Global and China Wind Farm O&M Industry Report, 2017-2021

Feb.2017

ResearchInChina
www.researchinchina.com

ResearchInChina

The Vertical Portal for China Business Intelligence

STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

- To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080
Phone: +86 10 82600828 ● Fax: +86 10 82601570 ● www.researchinchina.com ● report@researchinchina.com

Abstract

As the wind power installed capacity grows and the warranty period of a large number of wind turbines is coming to an end, wind farm O & M has become the focus of the industry. In 2016, the global wind farm O & M market size jumped 12% year on year to about USD10.75 billion; in 2021, the size will rise to USD18.612 billion.

China is the world's largest wind farm O & M market, with the market size of about USD2.716 billion and making up 25.3% of the global total in 2016. Given a rising number of wind turbines whose warranty period expires, China's wind farm O & M market size is anticipated to keep an AAGR of 13% during 2017-2021 and hit USD5.021 billion by 2021.

Source: Global and China Wind Farm O&M Industry Report, 2017-2021 byResearchInChina

At present, Chinese wind farm O & M market still centers on regular maintenance and breakdown maintenance, which share more than 45% together. With the continuous introduction of new technologies and products, state maintenance will be the main development trend of the future wind farm O & M.

Currently, players in the Chinese wind farm O&M market can be mainly divided into three types: wind turbine manufacturers, wind farm developers and third-party O&M companies. In 2016, wind farm developers represented by Concord New Energy and Longyuan Power enjoyed the lion's share --74%, followed by wind turbine manufacturers such as Goldwind, Ming Yang Wind Power, United Power and SinovelWind Group with 15% and third-party O&M companies (still a small scale) including EULIKIND, Han Energy Technology and CLCP with 11%.

Additionally, under the impetus of the Internet, big data, intelligent manufacturing and other policies, the major companies have begun to deploy wisdom O & M systems in the past two years. Goldwind launched the integrated digital wisdom wind farm O & M management model in 2016 to serve a number of wind farms around the world with operational services. United Power has built a remote data monitoring center based on the cloud platform in Beijing. Sharing, intelligence and concentration will be the main direction of the future wind farm O & M.

Global and China Wind Farm O&M Industry Report, 2017-2021 by ResearchInChina focuses on the following:

◆Global wind power installed capacity and distribution; China's wind power installed capacity, regional structure, offshore wind power development and corporate structure;
◆Global wind farm O & M market size and geographical distribution; development of European wind farm O & M market;
◆Chinese wind farm O & M market size, cost analysis and competitive landscape and development trends;
◆Operation and development strategies of 18 major global and Chinese wind farm O & M companies.

ResearchInChina

The Vertical Portal for China Business Intelligence

Table of contents

Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080
Phone: +86 10 82600828 ● Fax: +86 10 82601570 ● www.researchinchina.com ● report@researchinchina.com

Selected Charts

- Major Business Sectors in Wind Power Service Industry
- Structure of Global Wind Farm O&M Market by Type of Service, 2013 vs 2021E
- Global Newly-installed Wind Power Capacity, 2008-2021E
- Global Cumulative Installed Wind Power Capacity, 2008-2021E
- Cumulative Installed Wind Power Capacityin Top 10 Countries and Percentages, 2016
- Global Wind Power Installed Capacity (by Region), 2016
- Global Offshore Wind Power Installed Capacity, 2011-2016
- Newly-installed and Cumulative Wind Power Capacity in Germany, 1992-2016
- Installed Wind Power Capacity in Germany (by Region), 2016
- Cumulative Installed Wind Power Capacity in Spain, 2005-2016
- Cumulative Installed Wind Power Capacity in USA, 2004-2016
- Cumulative Installed Wind Power Capacity in USA (by Region), 2016
- Cost Per Kw.h of Mainstream Wind Power Turbines in the United States, 2006-2016
- Annual Wind Capacity Addition in India, 2012-2018E
- Increasing Comfort of Global Institutional Customers in India Wind, 2016
- Development Course of Chinese Wind Turbine Generators, 1980-2020E
- Average Power of Newly-installed and Cumulatively-installed Wind Power Generation Units in China, 1991-2016
- Installed Wind Power Capacity in China, 2007-2016
- Grid-connected Installed Wind Power Capacity in China, 2009-2016
- Newly-installed Wind Power Capacity Share (by Region) in China, 2015-2016
- Newly-installed Wind Power Capacity Trend (by Region) in China, 2012-2016
- Newly-installed Capacity Share of Wind Power Generating Units with Varied Power in China, 2016
- Cumulative Installed Capacity of Wind Power Generating Units with Varied Power in China, 2016
- Newly-installed Capacity of 1.5MW and 2.0MW Units, 2006-2016
- Wind Power Development Goal and Layout in China, 2010-2050E

