

SolarGrid Energy Solutions

New Zealand energy storage project approved



Overview

Meridian Energy, a New Zealand state-owned energy company, has completed the development of its 100MW/200MWh 2-hour duration Ruakākā battery energy storage system (BESS), which it claims is the country's first utility-scale BESS. Where can I find information about New Zealand's first large-scale battery storage system?

If you require further searching capabilities for announcements please email: data@nzx.com 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.

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.

Is a 130 MW solar farm being built in New Zealand?

A large-scale grid-connected battery energy storage system is to be built at Ruakākā on North Island, which is the first stage of a project that will also include the construction of a co-located 130 MW solar farm. This is thought to be the first of its kind in New Zealand.

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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 Ruakākā on North Island, thought to be the first of its kind in New Zealand. The 100 MW storage system, which ...

1.1GW of solar PV submitted for fast-track in New Zealand

Aug 7, 2023 · New Zealand has submitted nine solar PV projects for fast-track approval since 2020, totalling 1,147MWp in power generation capacity.



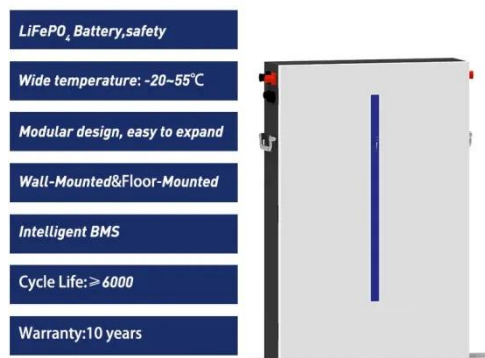
Biggest generator in New Zealand presses go on ...

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 ...



New Zealand steps up approvals process for large-scale PV projects

Oct 9, 2024 · Ten large-scale solar farms planned for New Zealand's North and South islands are among 22 renewable energy projects with a combined capacity of 3 GW that have been listed ...



The Rise of Grid-Scale Battery Projects in New ...

May 16, 2022 · Grid-scale battery storage solves this problem of solar and wind intermittency, enabling the use of renewable plants for large sets of ...

Completion of Ruakōkō 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 Ruakōkō Battery Energy Storage System (BESS) being ...



Meridian completes 200MWh Ruakōkō 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

Ruak?k? battery energy storage ...



What's the latest with grid connections?

2 days ago · View our progress to connect new electricity generation, energy storage and load projects for our customers.



New Zealand's Meridian Energy Receives Approval for 120MW Solar Project

Sep 30, 2024 · Meridian Energy, a state-owned energy company in New Zealand, has received approval to develop a 120 megawatt (MW) solar photovoltaic (PV) project in Tai Tokerau ...

New Zealand welcomes first big battery to ...

Mar 13, 2024 · New Zealand's first utility-scale battery energy storage system has commenced operation with electricity

distribution company WEL Networks ...



Energy Sector in New Zealand: Reviewing 2024 ...

Feb 19, 2025 · A snapshot of key insights and developments in New Zealand's energy sector in 2024, as well as the trends that will shape the sector in 2025.

Harmony given the green light for developing ...

4 days ago · The country's Environmental Protection Authority has approved Harmony's proposal for the 147 megawatt solar farm to be installed on 182 ...



New Zealand Energy Corp. Provides Update on the Tariki ...

February 11, 2025 - Vancouver, British Columbia, Canada - New Zealand Energy Corp. ("NSEC" or the "Company") (TSX-V: NZ) is pleased to provide the following

update. Further to our ...



Buckleys Road: Approval for a 65MW Solar ...

Aug 15, 2025 · With the approval obtained, construction work is set to begin shortly, marking a significant step forward for New Zealand's energy industry. ...

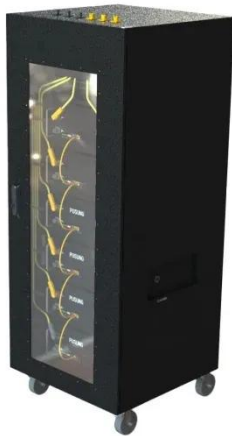


New Zealand finishes build of 100 MW / 200 ...

