

Leading upstream enterprise of wind power generation

What is a wind power industry chain?

The development of the wind power industry has led to the formation of an industry chain where its components form a complete and dynamic cycle i.e. the upstream enterprises provide products and services to the downstream enterprises; while the upstream enterprises obtain feedback information from the downstream enterprises.

Who funded the research in the wind power industry chain?

This research was funded by the Chinese National Funding of Social Sciences(19BJY074). There are no offers available at the current time. Firstly, on the basis of literature research, sort out and summarize the critical coupling relationship among the upstream, middle, and downstream enterprises in the wind power industry chain. Seco...

What is the difference between upstream and midstream wind turbine companies?

The upstream enterprises mainly supply accessories for wind turbines, specializing in wind components such as blades, towers, and generators, while the midstream enterprises mainly focus on the manufacturing of wind turbines. Financial data of these companies from 2005 to 2020 were then collected.

What is wind power development?

Wind power development involves a wide range of industries including consulting, research and development, manufacturing, construction, operation and electric power transmission. All of these form a type of industry chain based on their supply relationships and economic and technical links.

How can China's Wind power enterprises develop a value chain?

With the global wind power market competition increasing, China's wind power enterprises need to examine their positions in the process of the value chain according to both market requirements and the development of competitors, and try to locate opportunities in the wind power industry value chain based on their own advantages. Fig. 6.

Who is the largest wind power company in Europe?

The first European cluster is led by Vestas(Denmark), which represents the global market leader with the most extended firm history in wind power generation, compared to other sample firms of our study (En:former, 2021; Vestas, 2021b).

The large offshore wind resource available near China's eastern coastline, in the East China and South China Seas, close to load centres, grid and wind power balancing generation are strong incentives for shallow water ...

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The suitability of using an upstream deflector to improve the efficiency of a vertical axis wind turbine is presented in this study. A two-dimensional vertical axis wind ...

Analysis of wind turbines has traditionally focused on either single wind turbines with varying wind dynamics or large wind farms with simple wind dynamics. 1 Extending these ...

The International Renewable Energy Agency points out that in the past 10 years, the average kilowatt-hour cost of global wind power and photovoltaic power generation have decreased by more than 60 ...

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wind and photovoltaic power generation. Compared with the other three large power enterprises, Jilin Power shares gross margin still has a large gap. Based on the regular reports of these ...

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