

Energy-saving wind power generation ranking



Overview

This dashboard ranks countries/areas to their renewable energy power capacity or electricity generation. China is the largest producer of wind power in the world, having generated 466.3 TWh in 2021-22, doubling the. In 2025, the global wind energy sector continues its strong upward trajectory, with total installed capacity surpassing 1,170 GW and over 117 GW added in the past year alone. While Texas is known for its oil derricks and natural gas pumps, wind turbines have become a major part of the state's landscape.

Energy-saving wind power generation ranking



Wind electricity generation by country, around the world

Wind electricity generation, billion kilowatthours, 2022: The average for 2022 based on 189 countries was 11.16 billion kilowatthours. The highest value was in China: 762.67 billion kilowatthours and the lowest value was in ...

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Wind Energy by State , February 2026 , Choose Energy

Wind energy generation increased by 2.03% nationally from November 2024 to November 2025. The following table shows the top 10 states that experienced an increase in wind production since last year. ...



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Top 10: Wind Power Companies , Energy Magazine

To achieve global decarbonisation goals in time, the International Energy Agency says annual wind capacity additions need to increase from around 115 GW in 2023 to 340 GW in 2030. Energy Digital has ...

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Top 10 Nations Leading in Wind Energy

Here is the list of world's leading renewable energy generating countries in the world. 1. China is a global leader in wind energy generation. The country had a significant installed capacity for wind power, ...

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Country Rankings

This dashboard ranks countries/areas to their renewable energy power capacity or electricity generation. The data can be further refined based on region, technology or year of interest.

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Global Top 15 Wind Turbine Manufacturers [2025]

German firms such as ENERCON and Nordex, as well as China's Mingyang Smart Energy and Envision Energy, are also key players shaping the future of wind power. This ranking highlights the top 15 makers of ...

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The efficiency of wind power companies in electricity generation

This study analyses the assessment of the relative efficiency of electricity




generation of 78 wind power companies in 12 selected European countries. The basic purpose is to identify the factors that ...

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Global Wind Power Generation Rankings 2025: Top 10 Countries Leading

From China's mega-projects to Germany's community wind cooperatives, the 2025 rankings reveal a fragmented but determined global effort. One thing's clear: countries combining strong policies, tech ...



- LiFePO₄ Battery, safety*
- Wide temperature: -20~55°C*
- Modular design, easy to expand*
- Wall-Mounted&Floor-Mounted*
- Intelligent BMS*
- Cycle Life:> 6000*
- Warranty:10 years*

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Top 10 Nations Leading in Wind Energy

VestasSGREGE VernovaEnerconGoldwind EnvisionMingyangNordexWindey0. SewindFounded: 1976 Location: Zamudio, Spain Siemens Gamesa Renewable Energy (SGRE) is a leading renewable energy company that provides offshore and onshore wind turbines and services. The company has the second most wind power installed capacity of 113.5 GW in 2024. In 1991, Bonus Energy (later acquired by Siemens AG) built the world's first offshore wi See more on blackridgeresearch Center for

Sustainable Systems

Wind Energy Factsheet - Center for Sustainable Systems

Global wind additions reached a record 117 GW in 2023. 7 In 2024, onshore installations surpassed 100 GW for the second consecutive year, while the U.S. ...

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Wind Power by Country 2026

Together, China and the United States generated 50.6% of the world's wind power in 2021. A full 9% of the country's electricity came from wind power in 2021, making wind the largest source of renewable energy in ...

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Wind Energy Factsheet

Global wind additions reached a record 117 GW in 2023. 7 In 2024, onshore installations surpassed 100 GW for the second consecutive year, while the U.S. experienced a slowdown. Offshore additions totaled 8 GW ...

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