

On grid solar storage project financing options in Australia 2025



Overview

This guide, based on Clean Energy Council (CEC) data and industry insights, explores how to finance your solar system in Australia, from loans to leasing, with tips to optimize your rebates. A 6.6kW system generates ~9,000 kWh/year, saving \$1,800 at \$0.20/kWh in cities like Melbourne or Brisbane. Did Australia invest in energy storage projects in Q1 2025?

Australia's remarkable run of investment commitments to energy storage projects continued in Q1 2025. Six storage projects representing 1,510 MW (capacity) / 5,016 MWh (energy output) reached financial close – the second-highest quarterly result for newly financially committed storage projects.

How many Australian solar systems have a battery?

About 4.6% of Australia's 4 million solar installations now include a battery. Moreover, 23% of new solar systems in 2024 came with a battery, up from just 7% the previous year. This trend reflects a growing belief in the benefits of pairing solar with storage—lower energy bills and better energy independence.

Where can I find a finance solution for battery storage in Australia?

Whether you're in Sydney, Perth, Melbourne or regional Australia, there's a finance solution that can work for your budget. At Solar Power Nation, we've helped thousands of Australians access the benefits of battery storage with smart, tailored finance.

How many storage projects are there in Australia?

There are also 69 committed storage projects (either standalone or hybrid projects) currently in this pipeline, equivalent to 12,532 MW / 32,078 MWh in capacity / energy output. Read the latest updates from the Clean Energy Council and across the industry. When it comes to Australia's energy future, communities have legitimate questions.

Will SMA be the largest NEM-connected solar & battery hybrid project in

Australia?

“It will be the largest NEM-connected solar & battery hybrid project in Australia, and its successful development thus far clearly demonstrates how SMA’s grid-forming technology can be scaled to meet the NEM’s needs.

How can I save money on a rooftop solar system?

There are government subsidies, rebates and loan options that can help you pay for rooftop solar or an associated battery for your home or business. You can save money on a rooftop solar system for your home or business through a range of government assistance schemes.

On grid solar storage project financing options in Australia 2025



- ✓ 50KW/100KWH
- ✓ HIGHER POWER OUTPUT IN OFF-GRID MODE
- ✓ CONVENIENT OPERATION & MAINTENANCE
- ✓ PRE-WIRED

Solar & Storage Finance USA 2025 Exhibitors List & Attendees List

Looking to connect with verified exhibitors or attendees at Solar & Storage Finance USA 2025? As the premier U.S. event for renewable energy investment, financing, and project ...

Biggest solar battery hybrid project with grid forming inverters in

Connection approval given to the biggest solar battery hybrid with grid forming inverters so far on Australia's main grid.



Quinbrook lands new finance for 3 GWh Queensland battery

The first stage of the Supernode battery energy storage project is expected to be delivered in 2025. Quinbrook said, when operational, the Supernode battery will enable the ...



Finance Solar System Australia 2025 , Aussie Solar Hub

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data and industry insights, explores how to finance your solar system in Australia, from loans to leasing, with tips to ...



[Energy Outlook 2025: Energy Storage](#)

Energy storage is rapidly emerging as a vital component of the global energy landscape, driven by the increasing integration of renewable energy sources and the need for grid stability. As the world transitions towards cleaner ...



ARENA's Role in Driving Australia's Energy Storage ...

Section 1: Large-Scale Battery Storage Initiatives
The Australian Renewable Energy Agency (ARENA) plays a pivotal role in advancing large-scale battery storage projects across the country, addressing the growing need for ...



Energy storage(KWh)

102.4kWh

Nominal voltage(Vdc)

512V

Outdoor All-in-one ESS cabinet



Elaine Hybrid Solar and Storage Project Secures Grid-Forming ...

The Elaine project will connect to the grid via a new 220 kV line to the adjacent terminal station. Construction is set to begin in 2026, with commercial operations expected in ...

Australian Renewable Energy Market Update - July ...

The Australian Federal Government has announced a 25% expansion of its flagship Capacity Investment Scheme (CIS), raising the capacity underwriting target from 32GW to 40GW by 2030. The additional 8GW ...



The Landmark Maryvale Solar and Energy Storage Project gets ...

This week in New South Wales, a new clean-energy landmark took shape. The Maryvale Solar & Energy Storage Project officially broke ground in the Central-West Orana ...

Australia Sets Record in Clean Energy Investment ...

Australia's clean energy sector hit a significant milestone in Q1 2025. It saw a surge in investments and rapid growth in Battery Energy Storage Systems (BESS). With AUD 3.6 billion in funding--a 56% increase from last ...



Sungrow connects Australia's largest DC solar-storage project to the grid

The Cunderdin solar-storage project, DC-coupled, strengthens the SWIS grid in Western Australia through Sungrow's technological expertise.



