

## Solar Energy South Africa

# Curaçao collie battery project



## Overview

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What is the Collie battery Stage 1 project?

The Collie Battery Stage 1 project is a terrific example of this, involving excellent collaboration and innovation between Western Power and Neoen, resulting in an outstanding outcome for the community and the WA energy market.

What is Neoen & Collie battery?

The battery is Neoen's first major project in WA and its first 4-hour long duration battery globally. Collie Battery Stage 2 (341 MW / 1,363 MWh), which is currently under construction, was awarded a similar 300 MW / 4-hour NCESS contract by AEMO in April 2024.

What is the Collie battery project?

May 2023 – Collie Battery project announced, and community consultation commenced. Batteries support increased amounts of renewable energy in WA by providing grid services, such as storing renewable energy and discharging it at times when it's needed most.

Why is Neoen building a big battery project in Collie?

In addition to the government-owned storage systems, Neoen is building a big battery project in Collie. The big batteries will be a significant energy infrastructure for the South-West's electricity grid, working towards WA's cleaner, reliable and affordable energy future.

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.

## 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).

## Curaçao collie battery project

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### Neoen starts building phase two of Collie BESS in Australia

The Collie BESS project, near the town of Collie, is on the land of the indigenous Wilman people of the Bibbulmun nation. It will connect to a new substation from transmission system operator (TSO) Western Power. It has also enlisted Tesla and UGL for its 200MW/400MWh Western Downs Battery project in Queensland,

### Australia: Country's biggest battery project enters construction

Construction has kicked off at the largest battery project in Australia to date, with a storage capacity equivalent to that of the entire country's fleet of projects under construction at the end of 2022. (WA) announced last week (15 March) that the construction phase has begun at Collie, a battery energy storage system (BESS) project



### [Collie Battery](#)

The Collie Battery is a proposed one-gigawatt / four-gigawatt hour Battery Energy Storage System. The project, being developed by Neoen, is to be located near Collie, WA, approximately 150 kilometres south of Perth, and will connect to the Western Electricity Market via the existing Shotts substation.

### First units for Collie's big

## battery installed

Premier Roger Cook was in Collie this morning to unveil the 80 units for one of WA's largest battery systems. Premier Roger Cook was in Collie this morning to unveil the 80 units for one of WA's largest battery systems. lists and projects Transaction records, directors wealth, remuneration data and network activity.

### FLEXIBLE SETTING OF MULTIPLE WORKING MODES



## Neoen's Collie Battery Stage 1 begins operating and delivering ...

The Collie Battery Stage 1 project is a terrific example of this, involving excellent collaboration and innovation between Western Power and Neoen, resulting in an outstanding outcome for the community and the WA energy market. Connecting energy solutions that support the harnessing of the abundance of renewable energy resources WA has to offer

## Construction starts on Australia's biggest battery, to ...

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



## Collie battery project: Construction starts on 500MW BESS

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. The battery, which will have a 500MW/2000MWh capacity, will be funded as part of the State Government's commitment to expand battery storage throughout Western Australia (WA).

## Neoen flicks switch on first stage of Collie big battery

Less than 18 months after construction started, Neoen has announced that the 219 MW / 877 MWh first stage of its Collie battery energy storage project is successfully operating and delivering critical grid-support services to Western Australia's (WA) main grid.. Neoen said the four-hour battery, located near the town of Collie which has long been home to WA's coal-fired ...



## News

Neoen aims to keep locals informed across the lifecycle of its projects. Find the latest news about the Collie Battery and its progress here. Skip to content. 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 Stage 1 begins operation , Energy Global

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the community and the WA energy market. Connecting energy solutions that support the harnessing of the abundance of renewable energy resources WA has to offer

**LPR Series 19'  
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[Collie Battery Energy Storage System](#)

Synergy, a WA Government State-Owned Corporation, is developing a 500 megawatt (MW) / 2,000-megawatt hour (MWh) battery at a site in Collie. The project is separate to the 219 MW / 877 MWh Collie Battery, also being delivered in Collie. Key Dates. Sep 2023

**Collie Central , Collie Battery Project: Revolutionizing Energy**

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Collie, a vibrant town in Western Australia, is poised to revolutionize the energy landscape with an ambitious big battery project. Designed to fortify the Southwest Interconnected System (SWIS) that supplies power to Perth and over a million residences and businesses spanning vast regions, this cutting-edge initiative is set to bring numerous economic opportunities to the region.



