

# Germany's wind power generation is strong

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Some politicians would prefer a return to nuclear power, but Germany's wind sector is on track to make significant gains.

Germany is one of the largest wind energy markets worldwide. In 2023, the country ranked third in terms of installed wind capacity, only after China and the United States. Today, wind is...

With more than 28,000 turbines and a cumulative capacity of 63 gigawatts (GW) in operation across the country, Germany boasted the largest installed onshore wind fleet in Europe and the third largest ...

Europe's largest wind power producer - Germany - remains in the grips of a years-long bout of sub-par wind electricity production due to below-average wind speeds at turbine level.

Wind power took first place as the strongest net electricity producer, followed by photovoltaics, which increased its production by 21 percent in 2025 and overtook lignite for the first time.

Over 2,400 new onshore wind turbines capable of generating some 14 gigawatts were green-lit, according to the latest report by the German Wind Energy Association and VDMA Power ...

In 2023, land-based wind energy in Germany was the most important power source: 22.9% of the provided gross electricity generation stemmed from onshore wind turbines, totalling 61 GW of ...

In response to the ongoing energy crisis sparked by the Ukraine war, Germany has accelerated its wind energy projects, driven both necessity and long-term environmental strategy. By ...

Germany's onshore wind sector is experiencing a remarkable upswing in 2025, with record figures for new installations, project approvals, and tenders in the first half of the year.



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Wind power is a major source of electricity in Germany and the Energiewende (German for "energy turnaround") that has phased out nuclear power in 2023. Domestic generation is about 60% ...

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