

Solar panel electricity generation in the UK

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...

Find the most up-to-date statistics about solar photovoltaic energy in the United Kingdom (UK)

Discover how much electricity solar panels produce in the UK, from daily output to yearly savings. Learn key factors that affect solar performance

The UK's solar farms and rooftops generated more electricity than ever before in the first five months of 2025, as the country enjoyed its sunniest spring on record.

Data from the National Energy System Operator shows that solar sites in the UK generated 7.6 terawatt hours (TWh) of electricity in the first five months of 2025. That's 42 percent ...

Solar deployment hit 18 GW in the United Kingdom at the end of February 2025, according to the latest DESNZ figures. This represented a 1.1 GW increase in deployed capacity ...

The table above shows electricity production from solar panels as a percentage of the final consumption of electricity in the UK and not gross supply to the grid.

In this post there are 20 solar energy statistics from the UK market, including data on the current and proposed capacity for residential, commercial, and national installations.

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...

In the UK, the annual electricity generation from a PV array is highest if it faces due south with an inclination of 35 degrees. Figure 3 shows the percentage of the maximum yield that a solar array ...



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