

The Renewable Energy Target (RET) is an Australian Government scheme that aims to reduce greenhouse gas emissions in the electricity sector and increase renewable electricity generation. The RET sets a target to deliver an extra 33,000 gigawatt-hours (GWh) of electricity from renewable sources every year from 2020 to 2030.

News. Date. 21 December 2023. Classification. Hydrogen energy. On behalf of the Australian Government, the Australian Renewable Energy Agency (ARENA) has today announced that six applicants have been shortlisted and invited to submit a full application in the next stage of the \$2 billion Hydrogen Headstart Program.

The Australian Energy Market Operator (AEMO) has released a 25-year roadmap to transition the National Electricity Market (NEM) to net zero by 2050. ... (ISP) confirms that renewable energy connected with transmission and distribution, firmed with storage and backed up by gas-powered generation, is the lowest-cost way to supply electricity to ...

The Australian Energy Statistics is the authoritative and official source of energy statistics for Australia to support decision making and help understand how our energy supply and use is changing. This edition contains the latest data for 2022-23. ... Australian renewable energy consumption, energy units (XLSX 43 KB) ... 40 KB) Australian ...

Up to 2027, the IEA forecasts Australia's renewable energy capacity to expand by 85% to reach 40 gigawatts (GW), thanks to the introduction of ambitious targets and increased clean energy funding at federal and state levels, PPAs, and ...

Australia is taking positive steps to increase its climate and clean energy ambitions. The International Energy Agency has reviewed Australia's progress and recommends that it continues to strengthen its policies and long-term plans to ensure it meets its targets.

The report gives a comprehensive snapshot of the Australian clean energy sector, its progress and achievements. With a fantastic set of results for rooftop solar and record-breaking figures for investment in utility scale storage, 2023 was ...

ARENA is the Australian Renewable Energy Agency. We were established by the Australian Government on 1 July 2012. We support the global transition to net zero emissions by accelerating the pace of pre-commercial innovation, to the benefit of Australian consumers, businesses and workers.

News. Date. 10 October 2023. Classification. Hydrogen energy. On behalf of the Australian Government, the

Australian Renewable Energy Agency (ARENA) has today opened applications for the \$2 billion Hydrogen Headstart program. Announced in the 2023-24 budget, the program aims to catalyse Australia's hydrogen industry to take advantage of ...

The new Integrated System Plan (ISP) from the Australian Energy Market Operator (AEMO) is a comprehensive roadmap for the National Electricity Market (NEM). The report shows that Australia's transition to net zero by 2050 is accelerating more quickly than expected.

With 4 MPPTs and expandable storage, they future-proof Australian homes, ensuring maximum energy efficiency and reliability. ... Subscribe today to keep up to date with all things renewable, get the latest news, and receive fantastic deals. First Name Last Name Email Submit. 1800 362 883; info@energymatters ...

Positioned to make a significant contribution to Australia and the wider Asia Pacific region's energy transition. Situated on a 6,500-square kilometre site in the Pilbara region of Western Australia, AREH is in a highly advantaged position with access to abundant solar and wind resources with consistent output.

Key statistics from the Clean Energy Australia 2024 report:. Renewables account for 39.4 per cent of Australia's total electricity supply. 5.9 GW of new renewable generation capacity added in 2023. 2.8 GW of new large-scale renewable generation capacity completed construction and was added to the grid.

Renewable energy accounted for 35.9 per cent of Australia's total electricity generation in 2022, up from 32.5 per cent in 2021. Australia has more than doubled the amount of renewable energy since 2017 when renewable energy accounted for just 16.9 per cent of generation. "There's significant cause for optimism at a time when ageing fossil fuel-based ...

Australia's energy system faces a big transformation in the coming years. By 2030, the Australian Energy Market Operator (AEMO) predicts solar and wind capacity in the national grid will triple. Rooftop solar capacity is expected to double. Storage capacity is also set to increase by a factor of six.. That's why Australia needs a well-rounded strategy to integrate ...

Up to 2027, the IEA forecasts Australia's renewable energy capacity to expand by 85% to reach 40 gigawatts (GW), thanks to the introduction of ambitious targets and increased clean energy funding at federal and state levels, PPAs, and new projects announced in ...

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