

# Australian behind-the-meter energy storage products



## Overview

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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](#)

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### **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**

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## [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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