

Canberra utility-scale energy storage



Overview

The large-scale battery energy storage system (BESS) will provide at least 250 megawatts (MW) of power. This is enough energy to power one-third of Canberra for two hours during peak demand periods.

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The next generation of energy storage

ACT has become a leader in energy storage with the successful completion of the Next Generation Energy Storage program and investment in large-scale batteries. The ACT is electrifying

[Advancing Canberra's Energy Landscape with Community Battery Energy](#)

Over the next year, three new community-scale battery energy storage systems (BESS) will be deployed across Canberra to optimize solar energy usage, stabilize grid demand, and



Big Canberra Battery - Williamsdale BESS

The large-scale battery storage system will deliver 250 megawatts (MW) of power, store renewable energy and support grid reliability. Enough energy to power one-third of Canberra for two

act Archives

Energy storage developer Eku Energy has started constructing a 250MW/500MWh battery energy storage system (BESS) in Canberra, the Australian Capital Territory (ACT).



[Canberra Energy Storage Reservoir](#)



[Progress: Powering Australia's](#)

Australia's capital is stepping into the renewable energy spotlight with its ambitious Canberra energy storage reservoir project.

[Utility-Scale Energy Storage in Australia \(September 2024\)](#)

South Australia is preparing a long-duration storage tender (with at least 30 MW output and 8-hour duration), expected to launch in 2025. SA has identified a need for up to 2,400 MW of LDES by 2030.



Eku Energy

The ACT Government is future-proofing Canberra's energy supply by expanding its renewable energy storage with a new partnership with global specialist energy storage business, Eku Energy, launched

[Macquarie's Eku gets green light for 500 MWh Canberra big battery](#)

The government said the big battery project will be capable of responding rapidly to network constraints and will be able to store enough renewable energy to power one-third of



[Australia becomes world's third-largest utility battery market](#)

In 2025, Australia surpassed the United Kingdom to become the third-largest market for utility-scale battery energy storage systems (BESS) globally, behind China and the United States.

[Significant milestone for the Big Canberra Battery](#)

This 250-megawatt (MW), 500 megawatt-hour (MWh) battery energy storage system (BESS) is part of the Big Canberra Battery project and can store enough renewable energy to power



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