



Chile energy storage investment

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.

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:

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.

Will Chile support the energy transition?

A spokesperson for Engie Group told Dialogue Earth that Chile is seen as one of its strategic countries for supporting the energy transition, which "entails the investment of USD 1.8 billion by 2027. Our plan in Chile considers incorporating 1.4 GW to reach 2 GW of installed capacity in clean energy, including 2 GWh in storage systems".

How much battery storage capacity does Chile have?

According to data from Acera, the Chilean Renewable Energy Association, there are only 64 MW of battery storage capacity currently active, representing 0.2% of national capacity. AES Andes, a subsidiary of U.S. company AES Corp. operates all 64 MW at their Angamos and Los Andes substations.

Will Chile's storage capacity double in 2032?

The energy ministry spokesperson told Dialogue Earth that the country's environmental assessment body is currently assessing the viability of 300 more storage projects, with a total capacity of 16 GW. According to some projections, between 2026 and 2032, Chile's total storage capacity could double to 4 GW.

Chile is actively working towards achieving carbon neutrality by 2050, defined under the Ley Marco de Cambio Climático or Framework Law on Climate Change of 2022. Under this, the country has ...

This study analyses renewable energy resources, infrastructure, and practical options to accelerate the energy transition and unlock Chile's potential as an exporter of ...



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Having launched a national storage strategy in 2023 that sets targets and aims to attract investment in the sector, and with a large pipeline of projects on the way, Chile's installed storage capacity could ...

Chile's Energy Storage Boom in Chile The central and northern regions of Chile will be the engine of this growth, with plans for 3,000 MW and 6,000 MW of energy ...

Chile has emerged as a leading destination for renewable energy investments in Latin America, with over 40% of its electricity consumption sourced from renewables in early 2024. This is supported by ...

Solar and storage in Chile's renewable energy sector Chile is a global leader in renewable energy, with solar power and battery storage playing a crucial role in decarbonizing the grid. Integrating solar energy ...

With transmission lines at overcapacity and permitting delays slowing the development of new grid infrastructure, battery energy storage systems (BESS) have surged as a profitable alternative for ...

By the end of March 2025, the country had 954 MW of operational energy storage capacity, representing 48% of its national target of 2 GW by 2030. This progress ...

Chile's energy storage sector is experiencing significant growth, as outlined in the latest "Report on Projects Under Construction and Investment in the Energy Sector" by the ...

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 ...

The central and northern regions of Chile will be the engine of this growth, with plans for 3,000 MW and 6,000 MW of energy storage capacity, respectively. These regions are ...

Expansion of solar power and energy storage capacity can support Chile's energy transition for a sustainable energy future. This growth contributes to improved grid stability, support coal phase-out, lower ...

However, since Chile passed a major energy storage bill last October, the Chilean government seeks to add multi-gigawatt of large-scale storage for 2026-208 with an investment of up to US\$2 billion. AES ...

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 ...

AES Gener has held a virtual groundbreaking ceremony to mark the start of construction on a 112MW / 560MWh battery energy storage system project in Chile, Latin America. Multinational electric power ...



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

A BESS project invested in by SUSI Partners in Texas, US. Image: SUSI Partners. Switzerland-based institutional investment group SUSI Partners has entered a development deal for two large-scale solar ...

Argentina's secretary of energy María Tettamanti gave a presentation on the Argentinian energy market during the fourth edition of Energy Storage Summit Latin America. ...

If you're in the energy storage game, Chile's 2025 tender announcement is like spotting a rare bird in the Atacama Desert--exciting and packed with potential.

o Chile passed an Energy Storage Bill in late 2022 allowing standalone BESS to receive revenue both from arbitrage and from reserve capacity. The government promised to provide further ...

At least 2 GW of storage is also expected to be developed by 2030, in addition to the projects currently under development. The scenarios present marked differences in their ...

Chile's electrical energy sector is divided into three components: generation, transmission, and distribution. Each is operated entirely by private companies, both of local ...

During the opening address of Energy Storage Summit Latin America 2025, in Santiago, Chile, the Chilean Minister of Energy Diego Pardow Lorenzo said the country was ...

Founded in 2012, CIP focuses on investment in energy storage, transmission, and distribution; wind, solar, biomass, and advanced bioenergy; energy from waste; and power-to-X.



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