Battery Energy Storage Power Station Peak and Valley

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.

What is the capacity of the battery storage project?

The 15 MW/60 MWh distribution-level project will help provide more renewable power by replacing existing generation planned to retire in 2025. Once completed, the project will be the largest battery storage installation in New York City.

Will New York City's largest battery storage facility replace a natural gas peaker?

New York City's largest battery storage facility will replace a natural gas peaker plant unit retiring in 2025.

What is the location of the battery storage project?

ArcLight Capital Partners ("ArcLight") and Elevate Renewables ("Elevate"), a leading battery storage developer, today announced a milestone battery storage infrastructure project at the Arthur Kill Power Station in Staten Island, NY.

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.

What is elevate battery storage?

(Elevate is a wholly owned subsidiary of a fund managed by ArcLight.) The battery storage, which will replace the 20 MW NRG Arthur Kill GT1 peaker plant unit retiring in 2025, will store power during non-peak hours and discharge power during peak demand periods, helping to maintain grid stability and resiliency.

Battery Energy Storage Power Station Peak and Valley

Contact Us

For catalog requests, pricing, or partnerships, please visit:
https://drugiswiatowykongrespolakow.pl