



Chilean solar energy storage container





Overview

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The first two phases of Latin America's 'largest' solar-plus-storage project, Oasis de Atacama, have been commissioned in Antofagasta, Chile. Announced by ContourGlobal, a subsidiary of investment firm KKR, the first two phases consist of 221MW of solar PV and 1.2GWh of battery energy storage.

As renewables scale up, the need to store energy is increasing. Chile is leading the way in Latin America and has more projects in the pipeline, but hurdles remain Chilean president Gabriel Boric (centre) at the inauguration of an energy storage plant in the northern region of Antofagasta in April.

The National Electricity Coordinator has authorized the start of operations at BESS Coya, the largest battery-based energy storage system in Latin America. Owned by ENGIE Chile, the plant is located in María Elena, in the Antofagasta Region. It has a storage capacity of 638 MWh, with 139 MW of.

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. Ensuring projects are paid for injecting power into the grid during peak periods has supported growth, and ambitious battery energy.

The Chilean subsidiary of French utility Engie has started construction on a 151MW solar-plus-storage project in the Metropolitan Region of Chile. This is the first energy project for the utility in the central region, where the capital Santiago is located, and will include a 199MW battery energy.

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). The country as part of that ambition has a goal of producing at least 70% of its electricity from renewable energy by the end of.



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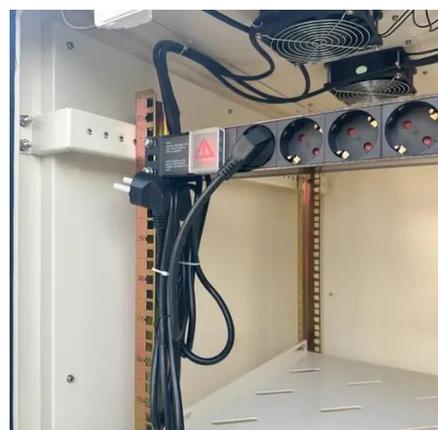
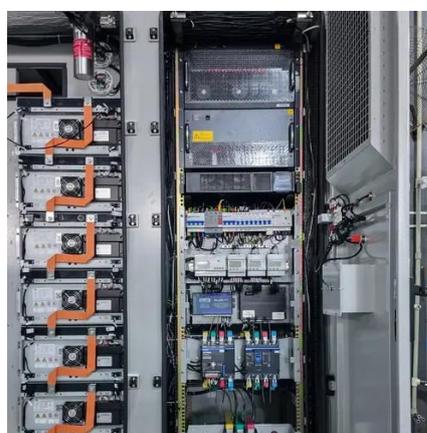


Solar and Storage Solutions: Zelestra's Vision for Chile's Grid

Zelestra will develop a 220 MWp of solar Photovoltaic and 1 GWh of energy storage capacity in Chile. Solar and storage projects are crucial in Chile's decarbonization ...

[Chile Energy Storage: Powering the Future with Innovation](#)

Chile's energy storage strategy reads like a thriller novel. The Atacama Desert - drier than a British comedy - now hosts South America's largest solar-storage hybrid plant. ...

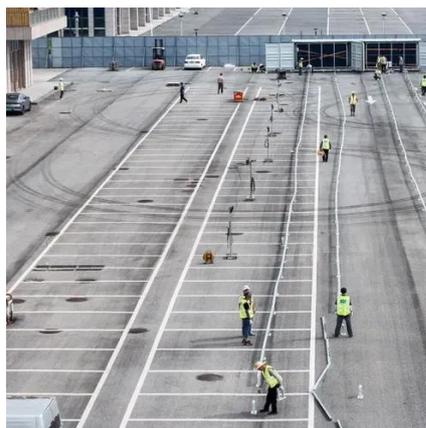


[Engie begins construction at Chile solar-plus-storage plant](#)

With an investment of US\$130 million, the project - dubbed PV & BESS Libélula - is in the early stages of construction and is forecast to begin commercial operation in the third ...

Banking on batteries in Chile

The bulk of BESS announcements in Chile concern new installations, most of them solar-plus-storage sites although some standalone battery storage projects do exist.



[Energy storage is a challenge and an opportunity for Chile](#)

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 ...



[Chile Focuses on Solar and Storage as Generation](#)

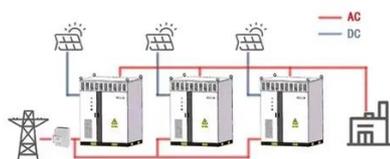
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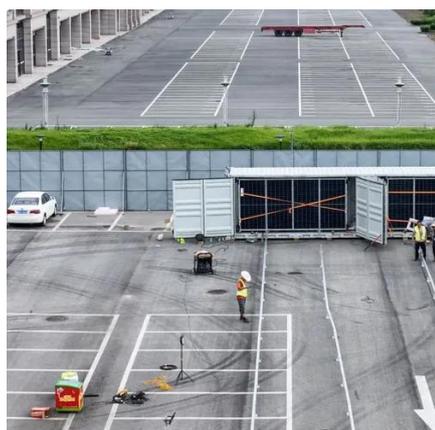
WORKING PRINCIPLE



News



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ContourGlobal brings online Chile solar-plus-storage project, Latin

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[Engie begins construction at Chile solar-plus ...](#)

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Chile solar energy market 2025 -Opportunities, Policy, Trends ...

A notable example is the 1.2 GWh energy storage project co-developed by China's Sungrow and Chile's state-owned copper giant CODELCO. The system successfully reduced electricity ...



[Chile moves on storage to 'decarbonize the night'](#)

Solar and energy storage deployment is booming in Chile, spurred on by supportive government policy that has been markedly stable for 15 years. Indeed, the nation leads Latin ...





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