

Australian behind-the-meter energy storage products



Overview

Australia's clean energy transition has reached an important milestone. Five ARENA-funded large-scale battery storage system (BESS) projects, equipped with grid-forming (GFM) inverters, are now connected to the National Energy Market (NEM), with three more expected online within . A BESS is a flexible and scalable energy storage solution used in residential, commercial, and utility-scale projects. Unlike simple home batteries, BESS includes a combination of:

Residential & Commercial Installations: For solar smoothing and peak load reduction. 5 Billion in 2024 and is forecasted to grow at a CAGR of 15. The Australia Behind-the-Meter (BTM) Energy Storage Inverter Market is witnessing accelerated growth . For commercial buildings, industrial facilities, strata developments and embedded networks, behind the meter solar and storage has moved from a forward-thinking option to an operational priority. Rising electricity costs, tighter network conditions and growing pressure to keep operations running . This is the fifth edition of the Clean Energy Council's (CEC) half-yearly report monitoring the progress of the deployment of rooftop solar and behind-the-meter energy storage systems in Australia. The rooftop solar and battery installation data featured in this report is sourced from our data . More than 1. 2 GWh of new behind-the-meter energy storage capacity was installed across Australia in December 2025 as households and businesses sought to take advantage of the federal government's revised AUD 7.

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[Australia's Grid-Forming Battery Revolution: From Pilot Projects to](#)

Australia's clean energy transition has reached an important milestone. Five ARENA-funded large-scale battery storage system (BESS) projects, equipped with grid-forming (GFM)

Behind-the-Meter (BTM) Power Station.

The only equipment you need to Purchase is a Hybrid Inverter, Solar Panels, Energy Storage, and a small Generator for Back-up Proofing a premiss, then you will have very little need for the State Grid.



[Australia Behind-the-Meter Energy Storage Inverter Market Outlook](#)

The Australia Behind-the-Meter (BTM) Energy Storage Inverter Market is witnessing accelerated growth due to the rising adoption of distributed energy systems, particularly solar PV and

Rooftop solar and storage report

This is the fifth edition of the Clean Energy Council's (CEC) half-yearly report monitoring the progress of the deployment of rooftop solar and behind-the-meter energy storage systems in Australia.





[Behind The Meter Solar and Storage: The New Standard for Energy](#)

SATEC provides NMI-approved energy meters and the Expertpower platform specifically suited to behind the meter solar and storage applications across Australian commercial and industrial sites.

Data reveals dominant players in Australian battery market

New data from solar and storage market analyst SunWiz reveals that Chinese brands dominate Australia's behind-the-meter battery energy storage market, claiming three of the top five



[As household solar and batteries grow in Australia, a new market is](#)

Household clean tech set-ups like solar and batteries can mean huge savings. But what's sitting behind the meter may become the most valuable asset as a new energy market emerges.

[Wanted: 150,000 home energy devices for Australia's largest behind](#)

Household hot water units, rooftop solar and battery energy storage systems, EV chargers and pool pumps will be enlisted to create Australia's largest platform of VPP ready home energy devices,



[Australia's Solar Battery Revolution: What EPCs Must Know About](#)

Understand the key terms shaping Australia's solar energy future-Home Battery, BESS, VPP,

and Behind-the-Meter. A must-read for solar EPCs integrating smart storage solutions.

[Australia adds 1.2 GWh of behind-the-meter battery storage in December](#)

The latest figures from energy industry data analyst SunWiz show that Australia registered 1,203 MWh of behind-the-meter battery energy storage capacity through the Small-scale



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