Selected Charts

- Newly-installed and Cumulative Offshore Wind Capacity in China, 2007-2016
- China's First Franchise Offshore Wind Projects
- Cumulative Installed Wind Power Capacity of Chinese Offshore Wind Turbine Manufacturers, 2016
- Cumulative Installed Capacity of Offshore Wind Power by Generating Units with Varied Power in China, 2016
- Benchmark Feed-In Tariff for Wind Power in China, 2016-2018
- Newly-installed Capacity of Chinese Wind Turbine Manufacturers, 2016
- Market Share of Chinese Wind Turbine Manufacturers, 2016
- Domestic Market Concentration of Chinese Wind Turbine Manufacturers, 2013-2016
- Cumulative Installed Capacity of Chinese Wind Power Manufacturers, 2016
- Cumulative Market Share of Chinese Wind Power Manufacturers, 2016
- Market Share of Cumulative Wind Power Installed Capacity of Chinese Wind Farm Developers, 2016
- Cumulative Wind Power Installed Capacity and Market Share of Chinese Wind Farm Developers, 2016
- Newly-installed Wind Power Capacity of Chinese Wind Farm Developers, 2016
- Global Wind Farm O&M Market Size, 2008-2021E
- Global Wind Farm O&M Market Size Structure (by Region), 2015 vs 2025E
- Cost Growth Trend of Wind Farm O&M
- Cost Structure of Wind Power Service, 2014&2021
- European Wind Farm O&M Market Size, 2005-2020E
- European Wind Farm O&M Market Size (by Country), 2005-2020E
- Newly-added Installed Wind Power Capacity Coming into O&M in Europe (by Country), 2012-2020E
- Share of European Wind Farm O&M Market (by Type of Farm), 2011&2020E
- Share of European Wind Farm O&M Market (by Country and Type of Service Provider), 2016
- M&A Events of Major Wind Farm O&M Enterprises in the World, 2015-2016
- Number of Wind Turbines Out of Warranty, 2013-2021E
- Chinese Wind Farm O&M Market Size, 2008-2017

Selected Charts

- Annual Operating Costs of A 50MW Wind Farm
- Cost Structure of Wind Power in China
- Operating Costs Structure of Onshore Wind Power in China
- Cost Per Kw.h Downtrend of Onshore Wind Power(Subdued Topography)in China, 2015-2025E
- Cost Per Kw.h Downtrend of Onshore Wind Power(Accidented Topography) in China, 2015-2025E
- Cost Per Kw.h Decline of Offshore Wind Power in China, 2015-2025E
- Prices of Wind Power Generating Units in China, 2004-2050E
- Wind Farm O&M Market Share (by Type of Companies) in China, 2016
- SWOT Analysis of Three Types of Competitors in Chinese Wind Farm O&M Market
- Wind Farm O&M Business of Major Wind Power Companies in China, 2016
- Name List of Main Wind Farm O&M Enterprises (Type of Wind Farm Developers) in China
- Name List of Main Wind Farm O&M Enterprises (Type of Wind Turbine Producers) in China
- Name List of Key Third-party Wind Farm O&M Enterprises in China
- Cost Estimation of Offshore Wind Power in China, 2016
- Global Wind Farm O&M Market Size, 2016-2021E
- China Wind Farm O&M Market Size, 2016-2021E
- Cost Roadmap of Onshore Wind Power in China, 2025E
- Global Footprint of Vestas
- Revenue and Net Income of Vestas, 2009-2016
- Order Intake of Vestas, 2015-2016
- Average Selling Price of Order Intake of Vestas, 2016-2016
- Revenue Structure of Vestas (by Business), 2012-2016
- Data about Key Orders of Vestas, 2012-2016
- Wind Turbine Shipments of Vestas (by Region), 2014-2015
- Revenue of Vestas (by Region), 2015-2016

