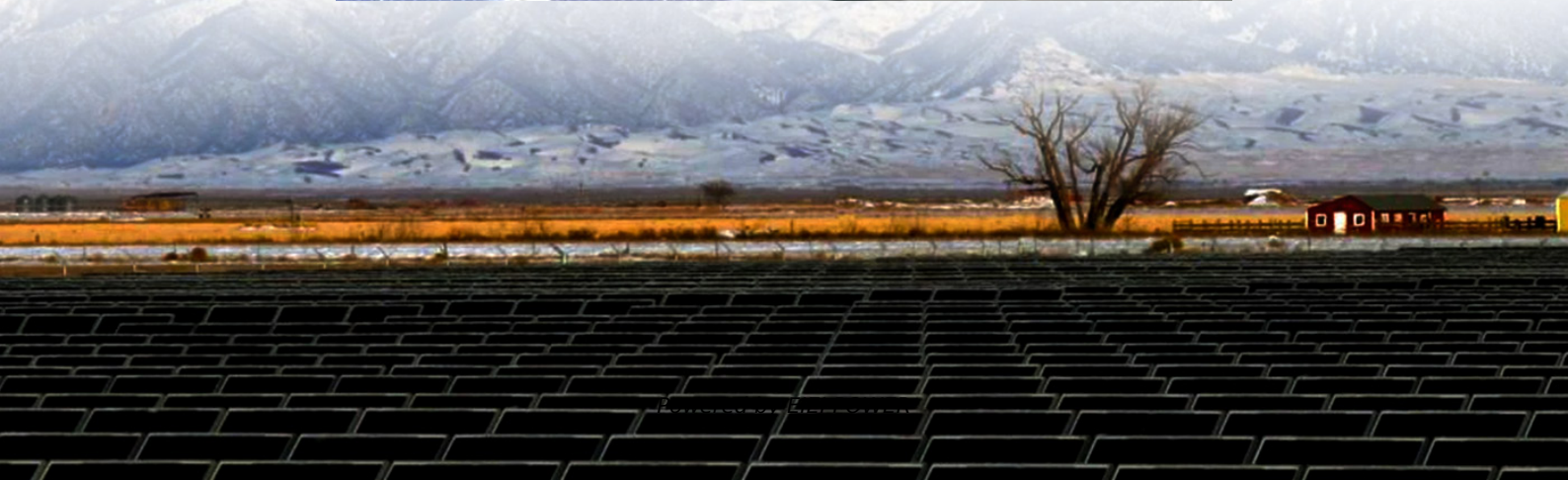


Off-grid energy storage power station on rooftop in New York USA





Overview

What is an off-grid energy storage system?

Off-grid energy storage systems are used in localities that are far away from populated areas or cities and not connected to any electricity grid. Carbon emissions from the country's main electricity grid have risen since the end of the carbon tax by the largest amount in nearly eight years.

What is the largest rooftop solar array in New York City?

It will feature the largest rooftop solar array in New York City and on any airport terminal in the United States. The array will consist of around 13,000 solar panels, covering roughly 370,000 square feet, or six and half football fields.

Can rooftop solar panels be used at airports?

Rooftop solar arrays on U.S. airports have been relatively rare given strict requirements for glare mitigation, making this project an important use case for future on-site renewables at U.S. airports.

How many solar panels will a new terminal one microgrid have?

The array will consist of around 13,000 solar panels, covering roughly 370,000 square feet, or six and half football fields. The microgrid's construction launch, announced during Climate Week, is led by AlphaStruxure, the New Terminal One's EaaS partner.



Off-grid energy storage power station on rooftop in New York USA



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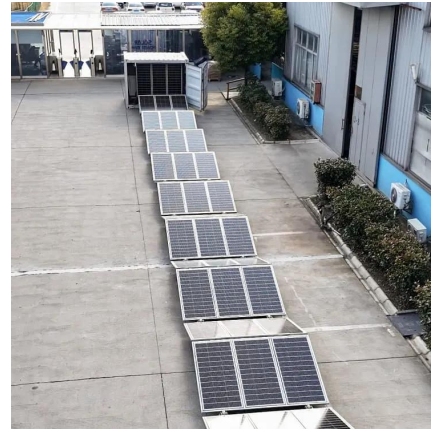
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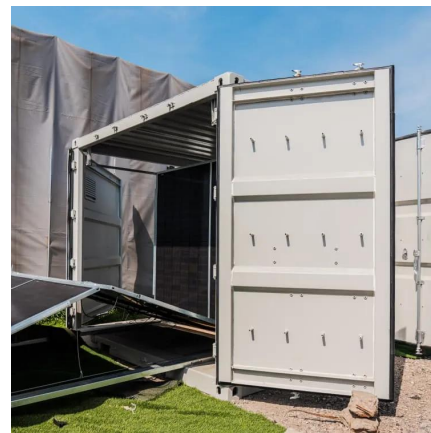
Energy Storage for New York State

Smart, affordable, and resilient: New York State is investing in energy storage systems to help modernize the electric grid and reduce carbon emissions.



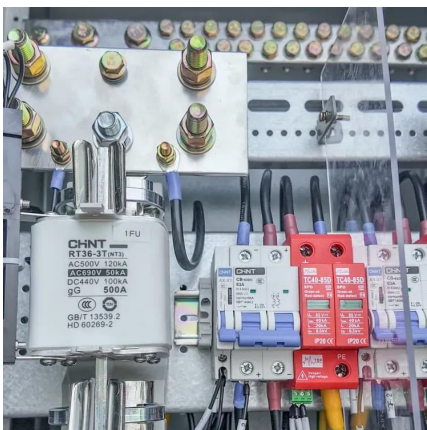
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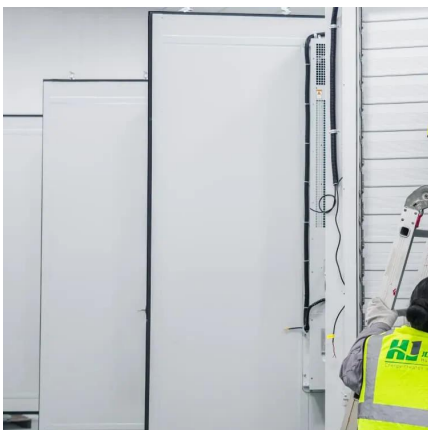


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