



# Wind power generation increased year-on-year

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What is the growth rate of wind power?

o Annual growth rate falls from 13,0% to 11,5%  
o China installs 87 Gigawatt, 72% of new global capacity  
o Brazil becomes second largest market and joins top 5 wind power nations  
The full report can be downloaded here as PDF file

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.

How has wind energy changed 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. Onshore wind with 109 GW connected to the grid accounted for about 83% of new installations, reaching a record-high.

Did China's new wind and solar power capacity double A year-on-year?

China's newly installed wind and solar power capacity nearly doubled year-on-year during the first half of this year, as the country ramps up its transition to cleaner energy sources, data from the China Electricity Council showed.

WWEA Annual Report 2024: A Challenging Year for Windpower  
o Total capacity exceeds 1"174 Gigawatt, o 121 Gigawatt added in 2024, slightly less than the last year  
o Dramatic 18% decline ...

Newly added power generation capacity during the first six months reached 290 million kilowatts, with new solar installations rising 107.1 percent year-on-year to 210 million kilowatts, and ...

Percentage change in wind energy generation relative to the previous year.

Year-on-year percentage change in wind electricity production comparison between November 2024 and November 2023 - Chart and data by the International Energy Agency.



## Wind power generation increased year-on-year

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. ...

Worldwide solar and wind power generation has outpaced electricity demand this year, and for the first time on record, renewable energies combined generated more power than coal, ...

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 ...

The 2 TW milestone is expected to be achieved in just seven years Compared with the 2030 global outlook released alongside last year's Global Wind Report, GWEC Market Intelligence ...

China's installed wind power generation capacity has consistently ranked first in the world for an impressive 15-year streak, according to the latest data released by the China Electricity ...

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 ...

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