

What is the proportion of solar power generation in the UK

The share of UK electricity generation from renewable technologies reached a new record high of 50.4 per cent in 2024, up from 46.5 per cent last year. Generation from wind reached a record high,...

The report also shows that the percentage of electricity generated UK-wide by renewables in April to June (Q2) this year hit a new quarterly record of 54.5%, up from 51.7% in Q2 2024. Offshore wind ...

Over the course of the year, solar panels generated more than 18TWh - over 6% of British electricity. While that is still a relatively small share, it marks a growth of more than 4TWh versus 2024.

Solar power currently produces 25% of the UK's renewable energy, which itself accounts for 43% of total energy, which means that approximately 11% of the nation's power comes from solar.

The UK generated 14.43 billion kWh of solar electricity in 2025, enough to power over 5 million homes. Solar panel installations in the UK hit 1.73 million in 2025, a 6.8% rise from the previous year. ...

Solar energy accounted for some 5.5 percent of electricity generation in the United Kingdom in 2024, up from a 4.8 percent share a year earlier.

In 2023, solar power accounted for 2.3% of the UK's total energy production. While solar power accounted for a lower percentage (1.5%) in 2025, this was due to increased energy demands and a greater ...

Solar power has a growing role in electricity production in the United Kingdom, contributing around 6.4% of the UK's annual power generation in 2025. [1][2] As of 2025, on sunny days, it provides over 30% of the UK's ...

In total, solar accounted for 11.6% of UK electricity generation in May 2025, only the fourth time it has ever breached the 10% threshold, after June 2023, June 2024 and April 2025. (Solar topped 10% of ...

Solar accounted for 11.6 percent of the UK's electricity generation in May, just the fourth time the 10 percent threshold has been breached. So far, this year's solar electricity output in the UK has avoided ...



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