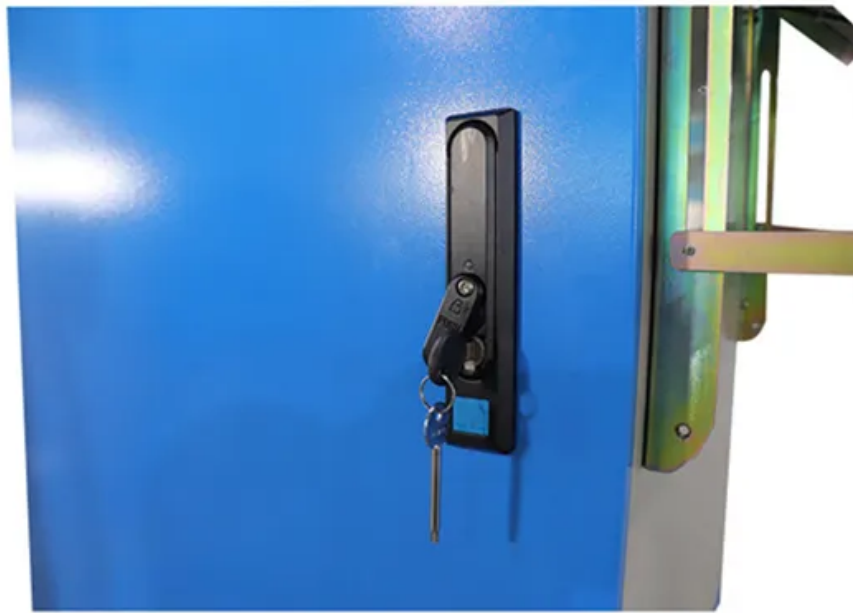


## Global PV Storage Insights

# Successful bid price of factory solar storage project in New Zealand 2025



## Overview

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How many solar and battery energy storage systems will Harmony Energy New Zealand have?

Harmony Energy New Zealand has secured a further nine solar and battery energy storage system (BESS) projects, which the company's Commercial Director Pete Grogan said has all land required under option and grid connections towards the top of Transpower's Generation Connection Pipeline.

How much does a solar battery cost in New Zealand?

The lowest price paid was \$8,000 for a 6 kWh battery, which implies that smaller systems can be more accessible for those on a budget. The best value was \$9,000 for a 9.6 kWh battery, equating to \$937.50 per kWh. Indicating the batteries below \$1000/kWh can be hunted down in the NZ market. What's Next for Solar Prices in 2025?

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How much does a solar power system cost?

**Average Price For A Solar Power System:** The typical solar power system size from our dataset was a 7kW, the average cost for this system size was \$16,492. **Battery Systems Prices:** The average battery cost is \$1,249.79 per kWh, with smaller systems offering affordability and larger systems offering better value per kWh.

How will the energy competition task force reforms affect solar generation?

The Energy Competition Task Force's recent proposals signal a fundamental shift in how solar generation will be valued and compensated. At the heart of these reforms is a recognition that solar's contribution to grid stability and peak demand management has been historically undervalued.

How much does a kW solar system cost?

Key Insight: Bigger systems offer better value per kW. While a 4kW system averages at \$2,601 per kW, an 11-12kW system drops to \$1,901 per kW, making larger installations a smarter long-term investment for households anticipating higher energy needs, like adding EV chargers or transitioning appliances from gas to electricity.

Why is solar becoming more popular in industrial installations?

Nearly doubling its penetration rate from 1.02% to 1.94% since March 2023, industrial adoptions reflect growing recognition of solar's role in managing energy costs and achieving sustainability goals. This surge in industrial installations, now totalling 2,533 connections, signals a fundamental shift in how large energy users view solar technology.

## Successful bid price of factory solar storage project in New Zealand



### New Zealand: 22 renewable projects listed for fast-track

The 22 renewable electricity projects listed for fast-track will help us achieve that ambition and bolster New Zealand's energy security," Mr Brown says. New Zealand: Fast-track projects ...

