

windmatters 2009

Opportunities in Canada's Wind Energy Supply and Value Chains

February 18-19, 2009

Hyatt Regency Toronto

Toronto, Ontario

Overview

Wind energy represents a significant industrial development opportunity for Canada.

Between now and 2020, it is estimated that \$1 trillion will be invested in new wind energy facilities worldwide and that more than 1.75 million jobs will be created in this rapidly growing industry. This has created a strong demand for wind turbines and their components and manufacturers have been challenged to keep up. In the United States alone, in 2007-2008, 50 announcements were made of new (or expansions to existing) wind turbine and component manufacturing facilities representing more than \$1 billion in investment and 10,000 jobs.

In Canada, installed wind energy capacity has grown from 322 MW in 2003 to almost 2,400 MW in 2008 and is projected to reach a minimum of 12,000 MW by 2015. In the Gaspé region of Quebec, \$63 million of investment has now created 600 manufacturing jobs as well as a further 200 jobs in research, training, transportation and other services. An additional 1,000 people are employed each summer in construction work for the wind energy industry. Much more is possible.

A wind turbine has more than 8,000 separate parts and holds enormous opportunities for Canadian manufacturers who have the skills, plant and equipment to contribute to the industry. In addition, the wind energy industry has a strong demand for a broad range of services in areas like construction, transportation, engineering and operations and maintenance.

This two day seminar is Canada's first ever national event focused on opportunities in Canada's wind energy supply and value chains. It is targeted at Canadian manufacturing enterprises interested in learning more about the wind energy industry and the business opportunities it may provide for them.

The seminar will provide participants with the following:

- A presentation of the wind energy market in Canada and North America and its future growth prospects
- An overview of wind turbine technology and the wind energy supply and value chains

- An examination of opportunities in the wind energy supply and value chains for Canadian companies
- Case studies of efforts to build wind energy supply and value chains in Canada and North America
- Case studies of companies that have successfully entered the wind energy supply and value chains in Canada
- Networking opportunities with wind turbine manufacturers and wind energy industry representatives to learn more about specific opportunities for your company in the wind energy supply / value chains

Day 1 - February 18, 2009

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|---------------|--|
| 9:00 – 9:30 | <p>Opening Remarks</p> <ul style="list-style-type: none"> • CanWEA Past Board Chair Joyce McLean, Director, Strategic Issues, Toronto Hydro • Federal Industry Minister Tony Clement (invited) |
| 9:30 – 10:30 | <p>An Introduction to the North American Wind Energy Market</p> <ul style="list-style-type: none"> • Providing the Wind Turbines and Balance of Plant Services Required to Meet the Needs of the Rapidly Growing North American Wind Energy Market <ul style="list-style-type: none"> ○ Robert Hornung, President, CanWEA • Response: Perspective of a Wind Turbine Manufacturer on the Future Needs of the North American Market <ul style="list-style-type: none"> ○ Marc Rousseau, Sales Manager, Eastern Canada, Power Generation, GE Energy • Response: Perspective of a Wind Energy Project Developer on the Future Needs of the North American Market <ul style="list-style-type: none"> ○ Lisa Leipzig, Project Developer, Acciona |
| 10:30 – 11:00 | <p>Break</p> |

- 11:00 – 12:00 An Introduction to the Wind Turbine, its Component Parts and the Supply Chain for its Manufacture
- **Gene Cuenot, Vice-President, Global Purchasing and Supply Chain, Americas, Vestas**
- 12:00 – 13:00 Lunch
- 13:00 – 14:00 An Introduction to Wind Energy Balance of Plant Services
- **Justin Jacober, Procurement Manager, TransAlta (invited)**
- 14:00 – 15:00 Opportunities for Canada to Meet the Needs of the Wind Energy Supply / Value Chain
- **Marc LeBlanc, Director, Garrad Hassan Canada**
- 15:00 – 15:30 Break
- 15:30 – 17:30 Building a North American Supply Chain: Challenges and Lessons Learned
- **Gene Cuenot, Vice-President, Global Purchasing and Supply Chain, Americas, Vestas**
 - **Daniel Charette, Vice-President, Sales and Business Development, AAER Systems**
 - **Lars Moller, Executive Vice-President, Chief Operating Officer, Broadwind Energy**
 - **Marc Rousseau, Sales Manager, Eastern Canada, Power Generation, GE Energy**
 - **Adrian Latrace, Vice-President, Manufacturing, Acciona**
 - **Michael Stegelmann, Director, Global Sourcing, REpower**
- 17:30 – 19:30 Reception

Day 2 - February 19, 2009

- 8:30 – 10:30 Building Balance of Plant in North America: Challenges and Lessons Learned
- **TransCanada (invited)**
 - **Jason van Geel, President and General Manager, Carlsun Energy**
 - **Laura Dahlke and Derek Praught, Hatch Energy**
 - **Bob Livet, Vice-President, Operations – Power, AMEC (invited)**
 - **Jerry Grundtner, Vice-President, Business, M.A. Mortenson Company**
 - **EBC Inc. (invited)**
- 10:30 – 11:00 Break
- 11:00 – 12:30 Successfully Entering the North American Supply / Value Chain
- **DMI – Stefan Nilsson, President, DMI Industries**
 - **VCI Composites (invited)**
 - **Transport Bellemare (invited)**
 - **Sterling Crane (invited)**
- 12:30 – 13:30 Lunch
- 13:30 – 14:30 Panel Discussion: Next Steps for Building the Wind Turbine Supply Chain / Wind Energy Value Chain in Canada
- **Lars Moller, Executive Vice-President, Chief Operating Officer, Broadwind Energy**
 - **Marc LeBlanc, Director, Garrad Hassan Canada**

- **Jayson Myers, President, Canadian Manufacturers and Exporters**
- **Tim Karlsson, Director, Energy Industries, Industry Canada (invited)**
- **TBD, Ontario Ministry of Economic Development**
- **Nathalie Boyd, Director, North America, Quebec Department of Innovation, Export and Economic Development**

14:30 - 14:45 Closing Remarks

- **Robert Hornung, President, CanWEA**

14:45 – 16:45 Networking Opportunity with Wind Turbine Manufacturers and Balance of Plant Service Providers

- **Delegates will have an opportunity to network with wind turbine manufacturers and balance of plant contractors in an exhibit area**

CanWEA would like to thank to following 2009 Wind Matters Sponsors:

