

South Korea Wind Power Sector Analysis 2013

<https://marketpublishers.com/r/SE23E1FD2D6EN.html>

Date: March 2013

Pages: 85

Price: US\$ 700.00 (Single User License)

ID: SE23E1FD2D6EN

Abstracts

Please note: extra shipping charges are applied when purchasing Hard Copy License depending on the location.

Wind Power in South Korea is being seen as the potential driver of renewable energy development in the country. Electricity generation through wind power has already progressed to significant levels and most of this has been developed onshore. The present onshore capacity installed in South Korea is at more than 480 MW by end of 2012, which is set to expand with many projects awaiting operational and constructional commencement.

The wind power sector in south Korea has been reformed which had stunted the growth a little bit but now with the reforms in place already, the capacity is growing and is expected to take the fast track to growth. To augment the rapid growth of wind energy in the country, the domestic heavy industries have taken upon themselves the onus of manufacturing the wind turbine generators that will reduce the sector's dependence on imports and will also result in the reduction of wind energy production costs. The Feed in Tariff policy of the government has now been replaced by the Renewable Portfolio Standard. The research report points out to the various reasons behind this reform one of which was the low revenue given to wind generated electricity as compared to solar and hydro power.

Wind power in the offshore region in the country has immense potential owing to the expansive seas at its disposal and this has encouraged many companies to set up wind farms in the region. The private companies are investing huge resources in the process which will later on be retrieved through the high tariff of wind energy and the carbon credits they would receive as part of the renewable portfolio standard policy recently been introduced. Offshore wind is becoming the latest trend all over the world and South Korea is expected to become a major part of the vogue.

Given the problems cropping up with the onshore wind power development sector in the country, the South Korean offshore sector seems to be more lucrative as of now. Huge investments are being made in projects offshore and considering the expansive potential the country has in this sector, it will certainly attract the largest investment in the future and will be the key driver in developing the South Korea's wind energy.

"South Korea Wind Power Sector Analysis 2013" research report discusses following aspect related to emerging wind power sector in South Korea:

