

SolarTech Power Solutions

Wellington 40kw lithium battery energy storage system inverter



Overview

What is the Wellington Battery energy storage system?

The Wellington Battery Energy Storage System comprise up to 6,200 pre-assembled battery enclosures with lithium-ion battery packs and associated equipment, transformers, and inverters. An on-site BESS substation will be built with two 330kV transformer bays, 33/0.440kV auxiliary transformers.

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.

When will Wellington Bess be operational?

Energisation of the first stage is expected in 2026, followed by second stage in 2027. Once operational, it will have a capacity of 1,000-megawatt hours (MWh) of green power. 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.

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).

How will Bess be connected to TransGrid Wellington substation?

The BESS will be connected to the nearby Wellington Substation via an underground or aboveground transmission line. The TransGrid Wellington

Substation will be upgraded with a southern bay extension to include an additional 330kV switch bay. The security fencing will be relocated for the development.

What's new at TransGrid Wellington?

The TransGrid Wellington Substation will be upgraded with a southern bay extension to include an additional 330kV switch bay. The security fencing will be relocated for the development. Other ancillary infrastructure will include a new access road, a washdown bay for incoming vehicles, and a control and office building.

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Wellington Battery Energy Storage System, Australia

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CE UN38.3 MSDS



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