

# Brazil Sao Paulo Energy Storage Frequency Regulation Project



## Overview

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Aiming at the problems of low climbing rate and slow frequency response of thermal power units, this paper proposes a method and idea of using large-scale energy storage battery to respond to the frequency change of grid system and constructs a control strategy and scheme. Aiming at the problems of low climbing rate and slow frequency response of thermal power units, this paper proposes a method and idea of using large-scale energy storage battery to respond to the frequency change of grid system and constructs a control strategy and scheme. Brazil's National Electric Energy Agency (ANEEL) has released a comprehensive technical note following Public Consultation No. 39/2023, focusing on refining the regulatory framework for Energy Storage Systems (ESS) within the Brazilian electricity sector. On Decem, ANEEL presented the results of the first phase of Public Consultation (CP) No. 296 on November 25, establishing a series of changes to laws in its electricity sector including guidelines for the regulation of storage systems, tax exemptions and the reduction of import tax rates on battery energy storage systems and its components to zero. From ESS News. At a public hearing held by the Chamber of Deputies' Mines and Energy Committee, Daniel Danna, Director of the National Electric Energy Agency (ANEEL), stated that the regulatory authority intends to introduce the country's first regulatory framework for energy storage this year.

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### ACCELERATING THE BRAZILIAN ENERGY TRANSITION

Establishing tailored environmental licensing procedures for PSH -- particularly for closed-loop systems -- is essential to reduce project risks, shorten approval timelines, and enable Brazil to leverage its ...

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### Brazil's First Energy Storage Regulatory Framework to Be Introduced

At a public hearing held by the Chamber of Deputies' Mines and Energy Committee, Daniel Danna, Director of the National Electric Energy Agency (ANEEL), stated that the regulatory authority ...



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### EENERGY STORAGE REGULATION IN BRAZIL CMS EXPERT ...

In the end, a control framework for large-scale battery energy storage systems jointly with thermal power units to participate in system frequency regulation is constructed, and the proposed frequency ...

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## Brazil adopts legal framework for battery storage

Brazil has introduced a series of regulations and incentives for battery energy storage systems (BESS) published under Law 15.269 on November 25.

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## Battery energy storage systems in Brazil: current regulatory and

Explore Brazil's battery energy storage systems, focusing on current regulations, investment opportunities, and the role of these systems in the energy transition.

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## Storage will be key to modernizing Brazil's electricity sector

Stakeholders are in the process of creating a regulatory framework for energy storage. The Brazilian energy storage market will be one of the main pillars of the national plan to update the

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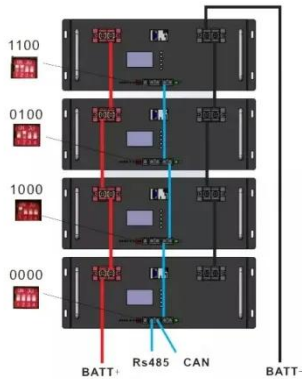


## Energy storage regulation in Brazil

The regulation of energy storage in Brazil ultimately represents an institutional test of the Brazilian regulatory model. It's not just about

incorporating a new technology, but about updating the ...

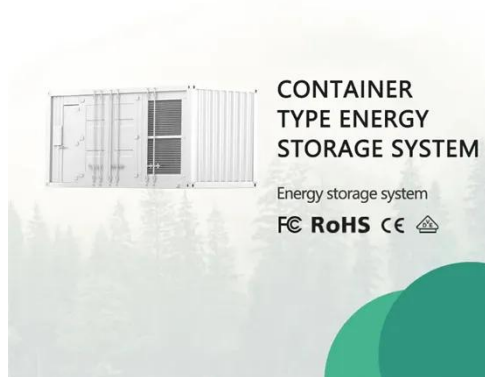
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## Brazil Energy Storage Regulatory Framework

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## ENERGY STORAGE REGULATION IN BRAZIL

The project adopts supercapacitor hybrid energy storage assisted frequency regulation technology, consisting of 60 sets of 3.35 MW/6.7 MWh battery energy storage systems and 1 set of 3 MW/6 ...

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## Advancing Energy Storage Regulation in Brazil

This initiative forms part of ANEEL's 2025-2026 Regulatory Agenda, which seeks to modernize Brazil's energy framework by incorporating energy

storage systems (SAE), including ...

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