### Solar power in New Zealand

Solar potential of New Zealand Solar panels on a home in Auckland Solar power in New Zealand is increasing in capacity, in part due to price supports created through the emissions trading ...



### HRC Gateway

We offer funding of up to \$1,200,000 for research projects that have the potential to vastly improve the health of New Zealanders. Projects can cover a diverse range of areas, including ...

### New Zealand Renewable Energy Tenders, Bids and RFP

TendersOnTime, the best online tenders portal, provides latest New Zealand Renewable Energy tenders, RFP, Bids and eprocurement notices from various states and counties in New Zealand.



## Work set to begin on \$227 million Northland solar farm

Work is set to begin on a large solar farm in Northland, after Meridian Energy confirmed the project would go ahead. The consented \$227 million Ruakaka solar farm, south ...



## The Hidden Costs of Solar and Battery Systems in New Zealand: ...

Discover the true costs of solar and battery systems in New Zealand for 2024. Explore pricing trends, key insights, and what to expect for solar and battery prices in 2025.



## Construction starts on New Zealand's 280 GWh ...

Construction on New Zealand's largest solar farm project has begun at Te Aroha in Waikato, marking a significant milestone for the country's renewable energy future and the potential of agrivoltaics.

## Major Solar Projects List - SEIA

The Major Solar Projects List is a database of all ground-mounted solar projects, 1 MW and above, that are either operating, under construction or under development. The list is for informational purposes only, reflecting ...

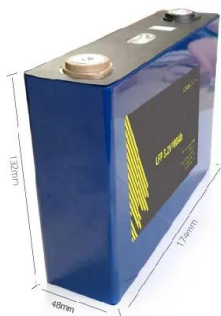


## Energy Sector in New Zealand: Reviewing 2024 and ...

A snapshot of key insights and developments in New Zealand's energy sector in 2024, as well as the trends that will shape the sector in 2025.

## Meridian Energy to begin construction on \$227m solar farm in New Zealand

Meridian has contracted renewable energy specialist Ethical Power for construction and operations, with initial generation anticipated in late 2026 and full generation ...



## Trinasolar and Lodestone Power Up Newest Agrivoltaics Solar Project ...

Trinasolar, a global smart photovoltaic (PV) and energy storage solutions provider, has partnered with Lodestone Energy to bring Te Herenga o Te Ra, one of New ...

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

The solar element of the project will comprise of 140,000 single axis tracking modules and 13 inverters across and a co-located battery energy storage system (BESS). Nick Keeler, Country Manager for Ethical Power Development New ...

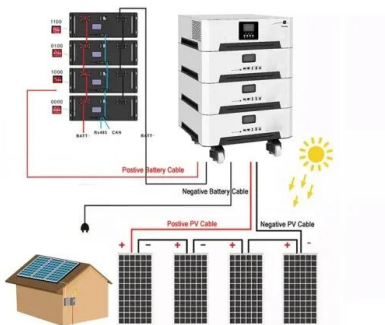


## 2025 Insider Guide: Why January is the perfect time to go solar in New Zealand

Maximise summer sunshine for greater savings - why summer is the best time for solar generation January is one of the sunniest months in New Zealand, making it the ...

## New Zealand Energy Corp. Provides Update on the Tariki ...

Since the sale of Ahuroa, gas prices in New Zealand have increased substantially, i.e. from ~NZD 6.40 (wholesale) in late 2017 to more than NZD14 per mscf in ...



## NZ Solar Market Update: February 2025 industry analysis

For New Zealand businesses, this manufacturing scale translates to more competitive pricing and improved product availability, effectively lowering barriers to solar adoption.

## SA: Renewable energy procurement on utility scale for 2025

The eight solar PV projects, totalling 1,760MW, appointed as preferred bidders under South Africa's Renewable Energy Independent Power Producers Procurement ...



## Top five solar PV plants in development in New Zealand

4. Taupo Solar Farm The Taupo Solar Farm is a 400MW Solar PV power project. It is planned in Bay of Plenty, New Zealand. The project is currently in announced stage. It will ...

