# Energy storage costs at Georgian power plants

## Overview

This paper presents average values of levelized costs for new generation resources as represented in the National Energy Modeling System (NEMS) for our Annual Energy Outlook 2025 (AEO2025) Reference case. For investors, the question is whether Georgia Power's reliance on gas and grid-scale storage aligns with the broader shift toward renewables-or if it represents a costly detour in an industry racing toward cleaner alternatives. The Strategic Rationale: Reliability vs. Georgia Power says it's part of a massive multi-year expansion that . of Georgia is 3,736. 6 million in rural areas, 1,241. The estimates include only resources owned by the electric power sector, not those owned in .

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[Georgia Power's Shift to Gas and Grid-Scale Storage: Strategic and ]

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**Levelized Costs of New Generation Resources in the Annual**

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[Georgia Power's massive data center expansion includes a lot of gas]

Georgia Power has said increased sales to data centers could lead to "downward pressure" on residential customers' rates. But environmentalists and consumer advocates say the

[Data centers push Georgia Power toward natural gas, sparking cost ]

Hundreds of construction workers are on the job around the clock building Georgia's energy future at Plant Yates, where they're expanding a former 1950s coal power plant into a state-of-the

## Georgia Power commences construction of 200MW BESS

BESS projects improve the efficiency of renewable energy by storing excess power during low-demand periods for use during high-demand times, such as cold winter mornings when

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

The IRP indicates a greater effort to encourage adoption of BESS-coupled systems, by proposing a new portfolio of "solar-plus-storage options for customer generators," aiming to

## Georgia Power's 2025 plan faces scrutiny over data centers' energy

Georgia Power officials have said new PSC rules for data centers will prevent residential and commercial customers from being billed for power consumed by facilities that rely on enormous

## Georgia Power Company's 2025 Integrated Resource Pl

peline of potential and committed large load customers. Georgia Power's risk-adjusted load forecast from the winter of 2024/20253 through the winter of 2030/2031 reflects approximately 8,200 MW of

## Georgian Power Sector Analysis

Integrated National Energy and Climate Plans

(NECP) includes all five main directions of the Energy community and are an important tool for the implementation of the Energy community Strategy and

### Georgia Scales Up Battery Storage to Support Energy Grid

Energy will be stored during low-demand periods and dispatched during high-demand hours, particularly in winter when grid stress is most pronounced. Georgia Power's siting strategy

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