



# How much is the UK investing in solar power generation

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...

Solar photovoltaic technology captured 100% of the UK solar power market share in 2025 and is set to grow at a 9.3% CAGR through 2031, keeping the UK solar power market entirely PV-driven.

OverviewSolar potentialHistoryRooftop solarLarge-scale solar farmsPlanning considerationsGovernment programmesFutureSolar power has a growing role in electricity production in the United Kingdom, contributing around 5% of the UK's annual power generation in 2024. As of 2025, on sunny days, it provides over 30% of the UK's power consumption at times. There were few installations until 2010, when the UK government mandated s...

Ed Miliband today (Wednesday 31 July) announced the budget for this year's renewable energy auction is being increased by £500 million to over £1.5 billion - a record budget - helping build new...

Investment in wind and solar rebounded strongly from a weak 2022 and the electric vehicle market "reached new highs". Last year, the UK invested \$73.9bn in the energy transition, making it the fourth ...

Renewables now provide 37% of the UK's electricity, surpassing fossil fuels for the first time. Solar panel costs have dropped by 90% globally, making solar more affordable than ever. Major challenges ...

Solar power currently produces 25% of the UK's renewable energy, which itself accounts for 43% of total energy, which means that approximately 11% of the nation's power comes from solar.

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...

Find the most up-to-date statistics about solar photovoltaic energy in the United Kingdom (UK)



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