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Manufacturer's Representatives for Ontario's Power Industry

Welcome to the August 2011 e-newsletter providing you with product updates and the latest news from Ontario's electricity sector.

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What's On

The 2011 PowerLogic ION User's Conference will be held on October 21, 2011 at the Toronto Congress Centre, 650 Dixon Rd. This conference is open to all users and integrators of ION and PowerLogic meters and energy management software. See [Schneider](#) below for details or register at [langford-assoc.com](#)

Basler is hosting its 46th annual Power Control and Protection Conference on October 3-7, 2011 in Fairview Heights, IL. The Conference provides a good overview and an in-depth look at specific aspects of controlling and protecting electrical generating power systems. Discounts are available for registrations received before August 22. For details see [basler.com](#)

Waterhour Engineering Co. (WECO) is hosting an intensive, two-day training session at its headquarters in Pearl, Mississippi on August 23-24. At WeMeet 2011 attendees will have an opportunity to tour the plant, see the latest hardware and software advances and receive hands-on training. For details see [wathour.com](#)

The Corona Inspection Training Institute is offering a seminar in Chicago September 12-14 that provides practical and theoretical training on using UV inspection for predictive maintenance. For details see [citi-training.com](#)

Mark the calendar for the 2011 EDA Niagara Grand & Western Districts Joint Metering Exhibition & Workshop held on November 16&17 at the Holiday Inn Burlington Hotel & Conference Centre. For more information see aelwood@brantford.ca

Ontario News

National Energy Policy - With a majority government firmly in hand, the Conservatives have finally dared to visit the idea of a National Energy Policy. Provincial Ministers met in Kananaskis in late July but the day an initial "action plan" was released, Ontario said it did not support language describing the "responsible and sustainable" development of the oil sands and Quebec is saying it wants no part of such a plan. For full story see [theglobeandmail.com](#) and for post-meeting communique see [pembina.org](#). National Energy Policy is also discussed in the Canadian Electrical Association's recently released annual magazine [electricity.ca](#)

Multi-Front Battles - T. Boone Pickens has launched a \$775-million NAFTA challenge alleging the Ontario government has discriminated against his privately owned wind energy company. With the Dallas-based Mesa Power Group's action, the Liberal government is now fighting multi-front battles over its Green Energy Act and the feed-in tariff program. Mesa filed a notice of intent, claiming the Ontario government arbitrarily changed a policy that designated which wind companies would get access to critical transmission hookups. For full story see [theglobeandmail.com](#)

Wind Approval- The Environmental Review Tribunal upheld the Renewable Energy Approval of the Kent Breeze wind project, confirming the first project to be approved under the Green Energy Act will proceed as planned. "The tribunals decision is consistent with the balance of expert scientific and medical information which clearly indicates there is no direct link between wind turbines and effects on human health," said Scott Smith, VP of policy for

CanWEA. In March, the Ontario Divisional Court upheld the current regulations for wind turbine setbacks. See canwea.ca

Smart Guidelines- In early July the Canadian Electricity Association released a guideline for the selection and use of Smart Grid standards. It is intended to provide a framework for electric utilities and other decision-makers in selecting standards related to modernizing the electricity infrastructure. The guideline contains eight fundamental principles and fifteen elective criteria intended to assist manufacturers and users of smart grid technologies in developing and integrating new and emerging technologies. See electricity.ca

LEED Demand Response - The U.S. Green Building Council has released the updated LEED Demand Response Pilot Credit. Originally launched in 2010, the revised and enhanced Credit, that included input during development from Schneider Electric, establishes guidelines for automated demand response programs. LEED projects that satisfy the credit by demonstrating their ability to shift energy consumption during peak events by 10 percent of peak load demand will earn a point towards LEED certification. Additional points are available for projects that implement semi or fully automated demand response programs in their buildings. For details see usgbc.org

