

## Wärtsilä's new energy storage project



## Overview

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### What is Wärtsilä energy storage?

Wärtsilä Energy Storage is driving the transition to a 100% renewable energy future. We combine time-tested technology with deep grid expertise, helping customers and the energy sector accelerate global decarbonisation.

### How many GWh of energy storage has Wärtsilä deployed?

We have deployed or contracted over 17 GWh of energy storage across more than 130 sites worldwide. Backed by Wärtsilä's reputation as a bankable and reliable partner, our comprehensive system-level approach to battery energy storage technologies stands apart.

### Who is Wärtsilä energy?

Wärtsilä Energy is at the forefront of the transition towards a 100% renewable energy future. We help our customers and the power sector to accelerate their decarbonisation journeys through our market-leading technologies and power system expertise.

### How many MW will Wärtsilä energy add?

Wärtsilä Energy will add 240 MW/1,030 MWh in the second stage of Origin Energy's Eraring Power Station battery facility, increasing total capacity to 700 MW/2,103 MWh. The company was also chosen for stage one of the project. This content is protected by copyright and may not be reused.

### Will Wärtsilä's energy storage systems stand the test of time?

Wärtsilä Energy Storage and Optimization Vice President Andrew Tang claimed the features will help to further strengthen confidence among customers, local communities, and first responders that "Wärtsilä's systems will stand the test of time.".

### Does Wärtsilä have a battery based power conversion system?

It has fully integrated and internalized batteries and string-based power conversion systems. Finland-headquartered global energy services group Wärtsilä has launched a high-density BESS that integrates both the battery and power conversion system (PCS) inside.

## Wärtsilä's new energy storage project



### Wärtsilä and EDF Renewables Launch New Energy Storage ...

Construction has commenced on two new projects, adding to an existing portfolio of six energy storage initiatives. In total, Wärtsilä will deliver eight sites for EDF Renewables, ...

## Wärtsilä to supply BESS for 300MWh project in South ...

Wärtsilä will provide its Quantum High Energy storage technology for a 300MWh battery energy storage system (BESS) in South ...



### Wartsila to supply battery system for 1.4 GWh EnergyAustralia project

Finland's Wartsila Energy has been engaged by EnergyAustralia to supply and commission the battery system for the 350 MW / 1,400 MWh Wooreen energy storage project ...

## Wärtsilä: Quantum 2 BESS 'combines pre

Wärtsilä ES&O claims Quantum 2 (pictured) enables much faster installation while not compromising on safety or performance. Image:

...



## Wärtsilä introduces Quantum2 to optimise deployment ...

"Quantum2 is purpose-built for large-scale energy storage facilities to support the transition to renewable energy," said Darrell Furlong, ...

## Wärtsilä selected as the preferred contractor to deliver

...

Technology group Wärtsilä has been selected by Origin Energy as the preferred contractor to deliver the first phase, 460 megawatts (MW) and

...



## Wärtsilä's high energy BESS solution to get

The first energy storage asset built using Wärtsilä's new Quantum High Energy BESS solution will be a 300MW/600MWh project in Scotland, UK.

## Wärtsilä completes 250MWh battery storage project in ...

Wärtsilä completed a 250MWh battery storage project for REV Renewables in California in time to help grid stability in the September 2022.

### Highvoltage Battery

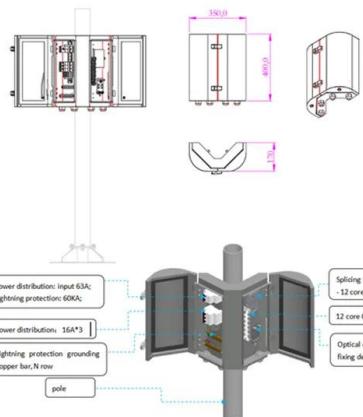


## Wärtsilä selected to deliver third stage of

In an Energy-Storage.news Premium interview published earlier this week, Andy Tang, vice-president of Wärtsilä Energy Storage & Optimisation, said the Eraring BESS will ...

## Wärtsilä engines to power 120 MW plant in Kazakhstan

Technology group Wärtsilä will supply the engineered equipment for a new 120 MW power plant under construction in Kazakhstan. The order was placed by Kazakhstan ...



### Lithium Solar Generator: \$150



## Wärtsilä and EDF Renewables Launch New Energy Storage Projects ...

Wärtsilä and EDF Renewables Propel Energy Storage Milestones for a Net-Zero UK -- Wärtsilä Corporation has expanded its long-standing partnership with EDF Renewables ...

## Wärtsilä completes fourth round of large-scale fire testing and

Technology group Wärtsilä announces significant advancements in fire safety and acoustic noise reduction for its energy storage systems (ESS), which will enable its ...



