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New Zealand Energy Storage Project Procurement



Overview

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.

What is the Darfield solar & energy storage project?

The Darfield Solar & Energy Storage Project is a landmark 117 MW solar development in Canterbury, New Zealand, featuring optional battery storage of up to 106 MW / 200–400 MWh. Designed for a 40-year lifespan, it will generate 210 GWh annually—enough to power 23,000 homes—while reducing carbon emissions by 12,000 tonnes.

Can a 200 MWh solar farm be built in New Zealand?

A 200 MWh solar plus storage farm planned for Glorit near Auckland, on the north island of New Zealand, has been granted resource consent and a notice of requirement by an independent panel. The decision allows the solar farm and battery energy storage system (BESS) for the Glorit Solar Farm to proceed, with more than 100 conditions in place.

How will New Zealand transition to net zero emissions?

As New Zealand continues towards electrification of its energy system to assist the transition to net zero emissions, more renewable energy projects are starting to move through the development phases and are reaching the start of construction.

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Overview of government Renewable Energy tender procurement in New Zealand Procurement supports energy transition, infrastructure upgrades, and emissions reduction initiatives.

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Phase 1 - Feasibility StudyPhase 2 - Detailed Business Case, Final Investment DecisionPhase 3 - ImplementationScope and decision-pointsInvestigation 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.nzSimpson Grierson

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A 179 MW solar-plus-storage project near Auckland has won approval from an independent panel, with a commercial decision now able to take place if the project remains ...

MFAT is in the 'awaiting approval' stage of a Solar PV, Battery Energy Storage System (BESS) and electrical grid upgrade project in Niue. The current scope of the project includes the ...

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 ...

Eku Energy, the battery storage platform of Macquarie's Green Investment Group (GIG), has acquired an energy storage project in New Zealand, a move that marks its entry ...

A 179 MW solar-plus-storage project near Auckland has won approval from an independent panel, with a commercial decision now ...

New Zealand government tender for Solar PV, Battery Energy Storage System (BESS) and electrical grid upgrade project in Niue, TOT Ref No: 98032769, Tender Ref No: -, Deadline: ...

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