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Niagara Industrial Association participates in Trillium Power's TaiWind offshore wind power consortium

Green Energy Act helped make renewable-energy partnership a reality

Toronto (May 19, 2009) – Trillium Power Wind Corporation (Trillium Power) is joining forces with the Niagara Industrial Association (NIA) to establish facilities to make and assemble turbine equipment to supply future offshore wind power projects on The Great Lakes.

NIA members will participate in Trillium Power's TaiWind Consortium, a ground-breaking supply chain of manufacturers that will help create a "green-collar" manufacturing economy. The goal of the TaiWind Consortium is to create an "Innovation Chain," bringing together research, development, demonstration and deployment that will ultimately lead to long-term opportunities for manufacturing technologically advanced renewable power components. This cutting-edge equipment will deliver a clean, reliable green-energy future to power consumers, but also a prosperous future for skilled workers.

"Our partnership with the NIA will help deliver the jobs and the prosperity that begins with research and innovation," said Trillium Power President and CEO John Kourtoff. "We know that the technology is available to deliver clean, reliable offshore wind power. What Ontario's renewable energy developers have lacked is the determination to invest in producing that technology here."

That's because until now, the demand for offshore wind technology in Ontario did not warrant investment in the emerging renewable energy sector, according to Mr. Kourtoff.

"With the recently passed Green Energy Act there will now be the demand that is necessary to support a thriving renewable energy supply chain in Ontario," he said. "By encouraging renewable energy generation, the Ontario government also makes it financially feasible for businesses to invest in the necessary components to feed these generation projects. In my view, the Green Energy Act will lead directly to Ontario becoming a global leader in green-power manufacturing."

"Offshore wind manufacturing has the potential to produce a sustained renaissance opportunity for factories, skilled workers and technology experts across the Niagara Peninsula," said NIA Chairman Mike Whatling, who is also the plant manager for Niagara Precision, a tool-and-die manufacturer in St. Catharines. "We feel we are part of a revolution that can lead the province, country and world in green-energy, and we are excited about the opportunities that lie ahead thanks to Trillium Power and the TaiWind consortium."

Trillium Power is also exploring similar partnerships with manufacturers in Windsor, Chatham and other areas capable of participating in an offshore wind-power supply chain.

Exchange Tower
130 King Street West
Suite 1800
Toronto, Ontario
Canada M5X 1E3

+1.416.461.8484

trilliumpower.com



Trillium Power launched the TaiWind Consortium in June, 2008, to establish a North American focal point for offshore wind-power projects expected to be established on the wind-rich Great Lakes and East Coast over the next decades.

One such project is Trillium Power's highly anticipated Lake Ontario development, Trillium Power Wind 1, which will produce 710 MW of wind power 28 kilometres offshore from Prince Edward County. The facility will power at least 300,000 typical homes annually in Ontario, and offset nearly 1.7 million tons of carbon emissions each year. This amount of reliable green energy will greatly assist Ontario's policy goal of closing its coal-fired plants by 2014.

A report for the Ontario Power Authority on offshore wind, released in 2008, submitted to the Ontario Energy Board, determined that there were at least 64 feasible offshore wind development sites, in shallow-water areas, on the Ontario side of the Great Lakes that could generate 34,500 MW of power using 5-MW turbines. This could provide several decades of renewable energy development and green-collar job prosperity for tens of thousands of Ontario workers.

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For more information contact:
John Kourtoff
President and CEO
Trillium Wind Power Corporation
416-461-8484

Mike Whatling
Chairman
Niagara Industrial Association
(905) 682-0007