

PIENAAR ENERGY (PTY) LTD

Australia Station-type Energy Storage System Project



Overview

Enerven has been chosen to design and construct all four stages of Origin Energy's Eraring Battery Energy Storage System (BESS), a project set to become the largest battery energy storage system in the Southern Hemisphere. Australia's clean energy transition has reached an important milestone. Five ARENA-funded large-scale battery storage system (BESS) projects, equipped with grid-forming (GFM) inverters, are now connected to the National Energy Market (NEM), with three more expected online within the next year. These developments represent capacities ranging from hundreds of megawatts to multiple gigawatts. With a total capacity of 700MW/2,800MWh, the Eraring BESS is a cornerstone. Technology group Wärtsilä has been selected by Origin Energy (Origin) to deliver the third stage of the Eraring battery facility at Origin's Eraring Power Station in New South Wales, Australia.

Australia Station-type Energy Storage System Project

Lithium Solar Generator: \$150



Wärtsilä to deliver one of the world's largest energy storage systems

Technology group Wärtsilä has been selected by Origin Energy (Origin) to deliver the third stage of the Eraring battery facility at Origin's Eraring Power Station in New South Wales, Australia.

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Eraring Battery Energy Storage System (BESS) 700MW/2800MWh

The Eraring BESS is a transformational project for Australia's energy sector. Upon completion, it will be the largest energy storage system in the Southern Hemisphere and one of the largest in the world, with a ...



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The Best Five Energy Storage Projects in Australia

Discover five energy storage projects revolutionizing Australia's energy landscape. Learn about innovative technologies, impressive capacity.

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Top 7 Upcoming Battery Energy Storage System ...

Discover the largest upcoming BESS projects in Australia, from the 2.4GW Denman Battery to the Waratah Super Battery.

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Compressed air energy storage is coming, but how does it work?

A 200-megawatt, \$1 billion facility built by Canadian company Hydrostor near the historic mining city will be Australia's first large-scale compressed air energy storage facility, capable of powering up to ...

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Australia's Grid-Forming Battery Revolution: From Pilot Projects to

Australia's clean energy transition has reached an important milestone. Five ARENA-funded large-scale battery storage system (BESS) projects, equipped with grid-forming (GFM) inverters, are now ...

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Merredin Battery Energy

Storage System (MEB), Australia



Construction of the Merredin BESS officially commenced in August 2025, following necessary approvals and procurement arrangements. Early site works began with civil preparation and substation ...

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Australia's grid-forming battery pipeline extends to 94 projects

Battery energy storage systems (BESS) equipped with grid-forming inverters have emerged as essential components for maintaining system stability in Australia's National Electricity Market (NEM) as ...

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Top five energy storage projects in Australia

Listed below are the five largest energy storage projects by capacity in Australia, according to GlobalData's power database. GlobalData uses proprietary data and analytics to provide a complete picture ...

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Australia: The State of Battery Energy Storage in the NEM



Since then, investment in grid-scale battery energy storage in Australia's National Electricity Market - or NEM - has continued. 25 projects are now commercially operational in the NEM, totalling just under 2 GW of power ...

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