

Welcome to the August 2015 issue of the Langford newsletter bringing you product updates and the latest in the Ontario Electricity Industry

## What's ON

The free PLUG 2015 Conference will be held Thursday, October 29.

Power Monitoring Fundamentals will be held November 2. An introductory course on how to use a StruxureWare Power Monitoring Expert (PME) system effectively. Details to follow.

## Ontario News

**Hydro Sale Violates Law** - Hydro One has reinstated full authority to its board of directors, following allegations that the Ontario government's move to strip the board of its power during the planned sale of the utility violated securities laws. See [Globe&Mail](#)

In connected stories, Ontario has appointed a new board of directors for Hydro One. See [Ontario](#). Hydro One employees have ratified a new contract that gives them stock in the company, a raise and a lump-sum payment. See [Globe&Mail](#). And a \$125 million class action lawsuit has been filed against the utility over alleged improper billing and account

## In This Issue

### [Ontario News](#)

Laws, Costs and Collaborations

### [Product Spotlight](#)

PQ Solutions

### [SchneiderElectric](#)

PM5000 Protocol Update

### [Radian Research](#)

Model 8000 Meter Test Station

### [Did You Know...](#)

Pre-paid Meters

## Product Spotlight!... PQ Solutions

Exactly what aspects of power quality should facility personnel be tracking, and how should they go about the process? While every location has its

management practices. See [CBC](#).

**Curbing Prices-** The Ontario Chamber of Commerce is calling on the provincial government to take steps to curb rising electricity prices. The organization issued a report saying hydro costs are one of the most pressing challenges for Ontario's economy. See [Globe&Mail](#) and the Ministry's response at [Northumberland](#)

**New Collaborations** - Ontario is eyeing a deal to buy hydroelectric power from Newfoundland and Labrador, a first step toward implementing the newly signed Canadian Energy Strategy. See [Globe&Mail](#)

**OPG CEO** - The new boss at OPG, Jeffrey Lyash, is taking a slight pay cut compared to his predecessor but will still be the province's highest-paid civil servant. See [TheStar](#).

**Final Closure-** OPG will continue to preserve its idled Lambton Generating Station for possible future conversion to another fuel, but its Nanticoke station will be closed. Both stations stopped burning coal in 2013. See [OPG](#)

**NY Purchase** - Hydro Ottawa has made its first foreign acquisition, scooping up four "run-of-river" hydroelectric generating stations in New York State in a package deal. See [OttawaSun](#)

own unique profile of installed loads and grid-supplied power issues, Schneider Electric recommends systematic monitoring of the following power-quality problems: Harmonics, Power factor, Voltage dips and interruptions, Transients, and Imbalance (specifically in motor applications).

Targeted, short-term measurement of known problem locations over, say, a two-week period is one option. However, such a tactical effort will miss any events happening outside the study period, and it won't support ongoing continuous-improvement goals. See [Schneider](#) for full blog post.

## Did You Know... Pre-paid Meters

Although the overall adoption of prepaid electric

**More Opposition** - The City Council of Marysville, which sits on the U.S. side of the St. Clair River, voted unanimously to oppose the proposed Deep Geological Reservoir in Kincardine. See [The Voice](#).

## Schneider Electric Protocols

PM5000 Protocol update: The SNMP is available on PM5560 with step 2 firmware (same that brings gateway functionality) but there are currently no plans to implement it on 5340. The Ethernet versions of the PM5000 (PM5300, PM5500) can expect the BACNet protocols via a free firmware update in 2016.

## Radian Research Model 8000 Meter Test Station

Radian has released the Model 8000 Meter Test Station - the first of its kind. The 8000 is a multi-position testboard integrating meter qualification and accuracy that can be used by utilities that need the ability to switch between functional testing and accuracy testing. Separate multi-position testboards are no longer a necessity. With Direct Drive Current Source technology, the Model 8000 combines the simplicity of a qualification board with the leverage to deliver accurate load. See [Radian](#)

metering is expected to increase due to **increased acceptance** by utilities and customers, the trend is playing out differently depending on the market and geography, says a recent report from [Navigant Research](#). In markets like southern Africa and some countries in Asia Pacific, the use and deployment of conventional prepaid metering systems is well-established and growing, whereas in North America and most of Europe, penetration is less established and is expected to move ahead at a slower, yet steady, pace

While prepay programs are expected to

expand during the forecast period, they are also expected **to face resistance** from reluctant regulators, customers unaccustomed to paying for electricity in this way, and a lingering stigma that prepay is for the financially challenged.

This monthly e-newsletter offers company news, application notes and product launches from Langford & Associates. [Send Feedback](#) | [Unsubscribe](#)

View this newsletter [online](#), on [LinkedIn](#) or

All brand and product names are trademarks of their respective companies or organizations.

© Copyright 2014 Langford & Associates | All Rights reserved

