

SolarInvert Energy Solutions

Georgia Energy Storage Policy Planning Program



Overview

What is Georgia Power's long-term integrated resource planning process?

ystem and help meet customers' evolving energy needs. With the Commission's constructive oversight, Georgia Power's long-term integrated resource planning process – and specifically, the requests set forth in this 2025 IRP – will help ensure the Company can continue to reliably and economically meet the electric energy needs of i.

Does Georgia Power own energy storage?

Georgia Power first examined energy storage in its 2019 IRP, with approval to build, own and operate 80 MW of BESS at the time. Tristan is an Electrical Engineer with experience in consulting and public sector works in plant procurement. He has previously been Managing Editor and Founding Editor of tech and other publications in Australia.

Where can I find information about Georgia Power's long-term energy strategy?

For more information about the IRP and Georgia Power's long-term energy strategy, visit The Source: Georgia Power, a Southern Company, provided the details for this article. Georgia Power's 2025 Integrated Resource Plan emphasizes reliability, affordability, and cleaner energy sources.

Will Georgia Power add more energy storage in 2028?

Also notable is that Georgia Power is looking at longer duration energy storage, with 3,000 MW per year of 4-hour energy storage is projected to be added starting in 2028, while 3,000 MW per year of 12-hour energy storage is planned from 2033. Small-scale BESS boost.

Will Georgia Power add more renewables to its energy portfolio?

Accordingly, Georgia Power is planning for more generation, with ongoing investment into existing power plants, including nuclear, and integration of

more natural gas, while adding 4 GW of renewable resources, boosting the proposed portfolio to around 11 GW by 2035. That indicates new additions of 1.1 GW in renewables.

Does Georgia Power have a Integrated Resource Plan (IRP)?

US utility Georgia Power has filed its 2025 update to its Integrated Resource Plan (IRP) with the first update since 2023 showing further acceleration in the utility's adoption of (BESS). Georgia serves as the eighth most populous US state and a major economic hub in the Southeastern United States.

Georgia Energy Storage Policy Planning Program



Georgia Public Service Commission approves 500 MW of battery energy storage

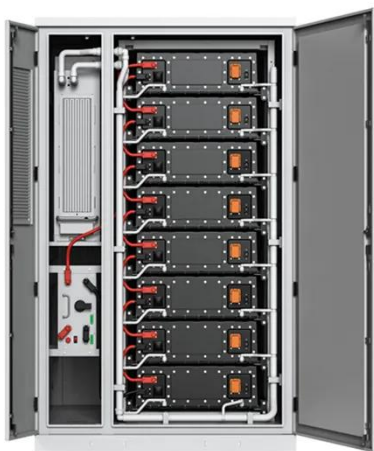
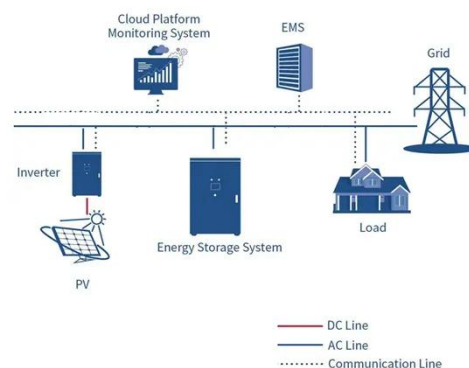
In April, Georgia Power received permission from the Public Service Commission to forgo the typical bidding process and get right to constructing energy storage to support ...

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Construction now underway on 765 MW of new ...

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

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Georgia Power gets approval for 765MW energy ...

RWE's Hickory Park solar project in Georgia, which includes 40MW/80MWh of co-located battery storage. Image: RWE. The US state of ...

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Peach State power play: Georgia's

blueprint for grid-scale energy storage

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



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Georgia Energy Policy: Building a Resilient and Future-Ready Grid

From distributed energy's economic potential to the challenges of federal policy uncertainty, these speakers unpacked what it takes to build a grid that is resilient, affordable ...

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Tracking Energy Policy in Georgia: Results of the ...

On Tuesday, April 16, the Georgia Public Service Commission (PSC) voted on Georgia Power's 2023 Integrated Resource Plan (IRP) ...

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54448-001: Energy Storage and Green Hydrogen Sector ...

