



Collie battery energy storage system Australia

Where is the Collie battery energy storage system located?

The Collie Battery Energy Storage System will be located around 13km north-east of Collie town, nearly 200km south-east of Perth. The site is near the Collie Power Station on land owned by Western Australian electricity and gas provider Synergy.

What is Collie battery?

Once operational, Collie Battery will be able to provide short duration storage in peak times to ease pressure on the grid. It will have the ability to charge and discharge 20% of the average demand in Western Australia's South-West Interconnected System (SWIS).

What is the Collie battery energy storage system (cbess) project?

In line with the WA State Government's decarbonisation strategy to be delivered by 2030, our Collie Battery Energy Storage System (CBESS) Project forms part of Synergy's decarbonisation strategy. Coal-fired power generation is being replaced with renewable energy generation infrastructure and energy storage solutions.

Who owns Collie battery?

Neoen acknowledges the Wilmen Noongar people, Traditional Owners of the land on which Collie Battery will store energy. We pay our respects to their Elders past and present. Collie Battery is Neoen's first 4-hour long duration battery & its first major project in Western Australia. The project has development approval for 1 GW /4 GWh.

How many CATL batteries will be installed at Synergy's Collie battery energy storage system?

A total of 640 containerised CATL batteries will be installed at Synergy's Collie battery energy storage system in Western Australia. WA Energy Minister Reece Whitby said large-scale storage is important because it supports household investment in rooftop solar and allows the state to continue its phased transition out of coal by 2030.

Why is synergy launching a new battery in Collie?

“Synergy's ground-breaking project is significant for the Collie community and will help local workers and families as Synergy seeks to exit coal-fired power by 2030. “When complete, this battery will support reliability and more renewable energy on WA's main electricity grid.”

Construction has begun on Synergy's Collie battery energy storage system, which will be one of the biggest grid-scale batteries in Australia when complete and will provide significant security to Western Australia's main power system. The battery, which will have a 500 megawatt/2000 megawatt hour capacity, will be funded as part of the State ...



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The first batteries have been installed at state-owned Synergy's 500MW/2,000MWh Collie battery energy storage system (BESS) in Western Australia. In an update made today (8 October), the first 80 units have been installed as part of the wider 4-hour duration BESS, which will include 640 units when fully complete.

Construction is underway on will be Australia's biggest battery project; the giant four-hour Collie battery energy storage system being built by Synergy to soak up Western Australia solar during ...

Western Australian government-owned utility Synergy has installed the first 80 of 640 containerised battery units assigned to its Collie battery energy storage system, located 16 kilometres northeast of coal mining ...

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The Cook Government has awarded more than \$1 billion in contracts to deliver massive new battery energy storage systems in Kwinana and Collie as part of its commitment to cleaner, reliable and affordable energy for Western Australia.

Battery energy storage systems (BESS) can absorb excess energy generated by rooftop solar PV systems when the sun is shining and discharge when demand for electricity peaks usually in the evening. CBESS will be Synergy's third BESS and one of the biggest in the world, providing around 500 Megawatts (MW) or 2000 Megawatt hours (MWh) of power ...

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French renewable energy and storage developer Neoen has announced a new milestone for its massive Collie battery energy storage system being constructed in Western Australia with the successful energisation of the 219 MW / 877 MWh first stage.

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Location: Collie, WA Market: Renewables Capabilities: E& I Construction. In May 2024 SCEE Electrical was awarded the Balance of Plant ("BOP") contract for Synergy's Collie Battery Energy Storage System, a key



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project in Western Australia's decarbonisation strategy, supporting the transition from coal to renewable energy.

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