



Survey on the current status of wind power generation

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for the global community. The journey of wind energy has been nothing short of remarkable, evolving from a niche technology to a mainstream source of power that is now integral to our stands ready to ...

As of 2023, wind power accounted for 12% of U.S. electricity generation capacity, compared with 11% for solar, 8% for nuclear, 7% for hydro, 16% for coal and 43% for natural gas, ...

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.

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

While wind power technology is inherently cleaner than fossil fuel-based energy generation, there are still GHG emissions associated with its life cycle. Calculating these emissions ...

Renewable energy statistics 2025 provides datasets on power-generation capacity for 2015-2024, actual power generation for 2015-2023 and renewable energy balances for over 150 countries and areas for ...

Last year, the average utilization rate, or capacity factor, of the wind turbine fleet fell to an eight-year low of 33.5% (compared with 35.9% in 2022, the all-time high). The 2023 decline in wind ...

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 ...

The U.S. Wind Energy Monitor is an indispensable resource for industry players who refuse to be caught off-guard by rapid changes. With our expert analysis at your fingertips, you can confidently chart your ...

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The Global Wind Report -2025 represented by Global Wind Energy Council (GWEC) gives an overview on the wind energy industry in 2024. Compared to 2023, wind power production increased by 11% ...

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