

Chile's distributed photovoltaic energy storage policy

Does Chile have a capacity payment system?

Since 1982, the Chilean market has recognized capacity payment for plants that contribute adequacy to the electrical system. With Law 20.936 of 2016, the existence of energy storage systems (Energy Storage Systems or SAE) and hybrid energy systems (Renewable Plants with Storage Capacity or CRCA) was recognized in the law.

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".

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.

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.

Which Chinese companies are building a solar power plant in Chile?

Chinese companies have in recent years built, or announced plans to build, Chile's longest power line, solar plants and wind farms, while in battery storage, solar giant Trina has launched three projects in the country. John Bartlett is a British journalist based in Santiago, Chile, covering economics, politics and culture.

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)

The Senate of Chile has unanimously passed major legislation which will incentivise the deployment of energy storage and electric vehicle (EV) technology. The Senate ...

Chile is rapidly moving to build more power generation capacity, with much of that effort focused on

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renewable energy resources and battery energy ...

Having launched a national storage strategy in 2023 that sets targets and aims to attract investment in the sector, and with a large pipeline ...

As part of the 2025 national budget, Chile is allocating \$1.2 billion in subsidies specifically for energy storage initiatives. Priority funding is directed toward integrated solar ...

Therefore, we suggest that investors closely monitor the specific details of market-based transactions and the potential accompanying policies. At the same time, we believe that ...

There are currently more than 3.9 GW of photovoltaic power under construction in the country. Nearly 70% of Chile's electricity generation in June ...

Market Segment Insights The utility-scale solar energy segment is projected to hold a large market share In terms of deployments, the Chile solar energy market is segmented into ...

During its recent participation in COP28 in Dubai, Chile not only reaffirmed its commitment to renewable energy, but also highlighted its focus on energy ...

A coalition of three renewables associations in Chile have released a joint statement expressing "deep concern and opposition" to the Chilean government's proposals to ...

This study not only aids in investment decision making for photovoltaic power stations but also contributes to the formulation of energy storage subsidy policies.

California-based Nextracker, along with ENGIE Chile, in May announced an energy initiative called PV and BESS Libélula, which consists ...

Felipe Gallardo, director of studies at the Chilean Association of Renewable Energy and Storage (ACERA), said several factors have driven the growth of photovoltaics. One is the country's ...

Chile is actively working towards achieving carbon neutrality by 2050, defined under the Ley Marco de Cambio Climático or Framework Law ...

Having launched a national storage strategy in 2023 that sets targets and aims to attract investment in the sector, and with a large pipeline of projects on the way, Chile's ...

During its recent participation in COP28 in Dubai, Chile not only reaffirmed its commitment to renewable energy, but also highlighted its focus on energy storage as a fundamental pillar of ...

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The Chilean Congress is currently considering a legislative proposal introduced by the Chilean Government aimed at subsidizing electricity costs for approximately 4.7 million ...

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