

# Wind power accounts for the total electricity generation in Denmark

Historically, the average for Denmark from 1980 to 2023 is 6.13 billion kilowatthours. The minimum value, 0.01 billion kilowatthours, was reached in 1980 while the maximum of 19.54 billion ...

Key figures for development in production and consumption of energy, renewable energy, wind power, CHP, energy intensity and CO2 emissions. The Danish Energy Agency reports annual statistics on ...

Today, more than half of Denmark's electricity production comes from wind farms.

The EU has made significant strides, with renewable electricity now accounting for nearly half (47%) of total generation, a 2.6% increase from 2023.

Denmark continues to be a global leader in variable renewable integration. 2023 was a record year for solar and wind energy generation, providing 64% of demand compared to 60% the year before<sup>1</sup>.

OverviewEconomic conditionsHistoryWind resourcesConsumption related to wind powerInstalled capacities and productionSee alsoBibliographyThe Danish wind turbine industry is the world's largest. Around 90% of the national output is exported, and Danish companies accounted for 38% of the world turbine market in 2003, when the industry employed some 20,000 people and had a turnover of around 3 billion euro. The return on investment dropped from near 20% before the 2008 financial crisis, to 10% some years later. The Danish wind turbine industry had ...

Currently, wind and solar power account for 50% of the country's electricity supply, with wind energy specifically contributing over 57% of electricity generation in 2023.

In 2023, wind power generated nearly 60% of Denmark's electricity. This made Denmark the country with the highest share of wind in its electricity mix. This is based on data from Ember. ...

Wind power accounted for 39% of Denmark's total installed power generation capacity and 51% of total power generation in 2023.

Denmark has achieved an impressive milestone in its electricity generation, with over 86% sourced from clean energy. A significant contributor to this achievement is wind energy, accounting for nearly three ...

In 2024, wind power made up 59.3% of total electricity generation in Denmark, up from 56% in 2020, 20% in 2010 and 11% in 2000. [2][3][4][5][6][7][8][9] This contributes to the government's target of ...



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