

BESS project financing options in New Zealand 2025



Overview

Starting July 1, 2025, a \$2.3 billion subsidy program will provide at least a 30% discount on home battery installations, with larger rebates for higher-capacity systems up to 50 kWh. This initiative aims to enhance the benefits of rooftop solar power and support grid resilience. Why is Bess important in New Zealand?

BESS will become increasingly important in the future as New Zealand's power system relies on more intermittent and variable generation. Work set out in the roadmap includes: Improving network pricing to maximise consumer benefits from new and emerging technologies, including BESS.

How does a Bess system work?

BESS systems use large rechargeable batteries to store energy for later use, which can make renewable energy supply more flexible and help alleviate network supply constraints.

Why do we need a Bess roadmap?

The roadmap also recognises current issues along with credible solutions which are actively being implemented. This is a very welcomed approach, and in our view, the clear and stable regulatory base provides an excellent platform for building and investing into BESS in New Zealand.

What is the Glenbrook Bess project?

The Glenbrook BESS project began with the task of designing a 100-megawatt (200-megawatt hour) Tesla Megapack battery system to fulfil the peak winter demand of over 44,000 residences.

Why is CentrePort launching a pilot Bess facility?

CentrePort will be installing a pilot scale 1000kWhr / 500kW BESS facility to address current operational challenges and meet the near-term needs of electrification initiatives. The Pilot BESS will complement our recently

established 122kW solar array and planned new 430kW solar array due to be built in 2025.

Can Beca select Tesla as a Bess aggregator?

Additionally, Beca participated in a small equipment selection group, in which the criteria of various BESS aggregators were analysed. From this exercise, Contact was able to gain the confidence to select Tesla as their partner in BESS equipment.

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Red Sands BESS Project Secures R5.4bn Financing, Set to ...

The ambitious 153 MW/ 612 MWh Red Sands battery energy storage system (BESS) project, poised to become Africa's largest standalone facility of its kind, has reached ...

The Art of Financing Battery Energy Storage Systems ...

Bringing it all together Elgar Middleton has extensive knowledge of, and experience in financing, co-located BESS, standalone BESS, BESS duration, warranty duration, cycling, degradation, floors, fixes as well as ...



Financing BESS: Innovative models needed to promote storage ...

Debt financing can be structured so that BESS solutions are optimally used. For example, the outcome can include storage capacity, the number of charge/discharge cycles, ...



Japan BESS: First non-recourse project finance of a ...

The announcement of a new battery project by

Kansai for a 99 MW / 396 MWh battery in Misaki, Osaka Prefecture is notable not just because of its size, but because the project was financed on a



Bankability and the funding Pathway for BESS and ...

Securing debt for BESS and hybrid projects requires a "bankable" revenue forecast from lenders preferred consultants. Developers need their own flexible modelling tools to optimise project design and achieve more ...



BESS in Germany 2025 and Beyond: Use Cases, ...

BESS Capacity across Germany and Projected Growth By mid-2024, Germany's total BESS capacity reached 16 GWh, which included: 13 GWh residential 1.1 GWh commercial 1.8 GWh large-scale systems Germany led ...



Battery energy storage systems roadmap released

The Electricity Authority Te Mana Hiko has published a draft two-year roadmap that sets out our work to support investment in battery energy storage systems (BESS). BESS ...



Outlook 2025: The future of the utility-scale BESS market

The rapid evolution of the utility-scale battery energy storage systems (BESS) market in Australia, Europe and the US has seen the emergence of a wide range of offtake products. These arrangements offer opportunities for ...



ESS



Saft to deliver 200MWh BESS at New Zealand's biggest electricity

The system is planned to come online in the third quarter of 2026. The BESS will become Saft's third utility-scale BESS in the New Zealand market. One of these is the ...

Mizuho Closes Landmark Financing for KKR and Infracapital's ...

This deal marks a significant milestone as the first BESS financing in EMEA for Mizuho, reinforcing the bank's commitment to supporting energy transition and ...



Making project finance work for battery energy storage

Emily Sidhu, director in the banking and investment team at UK Infrastructure Bank (UKIB), explains that the main barrier to the project financing of BESS projects relates to revenues. ...



