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China Southern Power Grid Energy Storage Centralized Procurement



Overview

What is the largest energy storage procurement in China's history?

The tender marks the largest energy storage procurement in China's history. In what is described as the largest energy storage procurement in China's history, Power Construction Corporation of China (PowerChina) is targeting an unprecedented cumulative storage capacity of 16 GWh. The bids were opened on December 4.

How will powerchina select a qualified supplier for energy storage system equipment?

According to the previously announced plan by PowerChina, this tender aims to select qualified suppliers for energy storage system equipment for 2025-2026. After the selection, a framework agreement will be signed.

How much does energy storage cost in China?

In what is described as the largest energy storage procurement in China's history, Power Construction Corporation of China (PowerChina) is targeting an unprecedented cumulative storage capacity of 16 GWh. The bids were opened on December 4. The tender attracted 76 bidders, with quoted prices ranging from \$60.5/kWh to \$82/kWh, averaging \$66.3/kWh.

What is powerchina's storage initiative?

This storage initiative is part of PowerChina's broader equipment procurement plan announced on November 13, which also includes 51 GW of solar modules, 51 GW of inverters, 25 GW of wind turbines, and 15,240 prefabricated 35kV substations.

How is CSG connected to Hong Kong's power grid?

CSG is interconnected with Hong Kong's power grids through four circuits of 400-kV lines and seven circuits of 132-kV lines, and supplies power to Macao via eight circuits of 220-kV lines and four circuits of 110-kV lines.

Where does CSG supply electricity?

CSG supplies electricity to five provincial-level regions — Guangdong province, Guangxi Zhuang autonomous region, Yunnan province, Guizhou province, and Hainan province — as well as Hong Kong and Macao special administrative regions.

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