



Australian Solar Power Generation Report

On-grid renewable generation increased 5 per cent, accounting for 37 per cent of Australia's on-grid electricity generation. Solar on-grid generation grew 17 per cent in the 2023-24 year and now ...

Solar PV generation dipped by almost 17% month-on-month in the NEM. Image: European Energy. In May 2025, utility-scale and rooftop solar PV dipped by 579GWh month-on-month in ...

IN AUSTRALIA The penetration of Australian rooftop photovoltaics (PV) in the energy market continues to grow and contributed roughly 15 per cent (approximately 8,172 GWh) of the National Electricity ...

Note that we have used utility-scale solar as a share of generation as solar generators and others compete to supply and balance the operational demand and exports, while household solar PV does ...

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 ...

Our bi-annual Rooftop solar and storage report, January to June 2025 shows that Australian consumers and small businesses continue to take advantage of Australia's abundant solar resources with ...

In 2023, Australia continued to deploy renewables at a rapid pace. It was the 6th year in a row of more than 5 gigawatts (GW) of total capacity being added. The total renewable capacity ...

Overview
Incentives
Installations by type
Potential
Supply chain
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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

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 ...

Expert industry market research on the Solar Electricity Generation in Australia (2015-2030). Make better business decisions, faster with IBISWorld's industry market research reports, statistics, ...



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