

# **Chile Institute of Chemical Engineering Energy Storage Project**





## Overview

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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 CO<sub>2</sub>.

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.

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.

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 64MW of battery storage capacity currently active, representing 0.2% of national capacity.



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Energy storage is a challenge and an opportunity for Chile

Aug 15, 2024 · The sharp growth in renewable energy production, and the pursuit of ambitious global targets on new capacity, bring with them a significant challenge, alongside huge ...

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Chile maps out 85 energy storage projects

Oct 6, 2023 · The number of ongoing and planned energy storage projects in Chile reached 85 by August 2023, with their capacity totaling 6.4 ...

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Chile moves on storage to 'decarbonize the night'

Sep 4, 2025 · Chile has emerged as a world leader in hybrid systems and standalone energy storage since implementing its Renewable Energy Storage and Electromobility Act in 2022. ...

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Chile Energy Storage

May 3, 2022 · Chile's goal to achieve 80% renewable grid by 2030 and a 100% zero emissions grid by 2050, will require an estimated 2,000 MW of energy storage every 10 years.

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CIP begins construction of energy storage ...

Oct 7, 2024 · CIP will continue to explore opportunities to expand its presence in the clean energy sector in Latin America. The Arena BESS ...

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Top five energy storage projects in Chile

Sep 10, 2024 · Global energy storage capacity was estimated to have reached 36,735MW by the end of 2022 and is forecasted to grow to 353,880MW by 2030. Chile had 91MW of capacity in ...

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Chile Energy Storage Project Tender Announcement: What ...

Dec 3, 2024 · 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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Energy storage is a challenge and an ...

Aug 15, 2024 · The sharp growth in renewable energy production, and the pursuit of ambitious global targets on new capacity, bring with them a ...

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Chile makes progress on energy storage with 20+ approved ...

5 days ago · With 23 energy storage projects already approved, totaling an impressive 3,000 MW of capacity, Chile is at the forefront of innovation and efficiency in Latin America.

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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

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sources in ...

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#### How Energy Storage is Powering Chile's Sustainable Future

Oct 15, 2024 · The Situation Chile, a nation of approximately 20 million people, is embarking on an ambitious journey toward a more sustainable energy future. With a historically fossil fuel ...

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#### Chile maps out 85 energy storage projects

Oct 6, 2023 · The number of ongoing and planned energy storage projects in Chile reached 85 by August 2023, with their capacity totaling 6.4 gigawatts (GW), PV Magazine reports.

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#### CIP begins construction of energy storage project in Chile

Oct 7, 2024 · CIP will continue to explore opportunities to expand its presence in the clean energy sector in Latin America. The Arena BESS project is clear evidence of the need for advanced ...

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