



**LANGFORD**  
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Know Your Power

**Welcome to the April 2016 issue of the Langford newsletter bringing you product updates and the latest in the Ontario Electricity Industry**

## What's On

**Mark Your Calendar!** - The ION Meter Programming for Technicians class will be held in Mississauga; **April 21-22**. The three day Power Monitoring Expert (PME) software training will be **April 26-28**. To Register see [Schneider](#)

The Woodward Technology Seminars on **Distributed Power Generation and Compression** will be held May 5-6 in Toronto. Prof. Engineers can earn 6 Professional Development Points per day. For details and to register see [Woodward](#)

The **EDA Upper Canada District Metering Technologies Conference** will be held in Ottawa May 25 & 26 with Hydro Ottawa the host utility. Contact [andywilson@hydroottawa.com](mailto:andywilson@hydroottawa.com) for details or to register.

## Ontario News

**Another Decision Delay** -The federal government has again delayed a decision on OPG's plan to bury nuclear waste at the Bruce Nuclear site near Lake Huron. Environment Minister Catherine McKenna has instead requested three studies. See [City](#) and [NOW](#)

**LRP** - The IESO released the list of 16 contracts that have been offered under the Large Renewable Procurement.

## In This Issue

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Merger Mania

## Product Spotlight!... PME Reporting

Reporting from the Power Monitoring Expert (PME) report engine allows you to consolidate complex data from multiple devices (physical or virtual) or from hierarchy nodes from all around your facility into comprehensive easy-to-understand graphical reports.

Nanticoke, once North America's largest coal plant, will host a 40MW solar farm. See [IESO](#) and [OPG](#)

**Closing Loopholes** - The Ontario legislature is currently considering legislation that will force building owners and developers to disclose the actual energy performance of their structures. See [TheGlobeandMail](#)

**PDI Purchase** - The city-owned Peterborough Distribution Inc. could be sold to Hydro One. Negotiations have already begun but it's far from a done deal. Residents have launched a local campaign to stop the privatization. See [Peterborough](#) and [Peterborough](#)

**Against FIT** - Fifty-one Ontario municipalities are endorsing a resolution recently passed by the Township of Wainfleet Council that calls on the government of Ontario to stop awarding feed-in tariff contracts for power generation from wind. See [Wainfleet](#)

**Questionable Fundraising** - One of the banks that ran the privatization of Hydro One promoted a \$7,500-per-person fundraiser for the two Ontario provincial cabinet ministers in charge of the sale. See [TheGlobeandMail](#)

**Ruled Against** - An Ontario judicial panel has ruled against Wpd Canada's 55.35MW White Pines wind project. The Environmental Review Tribunal found the wind farm would cause serious and irreversible harm to the Little Brown Bat and Blanding'sTurtle. See [Renew.biz](#)

**\$5 Million Grant** - The Natural Sciences and Engineering Research Council of Canada awarded the NSERC Energy Storage Technology network \$4,984,000 to study energy storage technologies at Ryerson and 14 other universities. See [Eyeopener](#)

## Schneider Electric Test Your PQ Knowledge

Power Management University (PMU) Karl's Corner has developed a Power Quality quiz on IEEE 1159-2009. Topics include Power Quality, Transients, Short and Long Duration RMS Variations, Voltage Imbalance, Harmonics, Voltage Fluctuations and Power Frequency Variations. **Test**

Features include:

Simple web user configuration to set up reports

Ability to automate reports to be delivered on schedule or event

Delivery via Email, shared folder or printer

Output formats: Excel, PDF, HTML or XML

and 22 default report templates.

For full details and more advanced features see [Langford](#).

## Did You Know... Merger Mania

Ontario is moving forward with the merger of Hydro One Brampton with PowerStream, Enersource and Horizon following municipal shareholder approvals.

The municipal councils for the cities of Barrie, Markham, Vaughan, Mississauga, Hamilton and St. Catharines have all voted to proceed with the merger. Ontario has now executed a Share Purchase Agreement with PowerStream, Enersource, and Horizon.

The merger of these three utilities with Hydro One Brampton will create the second-largest electricity distributor in Ontario. See

**your knowledge** and find out how you fare. There are follow up videos to fill in any gaps in knowledge. (Just in case you score less than a 100%). See [Karl's Corner](#).

## Radian Research - Electric Energy Metrology Workshop

Every industrialized country has a department responsible for establishing power and energy measurement standards to support commerce and ensure fair trade. National metrology institutes choose Radian in their laboratories because they need the very best in measurement accuracy, repeatability and stability. See [Radian](#)

An Electric Energy Metrology Workshop will be held May 19-20 in Lafayette, Indiana. See [Radian](#)

This monthly e-newsletter offers company news, application notes and product launches from Langford & Associates.

### Ontario

In a related story, the recently approved Exelon-Pepco merger, makes Exelon the largest electrical utility in the U.S. See [Utility Dive](#).