Current Sector Trends

Onshore & Offshore Wind Potential

Wind Power Sector Indicators

Operating Wind Farms

Future Outlook & Sector Emerging Trends

Regulatory & Policy Framework

Competitive Landscape

Contents

1. SOUTH KOREA WIND POWER SECTOR LANDSCAPE

2. WIND POWER RESOURCES

2.1 Onshore & Offshore Reserves

2.2 Onshore & Offshore Wind Map by Speed & Density

3. WIND POWER SECTOR INDICATORS

3.1 Onshore

3.2 Offshore

4. OPERATING WIND FARMS

4.1 Onshore Wind Farms

4.2 Offshore Wind Farms

5. WIND POWER FEED IN TARIFF STRUCTURE

6. WIND TURBINE MANUFACTURING

7. EMERGING TRENDS

7.1 United Kingdom and South Korea Alliance for Offshore Wind Power Development

7.2 Rising Investments from Government & Private Sector

7.3 Focus on Clean Energy to Drive Wind Power Installation

7.4 Development of World's Largest Offshore Wind Farm

7.5 Super Sized Ships to Install Offshore Wind Turbines

7.6 South Korean Companies Developing Foreign Wind Farms

8. WIND POWER FUTURE OUTLOOK

8.1 Onshore

8.2 Offshore

9. REGULATORY & POLICY FRAMEWORK

9.1 Low Carbon, Green Growth Policy

9.2 Renewable Portfolio Standard Energy Policy

10. PEST ANALYSIS

10.1 Political Analysis: Government Investments & Knowledge Sharing Policy

10.2 Economic Analysis: Low Cost Wind Power & Rising Energy Import Bill

10.3 Social Analysis: Increasing Social Acceptance

10.4 Technology Analysis: Transfer of Technology & International Collaborations

11. COMPETITIVE LANDSCAPE

11.1 Hyundai Heavy Industry

11.1.1 Business Overview

11.1.2 Turbine Portfolio

11.2 Samsung Heavy Industry

11.2.1 Business Overview

11.2.2 Turbine Portfolio

11.3 Daewoo, Shipbuilding & Marine Engineering

11.3.1 Business Overview

11.3.2 Turbine Portfolio

11.4 Doosan Heavy Industry and Construction

11.4.1 Business Overview

11.4.2 Turbine Portfolio

11.5 Unison

11.5.1 Business Overview

11.5.2 Turbine Portfolio

11.6 Vestas Wind Systems

11.6.1 Business Overview

11.6.2 Turbine Portfolio

11.7 Korea Electric Power Corporation

List Of Figures

LIST OF FIGURES

- Figure 1-1: Electricity Generation Capacity by Fuel, 2012
- Figure 1-2: Share of Renewable Energy in Generation Capacity, 2012
- Figure 1-3: Wind Power Capacity Growth in South Korea in Comparison to Asian during 2012
- Figure 1-4: Share of Wind Power in Renewable Energy Capacity, 2012
- Figure 1-5: On & Off Shore Wind Power Installed Capacity (MW), Feb'2013
- Figure 1-6: Number of On & Off Shore Wind Turbines, Feb'2013
- Figure 2-1: Onshore & Offshore Wind Reserves (GW)
- Figure 2-2: Onshore & Offshore Wind Power Generation Potential (GWh)
- Figure 2-3: Onshore Wind Power Potential by Province (GW)
- Figure 2-4: Onshore Wind Power Generation Potential by Province (GWh)
- Figure 2-5: Offshore Wind Power Potential by Province (GW)
- Figure 2-6: Offshore Wind Power Generation Potential by Province (GWh)
- Figure 2-7: Onshore Wind Speed Map at 60 Meters
- Figure 2-8: Onshore Wind Density Map at 60 Meters
- Figure 2-9: Onshore Wind Speed Map at 80 Meters
- Figure 2-10: Onshore Wind Density Map at 80 Meters
- Figure 2-11: Onshore Wind Speed Map at 100 Meters
- Figure 2-12: Onshore Wind Density Map at 100 Meters
- Figure 2-13: Onshore Wind Speed Map at 120 Meters
- Figure 2-14: Onshore Wind Density Map at 120 Meters
- Figure 2-15: Offshore Wind Speed Map at 80 Meters
- Figure 2-16: Offshore Wind Density Map at 80 Meters
- Figure 2-17: Offshore Wind Speed Map at 100 Meters
- Figure 2-18: Offshore Wind Density Map at 100 Meters
- Figure 2-19: Offshore Wind Speed Map at 120 Meters
- Figure 2-20: Offshore Wind Density Map at 120 Meters
- Figure 3-1: Wind Power Installed Capacity (MW), 2001-2012
- Figure 3-2: Wind Power Installed Capacity Growth, 2001-2012
- Figure 3-3: Wind Power Generation (GWh), 2000-2012
- Figure 4-1: Wind Power Installed Capacity by Company (%), Feb'2013
- Figure 4-2: Wind Power Installed Capacity by Company (MW), Feb'2013
- Figure 4-3: Number of Wind Installed Turbine by Company, Feb'2013
- Figure 5-1: Wind Power Tariff (KRW/kWh), 2010 & 2011
- Figure 7-1: Renewable Energy Capacity Target (GW), 2012-2022

Figure 7-2: Wind Power Capacity Target (GW), 2030

Figure 8-1: 3rd Renewable Energy Supply Plan Targets for Wind Energy (GWh), 2015, 2020 & 2030

Figure 8-2: Wind Power Installed Capacity (MW), 2013-2018

Figure 8-3: Offshore Wind Power Installed Capacity Target (MW), 2013, 2016 & 2019

Figure 9-1: Renewable Portfolio Standards (RPS) Quota, 2012-2022

List Of Tables

LIST OF TABLES

Table 4-1: Operating Wind Farm by Capacity (MW), February'2013

I would like to order

Product name: South Korea Wind Power Sector Analysis 2013

Product link: <https://marketpublishers.com/r/SE23E1FD2D6EN.html>

Price: US\$ 700.00 (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/SE23E1FD2D6EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970