

Gongling Company

Wind Power Generation

How did Goldwind impact China's Wind power industry?

Goldwind took the opportunity of China's reform and opening up to explore global wind power market. After years of exploration, Goldwind began the research and development on wind turbine manufacturing technologies, heralding a new erafor China's wind turbines manufacturing. Goldwind entered a new stage of rapid development.

Who is the world's leading wind turbine supplier?

China's Goldwindmaintained its position as the world's leading wind turbine supplier. The company commissioned 16.4GW of projects last year,95% of which were in its home market. The record new build in China also propelled Envision, another local player, to second place, adding 15.4GW.

Who commissioned the most wind turbines in China last year?

Xinjiang Goldwind Science & Technology (SHE:002202) retained the top spot with 16.4 GW of projects commissioned last year. Envision Energy rose to second place with 15.4 GW, while Denmark's Vestas Wind Systems A/S (CPH:VWS) ranked third with 13.4 GW. Windey and Mingyang rounded off the top five.

Are Chinese wind turbines the world's top five wind turbine manufacturers?

"It's no surprise that Chinese turbine makers dominate the top fivein our ranking, as buildout of gigawatt-scale wind projects and an end to pandemic restrictions sent installations soaring last year," said Cristian Dinca, wind analyst at BloombergNEF and lead author of its 2023 Global Wind Turbine Market Shares report.

What is the global market share of Goldwind wind turbines?

It also achieved a global market share of about 15% with newly installed capacity of 12.7GW, also ranking first in the global market. Goldwind wind turbines are continuously delivering clean energy to societies around the world. The 100GW of installed capacity is equivalent to 11% of the world's wind power installed capacity.

Is Goldwind the first Chinese WTG manufacturer to reach 100GW?

This makes Goldwindthe first Chinese WTG manufacturer to reach this milestone. To celebrate this historic occasion, Goldwind held an event to mark the 100GW global installed capacity milestone and launched the new models GWH221-8.X-10 and GWH24X-12.X, setting Goldwind on a new development journey.

Considering the inherent variability and uncertainty of wind power generation, in this study, a self-organizing map (SOM) combined with rough set theory clustering technique (RST) is proposed ...

With offices and facilities throughout Asia, Europe and the Americas, Goldwind employs over 6,000 staff and, combined, has an installed capacity base of 38 gigawatts (GW) across six continents. Goldwind is principally engaged in research, development, manufacturing and marketing of large-sized wind turbine generator sets.



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The company's major products include 1.5MW, 2.0MW, 2.5MW, and 3MW(S) Permanent Magnet Direct-Drive (PMDD) wind turbine generators...



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