+357 96 030922
info@marketpublishers.com

Global Wind Turbine Industry – Statistics, Small Wind Turbine Market Analysis, Value Chain Analysis & Forecast 2001-2020

https://marketpublishers.com/r/G736AC94642EN.html
Date: December 2015
Pages: 655
Price: US$ 1,500.00 (Single User License)
ID: G736AC94642EN

Abstracts

As the world moves towards a future of generating energy primarily from renewable energy sources, there is no doubt that wind power has become one of the fastest growing technologies amongst the various other renewable energy resources available today. Wind power has quickly become a commercial generating technology and with the advancements made in the designing of wind turbines and other technological improvements, the market for wind energy has also grown in terms of efficiency, reliability and power ratings.

Wind turbines have become an important part of the global energy market today and the growth in the global wind turbine market has created a favorable push for wind power. Driven by equally favorable government policies and regulations along with rising concerns for climate change worldwide, the market for wind turbines has seen rapid growth in recent years. Despite the economic crisis of 2008-2009, the wind turbine market continued to grow concentrated in few countries like China, Germany, the United States, Spain and India. These countries account for nearly 75% share of the global wind turbine market. Similarly, the major regions that drive the global installations of wind turbines include Europe, Asia Pacific and North America.

While there are many reports on the wind power industry, Aruvian Research brings a highly comprehensive research report on the Global Wind Turbine Industry that covers not only an overview of the global wind energy industry, but also takes a look at the global wind turbine industry, the global small wind turbine industry, carries out a value chain analysis of the global wind turbine industry and provides forecast, industry trends as well as opportunities – all in one report.

+357 96 030922
info@marketpublishers.com

Divided into six sections, the report is one of its kind offering on an in-depth analysis of the global wind turbine market. Section 1 analyzes the global wind energy industry and wind power technology. We look at the types of turbines, turbines size and efficiency factors, offshore wind turbines, lifetime of a turbine and how globalization has impacted the wind turbine market.

The global wind energy industry is analyzed through a market profile and statistics, wind energy generation statistics, industry segmentation, a look at the global offshore wind market, electricity generation from wind power by segments and by regions and countries, the cost of generating electricity from wind power, etc. Investment in wind power and trends in the global wind power market are also analyzed in this section.

Outlook for the global wind power industry looks at industry forecast for the global market, for the Asian market, Europe, North America, Latin America, Africa and the Middle East and the Pacific region.

Section 2 of the report analyzes the global wind turbine industry beginning with a look at the components of a wind turbine and the common wind turbine models.

Analysis of the global wind turbine industry is carried out through a market overview, an analysis of the global installations of wind turbines, market size analysis, industry value analysis, a look at the turbine sizes used in the industry, etc. We also provide a regional overview of the industry, a market share analysis and a brief overview of industry infrastructure.

Cost analysis is carried out through an analysis of a mid-sized wind farm, cost of wind turbines, various impacts on cost, etc. Impacts on the global wind turbine industry such as challenges and factors driving the industry are also analyzed in the report.

The wind turbine market in Asia Pacific is analyzed through a market overview/statistics, wind turbine installations in Asia Pacific, and an analysis of the key markets in Asia Pacific, namely, China and India. Both the wind turbine markets in China and India are analyzed through a market overview, wind turbine installed capacity and market value, turbine size analysis, turbine cost analysis, regulatory framework in the countries, and a market share analysis.

Moving on, the wind turbine market in Europe is analyzed through market statistics, installation data of wind turbines and an analysis of the key wind turbine markets in Europe, namely, France, Germany, Italy and Spain. Each of these markets are further

+357 96 030922
info@marketpublishers.com

analyzed through a market overview, wind turbine installed capacity and market value, turbine size analysis, turbine cost analysis, regulatory framework in each country and a market share analysis.

Similarly, key markets analyzed with the same criteria in North America include Canada and the United States.

Section 3 of the report analyzes the Global Small Wind Turbine (SWT) Market beginning with defining the market for small wind turbines and comparing SWTs with large wind turbines. We also analyze the technology associated with small wind turbines such as vertical and horizontal axis wind turbines, hybrid electric systems, etc. Major small wind turbine models and their technical specifications are analyzed in this sections, followed by major technology trends in the global small wind turbine market.

Analysis of the global small wind turbine market is carried out through an industry overview, installed capacity of small wind turbines worldwide, power generated from SWTs and a cost analysis. Markets trends and a market share analysis is also included.

Impacts on the global small wind turbine industry such as industry challenges and factors driving the industry are also looked at in the report.

Key small wind turbine markets analyzed in the report include Canada, China, Denmark, Germany, India, Spain, United Kingdom and the United States. Each of these markets is analyzed through an industry overview, SWT installed capacity, power generated from SWTs, market revenues and cost analysis, turbine size and power range in the market, and regulations governing/impacting the market.

Section 4 of the report analyzes the wind turbine value chain in which we look at the various parts of a wind turbine such as gearboxes, generators, rotor blades and wind turbine towers.

The market for wind turbine gearboxes is analyzed through an overview, reliability issues are looked at, the advent of the gearless wind turbine, statistics of the global wind turbine gearbox market, industry size, production of gearboxes worldwide, cost of gearboxes, market trends, market share analysis and a competitive scenario.

The market for wind turbine generators is analyzed through an overview, types of generators used for wind turbines, an overview of the global wind turbine generator market, production statistics, industry size, cost analysis, market trends and a

+357 96 030922
info@marketpublishers.com

competitive analysis of the market.

The market for wind turbine rotor blades is analyzed through an overview, manufacturing process of rotor blades, an overview of the global market along with an analysis of the industry size, production of rotor blades, cost analysis, market trends and a competitive analysis.

The market for wind turbine towers is analyzed through an overview, impact of turbine height, types of wind turbine towers, an overview of the global market, industry size analysis, cost analysis, market trends and an analysis of the industry competition.

This completes the analysis of the value chain of the global wind turbine industry.

Section 5 of the report carries out an analysis of over 60 major players that are part of the global wind turbine industry such as ABB ltd., Acciona SA, Alstom, China Ming Yang Wind Power Group, Dong Energy, Vestas, Gamesa, Suzlon, Siemens AG and many others. Each of these major players is analyzed through a corporate profile, an analysis of their business segments, a financial analysis and a SWOT analysis.

Concluding the report, section 6 provides a glossary of terms and a research methodology for the report.

Aruvian Research's report Global Wind Turbine Industry - Statistics, Small Wind Turbine Market Analysis, Value Chain Analysis & Forecast 2001-2020 is a complete analysis of the global wind turbine market for the years 2001 till 2020.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Wind Turbine Industry – Statistics, Small Wind Turbine Market Analysis, Value Chain Analysis & Forecast 2001-2020

Product link: https://marketpublishers.com/r/G736AC94642EN.html

Price: US$ 1,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G736AC94642EN.html