

Analyzing the US Wind Power Industry

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Abstracts

The rise of wind energy is no longer being looked upon as an alternate source of energy.

The United States is a leader in the field of wind energy and the US in 2010 was the second largest user of wind energy in the world, just behind China. In fact, the US had over 40,000 megawatts of installed capacity of wind power by the end of 2010.

Aruvian's R'search presents an analysis of the US Wind Power Industry in its research report Analyzing the US Wind Power Industry. In this research offering, we carry out an in-depth analysis of the wind power market in the United States.

We begin with an analysis of the market profile, market statistics, wind power generation by state, installed capacity growth, analysis of wind resources in the US, and many other points that are important for investors looking to invest in the US wind power sector.

This report also undertakes a cost analysis of wind power in the US, along with an analysis of the major market trends and challenges facing the industry.

The small wind turbines market in the US is analyzed comprehensively in this report as well and includes a market profile, market statistics, the emergence and importance of hybrid small wind turbines, very small wind turbines, wind-diesel hybrid turbine systems, and the economics of small wind turbines. The section also covers the various factors that have an impact on the US SWT market, regulations pertaining to the small wind turbine market, and market trends.

We analyze the market for micro wind generation in the US as well. This brief section includes a technical analysis of micro wind generation in the US.

Following the analysis of the overall US wind power market, we move on to analyze wind power markets in the US on a state level. States analyzed in this section include Arizona, California, Colorado, Illinois, Indiana, Iowa, Kansas, Maine, Massachusetts, Minnesota, Montana, New Hampshire, New York, Ohio, Oregon, Pennsylvania, Texas, Vermont, Washington, and Wyoming.

Major wind farms in the US such as the Biglow Canyon wind farm, the Brazos wind ranch, the Fenton wind farm, and many others are also analyzed, along with an in-depth market outlook for the wind power sector in the US.

Major players in the US wind power industry including both domestic and foreign players are analyzed. Companies analyzed include Acciona SA, Airtricity, Clipper Windpower, Blue H Group Technologies, E.ON, Iberdrola, Mitsubishi Heavy Industries, REpower AG, Suzlon, Vestas, and many more.

Contents

A. EXECUTIVE SUMMARY

B. WIND POWER MARKET IN THE US

- B.1 Industry Overview
- B.2 Wind Power Generation by State
- B.3 Installed Capacity Growth
- B.4 Wind Resources in the US
- B.5 Transmission and Integration of Wind Power
- B.6 Electrical Energy Generated by Wind
- B.7 Ramping Up of Manufacturing Capacity
- B.8 Traditional Electricity Generation versus Wind Power
- B.9 Market for Wind Turbine Manufacturing
- B.10 Federal Production Tax Credit for Wind Power
- B.11 DOE Wind Program
- B.12 Offshore Wind Power Market

C. WIND POWER IN THE US: SWOT FRAMEWORK ANALYSIS

- C.1 Strengths to Build Upon
- C.2 Weaknesses to Overcome
- C.3 Opportunities to Exploit
- C.4 Threats to Overcome

D. ROLE OF WIND IN THE ENERGY INDUSTRY

E. COST OF WIND POWER

- E.1 Overview
- E.2 Finding Alternative Investment for Wind Power

F. WIND POWER IN THE US – MARKET TRENDS

- F.1 Rising Demand for Energy
- F.2 Global Climate Change
- F.3 Renewable Quota System
- F.4 Rising Cost Competitiveness

F.5 Offshore Wind Power Trends

F.6 Emergence of Merchant Wind Plants

F.7 Emergence of “Inside the Fence” Projects

G. BARRIERS FACING THE US WIND POWER MARKET

G.1 Permitting Challenges

G.2 Restrictions on Transmission

G.3 Risk Aversion

H. SMALL WIND TURBINES MARKET IN THE US

H.1 What is a Small Wind Turbine?

