

Annual wind power generation of each power company

What percentage of electricity is generated by wind?

Ember's latest yearly electricity generation, capacity, emissions and demand data from more than 200 geographies, published in December, showed that wind power's share of worldwide electricity usage in 2022 was 7.3%, with wind making up 11.2% of generation in Europe in the same year.

What is wind power?

The Wind Power is a comprehensive database of detailed raw statistics on the rapidly growing sphere of wind energy and its supporting markets. It contains data about wind farms, turbines, manufacturers, developers, operators, owners and also pictures and cartographical data

What was the wind energy industry like in 2024?

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% bringing the total installed capacity to 1,136 GW. With 117 GW of new installations worldwide 2024 marked another record year for wind energy.

How much wind power does the world have?

According to preliminary statistics published today by the World Wind Energy Association, global wind power capacity has now reached 1'173'581 Megawatt- well below the estimates published by WWEA in autumn 2024.

On the demand side, the fragmentation of global trade and investment regimes will create market inefficiencies by restricting the ability of developers and manufacturers in trade-isolated ...

The first half of 2025 demonstrates the continued momentum and resilience of the global wind power sector. Driven by strong growth in China and steady expansion across major ...

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

Globally, 77.6 GW of new wind power capacity was connected to power grids in 2022, bringing total installed wind capacity to 906 GW1, a growth of 9% compared with 2021.

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Wind power generation, 2025 Annual electricity generation from wind is measured in terawatt-hours (TWh) per year. This includes both onshore and offshore wind sources.

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Annual change in wind power consumption Using the substitution method Input-equivalent energy, in terawatt-hours, is based on gross generation and does not account for cross ...

Share of wind power in electricity generation and consumption The world's installed wind power capacity now meets well over 10% of global electricity demand - and much more than nuclear ...

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