

PIENAAR ENERGY (PTY) LTD

South America s energy storage installed capacity in 2025



Overview

The region installed approximately 2.5 GW of storage capacity by mid-2025, with projections indicating a compound annual growth rate of 8% through 2034, culminating in 23 GW regionally—Chile accounting for nearly half. In 2024, electricity generation in Latin America and the Caribbean (LAC) grew by 5.5%, primarily driven by the expansion of wind and solar photovoltaic plants, as well as an increased share of natural gas in the energy matrix. In order of significance, the countries exerting the most influence on. As South America's renewable energy sector accelerates toward decarbonization, battery energy storage systems (BESS) have emerged as critical enablers for grid reliability and intermittent resource integration. From ESS News Wood Mackenzie forecasts a compound annual growth rate. Latin America is entering a transformative decade in its energy landscape, driven by the urgent need to expand power output, decarbonize, lower energy costs, improve grid resilience, and integrate massive volumes of renewable energy. This acceleration reflects the country's aggressive renewable integration strategy and positions Chile as a.

South America's energy storage installed capacity in 2025



South America's Energy Storage Boom: 25 Transformative

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Latin America's energy storage market to reach 23 GW by 2034

The Latin American region will see a compound annual growth rate of 8% for its energy storage market through 2034, reaching a total of 23 gigawatts (GW), according to Wood Mackenzie's ...



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South America Energy Storage Market Reaches \$2 Billion Milestone

With over 1 GW of BESS capacity already installed as of October 2025, the Chilean market demonstrates unprecedented velocity in deploying large-scale storage solutions.

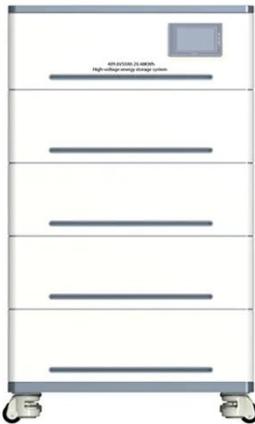
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South America: One of energy storage's final frontiers

South America is the continent most dependent on renewable energy, but it is a market that has been difficult for the energy storage industry to penetrate - most South American countries ...



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Latin America Renewable Energy Sector Report 2025-2026

According to IRENA, renewable energy dominance in the region continues, with solar and wind expected to account for 90% of new installed capacity. However, infrastructure challenges persist, ...

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South America Energy Storage Industry Comprehensive Market Study

The forecast period (2025-2033) suggests continuous growth, driven by expanding renewable energy capacity and the ongoing need for grid modernization and resilience in the face of climate change.



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July 2025 Energy Storage: A Fundamental Element in the

Energy



Today, Latin America and the Caribbean have an installed capacity of approximately 2.5 GW; this includes 1.5 GW from BESS (Battery Energy Storage Systems) and 1 GW attributable to ...

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Latin America's energy storage market set to hit 23 GW by 2034

In its new report titled Latin America Energy Storage Outlook 2025, the research and consultancy firm finds that Chile leads the region with the largest installed storage capacity,



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Latin America Solar and Energy Storage Market Outlook (as of 2025)

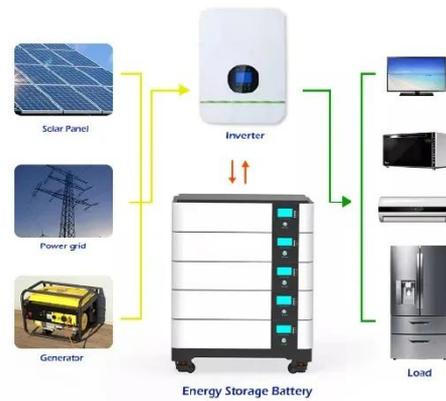
This blog provides an overview of the solar and storage markets across key Latin American countries, highlighting major projects, policies, and trends shaping the region in 2025.

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Latin America's Energy Storage Boom: Market & Outlook 2025

With projected revenues of nearly \$5.9 billion by 2030--up from \$680 million in 2023--the region is poised for a rapid and uneven expansion in storage markets across utility-scale, ...

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