Equis starts building 500 MWh Tesla battery in ...

The project will be structured as two facilities, one of 100 MW/200 MWh and another of 150 MW/300 MWh. An energy offtake agreement has been signed for the smaller of the two sections. Meanwhile, the 150 MW ...



Planning consent for 65MW solar and BESS project in ...

Kea Energy is a boutique Gen-Tailer in the New Zealand electricity market and has been retailing renewable power for over 10 years. It constructed New Zealand's first Utility Scale solar farm at a humble size of 2MW. KeaX ...

Comparing Battery Energy Storage Systems (BESS) in Australia ...

Battery Energy Storage Systems (BESS) are pivotal in modernising electricity grids, enhancing reliability, and integrating renewable energy sources. Australia has been at the forefront of ...





What Investors Want to Know: Project-Financed Battery Energy ...

Battery energy storage systems (BESS) store electricity and flexibly dispatch it on the grid. They can stack revenue streams offering arbitrage, capacity and ancillary services ...

Japan BESS: First non-recourse project finance of a large-scale

The announcement of a new battery project by Kansai for a 99 MW / 396 MWh battery in Misaki, Osaka Prefecture is notable not just because of its size, but because the ...



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

Over recent years, it has become common for utility-scale solar projects in Australia to include a grid-scale battery energy storage system (BESS) to provide energy generated by the solar farm to the grid outside of the times ...

Renewable Energy 2024

Development activity in BESS is increasing in New Zealand, both in stand-alone grid-scale BESS and BESS co-located with renewable energy generation. As more intermittent ...

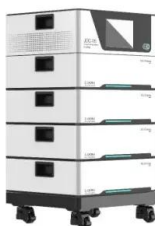


Enabling renewable energy with battery energy ...

These developments are propelling the market for battery energy storage systems (BESS). Battery storage is an essential enabler of renewable-energy generation, helping alternatives make a steady contribution to the ...

Budget Policy Statement 2025, The Treasury New Zealand

The Public Finance Act 1989 (PFA) requires the Minister of Finance to present a budget policy statement to the House of Representatives each year that sets out: the goals ...



Meridian completes 200MWh Ruakākā BESS in New Zealand

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

Enhancing New Zealand's energy with Glenbrook BESS

Beca is transforming energy storage in New Zealand with the Glenbrook BESS project, which will power several thousands of homes and support the energy transition to renewable sources.



Renova secures financing for 215MW of BESS ...

On February 28, 2025, Renova secured funding for three grid-scale battery storage projects with a total power capacity of 215MW it was awarded in Japan's first long-term decarbonization auction, the company said ...

Saft to deliver 200MWh BESS at New Zealand's ...

The system is planned to come online in the third quarter of 2026. The BESS will become Saft's third utility-scale BESS in the New Zealand market. One of these is the 100MW/200MWh system provided to state-owned ...



Latest Battery Energy Storage System (BESS) Projects in New Zealand

Search all the latest and upcoming battery energy storage system (BESS) projects, bids, RFPs, ICBs, tenders, government contracts, and awards in New Zealand with our comprehensive ...



Modern BESS offtake agreements: A guide for project developers

BESS offtake agreements play a critical role in securing stable revenue streams, mitigating market risks, and underpinning the financial stability of projects. If you're involved in ...



Launch of New Zealand's First Utility Scale BESS

WEL Networks and Infratec are proud to announce the launch of New Zealand's largest Battery Energy Storage System (BESS) with commissioning underway. Held on Friday 20th October, ...



Financing Battery Energy Storage Systems - Meeting ...

Co-authored by Harry Brunt, a partner in our Energy and Infrastructure team, and Dan Roberts of Frontier Economics Introduction In this article we consider the role and application of battery energy storage systems ...





Powering Aotearoa, New Zealand's Future: The Ruak?k? BESS Project ...

Aotearoa New Zealand is on a journey towards a sustainable energy future, and innovative projects like Meridian Energy's Ruak?k? Battery Energy Storage System (BESS) are crucial to ...

ANZIP

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