

Flash Note

By MAKE Consulting

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Permanent Magnet Generators – Next Mainstream Generator Technology

Contents

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Permanent magnet generators have emerged as a preferred technology choice for new multi-MW and offshore WTGs. Six of the top-10 WTG OEMs are currently offering or developing WTGs using a PM generator.

Increasing turbine size, need for better efficiencies and improved grid compatibility compared to conventional drive train WTGs are key driving factors for the shift in technology.

The Flash Note maps product offerings or developments with PM generators and analyzes global supply outlook and pricing for PM generators as key enablers for product segment growth and competitiveness.

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	Q1	Q2	Q3	Q4
Market Reports	Market Outlook	Supply Side	Demand Side	WTG Trends
Business Studies		U.S. Wind Power	Offshore Wind Power	China Wind Power
Research Notes	Min. Two Research Notes	Min. Two Research Notes	Min. Two Research Notes	Min. Two Research Notes
Flash Notes	Min. Five Flash Notes	Min. Five Flash Notes	Min. Five Flash Notes	Min. Five Flash Notes
Forecasts	Annual/Semiannual/Quarterly	Quarterly	Semiannual/Quarterly	Quarterly
Project Pipelines		Project Pipeline	Project Pipeline	Project Pipeline
Policy Event Horizons	Policy Event Horizon		Policy Event Horizon	

Market Reports are 40-60 pages of high quality industry forecasts, trend spotting and analysis, giving the reader a detailed insight into the demand side, the supply side, wind power development in a range of countries as well as current WTG trends. Our market reports are published four times a year.

Business Studies are 60-100 pages detailed in-depth strategic market studies of key segments of the wind industry. In 2010 the business studies will focus on the US-, offshore,- and China wind power markets.

Research Notes are 10-20 pages of comprehensive analysis of specific trends in the industry. They are published 8 times a year and cover topics such as capacity shortages, order announcements, emerging markets, policy changes and strategic changes in the competitive landscape etc.

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Flash Notes are 1-2 pages of instant expert responses to important events. They are published ad hoc and cover topics such as M&A activities, major contracts, product launches, policy changes etc. Flash Notes are published minimum 20 times a year.

Market forecasts and data are published annually, bi-annually and quarterly depending on subscription level and include forecasts of new installations and accumulated MWs on a 5 year scale divided on specific regions and on a global basis.

Project Pipelines offer an overview of the current project pipelines in selected regions and is published with reference to the business studies.

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