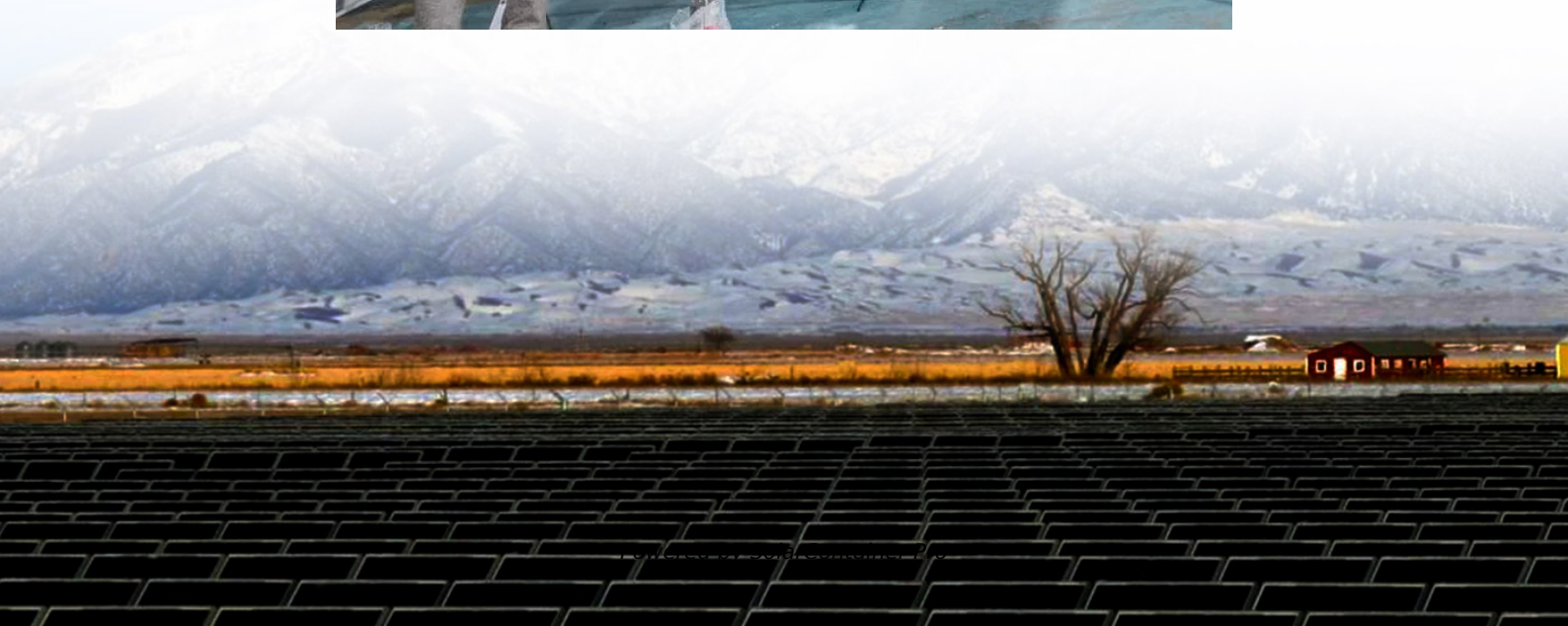


Chile Energy Storage Project





Overview

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.

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:

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 can Chile keep up with the changing energy demand landscape?

Chile is exploring a variety of solutions to keep abreast of the changing energy demand landscape ranging from BESS to innovative projects using CO₂. In March 2024, BESS Coya, the largest battery-based energy storage system in Latin America, started operations.

Are battery energy storage systems a viable alternative for Chilean power producers?

With transmission lines at overcapacity and permitting delays slowing the development of new grid infrastructure, battery energy storage systems



(BESS) have surged as a profitable alternative for Chilean power producers.

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)



Chile Energy Storage Project



Chile: AES Andes begins construction on co-located energy storage

AES Andes, part of US-based energy company AES, has started construction on two major renewable energy and storage projects in Chile's Antofagasta region. The Pampas ...

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Zelesra secures 220MW/1GWh solar-plus-storage PPA in Chile

This is the second solar-plus-storage PPA in Chile for Abastible in the past month. Image: Zelestra. Spanish renewables developer Zelestra has signed a long-term power ...

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[Chile Already Halfway to 2 GW Energy Storage Target](#)

Chile's energy storage sector is experiencing significant growth, as outlined in the latest "Report on Projects Under Construction and Investment in the Energy Sector" by the ...

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Chile makes progress on energy storage with 20+ approved projects

The technological diversity of energy storage projects in Chile is remarkable. From battery storage systems to innovative projects with



gases such as CO2, the country is exploring different ...

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In Chile, ENGIE starts commercial operation of the largest Battery

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.

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Sungrow plans 923 MWh battery, transmission project in Chile

The project involves a 120 MW battery energy storage system (BESS) and a 220 kV high voltage line with a length of 230 meters, located in the commune of Melipilla, ...

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Chile Energy Storage Project Tender Announcement: What You ...

Why Chile's Latest Tender Is a Big Deal for Renewable Energy Buffs If you're in the energy storage game, Chile's 2025 tender announcement is like spotting a rare bird in the ...

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Zelestra signs major BESS agreement with Sungrow for 1 GWh of energy

The significant deal will see the supply of Sungrow's PowerTitan 2.0 liquid-cooled Battery Energy Storage System and supply of Sungrow's MV Power Conversion Unit for the 1 ...

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Energy storage is a challenge and an opportunity for Chile

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 ...

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Chile inaugurates its largest standalone battery energy storage project

Chile Energy Minister Diego Pardow was present at the inauguration of the 200 MW/800 MWh BESS del Desierto, a project its developers describe as the first large-scale ...

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