**Neoen secures big battery contract in Western Australia**

The battery system is part of the first stage of development of the 219MW/877MWh Collie battery and will consist of 224 Tesla Megapack



2XL units. The project was originally proposed by Neoen in 2021. It received development approval for 1GW/4GWh in December 2022. It will be located near the town of Collie in the southwest region of WA.

## [Collie Big Battery , Climate Action](#)

In addition to the government-owned storage systems, Neoen is building a big battery project in Collie. The big batteries will be a significant energy infrastructure for the South-West's electricity grid, working towards WA's cleaner, reliable ...



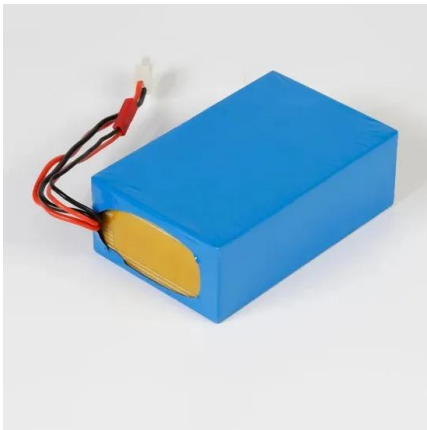
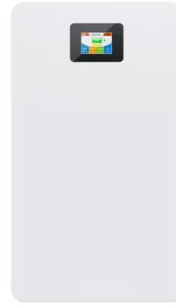
## **Western Australia funding feasibility study for state's largest battery**

The BESS, planned for construction in the town of Collie, is tentatively expected to be between 600MWh and 800MWh, according to a statement issued last week from MacTiernan's office. Australia's biggest project of this kind so far is the 300MW/450MWh Victorian Big Battery on the other side of the country, which went online a few weeks ago.

## **Collie Battery Stage 1 begins operations ahead of schedule in WA**

The 219 MW / 877 MWh battery storage facility, currently the largest in the state, began delivering grid reliability services to the

Australian Energy Market Operator on October 1, 2024. Located near the town of Collie on Wilman country of the Bibbulmun nation, the battery was completed in less than 18 months from the start of construction.



## Perth contractor chosen for Collie battery project

The 500 megawatt/2000 megawatt-hour Collie battery is due to be completed late in 2025 and will be one of the biggest battery energy storage systems in Australia. "Collie will be home to one of the largest battery storage systems in the world once this project is complete," said Collie MLA, Jodie Hanns.

## Synergy starts construction on one of Australia's biggest batteries

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. She said: "The build of Australia's biggest battery right here in Collie marks a significant point in the energy transition. Collie has been at the heart of WA's energy



## First stage of Australia's biggest battery project switched on, well

The Neoen Collie battery has actually been operating since October 1, and is the company's

first four hour battery, and its first in Western Australia's main grid, known as the South West



## Collie Battery

The Collie Battery is a proposed one-gigawatt / four-gigawatt hour Battery Energy Storage System proposed by Neoen, located near Collie, WA. The project is expected to be delivered across five stages. Stage Two involves a 341-megawatt / 1,363 ...



## **Neoen powers up Collie Stage 1, Western Australia's largest battery**

Neoen's Collie Battery Stage 1, a massive 219 MW/877 MWh energy storage project, has officially begun operations in Western Australia, coming online ahead of schedule. Powered by 224 Tesla Megapack 2XL units, this facility is set to be the largest battery in the region, but not for long. According to a press release from Neoen, the battery began delivering ...

## Project Updates

This service will be delivered by Stage 2 of Collie Battery sized at 341 MW / 1,363 MWh, with the project having approval for a total of 1 GW / 4 GWh. Neoen [...] Project Update - Feb 2024. (AEMO), Tesla, UGL, Aurecon the Shire of Collie and our host [...] Project Newsletter - ...



[WA completes second Kwinana big battery](#)

The state government of Western Australia (WA) has completed the second phase of the Kwinana big battery project, a significant step in the region's energy transition. Phase two involved the construction of the A\$661m (\$428m) Kwinana battery energy storage system (BESS), which comprises 288 battery modules and 72 inverter units and has an 800

[Collie Battery Energy Storage System](#)

Collie Battery Energy Storage System (BESS). The site is approximately 86ha in area and is made up of lots 775 and 784, located on the southern side of Collie-Williams Road, just over 12kms north-east from the Collie townsite. The project intends to establish up to 1 GW battery energy storage system to provide greater reserve capacity to the South



**Collie Big Battery Marks First Unit Installation**

First containerised battery units now in place at the Collie battery energy storage system; Collie battery expected to be switched on next year ;



\$1.6 billion investment to secure clean, affordable and reliable energy for WA's future; WA's energy transition well underway, backed by \$5.4 billion WA Labor Government investment

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