

Chile Energy Storage New Energy





Overview

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.

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 much battery storage capacity does Chile have?

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. AES Andes, a subsidiary of U.S. company AES Corp. operates all 64MW at their Angamos and Los Andes substations.

Will Chile support the energy transition?

A spokesperson for Engie Group told Dialogue Earth that Chile is seen as one of its strategic countries for supporting the energy transition, which "entails the investment of USD 1.8 billion by 2027. Our plan in Chile considers



incorporating 1.4 GW to reach 2 GW of installed capacity in clean energy, including 2 GWh in storage systems”.

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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CIP building 1.1 GWh standalone battery storage ...

Copenhagen Infrastructure Partners (CIP) has approved a final investment decision and started construction of the Arena battery energy ...

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How Energy Storage is Powering Chile's Sustainable Future

Through the deployment of cutting edge battery storage technology, Fluence is not only addressing the technical challenges of Chile's energy transition but also contributing to the ...

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Canadian Solar Chile to Deliver 912 MWh Energy Storage by 2026

As Chile expands its renewable energy capacity, Canadian Solar's expertise in energy storage will be instrumental in supporting the country's energy transition. The ...

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[Chile makes progress on energy storage with 20](#)

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 ...



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In numbers: Solar and battery storage powerhouse ...

Chile has reached fresh milestones in its energy transition amid a rapid build-out of solar and battery storage infrastructure. The context: The ...

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Renewable Energy 2024

Additionally, it is expected to provide adequate price signals for the development of new generation and energy storage infrastructure. As ...

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Chile seeks multi-gigawatts of large-scale storage for ...

The government of Chile will launch a bill this year to procure large-scale energy storage systems for commissioning in 2026 totalling US\$2 billion ...

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Chile Focuses on Solar and Storage as Generation ...

Solar power combined with battery energy storage is at the forefront of Chile's recent generation growth.

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Greenergy Signs Chilean Storage Deal

Greenergy has signed a new supply agreement with BYD Energy Storage for the delivery of 3,500 MWh in energy storage systems, to be deployed in the sixth phase of the ...

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Will Chile become the second-largest new energy storage market ...

From a project planning perspective, Chile is likely to emerge as the second largest energy storage market (excluding pumped hydro storage or PHS) in the Americas. ...

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CIP starts construction on 1.1GWh standalone BESS in Chile

CIP has reached final investment decision on a 220MW/1,100MWh battery energy system storage in Antofagasta, Chile.

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Energy storage is a challenge and an opportunity for ...

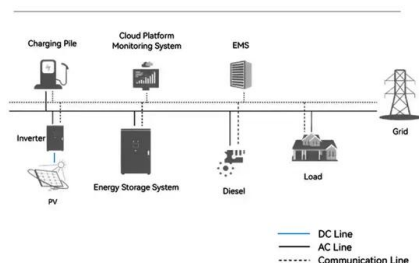
As renewables scale up, the need to store energy is increasing. Chile is leading the way in Latin America and has more projects in the ...

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48V 100Ah

System Topology



Chile Already Halfway to 2 GW Energy Storage Target

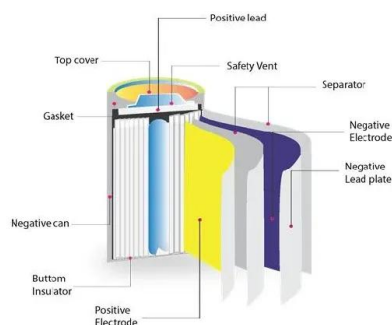
Chile's energy storage sector is experiencing significant growth, as outlined in the latest "Report on Projects Under Construction and Investment in the Energy Sector" by the ...

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Chile: CJR, Sungrow project, capacity market for ...

The 244MWp Sol del Desierto PV project in Antofagasta, Chile. Image: Atlas Renewables / PR Newswire. Chile has passed new regulations ...

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Will Chile become the second-largest new energy ...

From a project planning perspective, Chile is likely to emerge as the second largest energy storage market (excluding pumped hydro storage ...

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Chile: Approval of Significant Changes in Recognition and ...

A methodology has been introduced to evaluate and recognize the power capacity of stand-alone energy storage systems, and the availability of data and studies has been ...

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[Chile moves on storage to 'decarbonize the night'](#)

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 inaugurates its largest standalone battery energy storage ...

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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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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Chile makes progress on energy storage with 20

The technological diversity of energy storage projects in Chile is remarkable. From battery storage systems to innovative projects with gases such as CO₂, ...

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Energy storage is a challenge and an opportunity for Chile

As renewables scale up, the need to store energy is increasing. Chile is leading the way in Latin America and has more projects in the pipeline, but hurdles remain Chilean ...

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Chile Energy Storage

Chile will need new renewable energy storage systems to replace its current backup capacity of coal-fired plants and natural gas-powered combined cycle turbines and ...

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Energy Storage's Next Evolution Is Unfolding in Chile

The conditions driving Chile's new evolution in energy storage are setting the stage for similar projects across the country, as well as in other ...

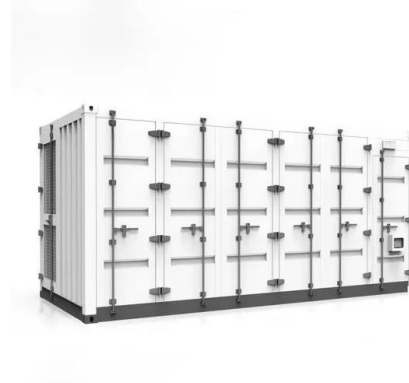
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In numbers: Solar and battery storage powerhouse Chile sets new ...

Chile has reached fresh milestones in its energy transition amid a rapid build-out of solar and battery storage infrastructure. The context: The South American nation's brisk shift ...

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Metlen secures 2.5GWh BESS EPC contracts in Chile ...

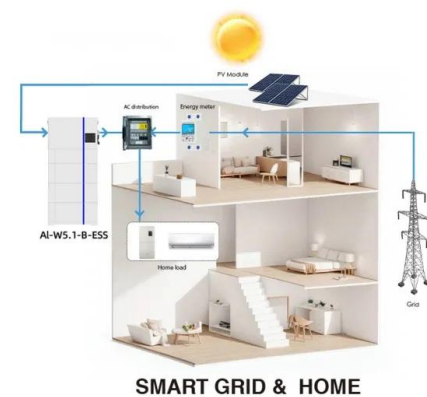
Greek renewables developer Metlen Energy & Metals has secured three battery energy storage system EPC contracts in Chile.

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Chile inaugurates its largest standalone battery ...

Chile Energy Minister Diego Pardow was present at the inauguration of the 200 MW/800 MWh BESS del Desierto, a project its ...

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CHILE

Chile has established itself as a leader in renewable energy in Latin America, surpassing 40% of its total energy production from clean sources in 2024. This achievement has been driven by ...

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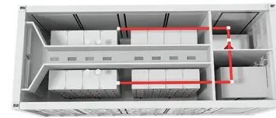




Chile Power System Outlook

As the world's largest energy operator dedicated exclusively to renewable energy, ACCIONA is committed to the development of the Chilean renewables sector. We currently own 291MW of ...

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CATL to supply 1.25GWh energy storage to 11GWh project in Chile

The capacity will be for the Oasis de Atacama solar-plus-storage project in Chile, which is the 'world's largest energy storage' project with a total 11GWh of battery capacity and ...

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