Selected Charts

- Order Intake of Vestas (by Region), 2015-2016
- Order Intake of Vestas by Country, 2016
- Wind Farm O&M Order Backlog of Vestas, 2009-2016
- Vestas Service Revenue (Onshore and Offshore), 2012-2016
- Wind Farm O&M Orders of Vestas, 2016
- Capacity of Wind Turbines Served by Vestas (by Region), 2016
- Wind Turbine Shipment of Vestas in China, 2008-2015
- Subsidiaries of Vestas in China, 2016
- Revenue and Net Income of Gamesa, 2009-2016
- Order Book of Gamesa, 2015-2016
- Monthly Orders of Gamesa, 2016
- Order Book of Gamesa (by Region), 2014-2016
- Revenue Structure of Gamesa (by Product), 2013-2016
- Revenue Structure of Gamesa (by Region), 2013-2014
- Wind Turbine Sales Volume Structure of Gamesa (by Region), 2016
- Quarterly Sales Volume of Gamesa, 2015-2016
- Wind Farm O&M Business Revenue of Gamesa, 2010-2016
- Wind Farm O&M Fleet and Order Book of Gamesa, 2015-2016
- Gamesa Merger with Siemens Wind Power moving forward
- Operation of Gamesa in China, 2015
- Revenue of Gamesa in China, 2008-2016
- Percentage of Gamesa's Wind Turbine Sales Volume in China, 2012-2015
- Business Structure of SuzlonGroup
- R&D Bases of Suzlon
- Installed Capacity (by Region) of Suzlon, FY2016

Selected Charts

- Revenue and Net Income of Suzlon, FY2010-FY2017
- Order Book of Suzlon as of End-2016
- Wind Turbine Installations of Suzlon (by Quarter), FY2015-FY2017
- Revenue Structure of Suzlon (by Region), FY2014-FY2016
- OMS Business Revenue of Suzlon, FY2009-FY2017
- OMS Capability of Suzlon, 2016
- OMS Revenue of Suzlon, FY2017Q1-Q3
- Revenue of Suzlon in China, FY2014-FY2016
- Revenue and Net Income of GE, 2009-2015
- Operating Revenue Structure of GE (by Business), 2015-2016
- Operating Revenue Structure of GE (by Region), 2011-2015
- GE's Flexible Wind Farm Service Solutions
- Digital Enterprise of Siemens
- Revenue and Net Income of Siemens, FY2010-FY2017
- Operation of Siemens, FY2015-FY2016
- Operating Revenue Structure of Siemens (by Business), FY2014-FY2017
- Operating Revenue Structure of Siemens (by Region), FY2014-FY2017
- Operating of Siemens in China, 2015
- Revenue of Siemens in China, FY2009-FY2016
- Strategy of Siemens in China
- Revenue of Wind Power Division of Siemens, FY2011-FY2017
- Wind Power Business Operation of Siemens, FY2017Q1
- Order Backlog of Siemens' Wind Power Division, FY2011-FY2017
- Siemens' Acquisition on Gamesa in 2016
- Wind Farm O&M System of Siemens

Selected Charts

- Revenue and Net Income of Longyuan Power, 2009-2016
- Revenue Structure of Longyuan Power (by Business), 2013-2016
- Gross Margin of Longyuan Power (by Business), 2012-2015
- Six Wind Farm Bases of Longyuan Power
- O&M Costs of Longyuan Power, 2014-2016
- Revenue and Net Income of Goldwind, 2009-2016
- Wind Turbine Sales Volume of Goldwind (by Type), 2011-2016
- Operating Revenue Structure of Goldwind (by Product), 2014-2016
- Operating Revenue Structure of Goldwind (by Region), 2015-2016
- Gross Margin of Goldwind (by Product), 2011-2016
- Wind Farm Service Revenue of Goldwind, 2010-2016
- Revenue and Net Income of Tian Yuan New Energy Technology, 2010-2016
- Main Production Bases and Capacity of Ming Yang Wind Power, End-2015
- Revenue and Net Income of Ming Yang Wind Power, 2009-2016
- Wind Turbine Shipment of Ming Yang Wind Power, 2008-2015
- Revenue Structure of Ming Yang Wind Power (by Business), 2012-2015
- Revenue Structure of Ming Yang Wind Power (by Region), 2012-2013
- Wind Farm O&M Business System of Ming Yang Wind Power
- Wind Farm O&M Revenue of Ming Yang Wind Power, 2009-2015
- Regions Covered by EULIKIND's Services
- Revenue and Net Income of EULIKIND, 2014-2016
- Revenue Structure of EULIKIND (by Business), 2014-2016
- Gross Margin of EULIKIND (by Business), 2014-2016
- Name List and Revenue Contribution of EULIKIND'S Top 5 Customers, 2015
- Revenue and Net Income of Concord New Energy, 2009-2016

