

Opportunity Assessment for Maintenance, Repair & Overhaul in the Global Wind Energy Market: Trends, Forecasts & Economic Analysis 2008-2013

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Abstracts

Lucintel believes that an enormous opportunity is available for suppliers of maintenance, repair and overhaul services through planned and unplanned maintenance, annual outages, long-term service agreements (LTSAs), long term maintenance contracts, corrective repair, and complete periodic overhaul of various plant and equipment (i.e., replacement parts business). Currently, maintenance, repair and overhaul costs contribute to 20% - 25% of expenditures in the wind turbine market. Thus MRO spending trends are increasingly attracting the attention of service providers.

From a global perspective, wind power is undergoing rapid development. Within the past 10 years, the global installed capacity increased from 7 GW to around 100 GW at the end of 2007. With the aging of wind farms, the opportunity for after-market service providers is bound to grow. This research will provide an understanding of the maintenance, repair and overhaul requirements and strategies of wind farms globally, as well as the key strategic opportunities and players within this sector.

In particular, this study will provide the following:

Current Practices: An understanding of current practices and preferences of wind farms related to maintenance, repair and overhaul services, including frequency & duration of scheduled maintenance and major overhauls;

Supplier Selection Criteria: An understanding of the key criteria for supplier selection; list of major service providers

MRO Cost Analysis: Major maintenance, repair and overhaul costs; Impact of

turbine capacity on MRO cost;

Market Estimates: Market size of MRO in Global Wind Turbine Market;

Market segmentation: MRO market size breakdown by type of service (maintenance, repair, overhaul), type of components (blade, gear box, generator);

Regional Analysis: Market size of MRO by region;

Trends and Forecasts Analysis: Trends (2002-2007) and Forecasts (2008-2013) for MRO market in terms of market size, technology changes, and types of service.

Strategic Analysis: A sound basis, in the form of a framework for maintenance, repairs and overhauls suppliers to formulate an effective competitive strategy.

This report answers following Key information related to the wind energy market.

Operational and maintenance areas conducted in-house vs. outsourced;

Understanding of global wind energy market in terms of trends in cumulative installed capacity and forecast for 2009-2014

List of MRO service providers;

Lead time to OEMs for major overhaul jobs;

Contents

1. EXECUTIVE SUMMARY

2. WIND MRO MARKET: CURRENT PRACTICES

Defining the market- maintenance, repair and overhaul activities

Typical MRO activities by main components- Gearbox, Generators, Wind Blades

The impact of project size, age of turbines, environmental conditions and direct costs on the MRO budgets

3. COMPETITIVE ANALYSIS OF MARKET PLAYERS

Regional analysis of MRO market players

Benchmarking analysis for Service Providers

Key Service provider selection criteria

Strengths and Challenges analysis for OEMs, ISPs & In-house services

Wind energy Market Value chain

MRO Market Value Chain

4. GLOBAL WIND MRO SERVICES ASSESSMENT

Wind MRO costs by main components. Gearbox, Generator, Blade.

MRO market size by component in 2007

Regional analysis Wind MRO market for North America, Europe, Asia- Pacific in 2007

5. MRO MARKET TRENDS AND FORECASTS

MRO market trends (2002-2007) by Gearbox, Generator, Blade services

MRO market trends segmented by North American, European and Asia- Pacific markets

Regional MRO market outlook 2008-2013

6. STRATEGIC ANALYSIS FOR MRO SERVICES

Analysis to leverage the driving forces of growing competition, exponential growth in the wind energy market and changing characteristics of project owners.

Recommendations to meet the challenges of component supply bottlenecks, skilled labor shortfall

Competitive strategy for developing strong OEM, ISP and In-house servicing models

7. RESEARCH CONCLUSIONS

8. APPENDIX

List of Wind MRO Service providers with company contact information, by key regions

List Of Figures

LIST OF FIGURES

Fig. 1.1 Porter's Five Forces model for the Global wind MRO market

Fig. 2.1 Percentage share of Maintenance, Repair and Overhaul costs for a 1.5 MW wind turbine.

Fig. 2.2 Analysis of the annual failure frequency and average down time of the main wind turbine components.

Fig. 3.1 Region wise comparison of market share - OEMs, ISPs, In-house services (2007 & 2013)

Fig. 3.2 Wind Energy market value chain

Fig. 3.3 Wind MRO market value chain

Fig. 4.1 Percentage contribution to the total MRO costs by different components -2007

Fig. 5.1 Global MRO market trends 2002- 2007 (\$ billion)

Fig. 5.1 Region-wise market share total MRO market (2008-2013)

Fig. 5.2 Forecasted Regional share of wind MRO market in 2013

Fig. 5.3 Forecast of the MRO market size (\$ million) by component type (2008-2013)

Fig. 5.4 Forecast of the MRO market size (\$ million) by component type (2008-2013)

List Of Tables

LIST OF TABLES

Table 1.1 Market parameters for the Global Wind MRO market and attributes of end users

Table 3.1 Region wise comparison of market share - OEMs, ISPs, In-house services (2007 & 2013)

Table 3.2 Customer satisfaction scores for the major MRO service providers in Germany 2004 -2007

Table 4.1 2007 market for MRO services component wise (\$million)

Table 4.2 World MRO market size (\$ billion) in 2007

Table 4.3 The European MRO market in 2007

Table 4.4 North American MRO market in 2007

Table 4.5 Asia Pacific MRO market in 2007

Table 5.1 Global MRO market trends 2002-2007 (\$ billion)

Table 5.2 Component wise MRO market trends (billion \$) 2002- 2007

Table 5.3 European MRO market trends 2002- 2007

Table 5.4 North American MRO market trend 2002- 2007

Table 5.5 Asia Pacific MRO market trend 2002- 2007

Table 5.6 Analysis of regional MRO market forecasts, 2008- 2013

Table 5.7 European MRO market forecasts from 2008- 2013

Table 5.8 North America MRO market forecasts from 2008- 2013

Table 5.9 Asia Pacific MRO market forecasts from 2008- 2013

Table 5.10 Forecast of the MRO market size (billion \$) by component type (2008-2013)

Table 5.11 Regional markets for wind turbine gearbox MRO services (\$ million), 2008-2013

Table 5.12 Forecasts for regional wind Generator MRO markets (\$ million), 2008-2013

Table 5.13 Forecasts for Regional Wind Blade MRO markets (\$ million), 2008-2013

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