

Analyzing the Wind Power Industry in China

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Abstracts

China's rapid economic growth and heavy reliance on increasingly expensive foreign oil, the vast environmental toll that is one of the most apparent costs of China's economic success, persistent rural poverty in China and periodic power shortages all have impressed upon the Chinese government that renewable energy must be a large part of China's economy if China is to both complete its economic transformation and achieve "energy security". China rapidly has moved along the path of renewable energy development.

In the near-term China plans to develop 120000 MW's of renewable energy by the year 2020; this would account for 12% of China's total installed energy producing capacity. China's growth target for renewable energy production will require an investment of approximately 800 billion Yuan (~US\$100 billion) by 2020.

At the end of 2007, wind power in China accounted for less than one per cent of electricity production in the country, with an installed capacity of just over 6 gigawatts (GW). China is the fifth largest producer of wind power, after Germany, the United States, Spain, and India.

Installed capacity of wind power in China increased 1040 MW or 82.5% from the end of 2005 to the end of 2006. Of the total of 80 wind farms presently operating in China, the China Longyuan Electric Power Group Corp. operates 32 wind farms in China; these 32 wind farms have 952 wind turbines that cumulatively have installed capacity of 780MW, or approximately 30% of total wind generating capacity in China.

Aruvian's R'search presents its research report – Analyzing the Wind Power Industry in China – a highly comprehensive research compilation of the booming wind power industry in China. The report also provides a look at China's energy industry and a brief profile of the global wind power industry.

The report, *Analyzing the Wind Power Industry in China*, explores the importance of wind power in today's world. The report looks at the basics of the wind energy industry, economics, issues and barriers, and other such factors. Case studies included in the report analyze the wind power industry in the various provinces of China.

Aruvian's offering includes a complete analysis of the Chinese Wind Power Energy Industry, including an analysis of the companies operating in the industry, the regulatory framework in place, an industry profile, industry developments, challenges facing the industry, technological developments in turbines, and lots more information is included.

A comparative analysis of the wind power industry in China, India, & Spain is also included in the report, along with an analysis of the wind turbine manufacturing industry in China.

This research offering from Aruvian is a comprehensive A to Z guide on China's wind power industry.

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SECTION 4: CONCLUSION

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