

# New Zealand high voltage energy storage solar container lithium battery assembly





## Overview

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The BESS consists of 80 containerised lithium-ion Saft Intensium shift battery modules from French energy storage systems maker Saft with grid integration support from national grid operator Transpower, which has also played a key role in planning, construction and commissioning. Which energy company is building New Zealand's first grid-connected battery energy storage system?

Meridian Energy is building New Zealand's first large-scale grid-connected battery energy storage system (BESS) at Ruakākā on North Island Paris, January 10, 2023 – Saft, a subsidiary of TotalEnergies, has been awarded a major contract by Meridian Energy to construct New Zealand's first large-scale grid-connected BESS.

What is New Zealand's First Utility-scale battery energy storage system?

New Zealand welcomed its first utility-scale battery energy storage system earlier this year. The 35 MW/35 MWh Rotohiko battery facility commenced operation with electricity distribution company WEL Networks in April, after completing testing and commissioning.

When will New Zealand's energy storage project come online?

The energy storage project is expected to come online during the July-to-September period of 2026. Saft described the Huntly Power Station as “the single largest electricity generation site in New Zealand.” New Zealand welcomed its first utility-scale battery energy storage system earlier this year.

Will a 100-megawatt solar farm improve New Zealand's national grid?

Located at Ruakākā in the country's North Island, the 100-megawatt (MW) BESS will improve the stability of the national grid, as intermittent renewable power generation increases in New Zealand. The BESS is the first stage of a project that will include the construction of a co-located 130 MW solar farm by Meridian Energy.



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New Zealand welcomes first big battery to ...

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New Zealand's 'first grid-scale battery

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New Zealand welcomes first big battery to national grid

Mar 13, 2024 · New Zealand's transition to a renewable energy future has taken a significant step forward with the nation's first grid-scale battery energy storage project now offering injectable ...

A regulatory roadmap for battery energy storage systems

Jun 23, 2025 · This transition will create fundamental changes to our power system as New Zealand moves to a more decentralised system where we no longer purely rely on centralised ...

New Zealand finishes build of 100 MW / 200 MWh battery ...

May 23, 2025 · Construction of the Meridian Energy 's Ruakaka BESS is now complete, adding a significant boost to the New Zealand grid. The 100 MW / 200 MWh Ruakaka BESS, located in ...

Saft to supply 200 MWh battery storage ...

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Feb 6, 2019 · Our second brochure on the subject "Assembly process of a battery module and battery pack" deals with both battery module ...

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#### BATTERY STORAGE IN NEW ZEALAND

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Dec 3, 2025 · LiFePO4 Solar Container Battery 500kw 100kwh High Voltage Stackable Lithium Ion Batteries, Find Details and Price about 1MW Battery LiFePO4 Battery from LiFePO4 Solar ...

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The Ultimate Guide to Battery Energy Storage ...

Apr 6, 2024 · Maximize your energy potential with advanced battery energy storage systems. Elevate operational efficiency, reduce expenses, and ...

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Saft energy storage system to support New Zealand's ...

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Saft to supply 200 MWh battery storage project in New Zealand

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#### A Comprehensive Guide to High Voltage ...

Nov 7, 2024 · A Comprehensive Guide to High Voltage Batteries High voltage batteries are an essential component of modern energy storage ...

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#### High-Voltage Batteries: Basics & Applications ...

Feb 28, 2025 · Conclusion High voltage batteries represent a significant advancement in next-generation energy storage technology. With their ...

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