



Wind power generation hours in the second quarter



Overview

Wind installations in the United States produced 45.9 terawatt-hours (TWh) of electricity in March 2024, compared with 38. Looking for archive data?

No Data Available. Public reporting and think-tank briefings confirm China's wind fleet produced record monthly and quarterly volumes in 2024-25, but none of the supplied sources publishes a single, authoritative annual TWh total for wind alone for calendar years 2024 and 2025; precise annual figures cannot be. Electricity generation from wind established a new record in the United States in April, and wind generation exceeded coal-fired generation in both March and April, data from our July 2024 Monthly Energy Review show. wind generation exceeded coal-fired generation for the first time in April. Electricity generation from renewables is expected to increase by 60% through 2030 - rising from 9 900 terawatt-hours (TWh) in 2024 to 16 200 TWh by the end of the decade. Although wind power continues to. • 121 Gigawatt added in 2024, slightly less than the last year • Dramatic 18% decline outside China • Annual growth rate falls from 13,0% to 11,5% • China installs 87 Gigawatt, 72% of new global capacity • Brazil becomes second largest market and joins top 5 wind power nations The full report as of. Annual electricity generation from wind is measured in terawatt-hours (TWh) per year. This includes both onshore and offshore wind sources. Data source: Ember (2026); Energy Institute - Statistical Review of World Energy (2025) - Learn more about this data Measured in terawatt-hours.



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Global Statistics

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US wind energy monitor:

Executive summary report Joint report from Wood Mackenzie and the American Clean Power Association Q1 2024 Despite 2024 looking like another slow year,

A database of hourly wind speed and modeled generation for US wind ...

The repository contains wind speeds and generation based on three different meteorological models: ERA5, MERRA2, and HRRR. Data are publicly accessible in simple csv files.

How much electricity (TWh) did Chinese wind farms gene...

Energy think-tank Ember 's data, cited by Reuters, records that China's wind farms produced “over 100 terawatt hours (TWh) of electricity in March” 2024 — a single-month, country-level record that is ...

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Wind installations in the United States produced 45.9 terawatt-hours (TWh) of electricity in March 2024, compared with 38.4 TWh from coal-fired power plants. In April 2024, coal-fired ...

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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