



Atlantic Electric Energy Storage System

Where is Atlantic City Electric storing energy?

The Atlantic City Electric battery energy storage station in Beach Haven, N.J. seen on Tuesday, August 12, 2025. Jim Lowney | For NJ Advance Media Atlantic City Electric is preparing to activate its first energy storage system, an emerging technology in electric production, at the site of a decommissioned substation in Beach Haven.

Is Beach Haven's battery energy storage system dangerous?

With only a about dozen feet separating the system from homes, residents fear the battery energy storage system, which is comprised of lithium materials, may be dangerous in a fire or emergency. Beach Haven Mayor Colleen Lambert said the company has resisted borough officials' requests to delay the project and address potential risks.

Will Atlantic City electric train local firefighters?

A company official speaking at the hearing said Atlantic City Electric would train local firefighters on how to respond to emergencies at the facility. However, the company assured residents and local officials about fire prevention equipment at the site, including an automatic detection system installed in the equipment.

By installing a state-of-the-art battery storage system, we aim to enhance energy service reliability for Beach Haven and Long Beach Island, ...

The authority's wastewater treatment facility in Atlantic City already gets more than 60 percent of its electricity from a 7.5-megawatt wind farm and a 500-kilowatt solar facility. The ...

Atlantic City Electric is set to activate its first energy storage system in Beach Haven, NJ, but faces pushback from local officials who raise concerns about potential fire ...

Atlantic City Electric Battery Energy Storage Station (BESS) FACT SHEET #1 Atlantic City Electric Battery Energy Storage Station (BESS) FACT SHEET #2

those concerns seriously. Battery storage is a low voltage system that will have minimal impact on any EMF levels that currently exist due to other electrical sources in the area. Safety is our ...

Apr 16, 2018 At the Atlantic County Utility Authority's wastewater treatment facility in Atlantic City, N.J., a new battery energy storage system is now online. The system captures up to one ...

One of the biggest challenges in renewable energy is energy storage, and researchers are working on innovative solutions to store electricity generated from ocean ...



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state and federal laws. This Battery Storage project is the first of its kind in ACE's service area. It is designed to improve the reliability and quality of electrical service for the residents and ...

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The research focused on monitoring and reducing the degradation of electric vehicle lithium-ion batteries while performing electricity grid services. Our energy storage systems are composed ...

Introduction At Atlantic City Electric, we are committed to providing safe, reliable, affordable and clean energy service for our customers and communities. As part of this effort we are providing ...

Summary Applied Energy Research (AER) has partnered with Atlantic Energy Storage (AES) to develop and design a battery-based storage system using ...

This project benefits over 7,100 customers in Cape May and strengthens the connection between the regional transmission system and the local energy grid, resulting in ...

The figure shows that for the sub-minute level response supercapacitors are the main option. The rapid cost declines that lithium-ion has seen and are expected to continue in the future make ...

The uses for this work include: Inform DOE-FE of range of technologies and potential R& D. Perform initial steps for scoping the work required to analyze and model the benefits that could ...

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