

Title: Energy Storage Procurement in Australia

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How can renewable storage technology transform Australia?

Renewable storage technologies have the potential to revolutionise clean and reliable energy access in remote communities, support cost-effective decarbonisation in industry and transform Australia into a green hydrogen export superpower.

Can long-duration storage projects be supported by the NSW electricity infrastructure roadmap?

Long-duration storage projects can bid for financial support under the new NSW Electricity Infrastructure Roadmap Tender 5 which is now open. This tender offers support for up to 1 gigawatt of projects, which can each release energy into the NSW grid for at least 8 hours.

Why is NSW opening a new energy storage tender?

NSW has opened the largest energy storage tender in NSW history, seeking new long-duration storage projects to boost electricity reliability and keep the lights on in NSW. These projects will help ensure a steady and reliable supply of energy around the clock.

What will NSW's new long-duration storage tender do?

This tender will take NSW closer to its target of 2 gigawatts of new long-duration storage by 2030. Long-duration storage serves an important role as it allows renewable energy such as solar and wind to be stored and then released on demand when needed. Projects could include pumped hydro, batteries, compressed air storage and other technologies.

What is Australia's 32 GW capacity investment scheme?

The Australian federal government's 32 GW Capacity Investment Scheme (CIS) is already bearing fruit, with a competitive tender seeking 600 MW of energy storage capacity in Victoria and South Australia attracting 19,000 MW of project proposals. From pv magazine Australia

Why does New South Wales support long-duration energy storage?

"The New South Wales Government's strong support of long-duration energy storage (LDES) is an encouraging step towards giving industry the certainty needed to back more investment in energy storage. This is crucial to keep the lights on and prices down, as coal exits our energy system.

FRV Australia has reached financial close on the 250MW/500MWh Gnarwarre battery energy storage system (BESS) in Victoria.

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The energy stored within 1 gigawatt of 8-hour long-duration storage is equivalent to the daily energy consumption of around 505,000 households. This tender will take NSW ...

Renewable storage technologies have the potential to revolutionise clean and reliable energy access in remote communities, support cost-effective ...

Today's announcement of retaining the eight-hour definition of long duration energy storage (LDES) within the Energy Infrastructure Act, the procurement of an additional 12 GWh ...

Australia's CIS redesign reflects a maturing energy procurement framework that prioritizes speed, transparency, and systemic value. By coupling procedural reform with a ...

Taiwan's HD Renewable Energy (HDRE) and ZEN Energy have secured a 795MW greenfield solar PV and energy storage portfolio in Australia.

EnergyAustralia achieved financial close for the Wooreen Energy Storage System on 20th February 2025. Construction will now commence on ...

CATL has partnered with renewable energy developer ACEnergy to supply 3GWh of battery energy storage systems (BESS) in Australia.

Zen Energy has received approval for a 200MW solar-plus-storage project, which could feature a BESS between 4 and 8 hours in duration.

March 2025 A practical guide to circular procurement for new buildings and major refurbishments was developed by the Green Building Council of Australia and ...

The CEFC recorded its single largest investment in the HumeLink transmission project last year. Image: Eku Energy. Australia's Clean Energy ...

As Australia moves towards high DER penetration and high renewable energy generation, there will be a need for more battery energy storage systems to offset operational ...

RWE has been awarded a long-term contract for a 50MW/400+MWh battery storage project in New South Wales, Australia.

AEMO has revealed a significant increase in battery energy storage system (BESS) output in Australia's National Electricity Market (NEM).

Corporations and supply chains must reassess their renewable energy procurement strategies, engage in early REGO markets once they become available in 2025, ...

