

# What is the budget for wind power generation

How will wind energy affect UK electricity consumption by 2030?

Wind energy is the cornerstone of the new UK Government's goal to fully decarbonise UK electricity consumption by 2030, along with a commitment to double onshore wind and quadruple offshore wind capacity by 2030. The next contract for difference auction round (AR6) is taking place this summer.

What percentage of electricity is generated by wind?

Wind energy generation accounted for 24% of total electricity generation (including renewables and non-renewables) in 2020; with offshore wind accounting for 13% and onshore wind accounting for 11%. Data on energy generation is from the UK Department of Business, Energy and Industrial Strategy's Energy Trends.

## 4. Business activity in wind energy

How much will the UK government spend on offshore wind?

They raised the total budget by £500mn to a record £1.56bn, of which £1.1bn will be allocated for bottom-fixed offshore wind. That's 38% higher than the £800mn offshore wind budget proposed under the previous UK Government and is an important move that will allow for increased offshore wind deployment.

How much energy does the UK generate from wind power?

Includes data from the Office for National Statistics and other official sources. Electricity generation from wind power in the UK has increased by 715% from 2009 to 2020. Turnover from wind energy was nearly £6 billion in 2019. The UK has the largest offshore wind farm in the world, which is located off the coast of Yorkshire.

How will the UK government's decision affect wind energy?

"This is a very positive development. The UK Government's decision will strengthen its energy security and increase its economic competitiveness. It will also help to create tens of thousands of new jobs in wind energy and restore the UK as a global leader in renewables", says Phil Cole, Director of Industrial Affairs at WindEurope.

Why is the government funding offshore wind?

It is part of government's plan to strengthen energy security and bring down energy bills in the long-term. Following an extensive review of the latest evidence, including the impact of global events on supply chains, the government has allocated a record £800 million for offshore wind, which has been given a separate funding pot.

In action: onshore renewables. Onshore wind: We've upgraded 40 turbines at our Fowler Ridge 1 wind farm in Indiana with new technology that will boost their power generation by up to 40% without expanding the

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wind farm"s geographic ...

This includes £170 million for established technologies such as offshore wind, ensuring Britain remains a front runner in global offshore wind, and £10 million ring-fenced ...

Renewable Energy Source: Wind is an abundant, natural resource that converts to electricity without harmful emissions. Cost-Effectiveness: Despite the initial setup cost, wind turbines offer significant long ...

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£800 million pledged for offshore wind to ensure Britain remains at forefront of technology budget to boost renewables investment and help UK replace fossil fuels with cheaper, cleaner,...

The new UK Government is committed to double onshore wind and quadruple offshore wind by 2030, as a cornerstone of its goal to fully decarbonise electricity by 2030. That means increasing onshore wind from 15 ...



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