

Prospects of Chile's energy storage power supply field





Overview

Driven by the dual engines of ambitious decarbonization mandates and the existential needs of its world-leading mining industry, Chile's energy storage capacity is poised for exponential growth. 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?

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.

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 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.



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Chile launches short-term power auction for ...

May 6, 2025 · Chile's national energy commission (CNE) launched on Monday its latest power supply auction, offering 1,680 GWh annually to ...

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 ...

Future Prospects of Battery Energy Storage Systems (BESS) in Chile ...

Sep 30, 2025 · This trend reflects not only the growing demand for energy storage solutions but also the increasing recognition of their role in achieving energy transition goals.

Energy storage is a challenge and an opportunity for Chile

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How is the Chilean home energy storage market? , NenPower

Sep 14, 2024 · Chilean home energy storage is experiencing a significant transformation driven by growing energy demands, environmental considerations, and advancements in storage ...

Chile Energy

Jul 1, 2025 · Chile's electrical energy sector is divided into three components: generation, transmission, and distribution. Each is operated entirely by private companies, both of local ...

Chile advances regulation to support ambitious storage ...

Nov 21, 2024 · Between 2023 and 2030, 5.9 GW and 24.7 GWh of energy storage is forecast to be installed: o Chile's administration considers storage strategic for the country's goals (at least ...

Chile Focuses on Solar and Storage as ...

Jul 1, 2025 · Chile is rapidly moving to build more power generation capacity, with much of that effort focused on renewable energy resources and ...

Chile Energy Storage Industry Holds Promise , EMIS

Jun 5, 2024 · The project is Atlas Renewable Energy's first foray into battery storage technology, which the company sees as essential for increasing the share of renewable energy



sources in ...

Chile Energy Information

2 days ago · Industry and transport demand increased significantly since 2010, with stable energy prices." - Chile's Issues & Prospects: Chile is ...

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 ...

The weekend read: Chile taps 'white gold' for ...

Aug 31, 2019 · Developments in the photovoltaic market, alongside implementation of more efficient energy storage systems, are positioning ...

Chile Leads Latin America with the Largest ...

Chile has taken a significant step in the development of clean energy with the inauguration of the largest battery energy storage system (BESS) in Latin ...

Chilean Battery Energy Storage Systems Stabilize Energy Supply...

Apr 2, 2025 · Fitch Ratings-Sao Paulo/New York-01 April 2025: Project finance transactions in Chile are expected to increase due to the recent commissioning of large battery energy ...

Energy

The energy market is a broad term that encompasses all forms of energy, including fossil fuels, renewable sources, and nuclear power. It is a crucial sector of the global economy, as energy ...

Chile Focuses on Solar and Storage as Generation Capacity ...

Jul 1, 2025 · Chile is rapidly moving to build more power generation capacity, with much of that effort focused on renewable energy resources and battery energy storage systems (BESS).

Technologies and economics of electric energy storages in power ...

Nov 19, 2021 · As fossil fuel generation is progressively replaced with intermittent and less predictable renewable energy generation to decarbonize the power system, Electrical energy ...

Banking on batteries in Chile

Sep 18, 2024 · A new power sufficiency regulation, which essentially operates as a capacity mechanism - a method of securing enough generation and storage assets to guarantee ...

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

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Chile Energy Storage

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grid by 2050, will require an estimated 2,000 MW of energy storage every 10 years.

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