

Kongres Container

Profit model of Australia s energy storage power station



Overview

Are battery storage investments profitable in Australia?

Investments in battery storage within Australia's National Electricity Market (NEM) are increasingly profitable due to higher power price volatility and changing market dynamics, according to the latest report by Wood Mackenzie. Australia is a leader in renewables deployment, but battery storage investments have lagged.

Is Energy Australia focusing on storage?

EnergyAustralia, one of the big three energy utilities in Australia, says its near term focus is on storage – big batteries, home batteries and pumped hydro – after tight retail margins offsets gains from higher wholesale prices in the first half of the year.

How much is battery storage worth in Australia?

Credit: Phonlamai Photo / Shutterstock. The first quarter (Q1) of 2025 has seen a surge in investment for large-scale battery storage in Australia, with six projects worth a total of A\$2.4bn (\$1.5bn) reaching the financial commitment stage, according to the latest Clean Energy Australia Report 2025.

Why should Australia invest in energy storage systems?

Energy storage systems, such as big batteries, are a critical part of Australia's future energy mix and act as a reliable back-up system allowing us to store renewable energy for when it is needed most and keep the lights on under all conditions. It's great to see the high levels of investment we've seen over the past couple of years continue.

What is EnergyAustralia doing in Australia?

In separate releases issued in Australia, and in Hong Kong from its parent company CLP, EnergyAustralia made much of its proposed new storage projects, including the 350 MW, 1,500 MWh Wooreen battery in Victoria's

Latrobe Valley, and the proposed big battery and pumped hydro projects near Mt Piper.

Why is a Bess project a good investment in Australia?

The increase in energy consumption, driven by rapid electrification, data consumption and AI, coupled with Australia's supportive regulatory policies and record low renewable energy capital expenditures (capex) costs, have fuelled a competitive environment for quality BESS projects.

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