

New Zealand PE Energy Storage





Overview

Is New Zealand's first large-scale grid battery storage system complete?

Construction of New Zealand's first large-scale grid battery storage system is now complete, with Meridian Energy's Ruakākā Battery Energy Storage System (BESS) being officially opened in a ceremony later today.

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.

Will a 100 mw storage system improve New Zealand's national grid?

The 100 MW storage system, to be operated by Meridian Energy, is designed to improve the stability of New Zealand's national grid as intermittent renewable power generation increases in the country.

What is the NZ battery project?

The NZ Battery Project was set up in 2020 to explore possible renewable energy storage solutions for when our hydro lakes run low for long periods. A pumped hydro scheme at Lake Onslow was one of the options being explored. The Government stopped the Lake Onslow investigations in late 2023.



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[Saft energy storage system to support New Zealand's ...](#)

Jan 10, 2023 · Meridian Energy is building New Zealand's first large-scale grid-connected battery energy storage system (BESS) at Ruakaka on North Island Saft lithium-ion technology will ...

[A regulatory roadmap for battery energy storage systems](#)

Jun 23, 2025 · Battery energy storage systems (BESSs) are the most common new form of ESSs in New Zealand. The Authority is expecting a significant increase in the amount of BESSs ...



[The need for energy storage . KPMG NZ](#)

Dec 6, 2025 · Having a high degree of renewable energy generation means New Zealand needs the capacity to store energy for the times when nature does not align with needs. The storage ...

[The need for energy storage: Firming New Zealand's ...](#)

Mar 18, 2025 · Concept Consulting's modelling shows that without thermal generation from the Rankine units as part of New Zealand's energy storage solution, wholesale electricity prices ...



NZ Battery Project

Jun 17, 2024 · The NZ Battery Project was set up in 2020 to explore possible renewable energy storage solutions for when our hydro lakes run low for long periods. A pumped hydro scheme ...

NZ Battery Project

Phase 1 - Feasibility Study
Phase 2 - Detailed Business Case, Final Investment Decision
Phase 3 - Implementation
Scope and decision-points
Investigation and evaluation of long-term, large-scale renewable energy storage options, including pumped hydro and a range of other dry year storage solutions. The project explores in detail the feasibility of pumped hydro at Lake Onslow, including geotechnical investigations. Cost: approxi...
See more on mbie.govt.nz/saft



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

Jan 10, 2023 · Meridian Energy is building New Zealand's first large-scale grid-connected battery energy storage system (BESS) at Ruakaka on North Island. Soft lithium-ion technology will ...

[Meridian completes 200MWh Ruakaka BESS in](#)



[New Zealand](#)

May 23, 2025 · Meridian Energy, a New Zealand state-owned energy company, has completed the development of its 100MW/200MWh 2-hour duration Ruakaka BESS.

[New Zealand's Energy Storage Power Stations: Powering a ...](#)

Why Energy Storage Matters in New Zealand
New Zealand has committed to generating 100% renewable electricity by 2030, making energy storage systems essential for managing solar ...



[Completion of Ruakaka Battery Energy ...](#)

May 23, 2025 · Construction of New Zealand's first large-scale grid battery storage system is now complete, with Meridian Energy's Ruakaka Battery ...

[Meridian completes 200MWh Ruakaka BESS ...](#)

May 23, 2025 · Meridian Energy, a New Zealand state-owned energy company, has completed the development of its 100MW/200MWh 2-hour ...





[Meridian Powers up New Zealand's Largest Grid-Scale Battery](#)

May 27, 2025 · Meridian Energy Ltd (NZE:MEL) has successfully installed what is New Zealand's first large-scale grid battery energy storage system (BESS). This innovative facility, located ...

New Zealand's first grid-scale battery energy storage system

Mar 12, 2025 · The 100 MW storage system, which will be operated by Meridian Energy, aims to improve the stability of New Zealand's national grid, as intermittent renewable power ...



[Completion of Ruakaka Battery Energy Storage System](#)

May 23, 2025 · Construction of New Zealand's first large-scale grid battery storage system is now complete, with Meridian Energy's Ruakaka Battery Energy Storage System being officially ...

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