

Renewable energy is produced using natural resources that are abundant and able to be constantly renewed, including the sun, wind, water and trees. Australia has a wealth of renewable energy resources and many leading businesses are taking the initiative to invest in renewable energy generation.

We fund projects that can help accelerate renewable energy in Australia. Explore Projects. Our projects span from early stage research in the lab, to demonstration projects in the field. Gain Knowledge. Our Knowledge ...

Australia, 29 January 2024 - EDP Renewables (EDPR), a global leader in renewables, has expanded its Asia Pacific presence into Australia to tap into the country's substantial growth prospects in renewable energy. To fully enact its strategy and commitment to the market, the company has acquired local renewables player, ITP Development (ITPD).

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) Table S: Australian ...

Powering Australia to deliver a cleaner energy future. The Australian Government is committed to building a cleaner energy future for Australia. Its Powering Australia plan is focused on projects that reduce ...

Greater energy efficiency efforts in transport and residential buildings can help bring forward Australia's peak in emissions and mitigate rising energy bills. The IEA review estimates that a 60% productivity improvement ...

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 ...

The Clean Energy Regulator's (CER) second Quarterly Carbon Market Report (QCMR) for 2023 shows continued strong growth in consumer-led small-scale renewables but it was a quiet first half of the year for new large-scale investment commitments. Households and businesses continue to invest in energy efficiency technology. Rooftop solar is tracking to add ...

Powering Australia to deliver a cleaner energy future. The Australian Government is committed to building a cleaner energy future for Australia. Its Powering Australia plan is focused on projects that reduce emissions by boosting renewable energy. This creates significant opportunities for investment across Australian renewables and the country ...

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.

16 Power Stations and 5,500MW total generation 1.1 million customers One-third of renewable energy to the National Electricity Market Our award-winning retailers provide affordable electricity and gas, backed by the mighty Snowy. Our Generation Business Snowy Hydro has been generating on-demand, reliable energy for almost 70 years. Today we have 16 power stations ...

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Wind energy in Australia. This energy type is one of Australia's main sources of renewable energy, generating enough electricity to meet 7.1 per cent of the nation's total electricity demand. At the end of 2018, there were 94 wind farms in Australia, delivering nearly 16 GW of wind generation capacity.

Aston University-based Supergen Bioenergy Hub is to receive £5 million to continue its exploration of the use of renewable energy. The hub is one of three across the UK which contribute to the government's engineering net zero priority to ensure the country benefits from clean energy research and innovation.

By working together and aligning their renewable energy policies with the target, Commonwealth and state governments can get Australia's renewable energy investment back on track, providing us ...

Grid wide - continual rise of rooftop solar. Solar power in Australia is the country's leading source of renewable electricity. Green Energy Markets forecasts that rooftop solar capacity in particular is expected to grow to a projected capacity of between 66GW and 98.5GW by 2054, from current levels of 34.2GW (as of 31 December 2023).

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