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Georgia energy storage project investment



Overview

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Georgia Power's 2025 Integrated Resource Plan (IRP) filed with the Georgia Public Service Commission (PSC) anticipates approximately 8,200 megawatts (MW) of electrical load growth by 2030 - an increase of more than 2,200 MW compared to projections in its 2023 IRP update, which called for the.

The Southwest Atlanta Energy Storage project is an innovative battery energy storage project proposed for Fulton County, Georgia that features batteries with a capacity of up to 250 megawatts and a 4-hour duration. It will provide Georgia with additional flexibility in managing the energy grid.

The 200MW system aims to rapidly dispatch stored energy over a four-hour period, enhancing the reliability and resilience of the electric grid. Credit: harhar38/Shutterstock.com. Georgia Power has initiated the construction of a 200MW (megawatt) battery energy storage system (BESS) in Twiggs.

The largest electric utility in the state is undergoing a transformation with investments in BESS driven by recent regulatory approvals and rapid project execution. Building upon earlier Integrated Resource Plan (IRP) cycles, the 2023 IRP Update 1 notably sanctioned an additional 500 megawatts (MW).

Utility Georgia Power is forging ahead with plans for battery energy storage systems (BESS), Canadian Solar-owned Recurrent Energy has secured \$825m for a storage project and a solar site, and developer and battery materials firm Redwood Materials has attracted new investment. This week has brought. Where are Georgia Power's new battery energy storage systems located?

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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.

How much money does Georgia spend on energy projects?

Officials on Wednesday announced \$3.46 billion for 58 projects across 44 states. Oglethorpe Power Corp., Georgia Transmission Corp., Georgia System Operations and Green Power EMC have committed to spend a total of \$507 million on the projects, including the \$250 million in federal money.

Will Georgia's energy storage project improve grid resiliency?

“We expect this energy storage project to enhance grid resiliency and enable the deployment of increased intermittent emission-free energy on Georgia’s electric grid,” said Oglethorpe Power President & CEO Mike Smith.

What is the Georgia Power Company Integrated Resource Plan Update 2023?

Earlier this month, Georgia Power Company submitted its 2023 Integrated Resource Plan Update (2023 IRP Update) to the Georgia Public Service Commission, which includes an Application for Certification for four battery energy storage systems totaling 500 MW.

What do we know about Georgia Power Projects?

Georgia Power included attachments with information and data on each of the proposed projects, but since they contained “sensitive terms and conditions” and cost information, they were nearly entirely redacted from public

disclosure- deemed “trade secrets.” Here’s what we do know about those projects:

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