

## ContainerPower Energy Solutions

# Which Chilean energy storage equipment manufacturer is the best



## Overview

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Are battery energy storage systems a viable alternative for Chilean power producers?

With transmission lines at overcapacity and permitting delays slowing the development of new grid infrastructure, battery energy storage systems (BESS) have surged as a profitable alternative for Chilean power producers.

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?

According to a December 2023 publication on the InvestChile website, the country had 23 approved energy storage projects with a total of 3,000 MW of capacity. Chile is exploring a variety of solutions to keep abreast of the changing energy demand landscape ranging from BESS to innovative projects using CO<sub>2</sub>.

Should energy storage be a luxury asset in Chile?

Having energy storage in Chile is no longer a luxury asset but has become an “absolute necessity”, explains Alejandro McDonough, business development manager of Americas area sales at Wärtsilä Energy Storage and Optimisation (Wärtsilä ES&O).

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.

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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