

Chile's new energy storage installed capacity

How many energy storage projects are in Chile?

Currently, 36 of the 129 large-scale projects in Latin America 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:

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 much battery storage capacity does Chile have?

According to data from Acera, the Chilean Renewable Energy Association, there are only 64 MW of battery storage capacity currently active, representing 0.2% of national capacity. AES Andes, a subsidiary of U.S. company AES Corp. operates all 64 MW at their Angamos and Los Andes substations.

Is lithium ion battery storage available in Chile?

While many projects are under development, lithium-ion battery storage is still limited. According to data from Acera, the Chilean Renewable Energy Association, there are only 64 MW of battery storage capacity currently active, representing 0.2% of national capacity.

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'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.

18 hours ago; In its new report titled Latin America Energy Storage Outlook 2025, the research and consultancy firm finds that Chile leads the region with the largest installed storage ...

As of 2022, Chile's energy storage deployment has developed slowly, with less than 300 MW of installed capacity (excluding PHS). The Chilean government has now set an ...

The Atacama desert region in Chile is a hotbed of solar and storage activity. Image: Elias Roviello. Nine



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projects pairing solar or wind with energy storage submitted environmental ...

Olmedo revealed that 460 MW of installed BESS (Battery Energy Storage System) storage capacity is already in operation. In addition, as of November, there are 23 projects with ...

In terms of application, equipping energy storage in renewable electricity generation projects is the main application field for new type energy storage, with a cumulative installed capacity ...

News 23 APR 2025 METLEN and Glenfarne seal landmark deal for Solar and Battery Energy Storage Systems in Chile with total installed capacity of 588 MW and energy storage capacity ...

Atlas recently closed \$510 million in financing for its Estepa project in Chile, a hybrid system with an installed solar capacity of 215 MW and two battery energy storage systems.

METLEN and Glenfarne seal landmark deal for Solar and Battery Energy Storage Systems in Chile with total installed capacity of 588 MW and energy storage capacity of 1,610 ...

ENGIE obtained approval from the National Electricity Coordinator (CEN) to start commercial operation of BESS Coya, the largest battery energy storage system in Latin America to date. ...

Without these flexible power plants, Chile would need to invest in over 40 GW of excess renewable and energy storage capacity to ensure the same security of supply, ...

Chile plans to deploy five gigawatts of battery storage capacity by 2030, together with the commissioning of the 3 GW Kimal-Lo Aguirre high-voltage direct current transmission ...

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