

## SolarTech Power Solutions

# Georgia Energy Storage Battery



## Overview

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Georgia Power, the largest electric subsidiary of Southern Company, announced that construction is underway on 765-MW of new battery energy storage systems (BESS) located across Georgia in Bibb, Lowndes, Floyd, and Cherokee counties. 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.

What is Georgia Power's 530-megawatt battery storage system?

Georgia Power breaks ground at the McGrau Ford Battery Facility in Cherokee County on April 4, 2025. This 530-megawatt battery energy storage system will consist of two phases, approved in the 2022 Integrated Resource Plan (IRP) and 2023 IRP Update. Courtesy: Georgia Power.

What does battery mean according to Georgia law?

According to Georgia Code 16-5-23.1, battery is defined as making physical contact of a provoking or insulting nature against someone else, or intentionally causing visible bodily harm to the victim. A person commits battery under this law.

Will Georgia Power's new storage capacity meet winter peak demand?

Georgia Power emphasized that the construction timelines for these projects are designed to meet anticipated winter peak demand beginning in 2029. The utility stated that the new storage capacity will provide critical backup power and help balance the grid during high-demand periods, particularly as older coal and gas units are retired.

What does Georgia Power do?

Georgia Power senior vice-president and senior production officer Rick Anderson said: “At Georgia Power, we work with the Georgia PSC and many other stakeholders to make the investments required for a reliable and resilient power grid, integrating new technologies to better serve our customers today and as Georgia grows.

Where is Georgia Power's first grid-connected Bess system located?

In February 2024, Georgia Power installed its first grid-connected BESS, the Mossy Branch Energy Facility, a 65 MW system on a couple of acres of rural countryside in Talbot County, north of Columbus, GA. It was approved as part of Georgia Power’s 2019 IRP.

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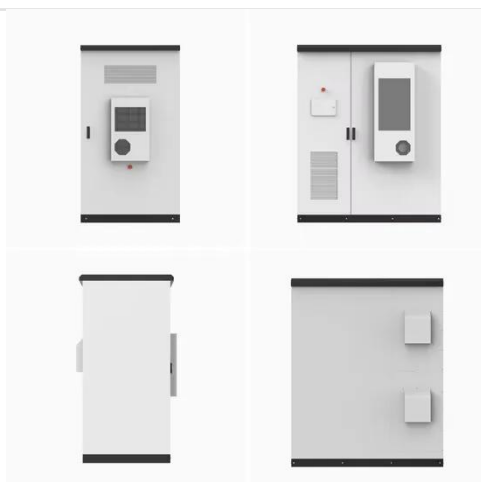


### Georgia Power requests PSC permission to build

Aug 4, 2025 · All of the Company-Owned Proposal (COP) BESS will use Tesla Megapack. Image: Tesla Georgia Power has requested certification from the Georgia Public Service Commission ...

### Georgia Power's First Battery Energy Storage System Reaches

Nov 8, 2024 · Georgia Power leaders joined elected officials from the Georgia Public Service Commission (PSC), Georgia legislature, and Talbot and Muscogee counties on Thursday to ...



### Georgia Power's Energy Transition: Balancing Battery Storage ...

Aug 4, 2025 · The U.S. utility sector is at a crossroads, with companies like Georgia Power navigating the complex interplay between affordability, reliability, and long-term sustainability.

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## Work begins on Georgia Power battery storage systems

May 7, 2025 · ATLANTA - Construction is underway on battery energy storage systems (BESS) at four locations across the state, Georgia Power officials announced Wednesday. The state ...



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## Georgia Power receives approval on 500MWs BESS projects

Dec 10, 2024 · The Georgia Public Service Commission (PSC) has verified with Energy-Storage.news that it voted unanimously 3 December, to certify utility Georgia Power's plans to ...

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## Georgia Power's first battery energy storage system reaches ...

Nov 8, 2024 · 65 MW Mossy Branch Battery Facility adds resiliency to Georgia's electric grid; Company leadership and elected officials tour site in Talbot County on Thursday ATLANTA, ...



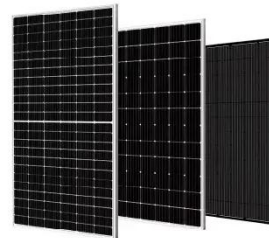


## Georgia Power seeks to certify new energy projects

Aug 1, 2025 · Georgia Power has requested certification from state energy regulators for 9,900 megawatts of new energy resources, including power-purchase agreements, natural gas ...

## Georgia Energy Storage Battery: Powering the Future with ...

Why Georgia's Energy Storage Boom Should Be on Your Radar If you've ever wondered how the Peach State plans to keep its sweet tea chilled during a heatwave while slashing carbon ...



## Georgia Power outlines battery storage projects to PSC

Oct 31, 2024 · A fourth battery-storage facility would double the storage capacity at the McGrau Ford Battery Facility under development in Cherokee County. The projects, which would add ...

## Georgia Scales Up Battery

## Storage to Support Energy Grid

May 12, 2025 · From coal plant conversions to solar co-location, Georgia Power's battery strategy highlights the evolving role of storage in utility-scale energy planning.



## US' Georgia Tech, Stryten Energy tap lead battery innovation

Apr 28, 2025 · A new battery energy storage system (BESS) will combine academic research and real-world deployment to create a living laboratory for energy storage experimentation.

## Georgia Power Announces New Battery Energy Storage ...

May 12, 2025 · Georgia Power announced that construction is underway on 765 megawatts (MW) of new battery energy storage systems (BESS) strategically located across Georgia in Bibb, ...



## Georgia Scales Up Battery



## Storage to Support Energy Grid



May 12, 2025 · Battery energy storage is taking center stage in Georgia's utility planning, as Georgia Power moves forward with more than 765 megawatts of new storage capacity across ...

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

May 10, 2025 · Georgia Power has commenced construction on 765 megawatts (MW) of new battery energy storage systems (BESS) across four counties in Georgia, aiming to significantly ...



## Georgia Power updated IRP ups targets for renewable energy, battery storage

Nov 7, 2023 · Georgia Power is also one of three US utilities so far to have agreed to pilot the deployment of a novel iron-air battery storage technology developed by startup Form Energy. ...



## Georgia Power receives



## approval on 500MWs BESS projects

Dec 10, 2024 · Georgia Power's first built to own and operate BESS, Mossy Branch Battery Facility. Image: Georgia Power  
The Georgia Public Service Commission (PSC) has verified ...



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