

Georgia Backup Power Storage





Overview

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 state's power grid and helping ensure reliable energy for a growing Georgia. 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.

Who sanctioned battery energy storage systems in Georgia?

The systems are sanctioned by the Georgia Public Service Commission through the Integrated Resource Plan. Credit: Georgia Power. US-based electric utility Georgia Power has commenced construction of new battery energy storage systems (BESS) across the state of Georgia, totalling 765MW capacity.

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.

Where are battery energy storage projects popping up?

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. Most of the new batteries- 97% of them- ended up in ERCOT, WECC, and CAISO territories.

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.

Does Georgia Power support Customer-Sited solar?

Georgia Power is also committed to supporting customer-sited generation resources to meet the state's growing energy needs. The 2025 IRP includes two customer expansions of BESS programs including enhancements to the Customer Connected Solar Program and launching a new Customer-Sited Solar Plus Storage Pilot.



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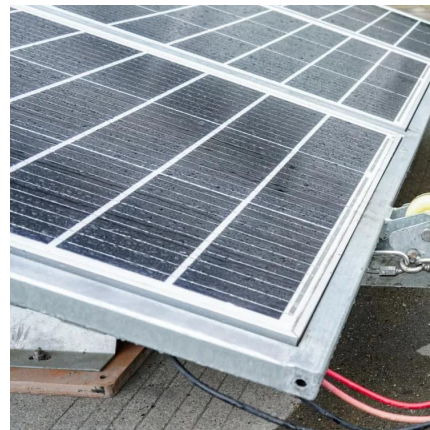


[Solar Resiliency Technical Assistance Program, Georgia ...](#)

GEFA hosted an online workshop to educate local governments about solar + storage resiliency hubs for critical infrastructure. The workshop provided attendees with information to increase ...

Here's Where Georgia Is Installing 500 MW of New Battery Energy Storage

In April, Georgia Power received permission from the Public Service Commission to forgo the typical bidding process and get right to constructing BESS to support its needs. In ...



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