

# Wind power generation market share





## Overview

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Wind energy sources accounted for nearly eight percent of electricity generation worldwide in 2023, up from a 7.3 percent share a year earlier. What is the global wind power market size?

The global wind power market size was valued at USD 99.28 billion in 2021 and is expected to expand at a compounded annual growth rate (CAGR) of 6.5% from 2022 to 2030. The growing need to replace conventional sources of energy with renewable sources is projected to drive the market for wind power in the upcoming years.

Will wind power gain more ground in the electricity generation market?

There are several reasons to believe wind power will gain further ground in the electricity generation market in the coming years. Global wind generation capacity has been one of the fastest-growing forms of electricity production so far this century. It expanded around 20% per year from 2001 through 2021, according to Ember.

What is the wind power market report?

The Wind Power Market Report is Segmented by Location (Onshore and Offshore) and Geography (North America, Europe, Asia-Pacific, South America, and Middle East and Africa). The Report Offers the Market Size and Forecasts for Wind Power in Installed Capacity (GW) for all the Above Segments.

What percentage of electricity is generated by wind?

Wind energy sources accounted for nearly 7.33 percent of electricity generation worldwide in 2022, up from a 6.6 percent share a year earlier. This was over double the share compared to 2015 values, the year Paris Agreement was adopted. Get notified via email when this statistic is updated. Access All Statistics. Starting from.

How is the wind power market segmented?



The wind power market is segmented by location and geography. By location, the market is segmented into onshore and offshore wind installations. The report also covers the market size and forecasts for the wind power market across major regions. For each segment, the market sizing and forecasts have been done based on installed capacity (GW).

How big is the wind turbine market in 2022?

Wind turbine market size from the utility segment exceeded 75.5 GW in 2022. This growth is credited to prominent wind energy projects that aim to supply electricity to large facilities, along with consistent efforts to introduce turbines with higher capacity.



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**200kWh  
Battery Cluster**

### **Wind Market Reports: 2024 Edition , Department of Energy**

The U.S. Department of Energy's annual offshore, land-based, and distributed wind market reports, released in August 2024, show that the passage of the Inflation Reduction Act (IRA) ...

### **Floating Wind Power Market Size, Share , Trends Report [2029]**

The global floating wind power market is projected to grow from \$0.68 billion in 2022 to \$15.64 billion by 2029, at a CAGR of 56.5% in forecast period The development ...

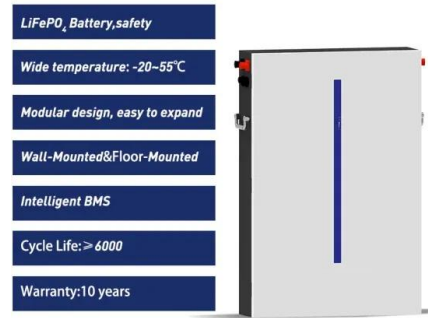


### **Wind Power Generators Market , Size, Share, Growth , 2024**

The wind power generators market growth is valued at US\$ 24.73 billion in 2023 and is projected to reach US\$ 34.49 billion by 2029, at a CAGR of 5.7%. The regional wind power ...

### **Wind Energy Market Statistics , Industry Size, Share Trends, 2027**

Global Wind Energy Market size was valued at \$62.1 billion in 2019, and is projected to reach \$127.2 billion by 2027, growing at a CAGR of 9.3% from 2020 to 2027. This type of renewable ...



### Top Wind Power Generation Companies in India 2024 , Angel One

Note: The above-mentioned stocks have been selected and sorted on the basis of market capitalisation, and the data is as of December 15, 2023. Let us now discuss a ...

### Wind Power Generation Market to 2030

The rise in demand for clean power generation in the country is anticipated to drive the growth of the wind power generation market. Europe and North America are the key regions that ...



### Wind Power in China: Current State and Future Outlook

Thanks to the supporting policies, China's wind power technology has advanced, resulting in a continuous decline in wind power generation costs. In the past, wind ...



### Wind energy in the UK

Wind electricity generation in the UK. In 2020, the UK generated 75,610 gigawatt hours (GWh) of electricity from both offshore and onshore wind. This would be enough to power 8.4 trillion ...



### Renewable Energy Market Size, Share, Growth Report, 2030

Renewable Energy Market Size & Trends. The global renewable energy market size was estimated at USD 1.21 trillion in 2023 and is expected to grow at a compound annual growth ...

### Power Generation Market Size, Share & Trends [2031]

The Asia-Pacific power generation market share stood around 36.18% in 2023 in the global market, with a valuation of USD 546.75 billion. The region's rapid economic growth, ...



