

Title: Canberra energy storage policy updates

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How will battery storage affect Canberra's electricity grid?

Battery storage will play an increasing role in Canberra's electricity grid as we move towards electrifying our city and achieving net zero emissions by 2045. Renewable energy such as wind and solar energy make electricity that large-scale batteries can store. Batteries help support the electricity grid when the sun and wind can't.

Will Eku energy build a 250-megawatt battery storage facility in Canberra?

In April 2023, the ACT government announced Eku Energy would spend up to \$400 million building a 250-megawatt battery storage facility in Canberra. The battery could deliver power on a single charge to meet the daily energy use of 23,400 households.

How much power will the Big Canberra battery deliver?

The Big Canberra Battery will be capable of delivering 250 MW of power - more than a third of Canberra's peak electricity demand. It will be able to deliver this power for two hours. The Big Canberra Battery will have 500 MWh of capacity, which on a single charge could supply 23,400 households with their daily energy use.

What does Williamsdale's battery storage system mean for Canberra?

The large-scale battery storage system in Williamsdale will deliver 250 megawatts (MW) of power, store renewable energy and support grid reliability. This is enough energy to power one-third of Canberra for two hours during peak demand periods. Behind-the-meter batteries were installed to help power essential services across nine government sites.

"Wind and solar generate clean electricity, and large-scale batteries allow us to store that energy and support the grid," Minister Orr said. "Through the Big Canberra Battery project, the ACT ...

The Big Canberra Battery project has reached another milestone. A transformer was delivered to the Williamsdale construction site this week. The transformer makes sure the electricity ...

Eku Energy has finalized financing for its 250 MW/500 MWh energy storage system in Canberra, contributing to the energy security of the ACT and its ambitious climate goals.

This allows renewable energy to flow to homes and business across Canberra when demand is high and solar generation drops. Construction is now underway on concrete bases for the ...

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Canberra is taking bold steps towards a sustainable future, with recent initiatives set to transform how we generate, store, and use energy. Here's what you, as a Canberra resident, need to ...

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