



FTMRS SOLAR

# Chilean hydroelectric energy storage power station





## Overview

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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.

Which Chinese companies are building a solar power plant in Chile?

Chinese companies have in recent years built, or announced plans to build, Chile's longest power line, solar plants and wind farms, while in battery storage, solar giant Trina has launched three projects in the country. John Bartlett is a British journalist based in Santiago, Chile, covering economics, politics and culture.

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”.



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Chile maps out 85 energy storage projects

Oct 6, 2023 · Chile maps out 85 energy storage projects The number of ongoing and planned energy storage projects in Chile reached 85 by ...

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Chile expects to develop 2 GW of energy storage projects ...

Apr 28, 2025 · The Chilean Ministry of Energy has published its long-term strategic energy planning report for the 2023-2027 period. The Long-Term Strategic Planning (PELP) is carried ...

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Chile Focuses on Solar and Storage as Generation Capacity ...

Jul 1, 2025 · 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). ...

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Chile makes progress on energy storage with ...

6 days ago · With 23 energy storage projects already approved, totaling an impressive 3,000 MW of capacity, Chile is at the forefront of innovation ...

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Colbun plans up to 800-MW ocean-powered pumped-storage ...

Jun 3, 2024 · Chilean utility Colbun SA plans to tap into the Pacific Ocean to draw water into its proposed pumped-storage hydropower plant (HPP) with a capacity of up to 800 MW in ...

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Energy storage is a challenge and an opportunity for Chile

Aug 15, 2024 · 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 ...

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Chile maps out 85 energy storage projects

Oct 6, 2023 · Chile maps out 85 energy storage projects The number of ongoing and planned energy storage projects in Chile reached 85 by August 2023, with their capacity totaling 6.4 ...

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Chile regulator kicks back Colbun's 800MW pumped hydro ...

Aug 15, 2024 · Chile utility Colbun has faced a setback to an 800MW pumped hydro storage project, after its environmental review process was terminated.

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Chile Focuses on Solar and Storage as ...

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Chile makes progress on energy storage with 20+ approved ...

6 days ago · 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.

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Colbún proposes 800 MW desalinated water ...

Jun 6, 2024 · Chilean utility Colbún has unveiled plans for a massive pumped storage hydropower project in northern Chile. The facility will use ...

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Chile regulator kicks back Colbún's 800MW ...

Aug 15, 2024 · Chile utility Colbún has faced a setback to an 800MW pumped hydro storage project, after its environmental review process was ...

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Colbún proposes 800 MW desalinated water-powered pumped storage ...

Jun 6, 2024 · Chilean utility Colbún has unveiled plans for a massive pumped storage hydropower project in northern Chile. The facility will use desalinated water from the Pacific Ocean to store ...

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HYVITY partners with HYDROGRID on Chile's 450MW pumped storage ...

Sep 4, 2025 · French renewable energy developer HYVITY has selected HYDROGRID to support the feasibility and development of a 450MW closed-loop pumped storage hydropower (PSH) ...

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How Energy Storage is Powering Chile's Sustainable Future

Oct 15, 2024 · The Chilean energy transition is facilitated by a rare confluence of factors: widespread political consensus, partnerships between public and private entities, and the ...

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Colbún plans up to 800-MW ocean-powered ...

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