

Wind power has grown rapidly since 2000, driven by R& D, supportive policies and falling costs. Global installed wind generation capacity - both onshore and offshore - has increased by a factor of 98 in ...

The first half of 2025 has been a defining period for the global wind energy sector - not only for its record-breaking growth but for the clarity it provides about the world's energy direction.

See the projected growth of the wind industry over the next 35 years. All units are in gigawatts (GW). Only states with total capacity over 0.1 GW are included per year. Find out more about the data by ...

Wind supplies 57% of Denmark's electricity generation and over 20% in ten other countries. 7 Global wind additions reached a record 117 GW in 2023. 7 In 2024, onshore installations surpassed 100 GW ...

Our Markets to Watch section covers a range of maturing markets consolidating growth such as India, Germany and the UK, and important new regions poised to become wind power strongholds such as ...

In 2024, the total wind power capacity installed worldwide surpassed 1.1 terawatts, growing by more than 100 gigawatts in comparison to the previous year. China is the leading country ...

The expansion of wind power generation requires a robust understanding of its variability and thus how to reduce uncertainties associated with wind power output.

Cumulative installed wind energy capacity including both onshore and offshore wind sources, measured in gigawatts (GW).

The 2025 Global Wind Report reveals record growth in wind energy, with 117 GW of new capacity installed in 2024. While highlighting challenges like policy instability and market ...

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