

## Press Release

October 15, 2015

CanWEA Annual Conference & Exhibition (October 5-7, 2015; Toronto, Canada)

### **Canadian Wind Energy Annual Exhibition and Conference End-Of-Show Report**

**Hannover/Toronto/Chicago** – The Canadian Wind Energy Association (CanWEA) and Hannover Fairs Canada today announced that CanWEA’s 31st Annual Conference and Exhibition attracted approximately 1,450 registrants. The CanWEA 2015 Exhibition covered 21,400 square feet of exhibit space and hosted 103 international exhibiting companies. CanWEA’s 32nd Annual Conference and Exhibition will be held November 1-3, 2016 in Calgary, Alberta, Canada.

“Canada has now surpassed 10,000 megawatts (MW) of installed wind energy capacity, and we were thrilled to celebrate this important milestone during CanWEA 2015,” said CanWEA President Robert Hornung. “During this year’s event, we focused on the path forward to building the next 10,000 MW. Wind energy continues to be one of the most environmentally sustainable and cost competitive sources of new electricity generation in Canada.”

This year, CanWEA 2015 delegates heard from an exciting lineup of more than 80 expert



speakers who discussed critical issues like climate change, operations and maintenance (O&M), and cost competitiveness. Delegates and experts also discussed the major challenges and opportunities facing all of Canada's wind energy markets. During this year's CanWEA Awards Banquet & Reception, delegates came together to honor some of the industry's visionary leaders and supporters who are working to advance wind energy in Canada.

### **Opening Keynote Highlights What's Next for Canada's Largest Wind Energy Market**

Delegates attending CanWEA 2015's opening keynote address heard Ontario Energy Minister, the Honourable Bob Chiarelli, discuss today's successes and tomorrow's opportunities in Ontario, Canada's largest wind energy market.

As part of the opening plenary discussion, CanWEA also released the results of a new study highlighting the economic benefits of wind energy development in the province. The study titled, *Wind Dividends – An Economic Impact Analysis from Ontario's Wind Procurements*, was prepared for CanWEA by Compass Renewable Energy Consulting Inc., which conducted an economic analysis of wind energy in Ontario based on contracts awarded to date, as well as confirmed future procurement.

The study found that in the twenty-five years from 2006–2030, total economic output from wind project investment in Ontario will top \$14 billion, including \$110 million that will flow directly into local economies in the form of land lease payments, municipal property taxes, and community vibrancy funds. The industry will create 72,000 full time equivalents (FTE), paying over \$5 billion in wages and benefits over the 25 years.

To build on top of this success, Minister Chiarelli called for the industry to develop a strategic vision for the evolution of Ontario's electrical system.



### **Building the Next 10,000 MW**

During CanWEA 2015, delegates heard about how the industry is working to build the next 10,000 MW. Jean-Francois Nolet, CanWEA's vice-president of policy and communications, showcased Alberta as a region with a focus on integrating more renewables to battle climate change and cited the new low average price, 6.3¢/kWh, for wind contracts awarded in Quebec. He also indicated that more evidence of wind energy's increasing cost-competitiveness will be illustrated when Ontario's Independent Electricity System Operator (IESO) issues new contracts later this year. "Wind energy, as the last Quebec RFP proved, is now the lowest-cost option for new electricity supply in many Canadian provinces," stated Mr. Nolet.

CanWEA 2015 delegates also learned that by the end of the year, new installations in Ontario and Quebec will make the major contribution to 1,500 MW of new capacity in Canada this year.

### **Climate Change, Industry Optimization and Competition Take Center Stage**

The Ontario Minister of the Environment and Climate Change, the Honourable Glen Murray, headlined an afternoon power session on renewable energy's role in combating climate change in Canada. He cited how Ontario has successfully eliminated coal-fired electricity and will continue to play an integral role in the province's evolution to a low carbon economy.

CanWEA's policy team discussed how it is working with utilities and policymakers to develop climate change solutions that support the evolution of a more diverse and flexible grid that will position wind energy for continued growth. CanWEA 2015 also brought together a panel of outside experts to discuss how the wind industry has a critical role to play in greenhouse gas emission reductions both within and outside the electricity sector.



As part of the conference's educational sessions, delegates discussed progress on CanWEA's highly-anticipated Pan-Canadian Wind Integration Study. The detailed study is expected to identify operational and planning strategies to ensure reliable and efficient integration of at least 20 percent wind energy in Canada, representing a four-fold increase from the current 10,000 MW of installed capacity. Other topics spotlighted were operations and maintenance strategies for the more than 5,600 wind turbines in Canada. A panel of the country's leading wind farm asset managers discussed how to keep projects operating efficiently over the long term.