## Newzealand Tenders , RFP, Bids, eProcurement , Newzealand ...

Latest Newzealand government tenders, RFP and eProcurement notices from the biggest online database of Newzealand Tenders. Users can register to get info on eTenders, EOI, GPN and ...



## Energy Storage Systems (ESS) Projects and Tenders

Content Owned by MINISTRY OF NEW AND RENEWABLE ENERGY Developed and hosted by National Informatics Centre, Ministry of Electronics & Information Technology, ...

## Industrial Solar Storage Cost 2025: Pricing Guide, ROI Analysis ...

Explore the cost breakdown, ROI analysis, and real-world applications of industrial solar energy storage solutions in 2025. Learn how HighJoule provides scalable, cost ...



## Maximizing Returns with NZ Renewable Energy Incentives - New Zealand

New Zealand Historical Society - Discusses the historical context of renewable energy development in New Zealand, including government involvement and incentives. PwC ...

## China's integrated solar power, hydrogen and energy ...

Source: Hengtong Group Hengtong Group announced today, on January 7, 2025, that this development marks the launch of "China's first" PV project aimed at ecological remediation of tidal flats. The project integrates PV ...

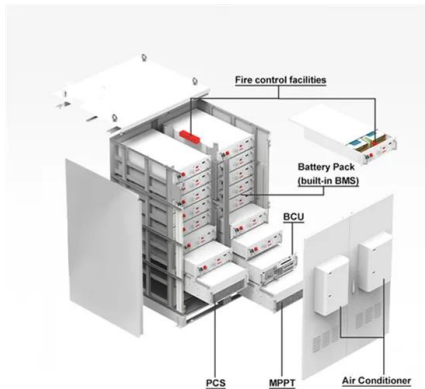


## New Zealand's 'first grid-scale battery storage project' in

Project stakeholders attend a blessing event to mark the start of construction in August 2022. Image: WEL Networks. Electric power distribution company WEL Networks and ...

## SA: Renewable energy procurement on utility scale for ...

The eight solar PV projects, totalling 1,760MW, appointed as preferred bidders under South Africa's Renewable Energy Independent Power Producers Procurement Programme (REIPPPP) Bid Window 7 may yet be ...



## Government Solar Tenders

3 ???· Get latest online government department solar tenders and Tender Corrigendum and BOQ in tender. Search all solar tenders Product and Project tender category. More then 5000 ...

## Meridian powers up New Zealand's largest grid-scale ...

The 100-MW/200 MWh Ruakaka BESS is part of a larger project that also envisages the construction of a 130-MW solar farm on New Zealand's North Island. The battery, located south of Whangarei, will be able to store ...



TAX FREE

### ENERGY STORAGE SYSTEM

**Product Model**  
 HJ-ESS-215A(100KW/215KWh)  
 HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
 1600\*1280\*2200mm  
 1600\*1200\*2000mm

**Rated Battery Capacity**  
 215KWH/115KWH

**Battery Cooling Method**  
 Air Cooled/Liquid Cooled

## Spotlight on New Zealand: Battery storage capacity expands as ...

New Zealand's electricity system remains heavily dependent on hydro generation, especially in the South Island, where facilities like Manapouri and Clyde dams dominate. ...

## Renewable energy investment opportunities in New ...

With an impressive installed solar energy capacity of 470MW and a competitive levelised cost of electricity, New Zealand's solar energy sector is growing - and the potential is huge.



## New Zealand's largest solar farm opens on ...

New Zealand's largest solar farm has officially opened on the Canterbury Plains, with a ribbon-cutting ceremony held on site at Lauriston. The \$104 million Lauriston Solar Farm, a joint project between Genesis and FRV ...

## Fast-track projects released , Beehive.govt.nz

The 149 projects released today for inclusion in the Government's one-stop-shop Fast Track Approvals Bill will help rebuild the economy and fix our housing crisis, improve energy security, and address our ...



## Top 10: Energy Storage Projects , Energy Magazine

From the UK to the UEA and USA to Australia, Energy Digital Magazine runs through 10 of the most impressive energy storage projects worldwide Energy storage plays a pivotal role in the energy transition and is ...

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