

Solar Storage Container Solutions

Wellington Station Energy Storage System Project



Overview

AMPYR Australia Pty Ltd (AMPYR) and Shell Energy Operations Pty Ltd (Shell) propose to develop and operate the Wellington Battery Energy Storage System (the project), located approximately 2.2 km north-east of the township of Wellington in the Dubbo Regional Council local government area (LGA) and within the New South Wales (NSW) Government declared Central-West Orana Renewable Energy Zone (CWO REZ). What is the Wellington Battery energy storage system (BESS)?

The Wellington Battery Energy Storage System (BESS) is planned to be developed in the central west New South Wales (NSW), Australia. The project will comprise a grid-scale BESS with a total discharge capacity of around 400MW. AMPYR Australia, a renewable energy assets developer in the country, owns 100% of the BESS project.

Where is Wellington South Battery energy storage system being developed?

Wellington South Battery Energy Storage System is being developed in NSW, Australia. (Credit: Sungrow EMEA on Unsplash) The Wellington Battery Energy Storage System (BESS) is planned to be developed in the central west New South Wales (NSW), Australia. The project will comprise a grid-scale BESS with a total discharge capacity of around 400MW.

What is the target capacity of the Wellington Bess?

The target capacity of the Wellington BESS is 500 MW / 1,000 MWh, making it one of the largest battery storage projects in NSW. The Wellington BESS will connect to the adjacent TransGrid Wellington substation, adjacent to the Central West Orana Renewable Energy Zone (Central West Orana REZ).

Which is the largest battery storage project in NSW?

This will make Wellington BESS one of the largest battery storage projects in NSW. Wellington is being constructed at 6773 and 6909 Goolma Road, Wuuluman NSW 2820. The project site is situated within the Central-West Orana Renewable energy Zone (CWO REZ), in the Dubbo Regional Council

local government area (LGA).

When will the Wellington substation be built?

Construction of Stage 1 (300MW / 2 hours) will start mid-2025, finishing early 2027. Plans for construction of Stage 2 are ongoing, but construction is likely to follow 12 to 18 months behind Stage 1. The existing Wellington substation is very strategically located within the NSW energy grid.

How will the Wellington Bess project be developed?

The Wellington BESS project will be developed in two stages. The first stage will have a capacity of 300 MW / 600 MWh, while an additional 100 MW / 400 MWh capacity to be added in the second phase.

Wellington Station Energy Storage System Project

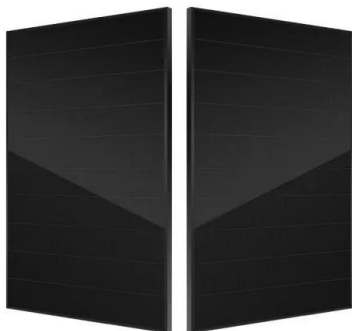
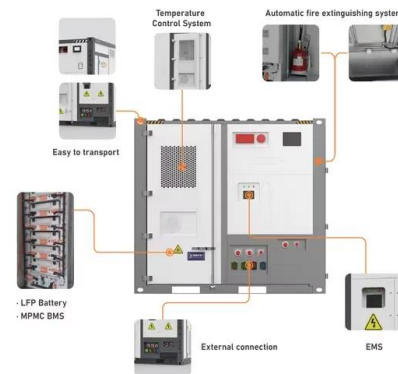


Wellington South Battery Energy Storage System

Feb 23, 2024 · The project incorporates a large-scale battery energy storage system (BESS) with a discharge capacity of 500 megawatts (MW), along with connection to the Wellington ...

Wellington Energy Storage Station: The Giant Battery ...

With global energy storage capacity projected to hit 1.2 TWh by 2030 [3], the Wellington facility isn't just big - it's strategically big. Here's what makes it click-worthy:



Wellington's New Energy Storage Project: Solving the ...

Why Wellington's Energy Grid Can't Afford Another Band-Aid Solution You know how it goes - sunny days produce solar energy that disappears after sunset, while wind farms sit idle during ...

Wellington Battery Energy Storage System, Australia

Feb 14, 2025 · The Wellington Battery Energy Storage System (BESS) is planned to be developed in the central west New South Wales (NSW), Australia. The project will comprise a ...



