



Welcome to the November 2017 issue of the Langford newsletter bringing you product updates and the latest in the Ontario Electricity Industry.

Thanks to all who attended the PLUG this year.
All the presentations can be found at: www.know-your-power.com

Ontario News

Hydro One - As part of a review of a 2016 rate hike, the Ontario Energy Board has ordered Hydro One to cut its administrative budget by \$30 million over two years. See [TheStar](#) In a related story, Hydro One is preparing to challenge a ruling issued by the OEB that found it could not pass along certain costs related to the utility's privatization to its transmission customers. See [FinancialPost](#) and [HydroOne](#)

Affordability Fund - As part of the Fair Hydro Plan, the government is launching a new \$100 million fund to support the free installation of energy-efficient products. See [Ontario](#) In a related story, the auditor general has said in a report that the Fair Hydro Plan's costs could be twice the government's estimate See [Global](#) and [CBC](#) The Government's Long Term Energy Plan was also released this month. See [Ontario](#)

Global Adjustment Challenge - The Ontario government wants to quash a constitutional challenge of its global adjustment fee, brought against the province by Hamilton-based National Steel Car. See [FinancialPost](#)

Auditors Report - A Global News investigation has uncovered documents that allege OPG told contractors to ignore potential risks and enter artificially low cost estimates for work at the massive \$12.8 billion Darlington nuclear refurbishment project. See [Global](#)

In This Issue

[Ontario News](#)

Poor Estimates, Court Challenges, and Job Losses

[Product Spotlight](#)

Reducing MTRs

[SchneiderElectric](#)

PQ White Paper

[ERLPhase](#)

B-PRO 4000 Protection Relay App Note

[Did You Know](#)

The Lost Villages

Product Spotlight! Reducing MTRs

At the October PLUG Conference, Ted Villemaire of Alectra Utilities discussed the benefits of hardening communications infrastructure to reduce Meter Trouble Reports (MTRs) and improve reliability.

There are multiple benefits of reducing the number of MTRs including accurate

Job Losses - Soaring electricity bills have driven numerous factories out of Ontario according to a new report from the Fraser Institute, leading to a loss of nearly 75,000 manufacturing jobs since the end of the 2008 recession. See [TheGlobe&Mail](#)

NRL to Proceed - The Six Nations Band Council and the Six Nations of the Grand River Development Corporation have negotiated a tentative agreement with the Ministry of Energy and Hydro One that would see the mothballed Niagara Reinforcement Line proceed. See [TurtleIslandNews](#)

Unfair Process - A citizen's group in Prince Edward County has filed for a judicial review of Ontario's wind turbine approval process, in the Ontario Superior Court of Justice. See [TheSun](#)

Shut Down - The Peaksaver PLUS program came to an end in October having been activated only 21 times in a decade. See [CBC](#)

Schneider Electric Unique and Complex Installations in PME

At the PLUG Conference in October, Gord Erickson of EcoXpert Partner Integris Inc, discussed how to effectively integrate unique and complex installations into Power Monitoring Expert. A few of the key points included:

- Maximize ROI by considering all energy, not simply electricity
- Consider the interaction between systems.
- Import data from all devices for optimum performance and data
- Leverage the available technology. We are about to leap frog substantially with technology and it's important to use it.
- Develop customized solutions to address the unique areas or pockets not covered by the main platform.
- Ensure people are properly trained so the system gets used.

For full presentation see [Langford](#)

measurement, eliminating estimate charges on bills, and improved efficiency in the field.

Methods of hardening include survey arrestors, visual look-up, IT spot checks, full TCP/IP employment, Surge power bars, and UPS on all feeder meter points. For the full presentation see [Langford](#)

Did You Know The Lost Villages

Next year the Moses-Saunders Power Dam on the St. Lawrence River will celebrate its [60th anniversary](#) The generating stations on both sides provides power to OPG (five percent fo the baseload energy) and NYPA.

The dam was constructed bewteen 1954 - 1958 and led to the nine lost villages in the former townships of Cornwall and Osnabruck (now South Stormont) near Cornwall, which were permanently submerged by the creation of the Saint Lawrence Seaway in 1958. See [Wikipedia](#)

In a related story, The NYPA is looking to get more electricity transmitted from the

ERLPhase B-PRO 4000 Protection Relay App Note

Dam to southern parts of the state. See [Watertown](#)

The B-PRO 4000 Bus Protection Relay is designed for distribution applications at small or medium sized utilities. ERLPhase has released an app note outlining its use in distribution applications:

- single-bus single-breaker
- double-bus with tie breaker
- combined bus and transformer protection
- bus and transformer protection
- main and transfer bus arrangement
- double-bus single-breaker arrangement
- breaker and a half arrangement
- double-bus double-breaker arrangement.

See [ERLPhase](#)

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 [Tweet](#)

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

© Copyright 2017 Langford & Associates | All Rights Reserved