



Wind power generation and market value





Overview

The global wind energy market size was valued at USD 174.5 billion in 2024 and is expected to grow more than 11%. Major developments across Asia, Europe, and North America, combined with increasing investment in offshore wind, especially in Europe, will enhance the industry. As per Market Research Future analysis, The Global Wind Power Market Report is Segmented by Location (Onshore and Offshore), Turbine Capacity (Up To 3 MW, 3 To 6 MW, and Above 6 MW), Application (Utility-Scale, Commercial and Industrial, and Community Projects), and Geography (North America, Europe, Asia-Pacific, South America, and Middle East). As per Market Research Future analysis, The Global Wind Power Market Size was estimated at 148. Asia Pacific led the global market with the highest market share. Varun Juyal is a Senior Research Analyst at DataBridge Market Research, with over 10+ years of experience in industrial market analysis and strategic consulting.



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[Wind Energy Market Size, Growth Outlook 2025-2034](#)

The wind energy market size crossed USD 174.5 billion in 2024 and is expected to grow at a CAGR of over 11.1% from 2025 to 2034, driven by the growing adoption of off grid & distributed energy system.

[Wind Energy Market Size to Hit USD 283.46 Bn by 2035](#)

What is the Wind Energy Market Size? The global wind energy market size is calculated at USD 108.81 billion in 2025 and is predicted to increase from USD 119.91 billion in 2026 to ...



[Wind Power Market Size And Share . Industry Report, 2030](#)

The global wind power market size was estimated at USD 97.05 billion in 2024 and is projected to reach USD 141.09 billion by 2030, growing at a CAGR of 4.9% from 2025 to 2030.

[Wind Power Market Size, Share, Trends, Growth Report 2035](#)

Investment in The Global Wind Power Market is on the rise, driven by both public and private sectors. Governments are implementing policies that encourage renewable energy projects, while private ...



Wind Power Generation Market Size, Share, Growth by 2030

The global wind power generation market size was valued at US\$ 127.3 billion in 2022 and is projected to reach US\$ 247.2 billion by 2030. The wind power generation market is estimated to record a ...

Wind Power Market Outlook 2026-2035

The global wind power market was valued at USD 170.29 Billion in 2026 and eventually reaching USD 327.16 Billion by 2035 expanding at a CAGR of 7.52% from 2026 to 2035. I need the ...



Wind Power Market Size & Share, Industry Growth 2032

On the basis of rating, the global wind power market is segmented into ≤ 2 MW, $>2 \leq 5$ MW, $>5 \leq 8$ MW, $>8 \leq 10$ MW, $>10 \leq 12$ MW, and >12 MW.



Wind Turbine Market Research



Report

The global Wind Turbine Market size was valued at USD 143.69 billion in 2024 and is expected to grow at a CAGR of 7.7% from 2025 to 2034.

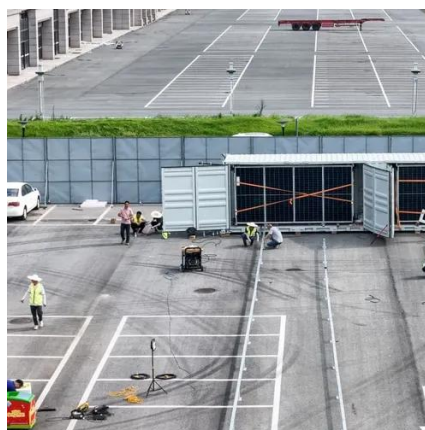


[Wind Power Market Size, Trends & Share Report 2026-2031](#)

The Wind Power Market size worth 1.4 terra-watt in 2026 is growing at a CAGR of 10.52% to reach 2.31 terra-watt by 2031. Acciona Energia SA, Duke Energy Corporation, Orsted A/S, ...

[Wind Energy Market Size, Share, Forecast 2025-2033](#)

Key Market Trends: Some major key trends in the wind energy market include technological improvements in turbine efficiency, increasing investments from public and private sectors, the rising ...





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