



Canberra Rainproof Power Station Generator BESS

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What is Eku energy's big Canberra battery project?

With the capacity to store enough renewable energy to power one-third of Canberra for two hours during peak demand periods, the project is a crucial component of the ACT government's Big Canberra Battery initiative. Eku Energy has established an innovative revenue swap arrangement with the ACT government, ensuring mutual benefits for both parties.

What is the Big Canberra battery project?

Installation is underway on behind-the-meter batteries at nine sites. The Big Canberra Battery project will deliver an ecosystem of batteries across the ACT to ensure that our electricity grid remains stable. The Big Canberra Battery project includes the installation of: installation of behind-the-meter batteries at nine government sites.

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.

How does a Bess battery system work?

In most cases, BESS units will use lithium-ion battery technology to make this possible. The battery system will draw power from the grid to charge the battery and store the energy for later use. When there is a power draw, the systems work together with the grid to dispatch emission-free, quiet, and instant power.

This project enhances energy security and reliability, storing renewable energy to power one-third of Canberra during peak demand. Learn about its impact, development, and community benefits.

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The Williamsdale BESS is part of the ACT Government's Big Canberra Battery project and will play a critical

role in supporting the ACT's transition to renewable energy and ...

Unlike diesel generators, BESS units use lithium-ion battery technology to deliver quiet power without diesel exhaust fumes. Site operations are safer and more efficient without the hassle of ...

The BESS acts as the primary power source for the majority of the load. This reduces generator runtime, lowers diesel fuel consumption, and significantly cuts down on CO2 emissions.

Researchers at the ANU Centre for Energy Systems (ACES) are contributing their expertise in energy modelling and social research to the recently ...

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The Canberra Mobile Outdoor Power BESS (Battery Energy Storage System) offers portable energy storage that adapts to diverse outdoor scenarios. This article explores how this ...

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Since battery storage plants require no deliveries of fuel, are compact compared to generating stations and have no chimneys or large cooling systems, they can be rapidly installed and ...

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 ...

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