Selected Charts

- Revenue Structure of Concord New Energy (by Business), 2013-2016
- Revenue Structure of Concord New Energy (by Region), 2013-2016
- Wind Farm O&M Revenue of Concord New Energy, 2013-2016
- Revenue and Net Income of United Power, 2012-2015
- Wind Turbine Sales Volume of United Power, 2011-2014
- Wind Farm EPC Construction Flow of United Power
- Revenue and Net Income of CLCP, 2013-2016
- Revenue Structure of CLCP (by Business), 2014-2016
- Revenue and Net Income of Sinovel Wind Group, 2013-2016
- Development History of Han Energy Technology, 2008-2016
- Revenue and Net Income of Han Energy Technology, 2013-2016
- Revenue Structure of Han Energy Technology(by Product), 2015-2016
- Key Wind Farm O&M Projects of Gideon, 2006-2016
- Revenue and Net Income of East Environment Energy, 2012-2016
- Operating Revenue Structure of East Environment Energy(by Business), 2012-2016
- Wind Farm O&M System of East Environment Energy

ResearchInChina

The Vertical Portal for China Business Intelligence

How to Buy

You can place your order in the following alternative ways:

1.Order online at www.researchinchina.com

2.Fax order sheet to us at fax number:+86 10 82601570

3. Email your order to: report@researchinchina.com

4. Phone us at +86 10 82600828/ 82601561

Party A:			
Name:			
Address:			
Contact Person:		Tel	
E-mail:		Fax	

Party B:			
Name:	Beijing Waterwood Technologies Co., Ltd (ResearchInChina)		
Address:	Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080		
Contact Person:	Liao Yan	Phone:	86-10-82600828
E-mail:	report@researchinchina.com	Fax:	86-10-82601570
Bank details:	Beneficial Name: Beijing Waterwood Technologies Co., Ltd Bank Name: Bank of Communications, Beijing Branch Bank Address: NO.1 jinxiyuan shijicheng,Landianchang,Haidian District,Beijing Bank Account No #: 110060668012015061217 Routing No # : 332906 Bank SWIFT Code: COMMCNSHBJG		

Title	Format	Cost
Total		

Choose type of format

PDF (Single user license) ……..2,200 USD

Hard copy …… 2,400 USD

PDF (Enterprisewide license)…..... 3,500 USD

※ Reports will be dispatched immediately once full payment has been received. Payment may be made by wire transfer or credit card via PayPal.

ResearchInChina

www.researchinchina.com

ResearchInChina

The Vertical Portal for China Business Intelligence

RICDB service

About ResearchInChina

ResearchInChina (www.researchinchina.com) is a leading independent provider of China business intelligence. Our research is designed to meet the diverse planning and information needs of businesses, institutions, and professional investors worldwide. Our services are used in a variety of ways, including strategic planning, product and sales forecasting, risk and sensitivity management, and as investment research.

Our Major Activities

- ***Multi-users market reports***
- ***Database-RICDB***
- ***Custom Research***
- ***Company Search***

RICDB (http://www.researchinchina.com/data/database.html), is a visible financial data base presented by map and graph covering global and China macroeconomic data, industry data, and company data. It has included nearly 500,000 indices (based on time series), and is continuing to update and increase. The most significant feature of this base is that the vast majority of indices (about 400,000) can be displayed in map.

After purchase of our report, you will be automatically granted to enjoy 2 weeks trial service of RICDB for free.

After trial, you can decide to become our formal member or not. We will try our best to meet your demand. For more information, please find at www.researchinchina.com

For any problems, please contact our service team at:

Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080
Phone: +86 10 82600828 ● Fax: +86 10 82601570 ● www.researchinchina.com ● report@researchinchina.com