

# Global Wind Power Generation Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Wind Power Generation market size was valued at USD 67410 million in 2023 and is forecast to a readjusted size of USD 86000 million by 2030 with a CAGR of 3.5% during review period.

Wind power generation means getting the electrical energy by converting wind energy into rotating energy of the blades and converting that rotating energy into electrical energy by the generator. Wind power or wind energy is the use of wind turbines to generate electricity. Wind power is a popular, sustainable, renewable energy source that has a much smaller impact on the environment than burning fossil fuels. Wind farms consist of many individual wind turbines, which are connected to the electric power transmission network.

Global key wind power generation ???? Vestas, GE, Siemens Gamesa etc. The top 3 companies hold a share about 60%. Asia is the largest market, with a share about 55%, followed by NAFTAZ and Europe with the share about 17% and 15%. In terms of product, 2.X MW wind power generation is the largest segment, with a share over 47%. And in terms of application, the largest application is onshore, followed by offshore.

The Global Info Research report includes an overview of the development of the Wind Power Generation industry chain, the market status of Onshore (1.5 MW, 2.0 MW), Offshore (1.5 MW, 2.0 MW), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Wind Power Generation.

Regionally, the report analyzes the Wind Power Generation markets in key regions.

North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Wind Power Generation market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Wind Power Generation market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Wind Power Generation industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (MW), revenue generated, and market share of different by Power (e.g., 1.5 MW, 2.0 MW).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Wind Power Generation market.

**Regional Analysis:** The report involves examining the Wind Power Generation market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Wind Power Generation market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Wind Power Generation:

**Company Analysis:** Report covers individual Wind Power Generation manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Wind Power Generation. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Onshore, Offshore).

**Technology Analysis:** Report covers specific technologies relevant to Wind Power Generation. It assesses the current state, advancements, and potential future developments in Wind Power Generation areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Wind Power Generation market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Wind Power Generation market is split by Power and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Power, and by Application in terms of volume and value.

## Market segment by Power

1.5 MW

2.0 MW

2.X MW

3.X MW

4-6.X MW

7 MW and Above

## Market segment by Application

Onshore

Offshore

## Major players covered

Vestas

Goldwind

GE

Envision

Siemens Gamesa

Mingyang Smart Energy

Shanghai Electric

Nordex

Windey

CRRC Wind Power

Sany Renewable Energy

CSSC Haizhuang

Dongfang Electric

Guodian United Power

ENERCON

Suzlon

Huayi Electric

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Wind Power Generation product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Wind Power Generation, with price, sales, revenue and global market share of Wind Power Generation from 2019 to 2024.

Chapter 3, the Wind Power Generation competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Wind Power Generation breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Power and application, with sales market share and growth rate by power, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales

quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Wind Power Generation market forecast, by regions, power and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Wind Power Generation.

Chapter 14 and 15, to describe Wind Power Generation sales channel, distributors, customers, research findings and conclusion.

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