

# Chile's independent energy storage project capacity

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'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.

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)

Why is energy storage so important in Latin America?

As renewables scale up, the need to store energy is increasing. Chile is leading the way in Latin America and has more projects in the pipeline, but hurdles remain

Chile Energy Minister Diego Pardow was present at the inauguration of the 200 MW/800 MWh BESS del Desierto, a project its developers describe as the first large-scale standalone energy ...

As frequent readers of Energy-storage.news might know, the majority of BESS projects built and in construction in Chile are paired with a solar PV project. Although a standalone project, ...

The sharp growth in renewable energy production, and the pursuit of ambitious global targets on new capacity, bring with them a significant challenge, alongside huge potential for the ...

As of April 2024, the capacity of Chile's operating battery energy storage projects is 604 MW/2.5 GWh, with an average storage time of 4.2 hours. The energy share of independent ...

Chile is set to surpass its 2050 energy storage targets in just four years, with projects underway to add 1,800 MW of capacity by 2027. This remarkable acceleration places the South ...

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

Global energy storage capacity was estimated to have reached 36,735 MW by the end of 2022 and is forecasted to grow to 353,880 MW by 2030. Chile had 91 MW of capacity in 2022 and this ...

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With 23 energy storage projects already approved, totaling an impressive 3,000 MW of capacity, Chile is at the forefront of innovation and efficiency in Latin America.

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 Chilean Ministry ...

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 ...

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