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WINERGY DRIVE SYSTEMS INTRODUCES “HYBRIDDRIVE” TO U.S. MARKET

Company to Showcase Products at AWEA Windpower 2011

Elgin, Ill, May 20, 2011 – Winergy Drive Systems will exhibit its latest innovation in products, including its new 3 MW “HybridDrive” and a new 2.75 MW gearbox at this year’s American Wind Energy Association WINDPOWER 2011 Conference and Exhibition in Anaheim, California.

[Winergy’s 3 MW HybridDrive](#) combines a gearbox and a permanent magnet generator into one product. The direct linkage of the two stage gearbox and the permanent-magnet driven generator shortens the drive train by approximately 35%. This design allows for a significant reduction of the nacelle size and minimization of the overall weight, both important factors for on and offshore applications. This solution makes for an easy fit into any nacelle configuration.

The new HybridDrive complements the company’s existing portfolio of gearboxes, couplings, generators and converters for the wind industry. “For 30 years, Winergy has been developing innovative products and solutions for our wind industry customers,” says Winergy CEO, Stefan Tenbrock. “With our new HybridDrive, we have developed a compact product that offers exceptional power efficiency and great serviceability.”

The HybridDrive has a modular design, featuring single elements for assembly/disassembly, and can therefore be serviced through the nacelle internal service crane. “This represents an essential advantage compared to other existing integrated solutions which require removal of the complete nacelle in service cases,” says Tenbrock.

The new 2.75 MW gearbox will be installed in more than 300 wind turbines as part of a wind farm being developed in Oregon, according to Terry Royer, CEO of Winergy’s American operations. The project is considered to be the world’s largest land-based wind farm, covering 30 miles and generating an estimated 845 megawatts of electricity, or an estimated 2 billion kWh annually – enough to provide electricity to 235,000 homes.

“We take much pride in all of our products, and our 2.75 MW gearbox, assembled in our Elgin production facility, presents a new benchmark for our team. We anticipate a strong interest from companies looking for the next generation of wind energy solutions,” adds Royer.



Winergy Drive Systems Corporation

Winergy Drive Systems Corporation, with its production facility in Elgin, IL, USA has been founded in 2001. The Winergy group with its headquarters in Voerde, Germany, is the leading drive technology manufacturer for wind turbines. With 30 years of experience and more than 60,000 megawatts of installed power, Winergy offers all components for the complete drive train of a wind turbine. The product portfolio includes gearboxes, couplings, generators and frequency converters for power ratings between 750 kW and 6.5 MW. This is complemented by a broad service portfolio. Production and service locations are located in Germany, China, India and the U.S. To learn more visit www.winergy-group.com

CONTACT:

Martin Lubahn

(847) 531-7400

Martin.lubahn@winergy-group.com