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Chile energy storage solar container lithium battery factory





Overview

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.

What is the largest battery-based energy storage system in Latin America?

In March 2024, BESS Coya, the largest battery-based energy storage system in Latin America, started operations. The facility is located in the Antofagasta region and has a storage capacity of 638 MWh, with 139 MW of installed capacity. The project utilizes lithium-ion batteries and stores the energy generated by the 180-MW Coya photovoltaic plant.

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.

Why does Chile need more energy storage?

Chile is currently a hotbed of grid-scale energy storage activity, with huge levels of solar curtailment, massive energy price volatility and regulatory reforms helping to drive the need for more storage. See all recent coverage of the country [here](#).



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[Top five energy storage projects in Chile](#)

Sep 10, 2024 · The AES Los Andes Solar PV Park - Battery Energy Storage System is a 112,000kW lithium-ion battery energy storage project located in Calama, Antofagasta, Chile.

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News

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