

# Home energy storage project financing options in New Zealand 2030





## Overview

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Which green home loan options are available in New Zealand?

Here are the available green loan options in New Zealand: Westpac greater choices home loan BNZ green home loan top-ups ANZ good energy home loan ASB better homes top up Kiwibank sustainable energy loan The upfront cost of rooftop solar has come down considerably over the years, with costs potentially paid back in seven to eight years.\*\*.

Does New Zealand offer a home loan top-up?

All of New Zealand's major banks offer some kind of green energy finance in the form of a home loan top-up. Some can only be used to fund the purchase of a sustainable energy system, such as solar panels, while others can also be used to buy heating or insulation.

Will New Zealand transition to a 100% renewable electricity system?

2.7 Ongoing work by the Authority's Market Development Advisory Group (MDAG) has highlighted that New Zealand will be at the 'bleeding edge' of transitioning to a 100% renewable electricity system within the context of a deregulated electricity market<sup>6</sup>.

What is a BNZ green home loan?

BNZ Green Home Loan: Supports projects that improve home energy efficiency and sustainability. The Co-operative Bank Environmental Loan: Helps fund eco-friendly home renovations. Green home loans are a smart way to fund energy-efficient upgrades and lower your household's environmental impact.

How many MW of renewable generation have been built in New Zealand?

As we highlighted in our submission to the Climate Change Commission<sup>7</sup>, around 1600 MW of new renewable generation has been built in New Zealand by investors since the market started, 25 years ago, alongside around 2000



MW of new thermal generation. Around 1500 MW of thermal generation has been retired.

Are smart grids the future of New Zealand's energy landscape?

Smart grid technology, which enhances the efficiency and reliability of electricity distribution, is another area ripe for investment. By supporting the integration of renewable energy sources and improving energy management, smart grids can play a significant role in the future of New Zealand's energy landscape.



# Home energy storage project financing options in New Zealand 203



## Renewable energy investment opportunities in New Zealand , Invest New

New Zealand is well-placed in the Asia-Pacific region, making it a key location for clean energy exports and green hydrogen production. Robust infrastructure and skilled workforce The ...

## Unlocking the power of energy storage: Technology, finance, and ...

By enabling greater shares of renewables in the power system and shifting electricity supply to when it's most needed, batteries will help advance progress on the goals set at COP28. These ...



## Capitalizing on New Zealand's Solar Energy Surge

New Zealand Solar - A dedicated platform that offers news, analysis, and resources related to solar energy projects and investments in New Zealand. Solar Power ...

## Executive summary - New Zealand 2023 - Analysis

New Zealand should weigh its aspiration to achieve 100% renewable electricity by 2030 against the potentially considerable costs associated with achieving the last 2-5% of the target. New Zealand does not yet have a long-



term energy ...

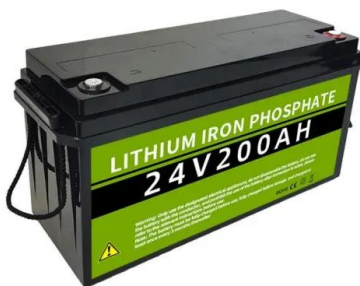


### [Financing Energy Storage: A Cheat Sheet](#)

As such, we're providing this "Cheat Sheet for Energy Storage Finance" based on our work as buy-side and sell-side investment bankers experienced in both energy storage venture capital and project finance. I'm also including some ...

### Energy transition roadmap

With a high proportion of hydro generation, backed by a material quantity of hydro storage, New Zealand's renewable generation has much more flexibility than other countries are likely to ...



### New Zealand welcomes first big battery to national grid

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 project now offering injectable reserves to the electricity market for the first time.



### How to finance battery energy storage , World Economic Forum

Battery energy storage systems can address the challenge of intermittent renewable energy. But innovative financial models are needed to encourage deployment.



### Strategic Player in the Future of New Zealand Energy

ture capital expenditures to be made by the Company. Actual results could differ materially from those anticipated in these forward-looking statements as a result of the risk factors set forth ...



### 2030 strategy: Financing sustainable growth in Aotearoa ...

Consider options to better recognise and enable investor stewardship in New Zealand in supporting good practice and corporate accountability. (Lead agency - MBIE, Ministerial ...



### Green loans for your home . Gen Less

To help Kiwis make the move to more energy-efficient options, most New Zealand banks offer discounted financing options and home-loan top ups. These loans are all slightly different, with varying interest rates and terms.





### Herbert Smith Freehills Kramer advises on the development and project

Gerard Pike, HSF's lead finance and offtake partner on the matter, added, "it was great to help Nova and Meridian achieve great terms and financial close on this greenfields ...



### 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 ...

### Insights

Clean Energy Article Scaling Clean Energy in India: Financing the Transition At the BNEF Summit in New Delhi, leaders and innovators will assess India's clean energy progress and path to its 2030 climate goals.

↑ ESS



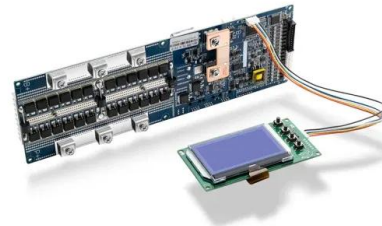
### Accelerating the roll-out of public EV chargers , National

The Government is updating the way it co-invests in public electric vehicle (EV) chargers with the private sector to accelerate the delivery of EV chargers across New Zealand, ...



### Financing Energy Storage Deployment: What Are the ...

The Energy Storage Association (ESA) has an energy storage vision "of 100 GW by 2030" and that goal is right on schedule, even with the economic downturn and global pandemic. The growth is primarily comprised of large grid-connected ...



### New Energy Outlook

The New Energy Outlook presents BloombergNEF's long-term energy and climate scenarios for the transition to a low-carbon economy. Anchored in real-world sector and country transitions, it provides an independent set of credible ...



### Financing Battery Storage Systems: Options and ...

Recently, Peak Power conducted an energy storage finance webinar that focused on strategies available for financing battery storage system projects. The webinar aimed to provide valuable insights into financing options ...



### Battery Energy Storage Financing Structures and Revenue ...

The revenue strategies project sponsors (also referred to as project owners) can pursue for their battery energy storage systems (BESS) projects. Financing structure options for standalone ...



### Energy Storage Grand Challenge Energy Storage Market ...

Foreword As part of the U.S. Department of Energy's (DOE's) Energy Storage Grand Challenge (ESGC), DOE intends to synthesize and disseminate best-available energy storage data, ...



### Financing battery storage+renewable energy

For example, Renewable Energy Systems has 90 MW of standalone batteries in operation and more than 55 MW under construction, including two 55 MW projects in the UK that provide ...

### Ekü steps in New Zealand with BESS project purchase

Ekü 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 into the country.



### New Zealand's second emissions reduction plan ...

The Government is committed to delivering on our climate change commitments while growing the New Zealand economy. New Zealand can have prosperous communities, affordable and secure energy, increasing ...



## **Making project finance work for battery energy storage projects**

Why securing project finance for energy storage projects is challenging It has traditionally been difficult to secure project finance for energy storage for two key reasons. Firstly, the nascent ...



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