by the Office of Information Technology Services (ITS). Executive Order 95 (E.O. #95) provided New Yorkers with access to government data and information.

The Open NY initiative was born. The award-winning website is a hub for one-stop access to information. It helps all of us better understand what is happening in New York State.
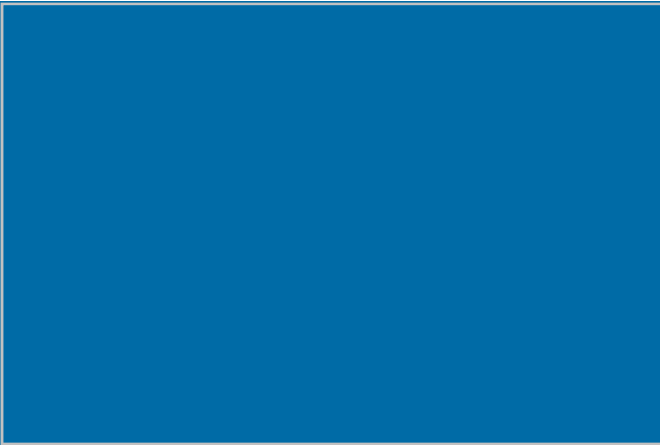
Open NY increases transparency, improves government performance, and empowers New Yorkers to participate in government programs. With data continually being added and expanded upon, Open NY also encourages research and economic opportunities statewide. ITS leads the Open NY initiative and is guided by its mission to ensure New York State:

- Proactively releases publishable State data and makes it freely available in accessible formats for the public to use and consume.
- Publishes high-quality datasets with metadata and documentation to promote greater understanding.
- Continuously publishes and updates State data to foster discovery and trust.

NYSERDA and Open NY

Did you know that NYSERDA participates in Open NY? NYSERDA publishes raw, underlying data for people who want to do their own analysis.

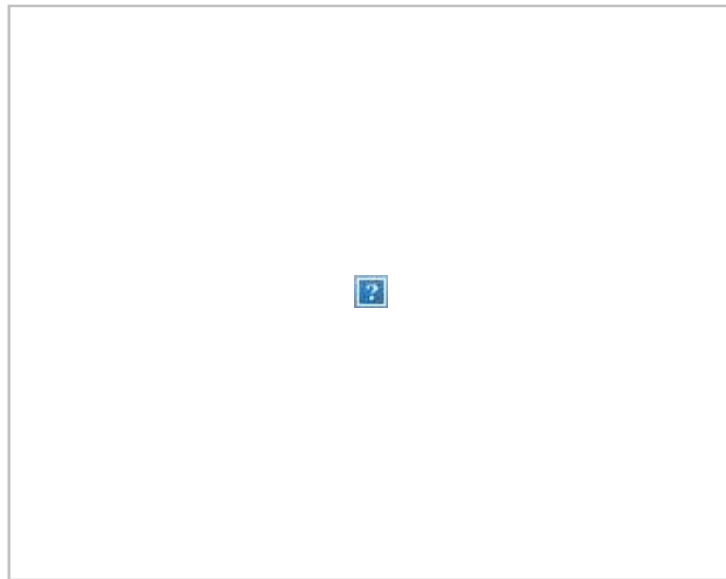Additionally, NYSERDA publishes interactive dashboards and maps on its websites to tell the data story.

Here's how it works:

1. Visit data.ny.gov and click the "Energy and Environment" tile.
2. To filter for NYSERDA's catalog items, scroll down to the "Agencies & Authorities" section in the left panel, select "Show All…", and choose "Energy Research and Development Authority" to see the projects and data NYSERDA gathers and reports on.
3. Select one and take a look.

Community Solar: An Interactive Map

A great example of how data is gathered, updated, and used visually is NY-Sun, which drives growth in the solar industry and makes solar technology more affordable to all New Yorkers. The dataset includes information on completed and pipeline (not yet installed) solar electric projects supported by NYSERDA. Solar energy is a key component of the 2019 Climate Act.

At Open NY you can get a look at two interactive maps that accompany the data sets. One map shows projects that received funding through NYSERDA since 2000. The other illustrates community solar projects funded through NY-Sun.

Community solar data map as of November 5, 2023.

Find a Community Solar Project

Research, Explore, and Ask Questions.

The more you know about clean energy, the better equipped you will be to make informed energy decisions. If you're curious about energy-related data, be sure to visit Open NY. You'll find information on topics as diverse as electric vehicle rebates, energy storage incentive programs, propane prices by region, even average home heating oil prices.

Access data from over 1,200 live distributed energy resource projects in New York State.

Learn More

Explore this NYSERDA site that aggregates all types of current and historical energy prices and weather data.

See Energy Prices

This comprehensive data dashboard list offers "filter and focus" options for energy programs and market sectors.

View Dashboard

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About NYSERDA
NYSERDA, a public benefit corporation, offers objective information and analysis, innovative programs, technical expertise, and support to help New Yorkers increase energy efficiency, save money, use renewable energy, and reduce reliance on fossil fuels. NYSERDA professionals work to protect the environment and create clean energy jobs. NYSERDA has been developing partnerships to advance innovative energy solutions in New York State since 1975.