

# **Hornsedale Energy Storage Project**





## Overview

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What is the Hornsdale Power Reserve?

One of the projects was the Hornsdale Power Reserve, a 100 MW battery project, owned by Neoen, supplied by Tesla, located at the Hornsdale Wind Farm and covering approximately one hectare of land. The Government's goal for the large-scale battery project was to improve power system security and the affordability of energy.

How much energy does Hornsdale wind farm use?

It includes a 150 MW (194 MWh) grid-connected energy storage facility operated by Neoen and located adjacent to the Hornsdale Wind Farm. The initial phase, which included a 100 MW (129 MWh) project, was completed in a record-breaking 100 days and proved effective in terms of electricity cost savings.

How much money did the Hornsdale Power Reserve save?

The success of the Hornsdale Power Reserve was swift and significant. In just its first two years of operation, it saved South Australian consumers over \$150 million.

Who built Hornsdale Power Reserve?

The contractors involved in the Hornsdale Power Reserve project were Neoen and Tesla. Neoen, a French renewable energy firm, led the consortium responsible for constructing the battery. In 2019, Neoen announced to expand the capacity by an additional 50 MW/64.5 MWh. This resulted in bringing the total combined capacity to 193.5 MWh.



## Hornsedale Energy Storage Project

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All About Neoen's Hornsedale Power Reserve in South ...

It includes a 150 MW (194 MWh) grid-connected energy storage facility operated by Neoen and located adjacent to the Hornsedale Wind Farm. The initial phase, which included a 100 MW ...

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Case Study: Hornsedale Power Reserve

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Hornsedale Power Reserve Project

Sep 27, 2019 · 4 AEMO, Initial operation of the Hornsedale Power Reserve Battery Energy Storage System, April 2018 5 AEMO, Quarterly Energy Dynamics, Q1 2018 6 It should be noted that, ...

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Hornsedale Power Reserve

Dec 4, 2025 · The Hornsedale Power Reserve is located in a strong part of South Australia's electricity transmission network approximately 15km north of Jamestown, about 3 hour's drive ...

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Case Study: Hornsedale Power Reserve

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Hornsedale Wind Farm Tesla Battery Storage , GHD Projects

Future Energy At a glance Hornsedale Wind Farm and Power Reserve is Australia's first - and the world's largest - grid-scale lithium-ion battery connection. The project consists of a 315 MW ...

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Projects , Hornsedale Power Reserve, South ...

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Projects , Hornsdale Power Reserve, South Australia

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Hornsedale Energy Storage System

Hornsedale Wind Farm and Power Reserve is Australia's first - and the world's largest - grid-scale lithium-ion battery connection. The project consists of a 315 MW wind farm comprising 99 wind ...

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