



LOTWA SYSTEM

Georgia Energy Storage Sodium Ion Battery Base Project





Overview

How many battery energy storage sites will Georgia Power have in 2026?

Georgia Power has applied for certification of four battery energy storage sites totaling 500 MW expected to come online in 2026. In a continued effort to limit its use of fossil fuels to mitigate peaks, Georgia Power Company is adding a whole mess of new BESS.

Will Georgia Power offer more battery energy storage projects?

In that filing, Georgia Power signaled its intention to solicit bids for more storage- another 500 MW- in the near future. Battery energy storage projects are popping up all over the U.S., which added nearly 4 GW of storage capacity in the second quarter of this year alone, according to a recent report.

When will Jupiter power install a sodium-ion energy storage system?

These systems are slated for deployment across Jupiter Power's projects between 2027 and 2030. "Deploying the world's largest sodium-ion energy storage system with one of the nation's top Independent Power Producers proves that sodium is ready for today and will dominate the future," noted Landon Mossburg, CEO and Co-Founder of the energy firm.

Are sodium-ion batteries a game-changer for affordable energy?

The system is the first of its kind at grid scale, and may eventually be a game-changer for delivering affordable energy in the US. Sodium-ion batteries work well in hot or cold weather without auxiliary cooling systems. That makes them cheaper and easier to maintain, especially for utility-scale projects. They also use more abundant materials.



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United States: Georgia Power deploys 500 MW of battery energy storage

Dec 1, 2025 · Georgia Power is implementing 500 MW of battery storage systems to enhance the reliability of Georgia's electric grid, in line with the Georgia Public Service Commission's ...

Utility company announces next-gen facilities capable of ...

Jun 5, 2025 · Georgia Power recently announced that construction is underway for four new battery energy storage systems in strategic counties across the state to support energy ...

Georgia Bets Big On Battery Storage - ESG ...

May 14, 2025 · An additional 1000 MW of new battery energy storage is expected to be procured in the coming years through competitive bidding ...

World's largest 4.75 GWh sodium battery system set for US grid storage

Nov 13, 2025 · World's largest 4.75 GWh sodium battery system planned for US energy storage The deal also includes an option for Jupiter Power to reserve an additional 4 GWh of Peak's ...

Utility company announces next-gen facilities ...

Jun 5, 2025 · Georgia Power recently announced that construction is underway for four new battery energy storage systems in strategic ...

Georgia Power's First Battery Energy Storage System Reaches

Nov 8, 2024 · The Mossy Branch Battery Facility is capable of 65 megawatts (MW) of battery storage that can be deployed back to the grid over a four-hour period, adding resiliency to the ...

Georgia's Energy Sector Transformation: Battery Storage and ...

Jul 1, 2025 · In a decisive move to strengthen its energy sector, Georgia has launched the Energy Storage and Green Hydrogen Development project, supported by the Asian Development ...

Peach State power play: Georgia's blueprint for grid-scale energy storage

Jul 30, 2025 · Perhaps best known outside the US for peaches and its emergence as a rival to Hollywood, Georgia is also thirsty for electric capacity and has become a hub for battery ...

Georgia Power Begins Construction on 765 MW of Battery Storage ...

May 10, 2025 · Hammond Groundbreaking - Georgia Power hosts company and project leaders, as well as state and local elected officials, for a groundbreaking ceremony at the Hammond ...

The US's first grid-scale sodium-ion battery is ...



Sep 26, 2025 · Peak Energy just switched on a 3.5 MWh sodium-ion battery, the largest sodium-ion energy storage project developed in the US. The ...

Georgia Bets Big On Battery Storage - ESG Review

May 14, 2025 · An additional 1000 MW of new battery energy storage is expected to be procured in the coming years through competitive bidding processes and a 13 MW demonstration ...

United States: Georgia Power deploys 500 ...

Dec 1, 2025 · Georgia Power is implementing 500 MW of battery storage systems to enhance the reliability of Georgia's electric grid, in line with the ...

Here's where Georgia is installing 500 MW of new battery energy storage

Sep 6, 2024 · Georgia Power has applied for certification of four battery energy storage sites totaling 500 MW expected to come online in 2026.

The US's first grid-scale sodium-ion battery is now online

Sep 26, 2025 · Peak Energy just switched on a 3.5 MWh sodium-ion battery, the largest sodium-ion energy storage project developed in the US. The system is the first of its kind at grid scale, ...

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