



**Welcome to the April 2018 issue of the Langford newsletter bringing you product updates and the latest in the Ontario Electricity Industry.**

## What's On

Join us at our booth at Energy Summit 2018, May 30-31 in Vaughan [www.energy2018.ca](http://www.energy2018.ca)

Be sure to register online for **Schneider Electric's [ION Meter Programming for Technicians](#)**, April 23-24 and **[Power Monitoring Fundamentals](#)**, April 25-27. Contact [Langford](#) for further details.

**Radian Research** is hosting the Electric Energy Metrology Workshop on May 22-23 in Lafayette, Indiana. For agenda and to register see [Radian](#)

## Ontario News

**Wynne wins Appeal** - The Wynne government has won the appeal case against the Hydro One privatization, with the court saying the government didn't act in bad faith in privatizing the provincial utility. See [CBC](#) In a related story, selling Hydro One has actually helped Ontario taxpayers according to a recent article by [TheFinancialPost](#)

**Special Audit** - Ontario's Office of the Auditor-General said it uncovered irregular and improper accounting during a special audit of the Independent Electricity System Operator. See [GlobeandMail](#) For the Minister of Energy's response see [Global](#)

**Agreement Reached** - A new agreement between Ontario First Nations, the federal government and the province will see 16 northern communities connected to the power grid in a \$1.6-billion project. See [Newswire](#)

## In This Issue

### [Ontario News](#)

Appeals, Audits and Negotiations

### [Product Spotlight](#)

PM8000 Enhancements

### [Schneider Electric](#)

Patch for Security Vulnerability

### [Radian Research](#)

RX Xytronic Reference Standard

### [Did You Know](#)

Cybersecurity Call to Action

## Product Spotlight - PM8000 Enhancements

Schneider Electric has announced enhancements to the PowerLogic PM8000 series meter. New features include low voltage control power capabilities as well as enhanced cyber security and web pages.

The PM8000 series meters simplify power quality compliance monitoring and analysis to rapidly pinpoint and address critical power issues.

**Back in the Game** - Hydro One has re-entered the process to construct the Lake Superior Link, filing an application to build the 400-kilometre, 230-kilovolt project on or adjacent to the existing line's path. See [TBnewswatch](#) In a related story, the consortium that was originally selected to develop the transmission line is intent on moving forward. See [TBnewswatch](#)

**Auction a Success** - Ontario's first cap and trade auction raised \$471-million. Funds that will be used for programs aimed at reducing greenhouse gas emissions in the province. See [TheGlobeandMail](#)

**Negotiations Over** - Hydro One has pulled out of negotiations to buy Peterborough Distribution Inc. Veridian says it is still interested in acquiring the utility. See [Global](#) and [Global](#)

**Opposing Fee Hike** - Fifteen internet and cable providers have formed the Ontario Broadband Coalition to fight the increase in pole attachment costs by the OEB. See [CBC](#)

**Net Zero** - Mohawk College is opening the country's largest institutional net-zero-energy building. See [NOW](#) An office building in Markham plans to be the first net positive energy office building in Canada. See [REMI](#) And Ontario's first sustainable net-zero community is shaping up in London See [Constructconnect](#)

## Product Spotlight - Patch for Security Vulnerability

The Cumulative Update 2 (CU2) for EcoStruxure Power Monitoring Expert 8.2, Power SCADA Operation with Advanced Reports and Energy Expert 1.3 has been released. Application of CU2 is highly recommended as it includes a fix for critical security vulnerability in the software. See [Schneider](#)

**Note:** StruxureWare Power Monitoring Expert 7.2.2 and Power Manager 1.0 are also affected by the critical security vulnerability above. The link for the 7.2.2 patch can be found [HERE](#)

New models provide compatibility with 20V to 60V low voltage DC control power systems. See [FacilityExecutive](#)

## Did You Know- A Cybersecurity Call to Action

While security experts continue to deconstruct what happened during the recent Triton malware (also known as Trisis) attack that targeted a Schneider Electric safety controller at a process plant in the Middle East, Schneider Electric said the incident should serve as a call-to-action for manufacturing and critical infrastructure facilities.

"The perpetrator was logged on and playing with code," said Gary Williams, senior director of technology and cybersecurity. This means the attacker gained access remotely. That, coupled with human error in which a physical key switch on the Triconex system was left in program mode while the system was in operation, was what enabled access to the system. See [AutomationWorld](#)

In a connected story, the Russian threat to US energy grid and nuclear facilities is real, the FBI warns See [metering.com](#)

## Radian Research - RX Xytronic Reference Standard

Radian Research has drawn on its expertise and knowledge from its industry-leading legacy RM (Metronic) and RD (Dytronic) reference standards to develop the RX (Xytronic), the ultimate in power and energy measurement technology perfection.

The RX is designed to operate over a broad Current, Voltage and Power Factor measurement range. A dynamic range of 30 VAC - 600 VAC and 5 mA – 200 A provides the versatility to operate in a multitude of power and energy applications. The AC direct current input provides fixed impedance (0.0005 Ohm) over the entire AC current input. See [Radian](#)

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