

EQACC SOLAR

Canberra Energy Storage Fire Fighting System



Overview

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.

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 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.

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 Energy Storage Fire Fighting System



Construction begins on ACT's 250 MW Williamsdale BESS

The Australian Capital Territory (ACT) government and Eku Energy have commenced construction of the Williamsdale Battery Energy Storage System (BESS), a 250 ...

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Advancing Canberra's Energy Landscape with ...

With a \$1.5 million investment and support from Evoenergy, Canberra's electricity distribution network service provider, the new ...

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Battery Energy Storage Systems Fire Protection Fire Protection Systems

Battery Energy Storage Systems (BESS) are critical for modern renewable energy infrastructure -- but they also present unique fire risks due to high energy density, thermal ...

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Capital Battery Energy Storage System

Capital BESS Capital BESS (battery energy storage system) is a stand-alone battery capable of storing energy with up to 2 hours of ...

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Voltage range: 91.2-947.2V

>6000 cycles (100%DOD)

Rated battery capacity: 216KWH (customizable)

EMS communication: 4G/CAN/RS485

Mt Piper Battery Energy Storage System Fire safety

Fire safety Acknowledgement of Country and First Nations People Energy Australia recognises that the proposed site for the Mt Piper Battery Energy Storage System is on the ...

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The Big Canberra Battery , Williamsdale ...

Battery storage integration with the grid will ensure the continued growth of renewable energy in australia For technical ...

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Canberra begins construction of battery energy storage system

The Australian Capital Territory (Act) Government and global energy storage



firm Eku Energy have begun construction on the Williamsdale Battery Energy Storage System ...

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The Big Canberra Battery , Williamsdale Energy Storage System ...

Battery storage integration with the grid will ensure the continued growth of renewable energy in australia For technical specifications of our work on the Big Canberra ...



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Williamsdale Battery Energy Storage System

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Big Canberra Battery - Williamsdale BESS

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 ...

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Product and application
Energy Storage

Canberra energy storage fire design factory operation

What is battery energy storage fire prevention & mitigation? In 2019, EPRI began the Battery Energy Storage Fire Prevention and Mitigation - Phase I research project, convened a group ...

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Canberra begins construction of battery ...

The Australian Capital Territory (Act) Government and global energy storage firm Eku Energy have begun construction on the ...

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Advancing Canberra's Energy Landscape with Community Battery Energy

With a \$1.5 million investment and support from Evoenergy, Canberra's

electricity distribution network service provider, the new project aims to bring energy storage closer to ...

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Capital Battery Energy Storage System

Capital BESS Capital BESS (battery energy storage system) is a stand-alone battery capable of storing energy with up to 2 hours of power. Capital BESS is a part of the ACT ...



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