

# Uk solar capacity 2025

## Product Details





## Overview

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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 new Carbon Brief analysis, show that the nation's solar sites have generated a record 7.6 terawatt hours.

The latest data from the Department for Energy Security and Net Zero (DESNZ) has revealed that both domestic and non-domestic solar installations are continuing to rise in the UK. As of the end of April 2025, the UK has a total of 18.1GW of solar capacity across 1,780,000 installations; this marks.

The UK has reached a new milestone in solar energy, with 18 GW of capacity as of February 2025. This marks a significant 2 GW increase since August 2024, highlighting the rapid growth of solar energy in the country. The UK solar market has received a major boost with the announcement of 18 GW of.

PVTIME - The UK's cumulative installed PV capacity is approaching 18GW at the end of January 2025, according to the latest data from the UK government's Department of Energy Security and Net Zero (DESNZ). As of January 2025, there was 69MW of new PV installed in the UK. Although this is down from.

Monthly deployment of solar photovoltaic capacity in the United Kingdom. Is this page useful?

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More than 1.5m homes across our country now have solar installed, and since this Government came to office my department has consented almost 3GW of nationally significant solar projects – nearly three times as much as the previous 14 years combined. But we know we need to go further to deliver our. How many MW of solar capacity came online in April 2025?

During April 2025, 82MW of solar capacity came online. Image: Ethical Power. The latest data from the Department for Energy Security and Net Zero (DESNZ) has revealed that both domestic and non-domestic solar installations are continuing to rise in the UK.

How much solar will the UK add in 2025?

Additionally, according to Solar Media Market Research, the UK is expected to add between 3GW and 3.5GW of new solar capacity in 2025. Around 20% of the 2.3GW of solar deployed across 2024 came from residential rooftop installations, with commercial rooftop installations contributing another 20%.

How much electricity did UK solar farms generate in 2025?

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 new Carbon Brief analysis, show that the nation's solar sites have generated a record 7.6 terawatt hours (TWh) of electricity during January to May 2025.

How much solar power does the UK have?

After stagnating at around 12-14GW for several years after the then-Conservative government's decision to end subsidies for solar in 2015, the UK's installed capacity has since leapt to 20.2GW as of the end of 2024.

How many solar installations are there in the UK?

While the vast majority of solar PV installations by volume are domestic, making up 1,537,058 (86%) of the nation's total solar installations, these installations only make up around 31% of the total MW capacity of UK solar. In April 2025, 68% of new solar PV was installed on a residential building, adding 59MW of capacity.

Are solar installations rising in the UK?

The latest data from the Department for Energy Security and Net Zero



(DESNZ) has revealed that both domestic and non-domestic solar installations are continuing to rise in the UK. As of the end of April 2025, the UK has a total of 18.1GW of solar capacity across 1,780,000 installations; this marks an increase of 5.9% (1GW) since April 2025.



## Uk solar capacity 2025



### [Top 19 solar energy statistics \[UK & worldwide, 2025\]](#)

The UK has an installed solar capacity of 19 gigawatts (GW), as of July 2025, according to government data. If we measure that figure in 4.5kWp solar installations, it's the equivalent of 4.2 million systems. That's a more than ...

### 18GW! UK's installed PV capacity increased by end of Jan 2025

3 ???· PVTIME - The UK's cumulative installed PV capacity is approaching 18GW at the end of January 2025, according to the latest data from the UK government's Department of Energy ...



### [UK solar deployment Reaches 18 GW: Stunning ...](#)

The UK has reached a new milestone in solar energy, with 18 GW of capacity as of February 2025. This marks a significant 2 GW increase since August 2024, highlighting the rapid growth of solar energy in the country.

### Meeting UK's solar targets will be a 'massive stimulus' ...

Solar Energy UK 2 April 2025 Solar power and battery storage is powering up the UK's economy. The sectors are expected to almost



triple their annual contribution to £5.1bn by 2035, while employing well over 40,000 people, says a new ...



### [UK solar and energy storage market report 2025](#)

UK solar and energy storage market report 2025  
Introduction The UK's solar energy and battery storage sector is undergoing a rapid transformation, bolstered by ambitious climate targets and supportive policies. ...



### [Global Outlook for Solar Power 2025-2029](#)

SolarPower Europe launches Global Market Outlook for Solar Power 2025-2029 SolarPower Europe has launched its annual report for Global Market Outlook for Solar Power 2025-2029. The report highlights the rapid ...



### **UK solar ambitions 2025-2035: What are the plans for large-scale solar**

The UK aims to install 45-47GW of solar PV capacity by 2030 under its Clean Power 2030 Action Plan, with potential to exceed this target, according to Solar Energy UK. The latest data from ...



### [18GW! UK's installed PV capacity increased by end of ...](#)

3 ???· PVTIME - The UK's cumulative installed PV capacity is approaching 18GW at the end of January 2025, according to the latest data from the UK government's Department of Energy Security and Net Zero (DESNZ). As of ...



### [A sunny outlook for Britain's solar power , Q3 2023 ...](#)

Growth of solar power capacity in the UK since 2010, with projections from Rystad to 2025. Currently, the sunniest summer weekends now see net demand in the afternoon fall to the minimums in the small of the night. But we are just now at ...



### [The UK's Solar Capacity Explained \(August 2025\)](#)

Insights & Projections of UK Solar Power Growth Astonishingly, the solar capacity in the UK had increased from 5,488.6 MW in 2014 to 13,259 MW in June 2019. On top of that, the UK's maximum net generating solar ...



### [Solar Power in UK Surges 42% With Sunniest Spring ...](#)

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 more than the 5.41 TWh generated last ...



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