

The month with the highest wind power generation in Denmark

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Wind power, which typically plays a crucial role in Denmark's energy mix, was notably scarce during January. The month saw atypically low wind speeds for the season, reducing ...

Wind energy is one of the most widely used renewable energy sources in Denmark. In 2023, the wind energy production surpassed 19.4 terawatt-hours.

OverviewSourcesConsumptionProductionTransmissionSee alsoExternal linksDenmark invested in the wind power development in the 1970s and has had the highest wind share in the world ever since; wind produced the equivalent of 42% of Denmark's total electricity consumption in 2015. Danish consumption of wind turbine generated electricity is the highest in the world per person: 1,218 kWh in 2009. Denmark produced more wind power per person in Denmark in 2009 than either Spain or the UK produced nuclear power per person in their respective countries.

The monthly energy production from wind turbines in Denmark in 2023 was highest in December, amounting to about *** terawatt-hours.

Furthermore, Denmark has--as of 2022--the world's 2nd highest amount of wind power generation capacity installed per capita, behind only neighboring Sweden.

The first turbine registered in Denmark was commissioned on December 15, 1977 and was in service for 25 years. The oldest turbine registered in Denmark was commissioned on February 14, 1980 and ...

Denmark has the highest proportion of wind power in the world. In 2015, Denmark produced 42% of electricity from wind, [53][5] up from the 2014 record of 39% of total power consumption.

Denmark continues to uphold its position as a global leader within a variety of renewable energy integrations. 2022 became a record year for wind energy generation, which accounted for 53% of ...

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In 2022, Denmark led all International Energy Agency (IEA) member countries in wind energy utilization for electricity generation, holding a 54% share, notably above the IEA average of 13%.

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. ...

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