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Wellington Battery Energy Storage System (BESS) Project

Mar 27, 2025 · The Wellington Battery Energy Storage System project consists of a grid-scale BESS with a total anticipated discharge capacity of 500MW and a storage capacity of ...

Ampyr, Shell Energy Collaborate for 1,000 MWh BESS

Oct 17, 2022 · Ampyr informed that the target capacity of the Wellington BESS is 500 MW/1,000 MWh that makes it one of the largest battery storage projects in the Australian state. The ...



AMPYR Australia reaches financial close for Wellington Stage 1 BESS project

Jul 10, 2025 · This supports the goal to expand Australia's energy storage capacity. AMPYR Australia has reached financial close for its 300 megawatt / 600 megawatt-hour Wellington ...

The Role of BESS in the Energy Transition , Shell ...

Jan 23, 2024 · An essential part in Australia's energy transition to a low-emissions economy, Battery Energy Storage Systems (BESS) are increasingly playing a ...

Sample Order
UL/KC/CB/UN38.3/UL



Wellington energy storage station rental

Our 30 kVA energy storage system rental can produce up to 208 volts of power and 60 kWh for long-term power or emergency backup. Our battery energy storage system is perfect for sites ...

AMPYR Australia secures funding for Wellington Stage 1 BESS

Jul 9, 2025 · AMPYR Australia has secured funding above A\$340m (\$221m) for its 300MW/600 megawatt hours (MWh) Wellington Stage 1 battery energy storage system (BESS) project in ...



Wellington South Battery Energy Storage

Jul 29, 2025 · The project incorporates a large-scale battery energy storage system (BESS) with a discharge capacity of 500 megawatts (MW) and a storage capacity of 1,000 megawatt hours ...

Athens Wellington Pumped Storage Power Station: The Future of Energy

May 6, 2022 · That's essentially what the Athens Wellington Pumped Storage Power Station does. While solar panels nap at night and wind turbines take coffee breaks, this engineering ...



Wellington South Battery Energy Storage System

Aug 12, 2025 · The project incorporates a large-scale battery energy storage system (BESS) with a discharge capacity of 500 megawatts (MW) and a storage capacity of 1,000 megawatt hours ...

Wellington Energy Storage Station: The Giant Battery ...

The "Lego Block" Installation Revolution Inspired by Singapore's Sakra project [1], Wellington's team delivered Phase 1 in 150 days - 40% faster than industry average. How? Pre-fab ...



2025 AMPYR_Project_Factsheet_Wellington

Apr 8, 2025 · The Wellington Battery Energy Storage System (BESS) will store excess renewable energy ready for use by homes and businesses during peak times. BESS projects play an ...

Utah's Clean Solar Energy & Storage Boom: Why?

Feb 10, 2025 · The lead photo and the one below also show the massive energy storage facility under construction that is the other main feature of the project. Solar farm and electrical ...



Wellington pumped storage independent energy ...

If this pumped-storage power-station represents a new generation of pumped-storage power stations, the installation of four 50-MW full-power variable speed units, a set of 100 MW energy ...

Herbert Smith Freehills Kramer advises lenders on 300 MW / ...

Jul 17, 2025 · Herbert Smith Freehills Kramer (HSF Kramer) has advised a syndicate of lenders on the project financing of AMPYR Australia's 300MW/600MWh Wellington Battery Energy ...



Fluence Chosen for 300 MW / 600 MWh Wellington Battery Energy Storage

Jul 7, 2025 · The Wellington Stage 1 BESS is AMPYR's first grid-scale battery energy storage system to reach financial close in Australia. This project is scheduled to be energised in 2026, ...

2025 AMPYR Project Factsheet Wellington

Apr 8, 2025 · Wellington Battery The Wellington Battery Energy Storage System (BESS) will store excess renewable energy ready for use by homes and businesses during peak times. BESS ...



AMPYR achieves Financial Close of Wellington Stage 1 BESS

AMPYR Australia (AMPYR) today announced it has achieved financial close of its 300 MW / 600 MWh Wellington Stage 1 battery energy storage system (BESS) project in regional New South ...

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