



Small solar power generation GB





Overview

Homes and businesses can generate their own electricity from renewable sources through the Smart Export Guarantee scheme and the Renewables Obligation scheme. Includes licensing guidance, policy, news and insight. 2025 was a record year for certified renewable installations in UK homes and small businesses, with 369,000 installed in a single year, according to data from the Microgeneration Certification Scheme (MCS). Solar panel array in Tiverton, Devon. This progress was driven by just. The Clean Power Action Plan identifies that 45-47GW is our ambition for all solar by 2030, but it also confirms there is grid capacity available for up to an additional 10GW, should the system need it. 4% of the UK's annual power generation in 2025. These ground-mounted photovoltaic systems now supply a significant. More than 1.



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UK Solar Roadmap 2025

Solar energy is among the lowest cost, and most popular, forms of power generation in the UK, and unlocking its potential will increase Britain's energy security, drive down bills as well

[The 10 Largest Solar Energy Companies in the UK Driving the Green](#)

According to the UK government's Renewable Energy Statistics, solar capacity has reached an impressive 14 GW, enough to power over 3 million homes. This progress underscores ...



Small-scale electricity generation

Homes and businesses can generate their own electricity from renewable sources through the Smart Export Guarantee scheme and the Renewables Obligation scheme. Includes licensing guidance,

[UK homes installing a small-scale renewable energy system every 90](#)

2025 was a record year for certified renewable installations in UK homes and small businesses, with 369,000 installed in a single year, according to data from the Microgeneration ...



GridWatch

GridWatch , Live statistic of UK National Electricity grid by type of generation , Solar PV power Generation , Coal Stations output in Gigawatts , Wind Output Gigawatts , Nuclear energy output ...



Solar power in the United Kingdom

At the end of November 2025, at least 38% of capacity (8.2 GW) came from ground-mounted or standalone solar installations. This includes 19 operational solar farms accredited on Contracts for ...



Solar Farms in the UK (2026 Map and Guide)

This updated 2025 guide combines an interactive map, regional insights, and policy context to help you understand the state--and the future--of solar power in the UK.



Solar power in the United Kingdom



OverviewHistorySolar potentialRooftop solarLarge-scale solar farmsPlanning considerationsGovernment programmesFuture

In 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.



Solar Farms in the UK (2026 Map and Guide)

More than 1.5 million MCS-certified solar PV installations have now been installed across the UK since records began in 2008.

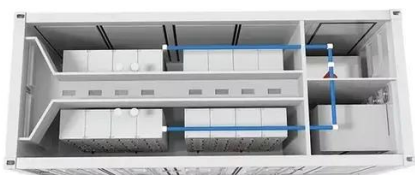
[Solar roadmap: United Kingdom powered by solar \(accessible webpage\)](#)

Solar energy is among the lowest cost, and most popular, forms of power generation in the UK, and unlocking its potential will increase Britain's energy security, drive down bills as well



UK reaches 1.5m small-scale solar installations

More than 1.5 million MCS-certified solar PV installations have now been installed across the UK since records began in 2008.





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