

Analyzing Trends in the Global Wind Power Industry

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Abstracts

As demand on finite petroleum reserves and the price of the fuels derived from them continues to rise, renewable forms of energy are becoming more cost-effective and profitable. In the forefront of this renewable revolution is harnessing the sustainable power of wind.

Today it is one of the most positive developments created by the present storm of uncertainty unleashed as a result of escalating oil prices, climate change, environmental degradation, dwindling fossil fuel stocks and dependence on foreign energy supplies.

In the last two decades, wind energy has really come up in a big way and latest studies indicate that it will keep on developing this year. Today a single modern wind turbine annually produces 180 times more electricity and at less than half the cost per kilowatt-hour (kWh) than its equivalent of 20 years ago.

In fact the future looks really bright for wind energy and in the next 10 years, it is set to emerge as one of the fastest growing segment within the energy industry. By the end of 2017, it is estimated that over 718,000 MW of wind power will be installed, and the United States and China would be leading from the front.

A strong wind energy sector does not only mean reduced CO₂, cleaner air, and secure biodiversity. It also means sustainable economic growth, reduced energy import dependence, high quality jobs, technology development, global competitiveness, and industrial and research leadership – and with wind being in the rare position of being able to satisfy all these requirements, it is not surprising that more and more countries are actively looking at this clean source of renewable energy.

Historically, the European region has been leading the world in wind energy technology, but though currently it leads wind energy development worldwide, this lead has reduced

in recent years as other regions of the world are discovering the economic potential of the technology.

Aruvian's R'search presents *Analyzing Trends in the Global Wind Power Industry* – an analysis of the major trends as observed in the wind power industry worldwide. The report, further to covering the major trends, also analyzes the major global markets in terms of industry statistics, market developments, offshore wind power developments, major wind turbine markets and players, and much more.

This research report also takes a look at the economic feasibility of wind power, and the increasing employment statistics of this industry. Market strategies, future trends, industry highlights and developments, constraints in the industry, are some of the highlights included in the report *Analyzing Trends in the Global Wind Power Industry*.

Contents

A. EXECUTIVE SUMMARY

B. INTRODUCTION TO WIND POWER

B.1 A Clean Green Energy – Wind Power

B.1.1 What is Wind Power?

B.1.2 How does it Work?

B.2 Brief History of Wind Power

B.3 Electricity from Wind

B.4 How do Wind Turbines Work?

B.5 Wind Power Technology

B.6 Wind Power Markets

B.7 Accommodating the Variable Nature of Wind Power

B.8 Environmental Impact

C. GROWTH DRIVERS & CHALLENGES FOR WIND ENERGY

C.1 Supply Security

C.2 Environmental Potential

C.3 Climate Change & Wind Power

C.3.1 Clean Development Mechanism

C.3.2 Wind Energy CDM Projects

C.4 Economic Feasibility

C.5 Employment & Development of Rural Areas

C.6 Renewable Quotas

C.7 Diversification of Portfolio

C.8 Technology

D. INDUSTRY TRENDS FOR 2010

E. THE GLOBAL WIND MARKET

E.1 Present-day Market Scenario

E.2 General Situation

E.3 Leading Wind Markets

E.4 Increasing Growth Rates

E.5 Looking at Continental Distribution

- E.6 World Wind Resources
- E.7 Looking at Africa
- E.8 Looking at Asia
- E.9 Looking at Australia and Oceania
- E.10 Looking at Europe
- E.11 Looking at Latin America
- E.12 Looking at North America
- E.13 The Future Scenario
 - E.13.1 Rising Importance of Wind Energy
 - E.13.2 Global Outlook Scenarios
 - E.13.3 Costs & Benefits
 - E.13.4 Investment
 - E.13.5 Generation Costs
 - E.13.6 Employment
 - E.13.7 Wind Energy Outlook from Energy Watch Group
 - E.13.8 Global Wind Turbine Market

F. GLOBAL TRENDS

- F.1 Overall Industry Trends
- F.2 Technology Trends

G. TRENDS IN MARKET STRATEGIES

- G.1 Europe
- G.2 Asia
- G.3 United States
- G.4 Global Offshore Wind Energy Strategies
 - G.4.1 Market Environment
 - G.4.2 Global Offshore Wind Power Markets, 2007-2020
 - G.4.3 Competitive Trends in Offshore Wind Development
 - G.4.4 Competitive Trends in Offshore Wind Supply

H. TRENDS IN THE TOP GLOBAL MARKETS

- H.1 Overview
- H.2 United States of America
 - H.2.1 Trends to Watch Out for in 2010
- H.3 Europe

- H.3.1 Overview
- H.3.2 Present-day EU Legislative Framework for Wind Energy
- H.3.3 Future EU Legislative Framework for Wind Energy
- H.3.4 Wind Energy in 2030
- H.3.5 Offshore Wind Market
- H.3.6 Market Outlook: 2010 and Beyond
- H.3.7 Trends: Turbines, Foundations, Water Depth and Distance to Shore
- H.3.8 Financing Highlights and Developments
- H.3.9 Industry Highlights and Developments
- H.3.10 Offshore Supergrid Developments
- H.3.11 The European Wind Energy Technology Platform
- H.3.12 Looking at France
- H.3.13 Looking at Germany
- H.3.14 Looking at Italy
- H.3.15 Looking at Spain
- H.3.16 Looking at Sweden
- H.3.17 Looking at the United Kingdom
- H.4 Trends in the Australian Wind Power Market
 - H.4.1 Overview
 - H.4.2 Policy Environment
 - H.4.3 Certified Wind Farms Australia
- H.5 Trends in the Brazilian Wind Power Market
 - H.5.1 Overview
 - H.5.2 Policy Environment for Wind in Brazil
- H.6 Trends in the Chinese Wind Power Market
 - H.6.1 Overview
 - H.6.2 10 GW-Size Wind Base Program
 - H.6.3 Price Rationalization
 - H.6.4 Renewable Energy Premium
 - H.6.5 Challenge of Grid Constraints
 - H.6.6 Policies to Stimulate Domestic Manufacturing
 - H.6.7 Offshore Wind Market
- H.7 Trends in the Egyptian Wind Power Market
 - H.7.1 Overview
 - H.7.2 Grid Infrastructure
 - H.7.3 Policy Development and Investment Opportunities
- H.8 Trends in the Indian Wind Power Market
 - H.8.1 Overview
 - H.8.2 Policy Environment for Wind Energy in India

H.8.3 Feed-In Tariffs in India

H.8.4 Development of a Domestic Industry and Foreign Investment

H.9 Trends in the Japanese Wind Power Market

H.9.1 Overview

H.9.2 Policy Framework

H.9.3 Wind Power Market

H.9.4 Wind Turbine Market in Japan

H.10 Trends in the Mexican Wind Power Market

H.10.1 Overview

H.10.2 Mexican Energy Reform Bill

H.10.3 Wind Energy Pipeline

I. APPENDIX

J. GLOSSARY OF TERMS

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