Also on the last day of the conference, a panel of industry and business leaders explored the technology advancements and other factors that have contributed to a 58 percent decrease in the cost of wind energy in the past five years. They discussed key factors that will position wind energy to compete, such as its role as a hedge against fossil fuel price volatility and inevitable carbon price increases, its ability to lower long-term costs to consumers while contributing to grid reliability, and new opportunities for electricity exports, and support of rural economic development.

### **New and Returning Exhibitors Display Cutting Edge Technologies and Their Latest Wind Energy Projects on the Show Floor**

First time CanWEA exhibitor and Korean-based, Mirae Tech Co., Ltd., showcased three different models of its low-noise, low-vibration Loop Type Wind Power Turbines to the international delegates. Commenting on the firm's success at CanWEA 2015, Kristy Kim, Overseas Department Manager, Mirae Tech Co., Ltd., said, "On the first day alone, close to 100 delegates visited our booth to experience Mirae's innovative wind turbines. Because the loop type is such a novel design, it really stood out on the show floor."



Ms. Kim added, “CanWEA 2015 offered us an excellent venue to network with potential clients in the construction, power and wind energy industries from across the globe. We more than fulfilled our new business goals, reaching potential clients from Brazil, Canada, India, Norway, Sweden and the United States. Mirae Tech looks forward to returning to CanWEA 2016.”

Long-time CanWEA Annual Conference and Exhibition supporters and major sponsors Senvion Canada and SIEMENS Canada demonstrated a broad range of new and emerging cost-competitive, clean energy technologies and wind power projects on the show floor.

Chief Executive Officer of Senvion in North America, Helmut Herold said, “Senvion Canada has been participating in the CanWEA conferences, as an exhibitor, sponsor, and speaker since 2010. The Annual CanWEA Conference allows us to connect with new partners, investors and developers from across the country, and even more so, strengthen the pre-existing relationships we have created in the country. This international event brings together the best and brightest of the wind industry. Over the years, we have contributed as speakers, sharing our expertise on panels regarding technical innovations, new and emerging markets, as well as have shared our views on growing the wind industry in Canada. The CanWEA Annual Conference and Exhibition has also served as an announcement platform as we have successfully launched several of our products, such as the Senvion 3.0M122 and the Senvion 3.2M114 during the CanWEA fairs.”

Commenting on SIEMENS Canada’s long-term relationship with the CanWEA Annual Conference and Exhibition, David Estill, SIEMENS Canada Sales and Strategy for Wind Power and Renewables Division, said, “CanWEA Annual Conference and Exhibition is the premiere

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wind energy event in Canada. We utilize the event to reach all of our customers and to engage international solutions and technology providers we might like to work with going forward. This year, we showcased our recently launched 2.3-120 and 3.3-130 wind turbines to attending delegates. CanWEA 2015 also was an excellent forum for us to discuss SIEMENS Canada's first wind project in Québec, the Mont Sainte-Marguerite Wind project with Hydro-Québec, and our first project commissioned last year in Alberta.”

To learn more about how to exhibit at CanWEA 2016, visit the CanWEA 2016 conference Web site: [www.windenergyevent.ca](http://www.windenergyevent.ca).

#### **About the CanWEA Annual Conference and Exhibition**

The CanWEA Annual Conference and Exhibition is organized by Hannover Fairs Canada, Inc., a subsidiary of Deutsche Messe AG, in partnership with the Canadian Wind Energy Association. The event is Canada's biggest wind-energy fair. CanWEA 2016 is scheduled for November 1-3, 2016 in Calgary, Canada.

#### **Deutsche Messe AG**

With revenue of 280 million euros (2014), Deutsche Messe AG ranks among the world's ten largest trade fair companies and operates the world's largest exhibition center. In 2014, Deutsche Messe planned and staged 134 trade fairs and congresses around the world – events which hosted a total of over 41,000 exhibitors and some 3.6 million visitors. The company's event portfolio includes such world-leading trade fairs as CeBIT (IT and telecommunications), HANNOVER MESSE (industrial technology), BIOTECHNICA (biotechnology), CeMAT (intralogistics), didacta (education), DOMOTEX (floor coverings), INTERSCHUTZ (fire prevention and rescue), and LIGNA (wood processing and forestry).



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