

Chilean energy storage solar container lithium battery





Overview

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.

How many energy storage projects are in Chile?

According to a December 2023 publication on the InvestChile website, the country had 23 approved energy storage projects with a total of 3,000 MW of capacity. Chile is exploring a variety of solutions to keep abreast of the changing energy demand landscape ranging from BESS to innovative projects using CO₂.

Does Engie Chile have a lithium-ion battery storage system?

Engie Chile, meanwhile, has two lithium-ion battery storage systems in operation, with a total capacity of 141 MW. At the beginning of next year, the company will inaugurate a 264 megawatt-hour, 96-battery facility, taking its total BESS portfolio in Chile to 371 MW.

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.



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Chilean company begins construction of one of its largest battery

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How Energy Storage is Powering Chile's Sustainable Future

Oct 15, 2024 · The Opportunity and Challenge Chile possesses some of the world's best conditions for solar power generation, particularly in the Atacama Desert, which experiences ...

Chile Moves Big On Solar Battery Storage

Sep 8, 2025 · Located in the Atacama Desert in northern Chile, this megaproject will have a total capacity of 2 GW of photovoltaic generation and 11 GWh of lithium-ion battery storage, ...

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The Definitive 2026 Guide: Chile's Energy Storage Policies ...

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