



# Sunshine power generation and energy storage

What is Sunshine energy's new battery storage station?

The battery storage station will use Sunshine Energy's own patented lithium-based battery technology called SEA-Power(SEAP). Each SEAP unit will comprise a 4MW battery storage and battery management system (BMS), fire suppression equipment, thermal management system, switchgear, and uninterruptible power source (UPS).

How much does Sunshine Energy Australia cost?

Sunshine Energy Australia is developing the combined solar PV and battery storage project with an estimated investment of A\$2.5bn (\$1.77bn). The project received development approval in November 2018, while the ground-breaking ceremony was held in February 2019.

How does the Fox Hills Energy Storage System work?

You may also receive emails and/or texts, based on your notification preferences. The Fox Hills energy storage system, which is located next to our substation in the Rosebank neighborhood of Staten Island, furthers our clean-energy goals by storing 7.5 MW /30 MWh of energy, including from renewable sources, such as solar and wind.

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.

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.

When did the Fox Hills energy storage system go into service?

The Fox Hills energy storage system went into service on August 20, 2023. Con Edison worked closely with the FDNY and City agencies to ensure that the system adheres to the strictest safety and code requirements. Our system at Fox Hills has advanced multi-level protections and is monitored by two control centers around the clock.



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