

## SolarTech Power Solutions

# Australia centralized energy storage project



## Overview

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Finnish energy giant Wärtsilä has announced the latest addition to its massive network utility-scale battery energy storage system (BESS) projects in Australia: a record-breaking 1.5 GWh deployment that brings the company's total energy storage capacity in the nation to 5.5 GWh. The future of.

In the first quarter of 2025 alone, over AUD 2.4 billion (USD 1.5 billion) was invested in large-scale battery energy storage systems, marking the second-highest quarterly investment ever. These projects added 1.5 GW of storage and 5 GWh of energy output. Several mega-projects are leading this.

It is now nearly eight years since the first big battery storage project in Australia – at Hornsdale in South Australia – opened for business. The so-called “Tesla big battery” seemed big at the time, and at 100 megawatts (MW) and 129 MWh it was indeed the biggest in the world, and around 100 times.

Technology group Wärtsilä has been contracted by EnergyAustralia to deliver 350 MW / 1474 MWh of capacity to the Wooreen Energy Storage System (WESS) in Victoria, Australia. This pivotal project is set to enhance Australia's infrastructure by providing essential grid stability and supporting the.

The Collie Battery Energy Storage System (CBESS) is a large-scale energy storage facility developed by Synergy, located adjacent to the Collie Power Station in Western Australia. The project, now complete, marks a major milestone in the state's transition from coal-fired power to renewable energy.

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