



# USA New York purchases energy storage project

How much energy storage does New York have in 2024?

As of April 1, 2024, New York has awarded about \$200 million to support approximately 396 megawatts of operating energy storage in the state. There are more than 581 megawatts of additional energy storage under contract with the State and moving towards commercial operation.

Will New York achieve 6 gigawatts of energy storage by 2030?

Governor Kathy Hochul today announced that the New York State Public Service Commission approved a new framework for the State to achieve a nation-leading six gigawatts of energy storage by 2030, which represents at least 20 percent of the peak electricity load of New York State.

Where will a battery energy storage system be built in New York?

The New York State Public Service Commission (PSC) gave its approval earlier this month for the battery energy storage system (BESS) to be built in Brookhaven, a town in New York's Suffolk County by Holtsville Energy Storage.

What does Ace NY say about energy storage in New York?

Alliance for Clean Energy Director of Membership Services & Policy Analyst New York Kyle Rabin said, "ACE NY applauds Governor Hochul, the New York State Public Service Commission, and NYSERDA on this important step to achieving a greater deployment of energy storage across the state."

What is New York's energy storage roadmap?

The roadmap is a comprehensive set of recommendations to expand New York's energy storage program to cost-effectively unlock the rapid growth of renewable energy across the state and bolster grid reliability and customer resilience.

How many mw can a New York battery storage facility hold?

When built, the facility will be able to hold up to 100 megawatts (MW) and power over tens of thousands of households. Once completed, the project will be amongst the largest battery storage installations in New York State.

Key Capture Energy, an energy storage developer located in Albany, N.Y., announced the electrification of its third New York utility-scale storage project, the 20 MW / 45.6 MWh KCE NY 6 project, located several ...

Energy storage resources are becoming an increasingly important component of the energy mix as traditional fossil fuel baseload energy resources transition to renewable energy sources. There are currently 23 states, plus the District of Columbia and Puerto Rico, that have 100% clean energy goals in place. Storage can play a significant role in achieving these goals ...



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Reliable Power for Staten Island: Swiftsure will be capable of storing enough energy to power 500,000 homes - more than the total number of residences on Staten Island. Our project will make sure that New York's ...

The Long Island Power Authority (LIPA) has approved 79 MW and 50 MW battery storage projects in Suffolk County, New York state. It is granting Key Capture Energy capacity and dispatch rights...

New York Gov. Kathy Hochul, D, has issued nearly \$15 million in funding to four long-duration energy storage demonstration projects, the New York State Energy Research and Development...

The New York Public Service Commission, however, issued an order adopting an energy storage roadmap for the state and setting the 6 GW goal. Utilities frequently propose new storage deployment, even in states and regions where legislative mandates are not in place, ...

The developer delivered New York State's first-ever grid-scale battery storage system, KCE NY 1, which was commissioned in 2019. That 20MW system was also the first project to benefit from state-level incentives through a programme from the New York State Energy Research and Development Authority (NYSERDA).

Once completed, the project will be largest battery storage installation in New York City and one of the largest in New York State, and it alone will meet one-fifth of the city's 500MW near-term goal for citywide ...

Form Energy announced that it has been awarded a \$12 million grant from the New York State Energy Research and Development Authority (NYSERDA) to accelerate the deployment of a 10 megawatt / 1000 megawatt-hour iron-air battery system in New York State. Expected to come online by 2026, the project will demonstrate the value of multi-day energy ...

Don't let inexperience and a lack of projects frustrate your investment in energy storage. Sourcing a pipeline of high quality energy storage projects can be difficult, but we've built a platform across the US. Investors are looking to acquire energy storage projects using robust energy storage technologies.

New York State's "Renewable Optimization and Energy Storage Innovation Program" is dedicating \$5 million to support long duration energy storage (LDES) projects, ...

As of April 1, 2024, New York has awarded about \$200 million to support approximately 396 megawatts of operating energy storage in the state. There are more than ...

Houston, TX - August 8, 2024 - Catalyze, a fully integrated developer and Independent Power Producer (IPP) of distributed renewable energy assets, today announced the launch of its first standalone Battery Energy Storage System (BESS) project in the Bronx, New York. This is one of the first megawatt-scale BESS projects to be completed and ...



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The Port Authority of New York and New Jersey and the New York Power Authority have enlisted oil and gas major TotalEnergies to build and operate the solar and storage project at JFK airport. The solar carport will have 12MW of solar power and 7.5MW of BESS though a MWh figure was not revealed.

Energy storage systems in New York City are thoroughly regulated, with oversight from the safety industry, federal, state, and . ... In addition to equipment approvals, FDNY has a site-specific approval process for each project. The NYC Fire Code has an entire section (608) devoted to Stationary Energy Storage Systems. ...

New York is aiming to reach a zero-emission electricity sector by 2040. Image: Con Edison. The plan which will guide New York to its 2030 energy storage target has been approved, while competitive ...

NYSERDA Support Enables Projects Essential for New York's Zero-Emission Targets. Albany, NY - Nov. 29, 2021 - Key Capture Energy, LLC (Key Capture Energy), a leading U.S. energy storage independent power producer, has started construction of KCE NY 6, a 20 megawatt (MW) energy storage project located outside of Buffalo. This project was enabled by ...

In June 2024, New York's Public Service Commission expanded the goal to 6,000 MW by 2030. Storage will increase the resilience and efficiency of New York's grid, which will be 100% carbon-free electricity by 2040. Additionally, energy ...

A study last year found that renewable energy, energy efficiency and energy storage can be used to effectively retire New York City's 6GW of peaker plants by 2030. A few weeks ago, Energy-Storage.news reported on private equity investment firm ArcLight announcing that its portfolio of legacy power plants are now viewed as excellent locations ...

After years of regulatory proceedings and planning, and following the New York Public Service Commission (the "PSC")'s June 2024 Order Establishing Updated Energy Storage Goal and Deployment Policy (the "June ...

In partnership with Binghamton University, NY-BEST is leading the effort to catalyze rapid growth in the energy storage industry through the NENY Supply Chain Project through this comprehensive database of NY companies that are engaged in producing materials, components, and sub-assemblies and/or performing services in support of production of batteries, battery ...

As of February 2025, twelve states have energy storage targets, the largest of which is New York with a goal of 6,000 MW by 2030. In mid-2024, lawmakers in Rhode Island ...

The RES Top Gun Energy Storage project is a 30-MW/120 MWh lithium-ion battery energy storage system located in San Diego, California. The project was developed by RES Group and is owned and operated by San

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The thermal energy storage battery storage project uses others storage technology. The project was announced in 2017 and will be commissioned in 2024. 2. Morro Bay Battery Energy Storage System. The Morro Bay Battery Energy Storage System is a 600,000kW lithium-ion battery energy storage project located in Morro bay, California, the US.

A NineDot community-scale BESS project in the Bronx borough of New York City. Image: Ninedot Energy. A 110MW/440MWh battery storage project in New York has been given the green light by regulators, ahead of the ...

The 20-year contracts will provide the utility capacity and dispatch rights from two lithium-iron-phosphate batteries in Suffolk County, which will be designed to help enhance the reliability of the Long Island power grid, the energy storage developer said.

Energy storage will play an increasingly significant role in helping to meet New York's electric system needs. This includes peak load reduction, renewable firming and time shifting, carbon reduction, and increased resilience. To further New York's Clean Energy Standard requirements of 50% renewable generation by 2030 and a 40% reduction

It is the first utility-scale battery energy storage project in the state and the Power Authority's first utility-scale battery project. The storage plant consists of five 53-foot walk-in ...

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