

# Chile's power grid is ready for energy storage

Source: <https://elalmacendelaireacondicado.es/Tue-25-Oct-2016-2048.html>

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Generated on: 2026-04-10 05:41:26

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Chile's goal to achieve 80% renewable grid by 2030 and a 100% zero emissions grid by 2050, will require an estimated 2,000 MW of energy storage every 10 years.

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).

Chile, whose energy mix has one of the region's highest shares of wind and solar power, offers a clear example of the challenges these dips can create.

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.

This world-first installation played a vital role in stabilizing the grid in Northern Chile and demonstrated the potential of battery storage to enhance grid reliability and free up generation capacity.

Grenergy Renovables, an independent renewable energy company based in Spain, is delivering the world's largest hybrid solar and battery storage project, Oasis de Atacama, in northern ...

To address these issues, two major developments are planned -- the large-scale deployment of battery storage and the construction of the 3 GW Kimal-Lo Aguirre transmission line.

Discover how Chile is emerging as Latin America's leading energy storage powerhouse. Explore innovative technologies, government initiatives, and investment trends driving the region's ...

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