Sungrow plays a key role in Australia's Largest Operational DC ...

As part of the South West Interconnected System (SWIS)--Western Australia's primary electricity network--the project plays a critical role in enhancing grid stability and ...



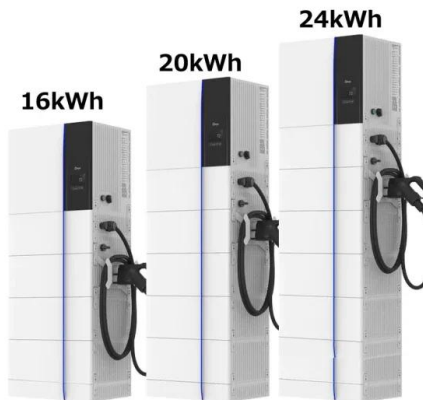
Australia's Largest 1.35 GW Hybrid Solar and Storage ...

By enabling large-scale, grid-forming storage projects like Eurimbula, SMA Australia and Elements Green are helping to shape a resilient, reliable, and renewable energy system--ready to power Australia's future.

FRV Australia reaches financial close on 500MWh grid-forming ...

FRV Australia has reached financial close on the 250MW/500MWh Gnarwarre battery energy storage system (BESS) in Victoria.





State of the Solar Industry in Australia - 2025 Industry Report

Executive Summary In 2025, Australia's solar energy sector continues to be a global leader, driven by strong government policies, significant investments, and widespread adoption of ...

AMPYR Secures Financing for 300 MW Wellington ...

According to Mercom's Q1 2025 Funding and M&A Report for Energy Storage and Smart Grid, announced Energy Storage project funding increased 142% year-over-year in 2025.



Best Financing Options for Solar & Battery Storage in 2025

Financing allows homeowners to spread the cost of going solar over many years. What's are the best options for financing solar in 2025?



Financing a Solar Battery in 2025: Your Complete Guide

At Solar Power Nation, we've helped thousands of Australians access the benefits of battery storage with smart, tailored finance. Here's how you can do the same.



Elements Green lands connection approval for hybrid project

Renewables developer Elements Green says the start of construction for what it describes as Australia's largest hybrid solar and storage project to date is now within reach ...



2025 Energy Outlook: Trends in Solar, Wind, Storage ...

Explore what 2025 holds for clean energy--from solar and wind growth to storage innovations and grid modernization. Key insights from FFI Solutions.



Australia advances 53 GW of renewables through grid process

Australia's energy transition is gaining "real measurable momentum" with the market operator reporting a record wave of new solar, wind, and energy storage projects are ...



Grid connection to Eurimbula solar farm and battery in ...

The Eurimbula Solar Farm and battery energy storage system (BESS) has been granted connection approval to connect to Australia's National Electricity Market (NEM). The project comprises 696MW of solar photovoltaic ...



BNEF: Australian utility appetite for big batteries rising

A list of battery projects owned or operated by Australian electricity retailers. Image: BloombergNEF The "2025 Australia Energy Storage Update" report forecasts utility-scale BESS deployment of 2.3 GW, in ...

Acen Australia sells 100MWh hybrid solar PV and ...

This must be accepted before being granted permission to develop a project. These articles first appeared in full on our sister site, PV Tech as the items 'FRV Australia acquires 190MW hybrid solar PV and energy ...



Australia Sets Record in Clean Energy Investment ...

The Clean Energy Council's Q1 2025 report revealed that six major BESS projects secured funding, totaling AUD 2.4 billion and adding 1,510 MW (1.5 GW) of new storage capacity.



Amp Energy achieves Financial Close on its Bungama ...

Adelaide, Australia - Amp Energy ('Amp'), a global energy transition platform backed by the Carlyle Group, has successfully closed project financing to construct the first stage of its 250 MW / 500 MWh Bungama ...



Project Financing in Renewable Energy: A Complete ...

After debt payments have been made, other investors (like equity investors) will be paid. In general, project's assets are used as collateral to the loan. This type of financing is common in renewable energy projects because building solar, ...

Sungrow connects Australia's largest DC solar ...

The Cunderdin solar-storage project, DC-coupled, strengthens the SWIS grid in Western Australia through Sungrow's technological expertise.





Grid-scale solar PV output increases 10% YoY in ...

AEMO has found that grid-scale solar PV generation achieved an all-time high in Q1 2025, reaching 2,386MW, a 10% year-on-year (YoY) increase.

PNG opens tender for solar-plus-storage minigrid

The United Nations Office for Projects Services has kicked off a tender for the development and construction of a solar and battery storage minigrid in Papua New Guinea. ...



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