

A-Core Container

Energy Storage Station Upgrade



Overview

Energy storage is essential to a resilient grid and clean energy system. Learn about the types of energy storage, available incentives, and more.

How will a 100MW battery energy storage system work?

The facility will serve as a large-scale battery energy storage system capable of charging from, and discharging into, the New York power grid. When fully functional, the 100MW battery energy storage project will be able to discharge electricity to the grid particularly during peak demand.

How has energy storage changed over the past decade?

Deployment of energy storage across the U.S. has increased significantly in the past decade, mostly driven by individual state and local government policies to support acceleration of renewable energy resources for a more robust, reliable, and resilient grid.

What is New York state's energy storage plan?

New York State aims to reach 1,500 MW of energy storage by 2025 and 6,000 MW by 2030. Energy storage is essential for creating a cleaner, more efficient, and resilient electric grid. Additionally, these projects will provide meaningful benefits to Disadvantaged Communities and Low-to-Moderate Income New Yorkers.

How will energy storage affect New York's energy grid?

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 storage can stabilize supply during peak electric usage and help keep critical systems online during an outage.

What is a battery energy storage system (BESS)?

Elevate's battery energy storage systems (BESS) will assist the integration of large amounts of offshore wind and other intermittent resources, provide grid-

supporting services, redefine grid management, and enhance resiliency in the ISO New England region and nationwide.

Where is elevate renewables developing a utility-scale energy storage facility?

Elevate Renewables is developing a utility-scale energy storage facility at the Essex Generating Station located 5 miles from New York City in Newark, New Jersey. Elevate Renewables is developing a utility-scale energy storage facility at the Sewaren Generating Station located less than 1 mile from New York City near Woodbridge, NJ.

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Contact Us

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