

Chilean Villa solar container energy storage system

Is Chile ready for a standalone energy storage project?

This project alone nears the capacity (13GWh) the Chilean Ministry of Energy sought in a public land bidding auction for standalone energy storage projects in May of 2024. Chile has been one of the countries at the forefront of the renewable energy transition in Latin America, first with solar PV and now with BESS.

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)

Why is energy storage important in Chile?

Image: Greenergy Grid constraints have prevented Chile from maximising the potential of its world-class solar resources. Energy storage has, therefore, become a necessity to ensure the financial viability of PV projects, writes Jonathan Tourino Jacobo.

How much energy storage will Chile have in 2024?

During the Energy Storage Summit Latin America (ESS LatAm) in October 2024, Ana Lilia Rojas, executive director at the Chilean renewable energy and energy storage association (ACERA), explained how the current levels of curtailment in Chile, which could end up at approximately 5TWh in 2024, could power up to 3.4GW of 4-hour duration energy storage.

Canadian Solar unveils the 600 MWp Santa Isabel project, featuring a 912 MWh energy storage system. Discover the latest in Chile energy storage news.

Chilean president Gabriel Boric (centre) at the inauguration of an energy storage plant in the northern region ...

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 ...

Why Chile's Energy Storage Scene is Turning Heads a country so rich in sunlight that solar panels practically beg to be installed, yet so mountainous that storing that energy ...

The Opportunity and Challenge Chile possesses some of the world's best conditions for solar power generation, particularly in the Atacama Desert, which experiences ...

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). ...

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Chile has strong conditions for wind and solar energy, and is pursuing Chile approves 360 MWh battery system for co-located project Aug 11, The facility ...

Canadian Solar unveils the 600 MWp Santa Isabel project, featuring a 912 MWh energy storage system. Discover the latest in Chile ...

The current wave of excitement around Chile's BESS market started in October 2022, when the Chilean government passed legislation ...

Chile's booming solar energy market in 2025, with policy support, industrial trends, and MOTOMA's turnkey solar + storage solution for mining, agriculture, and residential sectors.

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. ...

As the number of solar installations in Chile continues to rise, so does the need for effective energy management systems, positioning the home energy storage market as an ...

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