

SolarTech Power Solutions

Canberra makes energy storage cabinets



Overview

Will Canberra's energy supply be future-proofed?

Released 13/04/2023 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 by Macquarie's Green Investment Group.

Why should we use batteries in Canberra?

Batteries can store excess renewable energy to be used at later times of higher demand - thereby extending the benefit of renewable energy into the evenings. It will increase the renewable energy hosting capacity across the ACT enabling more Canberrans to access the benefits of renewables.

What is the Big Canberra battery project?

The battery will also provide a range of energy and essential system security services. In exchange, the Territory will provide Eku Energy with fixed quarterly payments over a period of 15 years. The Big Canberra Battery project is delivering an ecosystem of batteries at different scales.

How much does a battery energy storage system cost?

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 one-third of Canberra for two hours during peak demand periods. The BESS will cost between \$300 and \$400 million and will be developed, built, and operated by Eku Energy.

What is energy storage & why is it important?

Energy storage is a key priority for the ACT Government as it transitions away from fossil fuels and gas and pursues its plan to reach net zero emissions by 2045. This grid-scale storage system can store as much electricity as can be generated from 25,000 average solar rooftop solar systems on an average day

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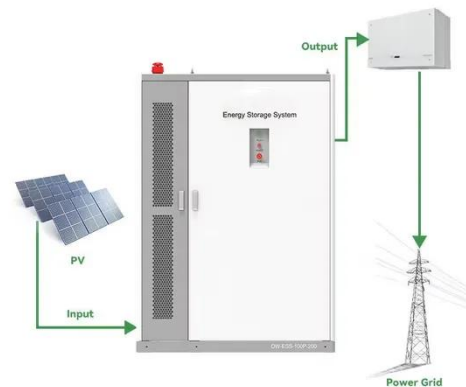


Significant milestone for the Big Canberra Battery

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Williamsdale Battery Energy Storage System

6 days ago · Located at Williamsdale in the south of Canberra, the battery will store enough renewable energy to power one-third of Canberra for two hours 1 during peak demand periods, ...

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