



MODERNIZATION SOLAR

Chilean scenery tide storage





Overview

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).

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'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.

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.



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[Assessment of tidal energy resources in the Strait of ...](#)

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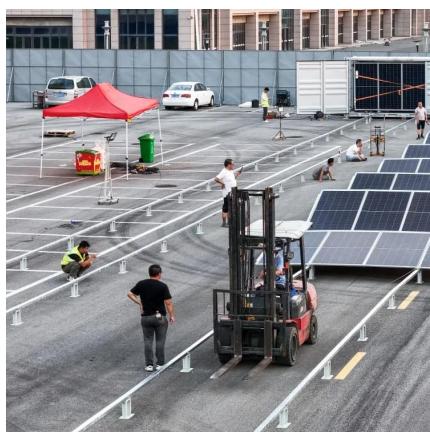
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[How Energy Storage is Powering Chile's Sustainable Future](#)

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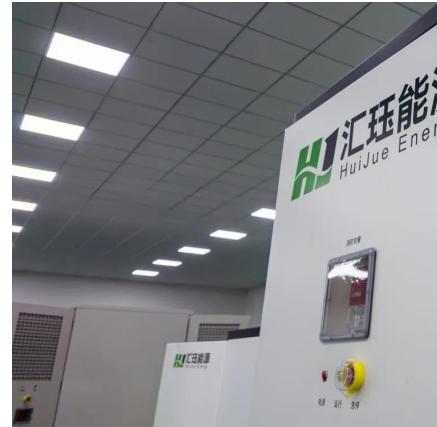
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The Results Due to this additional system put in place, the Chilean Navy has been allowing TCVAL to use the entire tide range. Ships can also be kept ...



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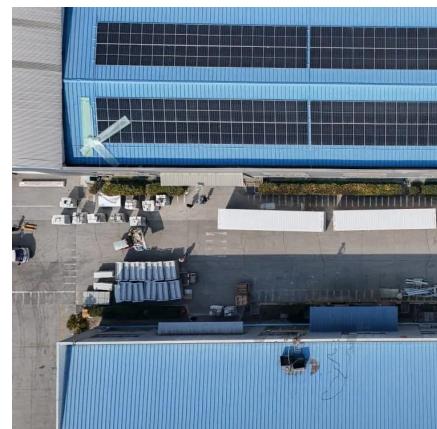


Case Study: Real-time tide measurements to increase ...

The Results Due to this additional system put in place, the Chilean Navy has been allowing TCVAL to use the entire tide range. Ships can also be kept moored at half tide when the tide is ...

The Strait

The Strait of Magellan in Chilean Patagonia (Lat: 53.5°S) connects the Atlantic with the Pacific Oceans through a narrow passage. Stress from navigation, oil and coal industries combined ...



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 ...



[Chile: BESS as an answer to solar curtailment, ...](#)

Jan 27, 2025 · The current wave of excitement around Chile's BESS market started in October 2022, when the Chilean government passed legislation ...



[Chile Energy Storage Industry Holds Promise , EMIS](#)

Jun 5, 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 ...



[21 TOP: The most beautiful places in Chile](#)

Mar 7, 2017 · At the heart of the Torres del Paine National Park are the massive granite towers Cuernos del Paine headed by the highest Cerro

...



[600 MWh of BYD batteries arrive for Chile's ...](#)

Dec 13, 2024 · Greenergy, a Spanish independent power producer focused on the development of photovoltaic, wind, and energy storage projects, has ...



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Chile Energy Storage

May 3, 2022 · Chile's goal to achieve 80% renewable grid by 2030 and a 100% zero emissions grid by 2050, will require an estimated 2,000 MW of energy storage every 10 years.



Accelerating the future of energy (storage), together , AES

2 days ago · Together, we'll add 1,500 MWh of batteries over the next two years. This means multiplying today's storage capacity by nearly 25X while reducing the country's dependence ...



Tidal Energy Storage 101

Jun 11, 2025 · Discover the potential of tidal energy storage and its role in the renewable energy landscape, exploring its benefits and challenges.

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