

Northern Power Systems launches new wind turbines in the UK

NPS 100 increases its annual energy production by up to 15%

PRESS RELEASE

FOR ONLINE PUBLICATION AND PRINT:

4 SEPTEMBER 2014; 8AM EST

MEDIA CONTACT:

Jesse Wijnberg (+1 802 461 2955) jwijnberg@northernpower.com



Barre, VT USA (04 September 2014) – Northern Power Systems (www.northernpower.com) (TSX: NPS) has launched the next generation of its industry leading permanent magnet/direct drive distributed wind turbines. The 100 kilowatt (kW) NPS 100C is commercially available for delivery to the British market starting in the first quarter of 2015.

A new 24.4 meter rotor features state-of-the-art hub and blade technology with superior aerodynamics providing a larger swept area compared to the outgoing model. This increases the annual energy production (AEP) of the NPS 100C-24 by up to 15% depending on wind conditions. In combination with Northern Power's proprietary permanent magnet/direct drive technology, these new turbines are industry leading in power performance, energy production and lifetime cost of ownership.

The turbines reflect the next generation of NPS' proven distributed wind platform that has been deployed in Britain since 2009. The cutting-edge design reduces foundation and installation costs.

Further improvements include a new best in class brake system, industry leading yaw configuration, an enhanced electrical layout, more efficient generator cooling, and an ultrasonic wind vane and anemometer.

The new class III 24.4 meter rotor is available on the 100kW and 60kW model. The NPS 100C is alternatively available with a class II 21 meter rotor option.

Reinout Oussoren, vice president of sales, said, “The launch of the new NPS 100C allows British investors, farmers and land owners to continue to make significant returns on their investment in wind power, despite ongoing reductions in the Feed-in-Tariff.”

About Northern Power Systems

Northern Power Systems designs, manufactures, and sells wind turbines, and provides engineering development services and technology licenses for energy applications, into the global marketplace from its US headquarters and European offices.

- Northern Power Systems has almost 40 years’ experience in technologies and products generating renewable energy.
- Northern Power Systems currently manufactures the NPS™ 60 and NPS™ 100 turbines. With over 5 million run time hours across its global fleet, Northern Power wind turbines provide customers with clean, cost effective, reliable renewable energy.
- Patented next generation permanent magnet/direct drive (PM/DD) technology uses fewer moving parts, delivers higher energy capture, and provides increased reliability due to reduced maintenance and downtime.
- Northern Power Systems offers comprehensive in-house development services, including systems level engineering, advanced drivetrains, power electronics, PM machine design, and remote monitoring systems to the energy industry.
- Some of the world’s largest manufacturers license NPS next generation technology and intellectual property for their utility and distributed wind products and markets.

To learn more about Northern Power Systems, please visit www.northernpower.com.

Notice on forward-looking statements:

This press release includes forward-looking statements regarding Northern Power Systems and its business, which may include, but are not limited to, statements with respect to continuing expansion in the markets in which Northern Power Systems sells its products, product performance, competition, execution of the company’s growth strategy and other factors. Often, but not always, forward-looking statements can be identified by the use of words such as “plans”, “is expected”, “expects”, “scheduled”, “intends”, “contemplates”, “anticipates”, “believes”, “proposes” or variations (including negative variations) of such words and phrases, or state that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved. Such statements are based on the current expectations of the management of Northern Power Systems. Although management of Northern Power Systems believes that the assumptions underlying these statements are reasonable, they may prove to be incorrect. The forward-looking events and circumstances discussed in this release may not occur by certain specified dates or at all and could differ materially as a result of known and unknown risk factors and uncertainties affecting the company, including risks regarding performance and customer acceptance of new products, the wind power industry, risks associated with product malfunctions, risks relating to production of Northern Power Systems’ products, market conditions, economic factors, the equity markets generally and risks associated with growth and competition. Although Northern Power Systems has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results to differ from those anticipated, estimated or intended.

No forward-looking statement can be guaranteed. Except as required by applicable laws, forward-looking statements speak only as of the date on which they are made and Northern Power Systems undertakes no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events, or otherwise.