

Solar Storage Container Solutions

The largest energy storage battery in Auckland New Zealand



Overview

Contact Energy (Contact) has answered calls for more energy storage by contracting with Tesla to build a 100-megawatt (MW) battery, which will provide enough electricity to meet peak demand over winter for 44,000 homes for over two hours. 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.

What is New Zealand's biggest battery?

This will be the country's newest large-scale battery, the closest to the largest city, and Tesla's first Megapack 2 XL system in New Zealand. Contact, in the agreement with Tesla, also has the option to expand the capacity of the battery to 130 MW at this site; a move which would make it New Zealand's biggest battery.

How much does a 100 MW battery cost in New Zealand?

New Zealand's Contact Energy has announced plans to build a 100-megawatt (MW) grid-scale battery at Glenbrook, near Auckland, New Zealand, powered by Tesla Megapacks. This project is set to cost up to NZD\$163 million (C\$133 million) and is expected to be operational by the first quarter of 2026.

Will contact make New Zealand's biggest battery?

Contact, in the agreement with Tesla, also has the option to expand the capacity of the battery to 130 MW at this site; a move which would make it New Zealand's biggest battery. The battery will store excess renewable electricity, often generated by the wind or sun in off-peak periods when demand is low, which would otherwise go to waste.

Can large-scale battery storage help balance New Zealand's grid?

Transmission system operator Transpower also published studies in 2017 that showed the potential value of large-scale battery storage for balancing New Zealand's grid and in 2019 that showed the potential value of distributed storage.

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.

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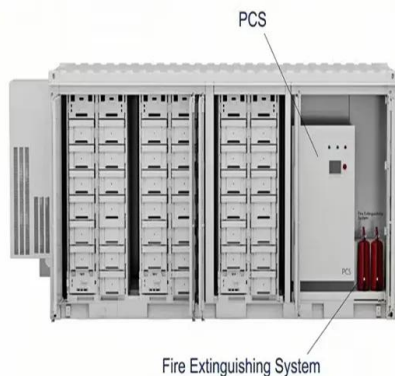


New Zealand's first grid-scale battery energy storage system

A large-scale grid-connected battery energy storage system is to be built at Ruakaka on North Island, thought to be the first of its kind in New Zealand. The 100 MW storage system, which ...

Celebrating the Success of New Zealand's Largest Battery Energy Storage

Nov 16, 2023 · New Zealand has always been at the forefront of renewable energy and the completion of New Zealand's largest Battery Energy Storage System (BESS) marks another ...



Launch of New Zealand's first utility-scale Battery Energy Storage

Oct 27, 2023 · WEL Networks and Infratec are proud to announce the launch of New Zealand's largest Battery Energy Storage System (BESS) with commissioning underway. The BESS is ...

Mysolarquotes charts costs of solar and batteries in New Zealand...

4 days ago · After surveying almost 100 New

Zealanders about their solar and battery installs, Mysolarquotes recently released 'The Hidden Costs of Solar and Battery Systems in New ...

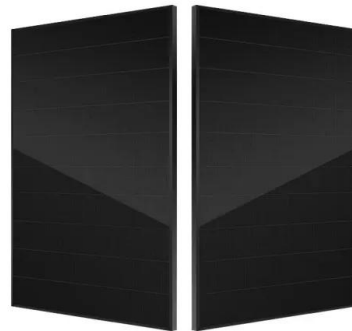


New Zealand welcomes first big battery to ...

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 ...

The Hidden Economics of Solar and Battery Systems in NZ: ...

Jan 28, 2025 · Discover the true costs of solar and battery systems in New Zealand for 2024. Explore pricing trends, key insights, and what to expect for solar and battery prices in 2025.



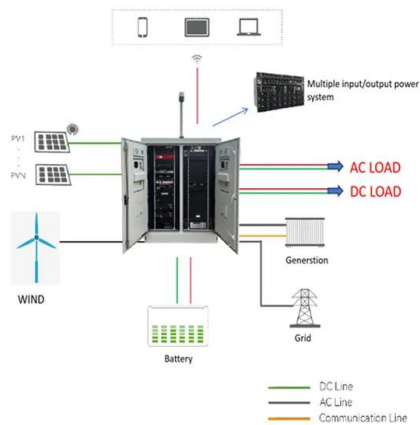
BATTERY STORAGE IN NEW ZEALAND

Sep 7, 2023 · the electricity supply chain. We did this by investigating the costs, benefits, regulatory, technical and commercial implications of battery storage located in different regions ...

Meridian completes NZ's first grid-scale battery, eyes solar ...

...

May 23, 2025 · Meridian Energy has officially opened New Zealand's first large-scale grid battery storage system at Ruakaka, the first of its kind, and a milestone in the country's renewable ...



Biggest generator in New Zealand presses go on ...

Mar 26, 2025 · The biggest generation company in New Zealand presses go on its first big solar farm, and reveals some interesting data around its output and ...

Saft to supply 200 MWh battery storage project in New Zealand

Sep 19, 2024 · 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 ...



Genesis Energy Initiates Construction of 200MWh Battery Storage ...

Jun 7, 2025 · Genesis Energy, a publicly listed energy company in New Zealand, has officially commenced construction of a 100MW/200MWh battery energy storage system (BESS) on the ...

Major Milestone Reached For Contact's New Grid-Scale Battery

Apr 11, 2025 · New Zealand's latest grid-scale battery, set to power the equivalent of 44,000 Kiwi homes at peak demand, has moved one step closer to reality. Contact Energy (Contact) has ...



Contact Energy Picks Tesla Megapacks to Power 100MW Battery in New Zealand

Jul 1, 2024 · New Zealand's Contact Energy has announced plans to build a 100-megawatt (MW) grid-scale battery at Glenbrook, near Auckland, New Zealand, powered by Tesla Megapacks. ...

Electrification and energy storage

Aug 13, 2025 · Enabling the shift from fossil fuels to electricity, including energy storage, distributed energy technologies and systems, electrification of transport, and network ...



Meridian completes 200MWh Ruakaka BESS in New Zealand

May 23, 2025 · Meridian anticipates that the BESS will generate annual revenues of up to US\$35 million. Image: Meridian Energy. Meridian Energy, a New Zealand state-owned energy ...

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