

# What are the conditions for joining the Sydney Energy Storage Project in Australia





## Overview

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Why is NSW opening a new energy storage tender?

NSW has opened the largest energy storage tender in NSW history, seeking new long-duration storage projects to boost electricity reliability and keep the lights on in NSW. These projects will help ensure a steady and reliable supply of energy around the clock.

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.

Can long-duration storage projects be supported by the NSW electricity infrastructure roadmap?

Long-duration storage projects can bid for financial support under the new NSW Electricity Infrastructure Roadmap Tender 5 which is now open. This tender offers support for up to 1 gigawatt of projects, which can each release energy into the NSW grid for at least 8 hours.

Can Australia meet its energy storage needs on the road to net zero?

They are all examples of the pivotal innovation required to ensure Australia can meet its energy storage needs on the road to net zero. Long-Duration Energy Storage (LDES) is proving to be an important technology for Australia's net zero ambitions.



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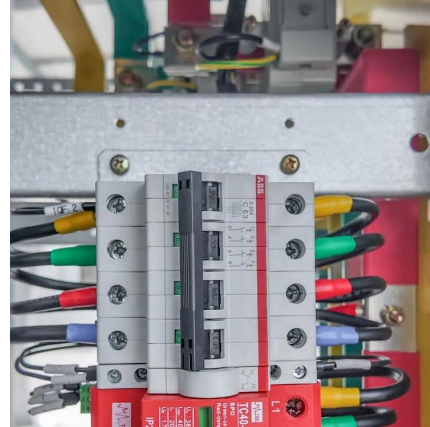
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[Ausgrid goes big with two 400 MWh battery ...](#)

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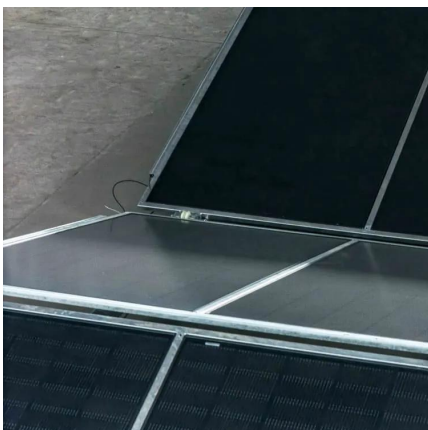
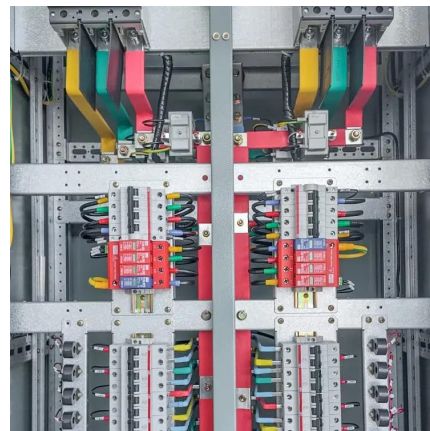


### **NSW's Energy Security Corporation to invest AU\$1bn in storage**

Feb 17, 2025 · The Energy Security Corporation will invest in short to long-duration energy storage (LDES) projects as part of its first Investment Mandate.

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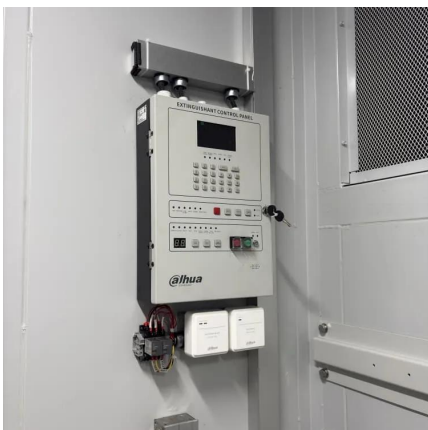


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[Energy Vault secures 14-year agreement for NSW BESS project](#)

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### [Australia: The State of Battery Energy Storage in the NEM](#)

Australia is home to the world's first 'big' battery: the 100 MW Hornsdale Power Reserve, constructed in 2017. Since then, investment in grid-scale battery energy storage in Australia's ...



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