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Title: Wind power generation investment sector

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What is wind power generation?

Wind power generation (hereinafter referred to as "wind power") is a new energy technology that utilizes wind energy to generate electricity, and it is also an important technological support for global energy transition.

How has the world's wind power sector changed in 2025?

The world's wind power sector recorded strong growth in the first half of 2025, with global installations rising by 64% compared to the same period of 2024. A total of 72,2 gigawatts (GW) of new capacity were added between January and June 2025, following 44,1 GW installed in the first half of the previous year.

What is the global wind power market size?

Based on component, the market is bifurcated into turbine, support structure, electrical infrastructure and others. The wind power market size amounted to USD 118.1 billion, USD 146.5 billion and USD 174.5 billion in 2022, 2023 and 2024 respectively.

Who are the leading companies in the wind power market?

Major players include Acciona Energia SA, Siemens Gamesa Renewable Energy, General Electric Company, and Vestas Wind Systems AS, which are recognized for their contributions to both onshore and offshore wind projects across various regions. The following are the leading companies in the wind power market.

In this article, PF Nexus highlights the Top 10 wind investors driving the global energy transition. By 2030, the world aims to ensure universal access to affordable, reliable, and modern ...

The wind power market in the Middle East and Africa is primarily driven by increasing investments in renewable energy, government support for clean energy initiatives, and the declining costs ...

Global New investment in Wind (Power Generation) witnessed a massive growth between 2017-2020. The power generation industry is segmented by volume into electricity produced from nuclear, ...

Wind power is a kind of important green power, which plays a significant role in improving energy structure, coping with climate change and enhancing national energy security. By the end of ...

In this study, we use a state-of-the-art IAM that includes provincial details of China, the Global Change Analysis Model-China (GCAM-China), with the ability to capture complex cross ...

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London and New York, March 17, 2025 - Wind turbine installations hit a record for a second year in 2024, driven by rapid growth in mainland China, according to a new report by research provider ...

The China Wind Energy Market is expected to reach 0.64 thousand gigawatt in 2025 and grow at a CAGR of 13.40% to reach 1.20 thousand gigawatt by 2030. ENVISION GROUP, Xinjiang ...

Wind Energy Market Size The global wind energy market size was valued at USD 174.5 billion in 2024 and is expected to grow more than 11.1% from 2025 to 2034. Major developments across Asia, ...

China has made at least 124 investments in solar and wind industries in 33 countries over the past decade. Of the investments for which data were available, the cumulative value ...

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