

# Wind Turbine Market in India 2014

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## Abstracts

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Netscribes' latest market research report titled Wind Turbine Market in India 2014 mentions that renewable energy is gaining prominence within the country. Wind energy accounts for majority of the renewable energy generated in the country. With India facing continuous shortfall in the supply of energy required to cater to the demands of its growing population through conventional sources, the focus is shifting from conventional to renewable sources of energy. As more and more wind power projects are being planned for this reason, the market for wind turbines is also expected to grow. Various other reasons such as high prices and the lack of easy availability of raw materials for generating electricity through thermal plants are also responsible for driving growth within the market. However, the government's decision to withdraw various schemes that provided several incentives to wind energy producers in the past is having a negative impact on the market's growth. Off-shore wind energy generation, hybrid generators such as solar photovoltaic, wind and diesel as well as the advent of small wind turbines are some of the key trends that are being witnessed in the industry at present.

Several government and industry bodies are working towards the development of the market and various policy and regulatory incentives are being provided to wind energy producers. However, the market remains import dependent. Majority of the players operating in the market are foreign companies and there is stiff competition among these players. The advancements in technology and the resultant reduction in costs will ensure that the market will grow steadily over the next few years.

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### Market

Wind Energy has been the fastest growing renewable energy sector in the country till FY2012

With a cumulative installed capacity of over 'm' GW (by Dec 2012) wind power currently accounts for almost 'p'% of the total installed capacity in the renewable energy sector

The wind turbine sector is forecasted to grow at a CAGR of x% to reach 'm' GW by 2018

The market has slumped currently due to withdrawal of the flagship Scheme A and Scheme ? by the Government

### Drivers

Huge Untapped Wind Power Potential

India remains Energy Deficient

Global Drive towards Clean Energy

Volatile Oil Prices

Depleting Coal Reserves

### Challenges

Withdrawal of GBI and AD Schemes

Rise in Raw Material Prices

Land Acquisition Problems

## **Regulatory Bodies**

Major Regulatory Bodies & their roles

Policy and Regulatory Incentives

## **Trends**

Potential of Off-Shore Capacity

Vertical Integration

Hybrid Generators

Advent of Small Wind Turbines

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