
New Zealand Auckland solar container outdoor power BESS

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 Ruakaka 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 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:

What is a battery energy storage system (BESS)?

Over recent years, it has become common for utility-scale solar projects in Australia to include a grid-scale battery energy storage system (BESS) to provide energy generated by the solar farm to the grid outside of the times when the sun is shining.

How much does a Bess project cost in New Zealand?

Construction of the BESS, located south of Whangarei, the northernmost city of New Zealand, began in early 2023 and was completed within the project's original budget of NZ\$186 million (US\$109 million). It forms stage two of Meridian's Ruakaka Energy Park development.

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 ...

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

BESS systems allow for increased penetration of intermittent renewable generation, which complements the global transition to zero carbon generation. They are crucial to the increased adoption of de ...

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Ruakaka Energy Park combines a 100-megawatt battery energy storage system (BESS), currently under construction, and a proposed 120-megawatt solar farm located near Marsden

Point in Whangarei.

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