



UK solar power peak

When did the UK get the most solar power?

The highest UK solar output on record was reached at 13:00 on 6 April, when the technology was delivering 13.2GW of power and meeting 40% of demand for that half-hour period. The UK saw 653 hours of sunshine in the period from 1 March to 31 May 2025, making it the sunniest spring since records began in 1910, according to the Met Office.

Is 2025 the UK's strongest year for solar power?

So far, 2025 is the UK's strongest year for solar on record. Solar power in Great Britain had a record-breaking start to 2025, with solar up 32%, to produce a record 9.91 TWh, breaking generation records for five months in a row since March 2025.

How much solar power does the UK produce a month?

The amount of electricity generated from solar also hit a new high of 2.5TWh in May 2025, beating April 2025's 2.3TWh into second place. The previous record of 2.1TWh was set in June 2024. The figure below shows the average monthly output of the UK's solar capacity, in MW.

How much solar power does Great Britain have in 2025?

Solar power in Great Britain had a record-breaking start to 2025, with solar up 32%, to produce a record 9.91 TWh, breaking generation records for five months in a row since March 2025. A further record was broken on the 8th of July with the highest ever level of solar power on the grid at 14 GW. This level is repeatedly being raised.

Discover how UK solar output broke records in 2025, driving clean energy growth and reshaping the National Grid's electricity mix. Explore key stats, impacts, and strategies for businesses and ...

Solar generation has broken records consistently since the beginning of the year, with monthly peaks being surpassed for the last five consecutive months starting in March. On 8 July, the ...

UK solar generation hit a new record peak of 14 GW at 1230 local time on July 8, supplying 39% of British demand at the time, Solar Energy UK said, citing the University of Sheffield ...

British and French solar generation hit new records Solar Energy UK 10 July 2025 UK solar generation records have continued to tumble this year, with a new record being set this week. ...

The United Kingdom has recently witnessed a remarkable surge in solar power generation, attributed to an unprecedented period of sunshine. On April 1, 2025, the nation achieved ...

Peak instantaneous outputs reached an impressive 14 GW on July 8, highlighting the potential for solar energy to meet increasing demand during peak periods. This trend not only ...

Renewables accounted for majority of annual UK electricity generation for the first time in 2024, with solar



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enjoying record highs despite fewer sun hours Gains for PV reflect increased ...

Record solar power balanced low wind generation in the first half of the year, limiting an initial increase in gas power. Clean power generation in the early summer of 2025 displaced gas ...

UK solar power hits a record 14 GW, supplying 39% of electricity, as solar capacity surges. France follows with 19.5 GW, driving energy prices below zero.

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. The figures, revealed in ...

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