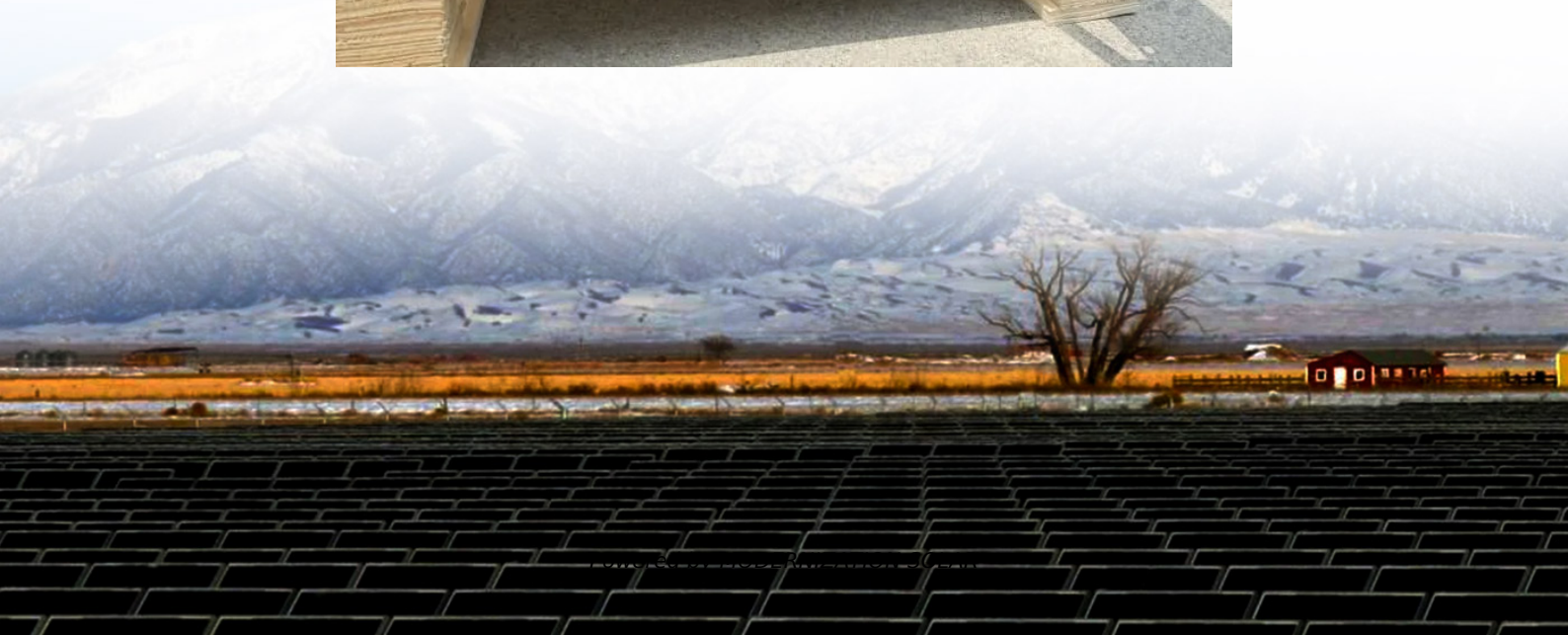


# Energy storage on the grid in Brazil





## Overview

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What is driving Brazilian energy storage demand?

An unreliable grid is driving Brazilian energy storage demand. The world is set to have more than 760 GWh of energy storage capacity by 2030, led by Chinese and United States markets dominated by utility-scale systems.

Will Brazil install a battery energy storage system in 2024?

A study by Brazilian consultancy Greener has indicated that the country installed 269 MWh of energy storage capacity in 2024, growth of 29% from 2023. Demand for battery energy storage system (BESS) components grew 89% in Brazil from 2023 to 2024 and most of the resulting systems are likely to be installed in 2025.

Does Brazil have a power grid?

Brazil's small northern and larger southern electrical grids were joined in January 1999 into one grid that serves 98% of the country. Brazil's domestic supply is augmented by imports from neighboring Argentina. Renewable energy likely will continue to play an important role in Brazil's electrification plans.

How can a grid planner provide energy security for Brazil?

Providing energy security for Brazil includes the following stabilizing options: To be sure, no one solution fits all. Rather, grid planners must assess scenarios and plan with clarity. Would you like to learn more about our Electric Power & Natural Gas Practice Practice?



## Energy storage on the grid in Brazil

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## **Brazil GES2024**

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