

Title: GW-scale solar power plants in the UK

Generated on: 2026-06-16 17:11:50

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UK solar PV installed capacity at the end of 2017 was 12.8 GW, representing a 3.4% share of total electricity generation. [15] Provisionally, as of the end of January 2019 there was 13,123 MW installed ...

Approximately 58% of the UK's installed solar base consists of large-scale sites, including 8.2 GW accredited under the Renewables Obligation (RO), feed-in tariff, and Contracts for ...

The United Kingdom has broken the 20 GW barrier for deployed solar capacity, according to the latest government figures, having added 1.4 GW since the start of 2025 including 106 MW in ...

The UK's solar energy sector has shattered previous records, adding an impressive 2.6 GW of new capacity in 2025. This remarkable achievement marks a ten-year high in deployment, ...

The Department for Energy Security and Net Zero (DESNZ) has confirmed that the UK reached 18 GW of installed solar photovoltaic (PV) capacity as of February 2025, driven by sustained ...

The UK government set an ambitious goal of achieving 45GW-47GW solar generation capacity by 2030, which means the UK needs to triple its solar capacity over the next decade.

The latest data from the Department for Energy Security and Net Zero (DESNZ) have revealed that the UK now has a total of 18GW of operational solar PV capacity installed.

OverviewHistorySolar potentialRooftop solarLarge-scale solar farmsPlanning considerationsGovernment programmesFutureIn 2006, the United Kingdom had installed about 12 MW of photovoltaic capacity, which represented only 0.3% of total European solar PV of 3,400 MW. In August 2006, there was widespread news coverage in the United Kingdom of the major high street electrical retailers Currys' decision to stock PV modules, manufactured by Sharp, at a cost of £1,000 per module. The retailer also provided an installation service.



GW-scale solar power plants in the UK

Get to know the projects" power generation capacities in MWp or MWAC, annual power output in GWh, state of location and exact location on the map, name of developer, year of connection to the electric ...

As of the end of October 2025, at least 40% of UK solar capacity - 8.2 GW - came from ground-mounted or standalone solar installations accredited under the UK Renewables Obligation ...

Over 660 solar PV projects have been approved in the past year, representing 3.8 gigawatts (GW) of clean energy capacity. These projects are helping the UK meet its net zero targets ...

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