



Australia's daily solar power generation

In this guide, we'll break down average daily solar output across Australia: By system size, region, and season, while showing you how to estimate, monitor, and boost your own production.

This release includes household solar electricity generation in the Australian National Accounts (ANA) for the first time. Our new approach provides a more complete picture of the role of ...

A number of states have set up schemes to encourage the uptake of solar PV power generation involving households installing solar panels and selling excess electricity to electricity retailers to put ...

Overview Incentives Installations by type Potential Supply chain Renewable energy targets Projects See also Several incentive programs started in 2008. The Solar Homes and Communities Plan was a rebate provided by the Australian Government of up to A\$8,000 for installing solar panels. Schools were eligible to apply for grants of up to A\$50,000 to install 2 kW solar panels. Over its four years, 2,870 schools installed solar panels. The Australian Government has financial incentives for installing solar systems in the form of Small-Scale Technology Certificates

Small scale solar electricity generation information is based on live data sourced from the Australian PV Institute (APVI) solar map application.

The transition to Australia's colder seasons, which often see less sunlight, is reflected in the daily solar generation statistics. 1 May saw the strongest combined solar generation...

The latest edition in our NEM Data Spotlight series delves into solar PV data from January 2026 and how it hit a daily peak of 222GWh.

Data compiled by OpenNEM from AEMO and APVI shows that, since September, Australia also saw a new combined wind and solar record, generating 40% of its electricity. Rooftop ...

Australia's rooftop solar fleet continues to expand with a combined 28.3 GW of generation capacity commissioned by the end of 2025 with approximately 4.3 million installations across the ...

In 2024, 36% of Australia's total electricity generation was from renewable energy sources, including solar (18%), wind (12%) and hydro (5%). The share of renewables in total electricity generation in ...

Daily consumed and imported energy are found to be increasing at a greater rate than indicated by one existing source. These results may be useful for understanding electricity demand ...

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