May 23, 2025 · Construction of the Meridian Energy 's Ruak?k? BESS is now complete, adding a significant boost to the New Zealand grid. The 100 MW / ...

New Zealand's first grid-scale battery storage ...

Oct 18, 2021 · Power distribution company WEL Networks and renewables developer Infratec are in the final stages of assessment for what will be New ...



New Zealand: Ethical Power gets nod for 65MW ...

Jun 13, 2024 · A solar project from another company, Lodestone Energy, which operates the largest solar PV projects in New Zealand. Image: Lodestone ...

New Zealand gentailer completes 100 MW ...

May 23, 2025 · Construction of the Wellington, New Zealand-headquartered electricity gentailer Meridian Energy Ruak?k? battery energy storage system ...



New Zealand battery project awarded to Saft as ...

Mar 11, 2022 · Construction will commence in New Zealand on the country's biggest battery energy storage system (BESS) project so far in July.



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 Ruakākā on North Island. Soft lithium-ion technology will ...



NZ Battery Project

Jan 10, 2023 · Soft lithium-ion technology will provide 100 MW power and 200 MWh storage capacity to support grid stability as intermittent wind and solar power increases in New Zealand.

New Zealand's First 100MW Grid-Scale Battery Storage Project Gets Approval

Nov 8, 2022 · The 100MW battery storage project is in development by electricity generator and retailer.

Meridian Energy at Ruakaka on New Zealand's North Island. The site is adjacent to ...



Sustainable Energy Association of New Zealand

SEANZ, the Sustainable Energy Association of New Zealand, leads the promotion, support and innovation of solar PV and energy storage solutions ...

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 ...



MONUMENTAL ENERGY CORP. PROVIDES ...

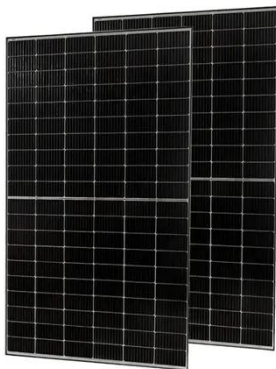
Feb 11, 2025 · I applaud NZEC for fast-tracking its Tariki gas storage project, which will not only benefit our shareholders but also promote a more

stable ...



Insights , Investing in New Zealand Green Energy: ...

Apr 11, 2025 · In recent years, New Zealand has become a hotspot for global green energy investment with its abundant renewable energy resources and firm commitment to sustainable ...



Solar + BESS: An answer to New Zealand's ...

May 14, 2024 · Over recent years, it has become common for utility-scale solar projects in Australia to include a grid-scale battery energy storage system ...

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 ...



New Zealand Energy Reports Q1 Loss, Unveils Strategic Shift ...

Jun 4, 2025 · New Zealand Energy Corp (NZERF) reported Q1 2025 financial results, posting a comprehensive loss of \$994,550, compared to a \$914,919 loss in Q1 2024. Cash position ...

Fast-track to boost renewable electricity

Oct 6, 2024 · The 22 renewable electricity projects listed for fast-track will help us achieve that ambition and bolster New Zealand's energy security," Mr Brown ...



Unlocking the potential for batteries to ...

Apr 16, 2024 · This article explains the importance of grid-scale batteries as New Zealand shifts towards a highly renewable electricity system. What is

grid ...



Meridian sets construction date for 120MW solar ...

Mar 26, 2025 · Meridian Energy will begin construction of its 120MW Ruakōkō Solar Farm in Tai Tokerau Northland, New Zealand, in August 2025.



New Zealand Energy Corp. Provides Update on the Tariki ...

Feb 11, 2025 · With a view to accelerating the high value storage phase of the Tariki field, the Company is proceeding with design of the first stage injection & extraction gas storage project ...

Meridian Energy Completes New Zealand's First Large-Scale ...

May 26, 2025 · Meridian Energy has completed construction of New Zealand's first large-scale grid-

connected battery energy storage system (BESS) at Ruakōkō, with an official opening ...



Providing detailed design and construction ...

Oct 23, 2024 · We're providing detailed design and construction support for New Zealand's first grid-scale Battery Energy Storage System (BESS) to enhance ...

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