



**EQACC SOLAR**

# **New Zealand Energy Storage Power Station**



## Overview

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How important are battery energy storage systems to New Zealand's electricity supply?

Battery energy storage systems are set to play an increasingly important role in New Zealand's electricity supply.

Where is Genesis Energy building a battery energy storage system?

Image: Genesis Energy New Zealand government-backed energy generator and retailer Genesis Energy has started building a 100 MW / 200 MWh battery energy storage system alongside the 1.2 GW coal- and gas-fired Huntly Power Station in the Waikato district.

How much does the New Zealand battery project cost?

The almost \$140 million (NZD 150 million) battery project, which is scheduled to be operational by late 2026, is the first phase of a planned multi-stage development that is expected to deliver up to 400 MW / 800 MWh of energy storage capacity at the site, about 100 kilometres south of Auckland.

How many MW is a battery energy storage system?

It will have a total installed capacity of between 200-300MW. The BESS will connect to an existing 220 kV line via a new 33kV underground cabling into a new switching substation, and then into the Transpower substation, and onto the national grid. Why build a Battery Energy Storage System now?

## New Zealand Energy Storage Power Station



### Genesis begins battery build at thermal ...

Construction of a 200 MWh battery energy storage system has commenced on New Zealand's North Island as part of power company ...

## Ruakaka Energy Park

Ruakaka Energy Park combines a 100-megawatt battery energy storage system (BESS), currently under construction, and a proposed 120 ...



### Genesis begins battery build at thermal power station site

Construction of a 200 MWh battery energy storage system has commenced on New Zealand's North Island as part of power company Genesis Energy's plans to transform the ...

## Building New Zealand's battery future at Huntly Power Station

In a major step forward for New Zealand's renewable energy future, Genesis Energy has commenced construction on a 100 MW / 200 MWh Battery Energy Storage System (BESS) ...



### **New Zealand's Energy Storage Power Stations: Powering a ...**

Why Energy Storage Matters in New Zealand New Zealand has committed to generating 100% renewable electricity by 2030, making energy storage systems essential for managing solar ...

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

Construction and commissioning of the Ruakaka battery energy storage system (BESS) on New Zealand's North Island is ...



### **Saft utility-scale BESS will power Huntly ...**

This major contract for Genesis will be Saft's third utility-scale BESS to support the New Zealand grid. This success is based on the ...



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## **Utility scale battery storage projects New Zealand**

Saft, a subsidiary of French energy giant TotalEnergies, will provide Genesis Energy in New Zealand with a 100MW/200MWh utility-scale battery energy storage system ...



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## **New Zealand finishes build of 100 MW / 200 MWh battery ...**

Construction and commissioning of the Ruakaka battery energy storage system (BESS) on New Zealand's North Island is complete, with the site expected to reach full ...

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## **Saft utility-scale BESS will power Huntly Portfolio to drive New**

This major contract for Genesis will be Saft's third utility-scale BESS to support the New Zealand grid. This success is based on the growing reputation of our

Intensium lithium ...



## **Meridian completes 200MWh Ruakaka BESS ...**

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

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

Meridian Energy has completed construction of New Zealand's first large-scale grid-connected battery energy storage system (BESS) at Ruakaka, with an official opening ...



## **Ruakaka Energy Park**

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

## GRADE A BATTERY

LiFePO4 battery will not burn when overcharged over discharged, overcurrent or short circuit and can withstand high temperatures without decomposition.



## Marsden Point in ...

### Meridian completes 200MWh Ruakaka BESS in New Zealand

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



## Energy Storage

What experience do we have with Battery Energy Storage Systems? We're building on the experience of our pioneering direct grid-connected 1MW/2MWh battery that we piloted at our ...

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