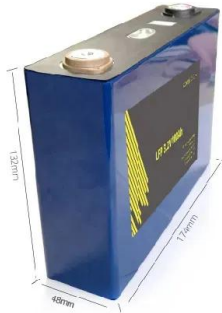


New ways to store energy Chile





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EDF Chile and UAI launch research project on Long Duration ...

The initiative aims to accelerate the transition to a 100% renewable electricity system in Chile by addressing the technical, economic, and regulatory challenges of long ...

Chile maps out 85 energy storage projects

The number of ongoing and planned energy storage projects in Chile reached 85 by August 2023, with their capacity totaling 6.4 gigawatts (GW), PV Magazine reports. Sixty projects with a total capacity of 4.7 GW are already under construction, including 50 projects totaling 3.9 GW, which will be put into operation in the period from 2024 to 2026.



EDF Chile and UAI launch research project on Long Duration Energy

The initiative aims to accelerate the transition to a 100% renewable electricity system in Chile by addressing the technical, economic, and regulatory challenges of long duration storage technologies. The goal is to contribute to a more flexible electrical system and enhance the country's ability to integrate renewable energy.

Chile: A 'showcase' for storage and the energy transition



Chile's highly ambitious energy storage strategy, coupled with its significant supplies of lithium - an important component of batteries used in energy storage systems - means that the amount of energy storage deployed in the Latin American country could soon exceed that installed in the US. Chile's lithium reserves total 9.3 million



Chile Ignites Energy Innovation with Major Battery Storage

Chile has become a green energy leader in a new development by launching Latin America's largest battery storage facility. ENGIE Chile's BESS Coya project, now operational, showcases the country's dedication to decarbonization and places Chile at the forefront of the clean energy shift.

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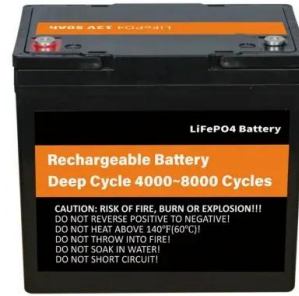
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Energy storage is a challenge and an opportunity for Chile

By 2030, Chile is seeking to supply 70% of its total energy consumption with renewable energy sources, and aims to reach carbon neutrality by 2050. Though its nightly solar shortfalls are currently plugged by fossil fuel generation, the country has pledged to close its remaining coal-fired power plants by 2040.



Chile makes progress on energy storage with 20

The technological diversity of energy storage projects in Chile is remarkable. From battery storage systems to innovative projects with gases such as CO₂, the country is exploring different solutions to meet changing energy demands.



Chile seeks multi-gigawatts of large-scale storage for 2026-2028

The government of Chile will launch a bill this year to procure large-scale energy storage systems for commissioning in 2026 totalling US\$2 billion of investment, on top of 5GWh already being sought for 2027-28.



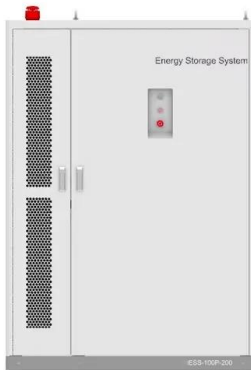
Chile launches an energy storage project which is the largest one ...

The project is planned to have an installed capacity of 139 MW and an energy storage capacity of 638 MW, using the Battery Energy Storage System technology (BESS) to store the electrical energy of the Coya PV plant, which is also part of the Group.



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Chile Energy Storage

Chile will need new renewable energy storage systems to replace its current backup capacity of coal-fired plants and natural gas-powered combined cycle turbines and improve the reliability of the country's electric grid as it pursues new renewable energy generation.



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Battery Energy Storage Systems (BESS) in Chile

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.



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