
Capacity of the Chilean Valparaiso Independent Energy Storage Project

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.

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 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 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.

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Solar arrays at Greenergy's Oasis de Atacama project in Chile. Image: Greenergy Greenergy has raised financing for the fourth phase of a ...

Three standalone BESS with a total of more than 2.8 MWh of energy storage capacity were submitted for environmental assessment in Chile in the space of a week. ...

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Outline plan of Aypa Power's Gabriel Battery Storage project, as shown at a July meeting of the board of directors at CCA Peninsula Clean Energy. Image: Aypa Power / ...

Source: dialogue.earth Chilean president Gabriel Boric (centre) at the inauguration of an energy storage plant in the northern ...

Upcoming capacity payment and expected BESS revenues in Chile All Chilean energy storage players, ranging from IPPs to PCS providers, are now closely awaiting the ...

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 sources in ...

This is CIP's first energy storage project in Chile, but it is part of the company's broader strategy to invest in renewable energy across ...

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