

SolarInnovate Energy Solutions

Energy storage system factory in Canberra



Overview

Is Canberra building a big battery in Williamsdale?

The ACT Government is building a big battery in Williamsdale. Construction has begun, in partnership with Eku Energy. This project is part of larger efforts to make Canberra a cleaner, greener city. Construction has begun the Williamsdale Battery Energy Storage System (BESS).

What is Williamsdale battery energy storage system?

Explore the Williamsdale Battery Energy Storage System (BESS) project by Eku Energy, a 250MW/500MWh facility in Canberra. 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.

How much energy will a large-scale battery energy storage system provide?

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. This stored energy will be used to support our electricity grid.

What is a battery energy storage system (BESS)?

This is often in the early evenings when demand peaks and the sun is no longer shining. 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.

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 Big Canberra Battery project has also considered the role of neighbourhood-scale batteries in the ACT's battery ecosystem. generate revenue for the ACT.

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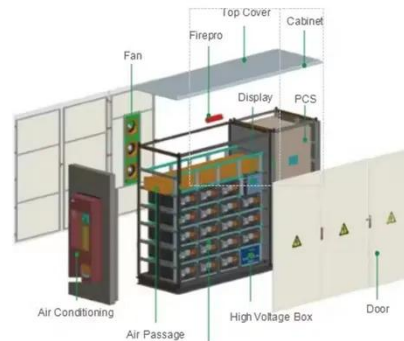
Ekus Energy Secures Financial Close for Williamsdale Battery Energy

Nov 6, 2024 · Featuring Tesla Energy's Megapacks, this system will bolster energy resilience for Canberra, with capacity to power one-third of the city for up to two hours during peak demand.

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Powering Canberra's Future: The Role of Battery Energy Storage Systems

Apr 8, 2025 · Canberra, the heart of Australia's push toward renewable energy, is embracing the transformative potential of Battery Energy Storage Systems (BESS). These advanced systems ...



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