

Solar power generation and energy storage equipment of a New York company in the United States





Overview

What is New York State's largest onsite solar generating and storage system?

New York, April 23, 2024 – TotalEnergies has begun construction of New York State's largest onsite solar generating and storage system at John F. Kennedy (JFK) International Airport in partnership with the Port Authority of New York and New Jersey (PANYNJ) and the New York Power Authority (NYPA).

How much energy is stored in the United States?

According to Wood Mackenzie, there is 83 GWh of installed energy storage capacity in the United States, including nearly 500,000 distributed storage installations. Current forecasts show that U.S. storage capacity is expected to reach 450 GWh by 2030, falling short of the capacity required to support our nation's energy needs.

Will JFK's solar carport save energy?

To be erected as a canopy in one of JFK's long-term parking lots, the solar carport will generate around 12 megawatts (MW) of onsite power paired with an additional 7.5 MW of battery storage to help reduce airport energy use during peak periods.

Will US storage capacity reach 450 GWh by 2030?

Current forecasts show that U.S. storage capacity is expected to reach 450 GWh by 2030, falling short of the capacity required to support our nation's energy needs. The whitepaper calls on states, regional transmission organizations, and the federal government to take action to accelerate storage deployment and manufacturing. These actions include:



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