

Large-scale energy storage projects in Australia





Overview

What is the largest battery energy storage project in Australia?

The battery energy storage system project is currently the largest battery energy storage project in Australia under construction. It is planned at Powell Creek to stabilise and store electricity generated from a six-gigawatt solar farm in the Barkly region.

What are Australia's major energy projects?

States like New South Wales and South Australia are leading with major projects, such as: Woreen Battery Energy Storage System (350 MW / 1.4 GWh) in Victoria. Portland Energy Park, which will combine storage with renewable generation. These investments support Australia's quick move away from coal.

Are Australia's large-scale battery energy storage projects attracting federal support?

The volume of large-scale battery energy storage projects under construction in Australia passed that of solar and wind projects combined in 2023 and the trend has intensified this year, with batteries attracting federal support. As coal-fired power plants are shuttered, developers and suppliers are enjoying a battery bonanza.

Why do we need energy storage systems in Australia?

Clean Energy Council chief policy and impact officer Arron Wood said: "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.



Large-scale energy storage projects in Australia

Australia added 5 GWh of big batteries in Q1

Jun 2, 2025 · Commissioned energy storage projects by year. Image: Clean Energy Council
As at the end of 2024, there was over 8.7 GW/23.3 GWh ...

Large-scale battery storage investment in Australia reached ...

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How Australia's AUD 2.4B Battery Storage ...

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Big batteries supercharge 2025's first quarter ...

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Australia Sets Record in Clean Energy Investment and Battery Storage ...

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Sixteen Energy Storage Projects Power Australia's \$3.8 Billion ...

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Big batteries supercharge 2025's first quarter adding 1.5 GW storage

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