

The current status of wind power generation at home and abroad

Wind power Solar and wind power has grown faster than electricity demand this year, report says A new analysis of solar and wind power shows its generation worldwide has outpaced electricity demand this year.

Given the clear economic, social, and environmental advantages of wind power as a cornerstone of a renewable energy system, the main obstacles to progress today come not from technology or ...

The world's installed wind power capacity now meets well over 10% of global electricity demand - and much more than nuclear power. More than 30 countries now have a share of wind power above the world ...

Find up-to-date statistics and facts on the global wind power market.

The Global Wind Power Tracker (GWPT) is a worldwide dataset of utility-scale, on and offshore wind facilities. It includes wind farm phases with capacities of 10 megawatts (MW) or more.

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find more about Ember's methodology in this document.

As the world moves toward NetZero goals, ERSG looks to the latest insights from the GWEC Global Wind Report 2025 to better understand current trends and the future of renewable energy.

Onshore wind with 109 GW connected to the grid accounted for about 83% of new installations, reaching a record-high. In contrast, offshore wind capacity additions reached just 8 GW--26% lower than the previous ...

Wind power's total cumulative installed electricity generation capacity has increased rapidly since 2000, and continues to expand faster than any other form of energy.

In 2023 the global wind industry expanded its capacity by over 50% compared to the previous year as countries around the world ramped up investments in wind energy generation. Despite this, recent ...



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