

**PIENAAR ENERGY (PTY) LTD**

# **Does the UK have a high share of solar power generation**



## Overview

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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] Solar generation reached an all-time high of. Renewables accounted for majority of annual UK electricity generation for the first time in 2024, with solar enjoying record highs despite fewer sun hours Gains for PV reflect increased deployed capacity, which hit 18 GW in February 2025 according to the latest government figures. The UK also just had its sunniest spring since record keeping began in 1910, the Met Office. Solar energy accounted for some 5.8 percent share a year earlier. 2 gigawatts of solar PV installed as of end of 2023. Get notified via email when this statistic is updated.

## Does the UK have a high share of solar power generation

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### A record year for British solar

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 ...

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### Record year for UK solar as renewables generate most ...

More than half of UK electricity generation came from renewables in 2024, a first for annual production in a year which saw solar output hit record highs.

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

Solar farms and rooftops in the United Kingdom generated a record 42 percent more electricity from January through May 2025 than during the same period in 2024, according to a new ...

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## 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 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.

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## 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 ...

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## UK solar capacity grows 1GW year on year

As of the end of September 2023 (Q3 2024), at least 45% of UK solar capacity,



totalling 7.71GW, came from ground-mounted or standalone solar installations, including two operational ...

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## Record year for wind and solar electricity in Great Britain in 2025

But solar-powered electricity rose by nearly a third on 2024 levels, helped by the UK's sunniest year on record and the expansion of solar panels around the country.

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## GB Sets New Solar Generation Record -- Prop Sustainable

According to data from the Sheffield Solar live PV tracker, total solar photovoltaic (PV) output for the day reached 87.6GWh, providing a significant share of the UK's electricity needs from ...

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## 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% ...

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