

# **Coal-to-electricity energy storage device in Sydney Australia**





## Overview

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How is electricity stored in Australia?

This means a more reliable and constant supply of energy on and off-grid. Currently storage of electrical energy in Australia consists of a small number of pumped hydroelectric facilities and grid-scale batteries, and a diversity of battery storage systems at small scale, used mainly for backup.

Will energy storage help back up NSW's energy grid?

“This rapid growth of large energy storage projects helps back up NSW’s energy grid as aging coal-fired power stations shut down. Already, three new storage projects are set to start soaking up renewable energy from the sun and wind by the end of this year. “Renewables already make up about 40 percent of the electricity in our main grid.

Is Australia leading the global battery storage boom?

Australia is leading the global battery storage boom with AUD 2.4B invested in Q1 2025. Discover how big batteries are replacing coal, stabilizing the grid, and driving the nation’s clean energy transition.

Who is EnergyAustralia?

EnergyAustralia, a subsidiary of Hong Kong-headquartered China Light & Power, has a portfolio of energy resources that includes gas peaker plants, coal as well as two of Australia’s first large-scale battery storage projects, Gannawarra and Ballarat.



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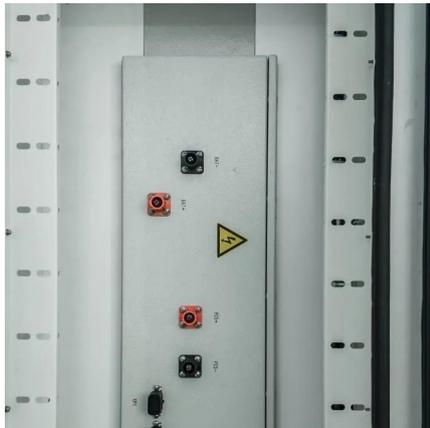
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