### Wind turbine manufacturers' global market share

In 2018, Vestas accounted for 20.3 percent of the world's market share for wind turbines, while Siemens Gamesa had a market share of 12.3 percent. Monthly share of wind power generation in



## [Wind Power Generator Market Research, 2032](#)

The Asia-Pacific wind power generator market size is projected to grow at the highest CAGR of 5.7% during the forecast period and account for 44% of wind power generator market share in ...



### **Wind Power Generator Market Size To Hit USD 40.41 ...**

Wind Power Generator Market Size, Share, and Trends 2024 to 2034. The global wind power generator market size accounted for USD 23.88 billion in 2024, grew to USD 25.17 billion in 2025 and is expected to be worth around USD 40.41 ...

### **Global wind power set to grab record share of electricity market**

Global wind-powered electricity generation could set a new record in 2024, as winter sets in throughout the northern hemisphere and wind speeds pick up across a majority ...



### **Overview of the development of offshore wind power generation ...**

The COVID-19 pandemic has greatly affected the global offshore wind power industry [9], which also revealed some shortcomings of the Chinese offshore wind power ...



### France Wind Power Market Size, Share, Key Players

France Wind Power Market Analysis by Size, Installed Capacity, Power Generation, Regulations, Key Players and Forecast to 2035. Powered by . All the vital news, analysis, and commentary curated by our industry experts.



### Wind Tower Market Size, Share, Forecast & Growth [2032]

Asia Pacific dominated the wind tower market with a market share of 58.27% in 2023. The Wind Tower market in the U.S. is projected to grow significantly, reaching an ...

### The Top Five Wind Power Generation Markets in 2021

The global installed wind power capacity is expected to reach 1,839.5 GW by 2030. In 2021, the top five regions in the wind power market are China, the United States of America, Germany, ...



114KWh ESS



### China Wind Power Market Analysis by Size, & Share Analysis and ...

In 2022, Chinese onshore wind power generation had a higher capacity share. China Wind Power Market Analysis by Types, 2022 (%) - Wind Power Market, China, ...





### Wind Power Market Size And Share , Industry Report, 2030

The report highlights increasing momentum on the growth of wind energy worldwide: Total installations of 117GW in 2023 represents a 50% year-on-year increase from 2022; 2023 was a year of continued global growth - 54 ...



### Wind Power Generator Market Size, Share, Trends, Industry

The report is a comprehensive presentation of trends, forecast and dollar values of global wind power generator market. Market Insight: The global wind power generator market was valued ...

### Wind Energy Market in India

October 2022: Suzlon Group secured new order to develop 144.9 MW wind power projects located at sites in Gujarat and Madhya Pradesh for the Aditya Birla Group. As a part of the contract, the company will install around 69 units ...



### Wind Power Market Size, Share, Trends, Growth ...

Wind Power Market Analysis by Key Countries, Average Turbine Size and Share, Technology, Installed Capacity, and Forecast to 2035. Powered by . All the vital news, analysis, and commentary curated by our ...



### Wind Power Market Size, Share & Growth Report, 2021

The Global Wind Energy Market Size is expected to reach USD 151.47 Billion by 2030, at a CAGR of 8.4% during the forecast period 2022 to 2030.. Market Overview. Wind energy is ...



### Wind Power Market , Size, Share, Trends and Forecast to 2028

Regarding wind power generation, the year 2022 witnessed a remarkable increase in wind electricity generation, with a record-breaking growth of 265 terawatt-hours (TWh), marking a ...

### Wind energy industry in the UK

In 2022, wind power was by far the leading renewable energy source across the country. Overall, wind power is the second-largest electricity generation technology in the UK, contributing



### Wind Power Generators Market Report 2024 (Global Edition)

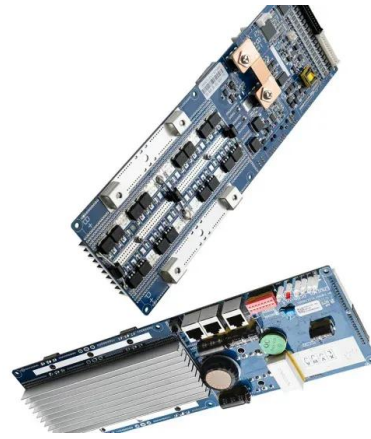
The Global Wind Power Generators Market is witnessing significant growth in the near future. In 2023, the Horizontal-Axis Wind Power Generator segment accounted for ...





### North America Wind Power Market

The North America Wind Power Market is expected to reach 184.67 gigawatt in 2024 and grow at a CAGR of 4.74% to reach 232.89 gigawatt by 2029. Acciona Energia SA, Orsted AS, Duke ...



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