



**SolarTech Power Solutions**

# **New Zealand's energy storage export companies**

**LFP12V100**



## Overview

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Is EKU energy launching a battery energy storage system in New Zealand?

Image: Eku Energy. Energy storage developer Eku Energy has entered the New Zealand battery energy storage system (BESS) market. The developer confirmed yesterday (24 June) that it had purchased an undisclosed-sized BESS to be developed in Waikato, on the country's North Island. The region is home to the country's largest river and lake.

Why is fuel storage important in New Zealand?

The choice of fuel used for storage is critical for security, price stability and environmental impact. There is value in New Zealand having diversity for its storage solutions, as seen by the impact of the lack of gas in Winter 2024. Working with every facet of the energy industry, to help clients respond to business issues and trends.

What is New Zealand's energy supply?

In 2021, New Zealand's Total Energy Supply (TES) amounted to 829.3 petajoules (PJ), marking an 11% increase compared to 2011. The energy supply composition highlighted a diverse range of sources, with renewables being the largest contributor at approximately 42%, followed by oil at 34%, natural gas at 17%, and coal contributing about 7%.

Will Huntly assets support New Zealand's energy security?

Off the back of its experience in Winter 2024, Genesis asked KPMG and Concept Consulting to assess the future requirement for Huntly assets to support New Zealand's energy security over the short, medium, and long term. Key takeaways from this report::

Why does New Zealand need a 'flexible' electricity market?

As with other electricity markets around the world, the use of renewables means the market faces great exposure to climatic conditions and therefore

New Zealand requires significant amounts of 'flexible' generation that can vary output to balance the variations in weather.

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