

Canberra Base Station Battery Plant





Overview

The 250-megawatt (MW), 500 megawatt-hour (MWh) battery energy storage system (BESS) will store enough renewable energy to power one-third of Canberra for two hours during peak demand periods, and cost several hundred million dollars. How will the Big Canberra battery project benefit the ACT?

The battery operator will be selected later this year process. “The Big Canberra Battery project will provide renewable energy security across the electricity grid, help the ACT grow its renewable energy sector, provide more local employment opportunities, and deliver a positive financial return for the Territory,” Mr Barr said.

What is stream 1 of the Big Canberra battery project?

The ACT Government's partnership with Eku Energy to develop Stream 1 of the Big Canberra Battery Project in Williamsdale will commence construction later this year. The grid-scale battery will deliver 250MW of storage, support grid reliability and help to integrate greater amounts of renewable generation.

What is the Big Canberra battery?

The Big Canberra Battery will play a crucial role in managing peak electricity use demand and in supporting the ACT's transition to a more sustainable energy future. For technical specifications of our work on the Big Canberra Battery, or to discuss engaging us on similarly ambitious battery storage projects, please contact our team.

What is the Big Canberra battery transformer?

This stored energy will be used to support our electricity grid. The Big Canberra battery transformer was delivered to the Williamsdale site in early September 2025. The transformer ensures electricity stored in the battery is converted to the correct voltage to be safely supplied to the grid.



Canberra Base Station Battery Plant

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