

SolarTech Power Solutions

New Zealand Hybrid Energy Storage Project



Overview

New Zealand's Environmental Protection Authority (EPA) has issued resource consents for a utility-scale project combining a 179-MW solar park with a co-located battery energy storage system (BESS) on the North Island. 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.

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.

Will New Zealand invest in battery energy storage systems?

The Electricity Authority Te Mana Hiko has published a draft two-year roadmap that sets out our work to support investment in battery energy storage systems (BESS). BESS will become increasingly important in the future as New Zealand's power system relies on more intermittent and variable generation. Work set out in the roadmap includes:

Does Eku energy have a battery storage project in New Zealand?

Eku Energy has bought a major battery energy storage project in New Zealand's North Island to build out its storage assets. Eku Energy has acquired a 300 MW battery energy storage project in New Zealand's Waikato region, marking its entry into the country.

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.

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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