

This worldwide acceleration in 2023 was driven mainly by year-on-year expansion in the People's Republic of China's (hereafter "China") booming market for solar PV (+116%) and wind (+66%). Renewable power capacity additions will ...

Offshore wind was the cheapest and most significant technology, with 7.0GW of new capacity winning contracts at a record-low price of €37/MWh in 2012 prices (€44/MWh in current money). Some 2.2GW of new solar ...

In 2023, the global weighted average levelised cost of electricity (LCOE) from newly commissioned utility-scale solar photovoltaic (PV), onshore wind, offshore wind and hydropower fell. Between 2022 and 2023, utility-scale solar PV ...

High average wind speeds make wind a useful generation resource in New Zealand. Currently, just over 6% of New Zealand's electricity is generated from wind turbines. ... This is in-line with global trends as the costs of wind power ...

Price €87.16/MWh Emissions 138g/kWh. Demand 35.5GW Generation 32.0GW Transfers 3.5GW. Generation. 32.0 GW. ... renewable power generation was steadily rising. Great Britain's exposed position in the north-east Atlantic ...

A recent report by Rickard Sandberg, Head of the Center for Data Analytics, investigates the effects of wind and temperature on electricity prices across Sweden, revealing ...

The Wind Energy Technologies Office (WETO) works with industry partners to increase the performance and reliability of next-generation wind technologies while lowering the cost of wind energy. The office's research efforts have ...

