

Georgia offshore wind power storage project





Overview

How many MW of energy storage does Georgia Power need?

Georgia Power is seeking 500 MW of energy storage that can discharge for at least two hours. The energy storage can be standalone, or with a new or existing renewable resource. Ascend Analytics is administering the request for proposal (RFP) on behalf of Georgia Power.

What is Georgia's energy storage project?

The storage project is expected to be completed in multiple stages, with the full implementation stretching through to the end of 2028. The primary aim of this initiative is to enhance the flexibility, stability, and security of Georgia's electricity system by improving the capacity to store and distribute renewable energy.

Can offshore wind be commercially viable in Georgia?

Offshore wind has significant potential in Georgia, particularly in the Black Sea region, where the wind resource is favourable. However, this technology is still in the early stages of development, and substantial infrastructure investment is needed to make offshore wind commercially viable.

Why is energy storage important in Georgia?

Energy storage is pivotal in Georgia's strategy to integrate renewable energy into the national grid. As renewable sources such as wind and solar are intermittent by nature, they often generate more energy than the grid can immediately use or produce insufficient energy during periods of high demand.



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Sep 25, 2025 · 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, ...



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