
Chile Mobile Energy Storage Power Supply

Why is Chile pursuing energy storage in Antofagasta?

Chilean president Gabriel Boric (centre) at the inauguration of an energy storage plant in the northern region of Antofagasta in April 2024. Chile has strong conditions for wind and solar energy, and is pursuing storage to help overcome intermittent supply (Image: Ximena Navarro /Dirección de Prensa, Presidencia de la República de Chile)

Where are Chile's battery energy storage facilities located?

Chile's first battery energy storage projects were commissioned in 2009, and all but two of its 16 administrative regions have facilities in operation, under construction or in the planning stage. The greatest installed capacity is found in the northern regions of Antofagasta and Tarapacá, the country's solar powerhouses.

How many energy storage projects are in Chile?

According to a December 2023 publication on the InvestChile website, the country had 23 approved energy storage projects with a total of 3,000 MW of capacity. Chile is exploring a variety of solutions to keep abreast of the changing energy demand landscape ranging from BESS to innovative projects using CO₂.

Will Chile be able to develop energy storage projects in 2024?

In 2022, Chile passed an energy storage and electromobility bill, which made stand-alone storage projects profitable, but the market is still expecting new rules on capacity payment for storage projects, which are to be approved in 2024. Chile has also put in place an auction procedure to award public land for the development of BESS projects.

Chile is rapidly moving to build more power generation capacity, with much of that effort focused on renewable energy resources and battery energy storage systems (BESS). ...

Grenergy's ribbon-cutting at the Monte Inguila project site. Image: Grenergy Spanish independent power producer (IPP) Grenergy has begun construction on a 340MW ...

The project is Atlas Renewable Energy's first foray into battery storage technology, which the company sees as essential for increasing the share of renewable energy sources in ...

Chile has taken a significant step in the development of clean energy with the inauguration of the largest battery energy storage system (BESS) in Latin America. This milestone marks a pivotal ...

Chilean president Gabriel Boric (centre) at the inauguration of an energy storage plant in the northern region of Antofagasta in April 2024. Chile has strong conditions for wind ...

The report notes that Chile is set to become the first country in South America to achieve competitive battery storage pricing within the next decade. The integration of ...

Fitch Ratings-Sao Paulo/New York-01 April 2025: Project finance transactions in Chile are expected to increase due to the recent commissioning of large battery energy ...

BYD Energy Storage recently signed an order agreement with Spanish renewable energy company Grenergy to supply 3.5 GWh of energy storage systems for phase 6 of the ...

The Opportunity and Challenge Chile possesses some of the world's best conditions for solar power

generation, particularly in the Atacama Desert, which experiences ...

Aiming at the problem of insufficient power supply capacity of isolated loads in oceanic islands, a concept based on mobile energy storage and power c...

Chile has emerged as a world leader in hybrid systems and standalone energy storage since implementing its Renewable Energy Storage and Electromobility Act in 2022. ...

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