H.2 Applications of Small Wind Turbines

H.2.1 Overview

H.2.2 Grid-Connected Applications

H.3 Small Wind Turbine Market in the US

H.4 Emergence of Hybrid Small Wind Turbines

H.5 Emergence of Very Small Wind Turbines

H.6 Role of Wind-Diesel Hybrid Turbine Systems

H.7 Economics of Small Wind Turbines

H.8 Factors Affecting the US SWT Market

H.8.1 Regulatory Incentives

H.8.2 Certification Processes

H.8.3 External Investment

H.8.4 Poor Zoning/Permitting Practices

H.8.5 Better Technology for Resource Assessment

H.8.6 Consolidation in the Industry

H.8.7 Economic Conditions

H.8.8 Strong Dealer Networks

H.9 Regulatory Framework

H.9.1 FERC Ruling

H.9.2 Federal Renewable Electricity Standard

H.9.3 Government Incentives

H.10 Role of PACE Bonds in the US Market

H.11 Cost of Electricity and Role of Small Wind Turbines

H.12 Utility Policies Impacting the Market

H.13 Market Trends

I. MICRO WIND GENERATION IN THE US

I.1 Overview

I.2 Microgrid and Micro Wind Generator

I.3 Measurement, Communication and Monitoring (MCM) System

I.3.1 Technical Specifications

I.4 Conclusion

J. WIND POWER IN THE US – ANALYSIS BY STATE

J.1 Arizona

J.2 California

J.3 Colorado

J.4 Illinois

J.5 Indiana

J.6 Iowa

J.7 Kansas

J.8 Maine

J.9 Massachusetts

J.10 Minnesota

J.11 Montana

J.12 New Hampshire

J.13 New York

J.14 Ohio

J.15 Oregon

J.16 Pennsylvania

J.17 Texas

J.18 Vermont

J.19 Washington

J.20 Wyoming

K. MAJOR WIND FARMS

K.1 Altamont Pass Wind Farm

K.2 Alta Wind Energy Center

K.3 Benton County Wind Farm

K.4 Biglow Canyon Wind Farm

K.5 Big Horn Wind Farm

K.6 Blue Canyon Wind Farm

- K.7 Blue Sky Green Field Wind Farm
- K.8 Brazos Wind Ranch
- K.9 Buffalo Gap Wind Farm
- K.10 Buffalo Ridge Wind Farm
- K.11 Capricorn Ridge Wind Farm
- K.12 Cedar Creek Wind Farm
- K.13 Desert Sky Wind Farm
- K.14 Dutch Hill/Cohocton Wind Farm
- K.15 Enbridge Ontario Wind Farm
- K.16 Fenton Wind Farm
- K.17 Forward Wind Energy Center
- K.18 Fowler Ridge Wind Farm
- K.19 Glacier Wind Farm
- K.20 Green Mt. Energy Wind Farm
- K.21 Gulf Wind Farm
- K.22 Hackberry Wind Project
- K.23 Horse Hollow Wind Energy Center
- K.24 Intrepid Wind Farm
- K.25 Judith Gap Wind Farm
- K.26 Kibby Wind Power Project
- K.27 King Mountain Wind Farm
- K.28 Klondike Wind Farm
- K.29 Lone Star Wind Farm
- K.30 Locust Ridge Wind Farm
- K.31 Maple Ridge Wind Farms I and II
- K.32 Marengo Wind Farm
- K.33 Meadow Lake Wind Farm
- K.34 Milford Wind Corridor Project
- K.35 Mount Storm Wind Farm
- K.36 New Mexico Wind Energy Center
- K.37 Panther Creek Wind Farm
- K.38 Peetz Wind Farm
- K.39 Pe?ascal Wind Farm
- K.40 Pioneer Prairie Wind Farm
- K.41 Roscoe Wind Farm
- K.42 San Gorgonio Pass Wind Farm
- K.43 Sherbino Wind Farm
- K.44 Shiloh Wind Farm
- K.45 Smoky Hills Wind Farm

K.46 Stateline Wind Project
K.47 Story County Wind Farm
K.48 Streator Cayuga Ridge South Wind Farm
K.49 Sweetwater Wind Farm
K.50 Tatanka Wind Farm
K.51 Tehachapi Pass Wind Farm
K.52 Trent Wind Farm
K.53 Twin Groves Wind Farms I and II
K.54 Walnut Wind Farm
K.55 Wethersfield Wind Park
K.56 Whispering Willow Wind Farm
K.57 Windy Point/Windy Flats
K.58 White Creek Wind Power Project
K.59 Wild Horse Wind Farm
K.60 Wildorado Wind Ranch

L. WIND POWER IN THE US: MARKET OUTLOOK

M. MAJOR PLAYERS IN THE US WIND POWER INDUSTRY

M.1 Acciona SA
M.2 Airtricity
M.3 American Electric Power Company, Inc.
M.4 Alstom
M.5 AREVA SA
M.6 Blue H Group Technologies Ltd
M.7 Bornay
M.8 Clipper Windpower, PLC
M.9 EDF Energies Nouvelles
M.10 Emergya Wind Technologies
M.11 Energie Baden-Wuerttemberg AG (EnBW)
M.12 Energia Hidroelectrica de Navarra (EHN)
M.13 E.ON
M.14 First Wind (Formerly UPC Wind)
M.15 Forewind Limited
M.16 Gamesa Corporaci?n Tecnol?gica
M.17 GE Wind Power
M.18 Horizon Wind Energy
M.19 Iberdrola Renovables

M.20 LM Wind Power
M.21 MidAmerican Energy Holdings Company
M.22 Mitsubishi Heavy Industries
M.23 NextEra Energy Resources
M.24 Nordex AG
M.25 REpower AG
M.26 RWE AG
M.27 Siemens Wind Power
M.28 Statkraft
M.29 Statoil ASA
M.30 Suzlon Energy Limited
M.31 Vattenfall
M.32 Vestas Wind Systems, AS
M.33 Windflow Technology, Ltd

N. APPENDIX

O. GLOSSARY OF TERMS

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