

Press Release

NEWS for Immediate Release

Northern Power Systems Announces Strong Commercial Momentum for New 2.3 MW Direct Drive Wind Turbine

Completed Extensive Testing, Received New Order, and Expanded Product Offering

BARRE, VT, USA – May 23, 2011 - Northern Power Systems, Inc. (www.northernpower.com), a manufacturer of next-generation permanent magnet direct drive (PM/DD) wind turbines, is pleased to announce strong commercial momentum for its new 2.3 MW PM/DD wind turbine, the "NPS 2.3". Following initial introduction of the NPS 2.3 at the European Wind Energy Association (EWEA) annual conference in March, the Company has now successfully completed extensive testing of the NPS 2.3, received a second order and introduced a new 100 meter rotor option. The NPS 2.3 will see its North American launch today at the American Wind Energy Association (AWEA) WINDPOWER 2011 conference.

The NPS 2.3 is the largest PM/DD wind turbine in commercial operation in North America today. It incorporates advanced PM/DD technology that is the result of more than 10 years of research and development at Northern Power Systems. The NPS 2.3 has now successfully completed six months of the most extensive dynamometer testing in the history of the U.S. Department of Energy's National Renewable Energy Laboratory (NREL). The initial NPS 2.3 prototype turbine has been in commercial operation in Michigan since January 2011.

The Company is currently in active negotiations with numerous customers for additional NPS 2.3 orders and has recently closed its second order, with installation planned to occur in the summer of 2011. Northern Power Systems is also pleased to announce the introduction of a 100 meter rotor to optimize energy capture at low-wind sites. This option is expected to be available for delivery to customers in 2012.

"The NPS 2.3 has exceeded expectations in both the lab and in the field," said Troy Patton, President Utility Wind at Northern Power Systems. "Its unique modular design and its exceptional performance are a testament to the engineering talent and disciplined product development process at Northern Power Systems."

"The NPS 2.3 is based on a proven architecture with more than 600,000 operating hours on Northern Power PM/DD turbines," added John P. Danner, President and CEO of Northern Power Systems. "With its strong power curve, high availability and low maintenance costs, the NPS 2.3 is expected to deliver significantly higher project returns to our customers."

About Northern Power Systems

Northern Power Systems has more than 30 years experience in developing advanced, innovative wind turbines. The company's next generation wind turbine technology is based on a vastly simplified architecture that utilizes a unique combination of a permanent magnet generator and direct-drive design. This revolutionary approach delivers higher energy capture, eliminates drive-train noise, and significantly reduces maintenance and downtime costs. Northern Power Systems is a fully integrated company that designs, manufactures, and sells wind turbines into the global marketplace from its headquarters in Vermont, USA, with additional offices in Massachusetts and Michigan, USA, and Zurich, Switzerland. For more information, please visit www.northernpower.com.

#

For additional information, contact:
John J. Ciempa
Marketing Communications Specialist
Northern Power Systems
802-279-9575
jciempa@northernpower.com