



Current status of New Zealand photovoltaic energy storage market





Overview

The latest Electricity Authority data reveals a solar market gaining both depth and sophistication. With total connections reaching 69,025 as of January 2025, the industry has moved well beyond early adoption into a phase of sustained, strategic growth. New Zealand's solar industry stands at a pivotal moment as regulatory reforms promise to reshape project economics and market opportunities. This makes up an estimated contribution of under 1% of total electricity consumption. Analysis by University of Auckland Associate Professor, Energy Economics, Stephen Poletti, Victoria University Energy Policy Centre Professor Bruce Mountain and Victoria. New Zealand has exempted rooftop solar from building consent requirements, aiming to cut costs and simplify installation processes while maintaining compliance with national safety standards. A 179 MW solar-plus-storage project near Auckland has secured approval from an independent panel, allowing. As of June 30, 2024, there are 62,707 solar power systems installed in New Zealand, with a capacity of 447. " Is the market for solar power growing in New Zealand?

The pace of solar installation and size of the market. Sarah Gillies tells PV Tech Premium that greater investment will be needed to stabilise the New Zealand electricity system, as the next two years will 'continue to be challenging'.



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[Solar energy in New Zealand -- facts and outlook , EECA](#)

Discover the benefits, challenges, and future potential of solar energy in New Zealand -- from rooftop solar PV systems to emerging grid-scale opportunities.

[New Zealand Solar Photovoltaic Power Storage Systems: Benefits, Trends](#)

New Zealand's unique geography and climate make it perfect for solar energy. But here's the catch - sunlight isn't available 24/7. That's where photovoltaic power storage systems come in. These systems store excess ...



[New Zealand Solar Energy Market - Size, Share, Trends, Analysis](#)

Falling solar panel prices and advancements in energy storage technologies have made solar power more affordable and reliable. The country's commitment to reducing greenhouse gas emissions and achieving a ...

[NZ Solar Market Update: February 2025 industry analysis](#)

New Zealand's solar industry stands at a compelling intersection of market maturity and emerging opportunity. The convergence of utility-scale project approvals, regulatory reforms, and technological advances creates a ...



New Zealand Solar Power Market Outlook to 2030

Blackridge Research's New Zealand Solar Power Market Outlook report consolidate the developments and build a perspective on growth from the point of view of the solar sector, in its current and future role.

New Zealand Solar Market Stats & Insights 2024

As of 2024, New Zealand has eight operational solar farms, with 40 more in various stages of development.



New Zealand - pv magazine International

News from the photovoltaic and storage industry: market trends, technological advancements, expert commentary, and more.

[New Zealand Photovoltaic Market](#)



(2025-2031) , Companies & Industry

New Zealand Photovoltaic Market (2025-2031) , Revenue, Size, Trends, Value, Companies, Analysis, Industry, Growth, Share, Forecast, Segmentation & Outlook



The New Zealand energy crisis: an opportunity for solar PV

Both solar PV and energy storage have seen increasing support from the Electricity Authority. Indeed, the organisation is actively looking to improve regulations to support more investment in

Solar could improve NZ's energy market - University of Auckland

And they are all now having to develop expensive grid-scale battery solutions to store solar power produced in the middle of the day for evening use. New Zealand's huge hydro storage advantage means ...





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