

How has the world's wind power sector changed in 2025?

The world's wind power sector recorded strong growth in the first half of 2025, with global installations rising by 64% compared to the same period of 2024. A total of 72,2 gigawatts (GW) of new capacity were added between January and June 2025, following 44,1 GW installed in the first half of the previous year.

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.

What is the future of wind energy?

The energy capacity by 2030. The year 2024 marked yet another milestone with 117 GW of new installations worldwide, bringing the global cumulative capacity to 1136 GW. This report not only highlights the impressive growth of wind energy but also underscores the immense potential that lies ahead. With the right conditions

How many GW of wind a year?

Over the twelve months from July 2024 to June 2025, the sector added 148 GW, compared with 125 GW during the preceding twelve-month period. By the end of June 2025, total installed wind power capacity reached 1,245 GW (1,25 terawatts), representing a 13,5% annual growth rate.

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

Prolonged low wind speeds can lead to a strong reduction in wind power generation. Here, the authors show that such wind drought events become more frequent and extended under ...

As the summer heat blazes across the US, the latest energy data reveals a complex landscape for wind and solar power generation. In June 2025, the total operating capacity for wind ...

BEIJING, June 23 -- China's total power generation capacity had climbed to 3.61 billion kilowatts by the end of May, marking a year-on-year increase of 18.8 percent, the National Energy Administration ...

In June, coal power generation rose by 2.2%, while hydropower and gas power declined by 3.3% and 4.4%, respectively. In the second quarter, coal and gas power generation in China was ...

Windpower Intelligence Global Forecast: June 2025 Below we present our latest global capacity forecasts to 2031.

From the perspective of energy sources, in June, the growth rate of thermal power and wind power generated

by industrial enterprises above the designated size moderated; the decline in ...

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The Data and the Story - Wind in 2024 2024 marked yet another record year for wind energy with 117 GW of new installations worldwide. Looking beyond the marginal increase from last ...

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