

SolarTech Power Solutions

Solar supporting energy storage in city square

System Topology



Overview

What are the benefits of solar and energy storage?

Bulk storage: These grid-connected storage projects enable increased integration of renewable energy sources while ensuring a resilient and reliable power supply when and where it's needed most. Learn about the benefits of pairing solar and energy storage and incentives available for installing a system at your home.

Are battery energy storage systems regulated in New York City?

Battery energy storage systems in New York City are rigorously regulated, with oversight from the safety industry, federal, state, and local authorities. All code, location, spacing, and other local requirements must be met.

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.

How many MW of solar power will the city install?

The City has established a goal of installing 100 Megawatts (MW) of solar photovoltaic (PV) on City-owned buildings by the end of 2030, and 150 MW by the end of 2035, as set forth by Local Law 99 of 2024.

How many solar projects are there in 2024?

As of 2024, the Clean Energy Program has over 40 MW of solar PV projects in progress, and 30.5 MW of completed installations. These installations encompass traditional rooftop solar to more innovative applications including solar canopies at parking lots, garages, and wastewater treatment plants, as well as combined solar plus storage projects.

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.

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