

Title: Chilean grid-side energy storage project

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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:

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)

Will Chile achieve a 100% renewable grid by 2050?

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.

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".

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 ...

The Chilean energy transition is facilitated by a rare confluence of factors: widespread political consensus, partnerships between public and private entities, and the embrace of innovative ...

The installed capacity for energy storage has been growing rapidly despite a low starting point. This growth has been particularly significant as energy storage has traditionally played a marginal role. ...

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 Chilean Ministry ...

# Chilean grid-side energy storage project

Santiago, Chile -- October 2025 -- Trina Storage and Atlas Renewable Energy have joined forces to deliver one of the most advanced energy storage systems in Latin America: the Copiapó PV + BESS ...

The project aims to support the integration of large-scale solar projects into the Chilean grid, helping to reduce CO2 emissions in the region. BESS ( battery storage system ) technology will ...

In related standalone BESS Chilean news, DNV provided support to Atlas Renewable Energy's 800MWh project in Antofagasta. Image: Atlas Renewable Energy Copenhagen ...

A joint venture (JV) between EDF and developer AME has begun construction of large-scale battery and solar photovoltaic (PV) projects in Chile, with 2GWh storage capacity.

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.

The near-\$300 million project will feature a 960 MWh battery energy storage system (BESS) and 340 MW of solar generation capacity and will feed into Chile's National Electric System ...

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