

# Modern energy storage project in Brazil





## Overview

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Will Brazil build 224 MWh of battery energy storage capacity by 2025?

Credit: Vitalii Stock via Shutterstock. Brazilian electricity company Matrix Energia has completed Brazil's first green debentures issuance worth \$100m Brazilian reais (\$17.9m) to build 224 megawatt-hours (MWh) of battery energy storage capacity by 2025.

Will Brazil conduct the first energy storage auction?

Brazil is set to conduct the country's first-ever energy storage auction for adding batteries and storage systems to the national power grid.

Will Brazil's first electricity auction drive \$450m investment?

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, according to consultants Oliver Wyman.

Could pumped hydro be the missing piece in Brazil's energy system?

Conclusion Although energy storage solutions have yet to be widely deployed in Brazil, generation flexibility remains a scarce commodity. Therefore, storage projects, including pumped hydro, could be the missing piece needed to enhance the country's energy system.



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### Matrix Energia Building 224MWH of Battery Storage Capacity With Brazil

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### In a new study, PSR assesses the role of energy storage in Brazil...

The growth of solar and wind generation in Brazil, coupled with water constraints, has brought new challenges to the operation of the electrical system, especially regarding flexibility and ...



[Brazil's energy storage auction to attract \\$450m in investments](#)

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