

# **What is the energy storage project on Sydney Island in Australia**





## Overview

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How is electricity stored in Australia?

This means a more reliable and constant supply of energy on and off-grid. Currently storage of electrical energy in Australia consists of a small number of pumped hydroelectric facilities and grid-scale batteries, and a diversity of battery storage systems at small scale, used mainly for backup.

Where will Ausgrid's battery energy storage systems be located?

New South Wales electricity distributor Ausgrid is proposing two, 200 MW / 400 MWh battery energy storage systems to be located in the north coast regional city of Newcastle, and Sydney suburb of Homebush.

Is Ausgrid proposing a battery energy storage system?

Sydney-headquartered distribution network service provider (DNSP) Ausgrid is proposing two, battery energy storage systems (BESS), both in Newcastle and Sydney, New South Wales (NSW), both well in excess of \$30 million (USD 19.7 million) given their state significant development (SSD) classification.

What is Smithfield battery energy storage system?

The Smithfield battery energy storage system (BESS) will have a capacity of 65 megawatts (MW) and 130 megawatt hours (MWh) of two-hour storage. This new lithium-ion battery is scheduled to be operational by the end of 2025, and will be located west of Sydney in the state of New South Wales.



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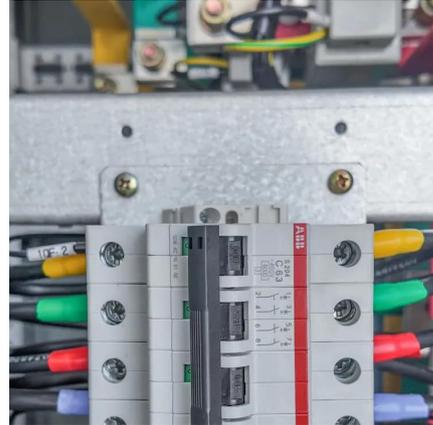


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