## Wärtsilä 200 MW/500+ MWh Standalone Battery Storage Facility ...

Wärtsilä has completed a 200 MW / 500+ MWh stand-alone battery storage project in Texas that will help stabilize that state's grid.

## Wärtsilä and EDF Renewables advance energy storage ...

Technology group Wärtsilä has expanded its long-term partnership with EDF Renewables UK and Ireland (hereafter EDF Renewables) to accelerate the United Kingdom's ...

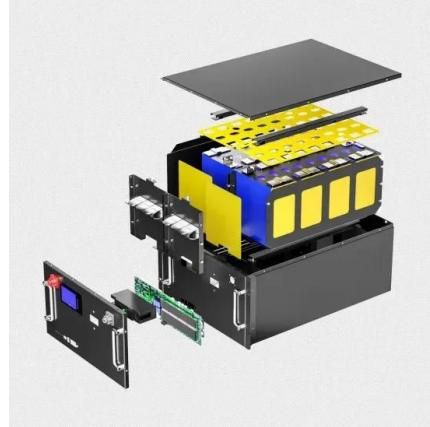


## 'Noise can make or break a project': Wärtsilä

An energy storage applications engineer at Wärtsilä talks all things BESS noise, as the topic becomes more important in the industry.

## Wärtsilä and AGL complete construction of 250 MW ...

Technology group Wärtsilä has completed construction at the Torrens Island Grid Scale battery energy storage system (ESS) with AGL ...

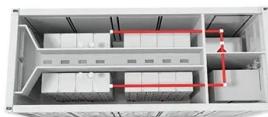


## About Wärtsilä in Australia

We do not have a physical presence in New Zealand and all business transactions with NZ customers are done via our Sydney office. Across Australia and the Pacific, Wärtsilä has set up ...

## Wärtsilä Energy Storage

Wärtsilä Energy Storage is driving the transition to a 100% renewable energy future. We combine time-tested technology with deep grid expertise, helping ...



## 'Critical municipal infrastructure project' first to use ...

Wärtsilä Corporation launched its newest modular energy storage system solution at a 'critical municipal infrastructure' project performing ...

## Wärtsilä Completes 125MW LeConte Energy Storage ...

The completion of the LeConte energy storage project is a significant achievement for Wärtsilä and REV Renewables. and demonstrates ...



## Wärtsilä signs contracts to supply energy storage ...

The technology group Wärtsilä is delivering a 500-megawatt (MWac) / 2-gigawatt hour (GWh) portfolio of energy storage systems to clean ...

## Wartsila to Deliver One of the World's Largest Energy Storage ...

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 ...



## Solar and battery project a game changer says Wärtsilä

The Fulham solar and battery project being built in regional Victoria has been labelled a "game changer" with technology group Wärtsilä ...

## Wärtsilä enters the Dutch market to supply the ...

The technology group Wärtsilä will supply a 25-megawatt (MW) / 48-megawatt hour (MWh) energy storage system to GIGA Storage BV in the ...

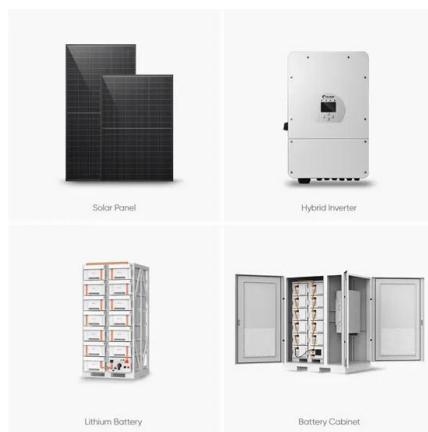
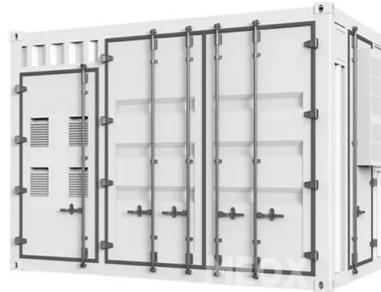


## Wärtsilä Energy 2025

We leverage Wärtsilä's extensive power system modelling capabilities together with the full range of our market-leading solutions, including flexible grid balancing engines, energy management ...

## Wärtsilä Energy Storage

Unlock the full value of your energy storage investment Backed by Wärtsilä's reputation as a bankable and reliable partner, our comprehensive system-level approach to battery energy ...



## Battery energy storage technologies

Safe, efficient, and scalable solutions that maximise returns and safe-guard long-term investments By integrating renewables, energy management technology, ...

## Wärtsilä separates its Wärtsilä Energy segment into two: Energy ...

Wärtsilä has closed the strategic review of Energy Storage and Optimisation that was started on 31 October 2023 and is separating its Wärtsilä Energy segment into two, ...



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