



CWind's made-in-Ontario technology makes viable green energy a reality for Ontario
75 manufacturing jobs for Port Hope as company aligns manufacturing partners

Toronto, Ontario – September 22, 2009 –Ontario-based companies CWind Inc. and Pro-Power and Energy Ltd. have agreed to begin the manufacture, sale and install of an innovative, made-in-Ontario wind energy technology to meet the present needs and growth of Ontario's sustainable and renewable Green Energy mandate. The two companies are working to finalize a sourcing agreement with Linamar Corporation to manufacture the Turbine Nacelle.

Pro-Power and Energy will be applying to the FIT (Feed in Tariff) program under Ontario's Green Energy Act for a 20-year power purchase agreement for a 6-megawatt install at an existing CWind pilot site near Clinton Ontario. The first 2-MW turbine is expected to be operational by February 2011, with two more 2-MW turbines brought on-line by March 2012.

"We applaud the Ontario government's FIT initiative as a progressive incentive to encourage development of clean, green renewal energy generation in Ontario," said Peter Routliff, Chairman of the CWind board. "With the units being manufactured right here in the province, we offer wind farm developers an excellent, high quality and lower cost turbine option to make new farm projects more viable and economical. We want to thank Pro-Power and Energy and Linamar for their ongoing assistance, enthusiasm and support as we begin to commercialize this ground-breaking wind power technology."

To build and assemble the CWind turbines, Pro-Power and Energy is creating WindPro Manufacturing, which will establish a new manufacturing facility, in Port Hope, Ontario. The new fabrication facility will create new jobs in the trades, with an expected initial employment base of 75. This facility will employ state-of-the-art equipment specifically designed for the purpose of wind turbine tower and component manufacturing.

"The advancement of a green energy industry will provide Ontario with affordable, renewable, emission-free power and will be a boost to Ontario's manufacturing sector," said Jeff Andrews, President of Pro-Power and Energy. "Construction and assembly for our first install will create immediate manufacturing employment in Ontario and we expect to begin booking orders from wind farm developers as our 6-MW pilot facility demonstrates the superiority of the CWind turbine."

CWind turbines look similar to conventional wind turbines – three bladed, horizontal axis, variable speed units – but they have distinct and exclusive characteristics. CWind's simple technology features a friction flywheel driving multiple generators, each with independent load paths. A CWind turbine uses small generators to allow a wide range of electrical power production at high efficiency, thereby increasing overall operating efficiency. The CWind design also inherently limits the torque transmitted through the drive, enabling absorption of sudden wind gusts. This helps CWind's turbines avoid the failure that plagues other turbine designs, when the massive torque from sudden wind gusts is transmitted through the gearbox, leading to bearing stresses and excessive loads. CWind's design innovations dramatically



improve operational effectiveness and efficiency for both on-land and off-shore applications. A CWind turbine has an internal crane, allowing all component parts to be maintained or replaced with relative ease and without requiring a large mobile crane. The multiple generator design also allows for the turbine to remain in production until routine maintenance or repair is performed.

CWind is a subsidiary of New World Generation. Its plan is to build a global commercial enterprise of renewable, innovative, economical and reliable energy solutions, introducing better alternatives to existing forms of fossil fuels. The company's core business is moving researched and developed technologies out of the lab and into the market. Incorporated since 2001, New World Generation has invested in nine international patents focused on energy storage and wind power generation.

Pro-Power and Energy owns a 25 per cent equity interest in CWind. The company believes that renewable energy provides an opportunity for people in the community to invest in their future. Recognizing the reality of economic drivers in moving renewable energy projects forward, Pro-Power and Energy's mission is to pursue the development of solar, wind power and biogas projects, both large and small, because they are good for the environment, serve to meet a growing need, and provide an opportunity for economic growth.

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