Proposed Policy-Based Loan, Project Loan, and Technical Assistance Grant
Georgia: Energy Storage and Green Hydrogen Sector Development Program



This document is being disclosed ...

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Energy Storage Regulations and Deployment in Georgia

These partnerships aim to coordinate energy storage regulations and deployment strategies across state boundaries to promote efficient and effective use of resources and infrastructure.

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Energy Storage Strategy and Roadmap , Department ...

The Department of Energy's (DOE) Energy Storage Strategy and Roadmap (SRM) represents a significantly expanded strategic revision on the original ...

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Georgia Public Service Commission approves 500 ...

In April, Georgia Power received permission from the Public Service Commission to forgo the typical bidding

process and get right to ...

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DER Customer Program FAQs

What types of resources are offered under this program to provide resiliency? Georgia Power's initial approach to resiliency is to provide customers with ...

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Georgia Power outlines battery storage projects to PSC

ATLANTA - Georgia Power executives Thursday pitched a proposal to build battery energy storage systems (BESS) at four sites to the state Public Service Commission ...

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Georgia Power's 2025 IRP: A Grid Modernization Playbook for Energy

The Georgia Public Service Commission's approval of Georgia Power's 2025 Integrated Resource Plan (IRP) on July 15, 2025, marks a pivotal moment for

energy ...

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Georgia Power files plan to reliably, economically ...

Solutions to meet increasing customer demand for emission-free, sustainable, and resilient energy including a new solar plus storage program ...

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Georgia Public Service Commission approves plan to reliably

Georgia Power continues to work with all stakeholders to develop and execute plans that help ensure that the state can meet future energy demand, make investments ...

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Georgia utility projects 'extraordinary' load growth in ...

Georgia Power has filed its 2025 Integrated Resource Plan (IRP) with the Georgia Public Service Commission (PSC), a roadmap for how the ...

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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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Georgia Power's 2025 IRP: Further shift towards ...

Georgia serves as the eighth most populous U.S. state and a major economic hub in the Southeastern United States. IRPs are long-term planning ...

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Georgia Power Company's 2025 Integrated Resource PI

ontinuation of several of its DSM programs in this IRP. These programs are designed to enhance energy efficiency and prov. de customers with

more control over their energy usage.
Building ...

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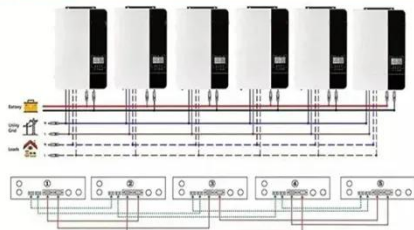
Georgia Power Files 2022 Integrated Resource Plan

Filed with the Georgia Public Service Commission (PSC), the 2022 IRP outlines Georgia Power's plan to thoughtfully transition its fleet to more economical, cleaner resources; ...

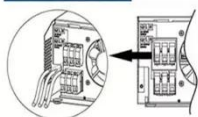
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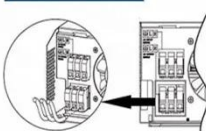
Parallel (Parallel operation up to 6 unit (only with battery connected))



AC input wires



AC output wires



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

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 ...

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Georgia Power , Reliable Energy for a Growing Georgia

Georgia Power provides clean, safe, reliable, and affordable energy to over 2.8 million residential and business customers across Georgia.

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Georgia Power's 2025 IRP: Further shift towards battery storage

Accordingly, Georgia Power is planning for more generation, with ongoing investment into existing power plants, including nuclear, and integration of more natural gas, ...

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Georgia Power's 2025 IRP: Further shift towards battery storage

Georgia serves as the eighth most populous U.S. state and a major economic hub in the Southeastern United States. IRPs are long-term planning reports that are considered ...

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Reliable Energy Siting through Technical Engagement ...

The U.S. Department of Energy's (DOE) Reliable Energy Siting through Technical Engagement and Planning (R-STEP(TM)) program expands the decision-making ...

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

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

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Georgia Public Service Commission approves plan to reliably

Solutions to meet increasing customer demand for emission-free, sustainable, and resilient energy including a new solar plus storage program for residential and small ...

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Integrated National Energy and Climate Plan of Georgia

The Integrated National Energy and Climate Plan (NECP) for the period 2021-2030 builds on existing national strategies and plans. Most notably, it is

developed on the basis of the Law on ...

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