

Proportion of solar power generation in the UK



Overview

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. [3]. Top-left: solar panels on the BedZED development in the London Borough of Sutton. Bottom: residential rooftop solar PV in Wetherby, Leeds. Get notified via email when this statistic is updated. 8% of the UK's electricity in 2024 – the first year in which renewables have exceeded 50%, and a substantial increase on the previous high of 46.

Proportion of solar power generation in the UK



GB Fuel type power generation production as percentages

There is no central recording of Solar Generation. This figure is an estimated figure which comes from Sheffield University. This value is now included in the Demand figure. This is the power from Wind Farms and does not ...

British solar power surges past 2024 total

Solar power generation in Britain so far this year has surpassed the total for 2024 as panels are rapidly installed amid favourable weather, underlining renewable energy's increasing


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Solar Powers 10 Percent of UK Electricity

Solar power has reached a historic milestone, supplying over 10% of the UK's electricity for two consecutive months. Discover how sunny weather and growth fueled this achievement!

Solar energy penetration UK 2024, Statista

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.



Solar power in the United Kingdom

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 ...

Official stats show renewables generated over half UK's electricity for

Solar provided 5.2% (14.8TWh) and nuclear 14.25% (40.6TWh) of the UK's electricity in 2024. Low carbon sources (renewables and nuclear) generated a record 65% (185.2TWh), while fossil fuels fell to ...



Record year for wind and solar electricity in Great ...



But the most notable change was solar power. Over the course of the year, solar panels generated more than 18TWh - over 6% of British electricity.

Analysis: UK's solar power surges 42% after sunniest spring on record

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 ...



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Solar Power in UK Surges 42% With Sunniest Spring on Record

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 ...

Solar Panel Statistics, Facts,

and Trends of 2026

Renewables now provide 37% of the UK's electricity, surpassing fossil fuels for the first time. Solar panel costs have dropped by 90% globally, making solar more affordable than ever. Major challenges ...



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