Dismantle, Retube, Restart - AECL and Korea Hydro & Nuclear Power Company Ltd. announced in late July the completion of the retubing of its Unit 1 CANDU 6 reactor located in Wolsong, South Korea. The reactor was successfully returned to full power on the Korean electrical grid on July 18, marking it the first time that a CANDU 6 reactor has been successfully dismantled, retubed and restarted. For details see aecl.ca

Breaking Ground- OPG joined dignitaries on July 6 to officially break ground for the Darlington Energy Complex. The Complex will include a full-scale mock-up of a Darlington reactor, which will allow staff working on the Darlington Refurbishment project to be trained prior to performing the intricate work inside the station. The 250,000 square-foot multi-purpose building will also house a public information centre, security processing centre, a training centre and a tooling and testing facility. For details see opg.com

Mid-Point - The Bruce to Milton Transmission Reinforcement Project has passed the mid-point of construction. The 180 kilometre, double-circuit 500 kV transmission line is expected to be in service by December 2012. For press release see hydroone.com In a connected (pardon the pun) story Hydro One crews rebuilt more than 80 hydro poles destroyed by a forest fire in Northwestern Ontario in mid-July. See hydroone.com

LEAP Update - As of April 30, over \$1.5 million has been spent by electricity utilities to assist low income consumers throughout Ontario. Between January 1 and April 30, nearly 4,000 electricity customers received a LEAP emergency financial assistance grant averaging about \$388 per customer. During the heating season, over 2,700 natural gas customers were assisted using over \$1 million in funding made available mainly through the Winter Warmth program. The average grant was about \$385 per customer. For details see ontarioenergyboard

Product Spotlight!... - EPSS Testing

Manually testing the emergency power supply systems (EPSS) in hospitals and other critical facilities requires extraordinary staff coordination among facility managers, doctors and nurses, and can cause a host of technical problems if not done properly. Incorrect testing procedures can actually make a backup power system less reliable by compromising the components of the system. Schneider Electric has released a new version of its automated Emergency Power Supply System test solution that helps hospitals ensure their backup power systems are ready to perform when needed. The solution automates and streamlines test procedures while electronically documenting a wide range of test measurement data points, making it easy to report on emergency power system status. This solution renders manual EPSS systems obsolete so that staff are freed up to focus on other, more critical duties. For details see schneider-electric

Schneider Electric- User's Conference

The program for the annual PowerLogic Users Conference has been released and is available at langford-assoc.com. Highlights of this year's conference include speaker's on Market Outlook, including the Smart Grid, as well as OPA programmes including an international effort to achieve sustainable energy performance improvement. Breakout session topics feature a case study on power monitoring at small industrial facilities, PowerLogic SCADA, and Remote Energy Management, among others. To register for this free event see langford-assoc.com

Radian Research - RB-10 Bantam Lite

Many utilities are in the process of re-writing their field test procedures as part of the new meter rollouts. In April 2011,

The Bantam Lite, Radian's new field test solution, was delivered to a few major utilities as part of their implementing a more efficient method of field testing residential and commercial meters. The Bantam Lite' very light weight (less than 30 pounds) and fast meter connections allowed by the closed-link test capability lends itself to field test efficiency. Some of the customer inputs that have been incorporated into the design include the light weight, single and polyphase meter support, wide voltage range 69V to 480V and the capability of independent testing with or without a PC. For details see radianresearch.com

Did you know...

Québec Takes the Plunge - In early July, Québec issued draft rules for the operations of a greenhouse gas cap-and-trade program based on guidelines from the Western Climate Initiative, of which it is a member. The draft regulation, now open for a 60-day public comment period, covers emissions of more than 25,000 tons of carbon dioxide per year, and it applies to power sector and industrial emitters. If the rules go into effect, the province could have a working cap-and-trade program by Jan. 1, 2012. Québec has one of the most ambitious GHG reduction objectives in North America, and the program could help it meet targets to reduce emissions by 20% below 1990 levels by 2020, Minister of Sustainable Development, Environment, and Parks Pierre Arcand said in a statement. For full story see powermag.com This monthly e-newsletter offers company news, application notes and product launches from Langford & Associates.

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