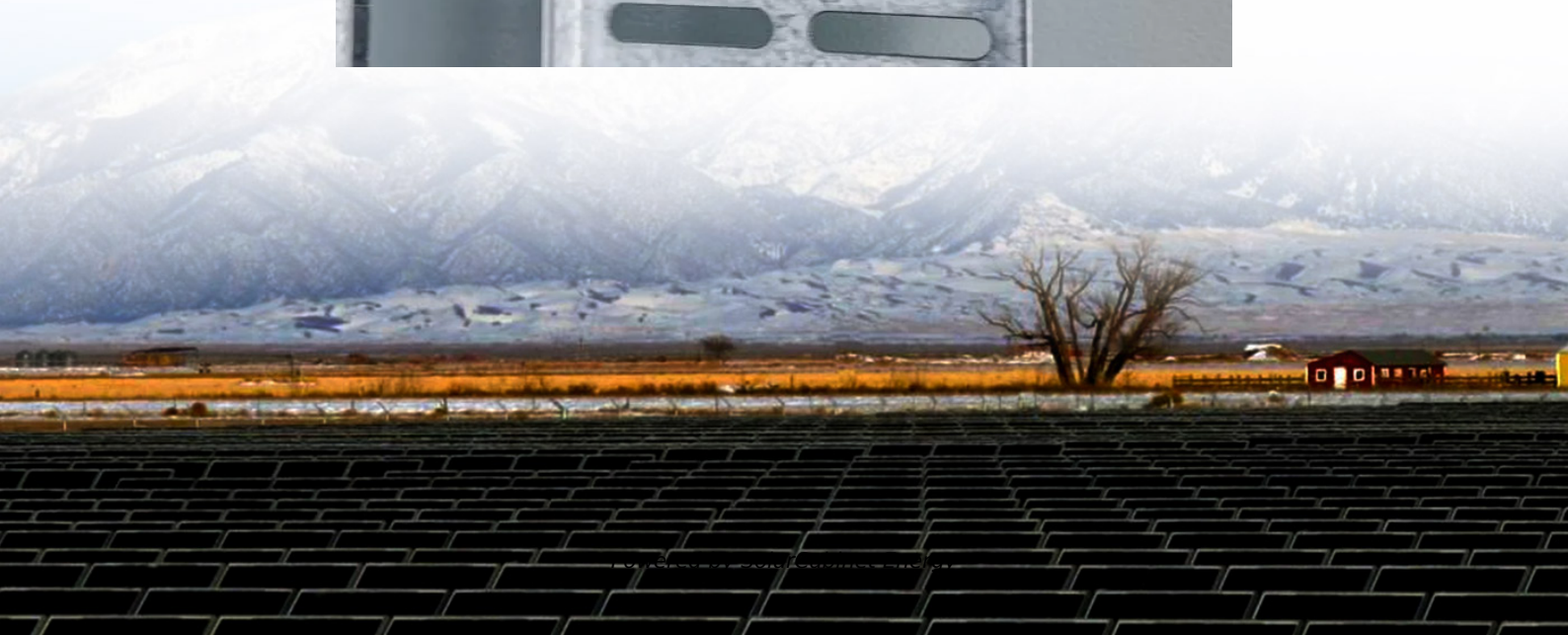


Chile s energy storage project budget





Overview

The government of Chile will launch a bill this year to procure large-scale energy storage systems for commissioning in 2026 totalling US\$2 billion of investment, on top of 5GWh already being sought for 2027-28. 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:

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 can Chile keep up with the changing energy demand landscape?

Chile is exploring a variety of solutions to keep abreast of the changing energy demand landscape ranging from BESS to innovative projects using CO₂. In March 2024, BESS Coya, the largest battery-based energy storage system in Latin America, started operations.

How much battery storage capacity does Chile have?

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

Will new solar assets in Chile have storage components?

New utility-scale renewable and PMGE assets in Chile (most of which are



distributed solar plants smaller than 9 MW) will likely all have storage components moving forward.

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's energy storage project budget



[Chile advances regulation to support ambitious storage goals](#)

It also increases the flexibility of project operators in their charge/discharge planning. o Chile passed an Energy Storage Bill in late 2022 allowing standalone BESS to receive revenue both ...

[Chile advances regulation to support ambitious storage goals](#)

o Chile's government plans to tender 2 GW of storage worth \$2 billion next year for commissioning in mid-2026. To run the tender, the government needs first to approve its energy transition law ...



[Zelestra wraps up financing for solar-energy storage project in Chile](#)

Spanish renewable energy company Zelestra has reached financial close on the Aurora solar and energy storage project in Chile, through a US\$282 million project financing ...

[How Energy Storage is Powering Chile's Sustainable Future](#)

These include the Andes Solar IV project, which will add 147 MW / 735 MWh of storage capacity; the Bolero project with 146 MW / 438 MWh; and



the Arenales project, set to be the largest yet ...



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