

# **Georgia Community Energy Storage System**







#### **Overview**

In this article, written by Allan Oduor, Associate Project Manager at Enertis Applus+, the author examines Georgia's rapid development of utility-scale energy storage, outlining the state's strategic blueprint for deploying battery energy storage systems to meet growing electricity demand and strengthen the domestic supply chain. 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.

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.

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.



### **Georgia Community Energy Storage System**



# <u>Georgia Power Begins Construction on 765 MW of Battery ...</u>

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

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# Georgia Public Service Commission approves 500 MW of battery energy storage

The Georgia Public Service Commission (PSC) has signed off on Georgia Power's plans to build 500 megawatts (MW) of battery energy storage across four locations, voting ...



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#### <u>Utility-Scale Battery Energy Storage Systems</u>

About this Document This document is intended to provide guidance to local governments considering developing an ordinance or rules related to the development of utility-scale battery ...

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# Work begins on Georgia Power battery storage systems

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







# Utility company announces next-gen facilities capable of powering

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

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

This article highlights Georgia's blueprint for gridscale energy storage, demonstrating how targeted planning, infrastructure optimization, and domestic manufacturing ...







# Georgia Power builds four new battery storage facilities. One's in ...

Construction is underway at four new battery energy storage system sites located across Georgia, including one in Bibb County, totaling 765 megawatts of power, Georgia ...

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#### <u>Energy Storage Regulations and Deployment in</u> <u>Georgia</u>

Yes, Georgia has set specific targets for energy storage deployment through the Georgia Energy Storage Initiative (GESI). The state aims to deploy 1,200 megawatts (MW) of energy storage

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#### **About URE - United Renewable Energy**

United Renewable Energy ® LLC is a privately held engineering, procurement, and construction (EPC) firm developing photovoltaic farms and energy storage systems for utilities, industrial ...

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Construction is underway on battery energy storage systems at four locations across the state. One of them is near Moody Air Force Base in Lowndes County.

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# PSC approves Georgia Power's long-term energy plan to meet ...

The plan aims to expand renewable energy capacity by procuring up to 4,000 MW by 2035 and integrating over 1,500 MW of battery energy storage systems, enhancing Georgia ...

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## Construction now underway on 765 MW of new battery energy storage

Georgia Power announced today that construction is underway on 765-megawatts (MW) of new battery energy storage systems (BESS) strategically located across Georgia in ...

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# LifePO4 Battery 12 100Ah Lithium Iron Phosphate Deep Cycle Battery ( © © © Ø M

#### Battery Energy Storage Construction by Georgia Power

Big transformations are underway in Georgia as Georgia Power kicks off the construction of their brand new 765-megawatt battery energy storage systems ...

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