

# Capacity of Chilean cabinet-type energy storage system

How many energy storage projects are in Chile?

Currently, 36 of the 129 large-scale projects Latin America projects with an energy storage component under development are in Chile, including 32 out of 71 of the region's early works projects. The storage technologies either in use or being considered include:

Does Chile have a capacity payment system?

Since 1982, the Chilean market has recognized capacity payment for plants that contribute adequacy to the electrical system. With Law 20.936 of 2016, the existence of energy storage systems (Energy Storage Systems or SAE) and hybrid energy systems (Renewable Plants with Storage Capacity or CRCA) was recognized in the law.

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)

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.

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 ...

In March 2024, Atlas Renewable Energy announced it has signed a power purchase agreement (PPA) with Chilean mining giant Codelco for the supply of 375 GWh of energy per year, to ...

The Chilean regulatory landscape has evolved to include battery storage with last year's publication of Decree 70, which defined the rules for recognizing the capacity provided by storage ...

Chilean energy storage container design Is Chile ready for a standalone energy storage project? This project alone nears the capacity (13 GWh) the Chilean Ministry of Energy sought in a ...

A new initiative by the Chilean Ministry of Energy and the Ministry of National Assets is expected to cover storage projects with an aggregate capacity of 13 GWh, distributed mainly in the ...

Between 2023 and 2030, 5.9 GW and 24.7 GWh of energy storage is forecast to be installed: o Chile's administration considers storage strategic for the country's goals (at least 60% of ...

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Chile will need new renewable energy storage systems to replace its current backup capacity of coal-fired plants and natural gas-powered combined cycle turbines and improve the ...

Upcoming capacity payment and expected BESS revenues in Chile All Chilean energy storage players, ranging from IPPs to PCS providers, are now closely awaiting the publication of the ...

A methodology has been introduced to evaluate and recognize the power capacity of stand-alone energy storage systems, and the availability of data and studies has been improved to ...

The Chilean energy transition is facilitated by a rare confluence of factors: widespread political consensus, partnerships between public and private entities, and the embrace of innovative ...

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