

ContainerPower Energy Solutions

Private energy storage power station



Overview

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.

Should energy storage be included in the electric grid?

Integrating storage in the electric grid, especially in areas with high energy demand, will allow clean energy to be available when and where it is most needed. As New York continues to invest and build a cleaner grid, energy storage will allow us to use existing resources more efficiently and phase out the dirtiest power plants.

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.

Why is energy storage important?

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. Energy storage is essential to a resilient grid and clean energy system.

What are the benefits of a residential storage system?

Residential storage: Primarily used for home resiliency to deliver back-up power, these systems can also shift energy consumption to off-peak hours and integrate home solar for a low-cost clean energy supply. Residential storage

systems can be eligible for Inflation Reduction Act tax credits.

What is redeveloping the Ravenswood Generating Station?

We are working to redevelop the Ravenswood Generating Station as a new renewable energy hub and a Renewable Ravenswood. This project will help New York State and New York City achieve their nation-leading climate goals, in historically disadvantaged communities.

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