

ContainerPower Energy Solutions

Power prices for energy storage power stations in Brazil



Overview

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The conditions are in place for the country's battery energy storage market to expand at a compound annual growth rate (CAGR) of 20% to 30%, as Holu Solar's Sophia Costa explained. From ESS News Brazilian energy suppliers raised the red flag in September 2024, signaling a rise in electricity costs.

Brazil is set to conduct its first auction for adding batteries and storage systems to the national power grid, as reported by Reuters. The auction, to take place in June 2025, will include 300MW energy capacity purchase that could drive an estimated \$450m in investments from winning bidders.

A recent study highlights that implementing energy storage technologies, such as lithium-ion batteries and pumped hydro, could lower Brazil's electricity system costs by up to 16% by 2029. These solutions are expected to improve system reliability and increase the integration of renewable energy.

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Brazil's solar trade body Absolar says reducing the tax burden on battery energy storage systems could reduce almost BRL 1 billion (\$177 million) of curtailment-related clean energy losses since 2022 and help keep energy bills down. Following a sharp rise in Brazilian electricity bills in September.

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