



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

What's New

Save the Date: This year's PowerLogic User's Group (PLUG) Conference will be held October 19.

Ontario News

Reconciliation - Ontario and the Constance Lake First Nation have signed an historic electricity agreement based on electricity generated by the 19 MW Shekak-Nagagami hydro-electric project, The First Nation has been a partner in the project for over 20 years, but has not received any benefits to date. See [MofEnergy](#)

The DGR Saga - OPG has submitted its responses to 23 information requests from the federal government about a proposed Deep Geologic Repository in Kincardine. See [OPG](#) In a related story, OPG is watching the developments at the Hanford nuclear waste site in Washington State and will look to incorporate any learning from the incident into the proposed DGR project. See [Blackburn](#) In another related story, Marysville and St. Clair have passed updated resolutions opposing the efforts of OPG to build the DGR. See [Voice](#)

\$2.8 Billion Raised - On May 8 the Province announced the sale of 120,000,000 Hydro One common shares at \$23.25 per share. The Province raised approx. \$2.8 billion from this offering. See [Ontario](#) In a related story, the Ontario Liberals argue a lawsuit over the partial sale of Hydro One is a political complaint "dressed up" as a legal one. A motion has been filed to get the lawsuit from the Canadian Union of Public Employees thrown out. See [CBC](#)

In This Issue

[Ontario News](#)

Reconciliation, law suits and salt mines.

[Product Spotlight](#)

PTP-enabled SER Changes Everything

[SchneiderElectric](#)

Global Adjustment Notification Solution

[TSTM](#)

VT-Pack Webinar

[Did You Know](#)

Preparing for the Solar Eclipse

Product Spotlight! PTP-enabled SER Changes Everything

Synchronized timestamping of events helps power system engineers know what happened and when: understand root cause, respond to changing conditions, and prevent future outages. CyTime™ Sequence of Events Recorders (SER) from Cyber Sciences monitor the status of 32 high-speed inputs and

Consumer Charter - A Consumer Charter that sets out the key rights and responsibilities of Ontario's residential energy consumers was released in May by the OEB. See [OEB](#) In a related story, Ontario Energy Group, an HVAC business slapped with 142 counts of violating the Consumer Protection Act has seen all of those charges withdrawn. See [CBC](#)

Fair Hydro Act - Ontario has passed legislation that will, lower electricity bills by 25 per cent on average for all residential customers. See [Ontario](#) In a related story, Ontarians could end up paying significantly higher electricity bills over two decades, See [Globe&Mail](#)

Storage Approved - Goderich City Council has approved a proposal for a 1.75 MW, 7 MWh compressed air energy storage plant, using unused salt caverns. The project uses technology that captures heat from compressing the air in order to avoid using natural gas. See [UtilityDive](#)

Awards - OPG has been chosen as one of the international finalists for the Edison Award. See [EEI](#) and Bruce Power is the first Canadian company to win the Innovation Award at the Nuclear Energy Institute's Nuclear Energy Assembly. See [Bruce](#)

Schneider Electric Global Adjustment Notification Solution

The Global Adjustment represents a large cost for Class A customers in Ontario, and a significant cost savings opportunity. Schneider Electric has developed a solution to assist eligible Class A customers that opt in for participation in the Industrial Conservation Initiative (ICI) program.

Schneider Electric's Global Adjustment Solution works directly with Power Monitoring Expert (PME) software. See [Schneider](#) for details and [Newswire](#)

And for all the Facility Managers out there, a little recognition...See [Schneider](#)

TSTM VT Pack Webinar

record state changes to 1 msec.

SERs synchronize automatically via PTP (IEEE 1588) over the same Ethernet network used for data communications. In addition, any SER can accept PTP as its time source and then generate legacy time protocol (s) to sync devices that don't yet support PTP: IRIG-B for PM8000 meters and protective relays; DCF77 for CM4000T meters; 1per10 for Sepam relays; or ASCII/RS-485 for ION 7550/7650 and PM8000 meters. For full details see www.cyber-sciences.com/ser .

Did You Know Solar Eclipse

A solar eclipse predicted by NASA on August 21 is unlikely to cause any reliability issues to the North American bulk power system, a NERC white paper finds.

However, the white paper recommends preparation and increased coordination by system planners and operators to understand how this phenomena will impact power flows and resource commitment.

The white paper -- [A Wide-Area Perspective on the August 21, 2017 Total Solar Eclipse](#) -- further recommends that utilities in all areas perform specific studies of the eclipse's impact of solar photovoltaic power output on their systems and

TSTM recently held a webinar focusing on the VT Pack - a meter that operates at a lower voltage reducing the potential for catastrophic equipment failure, lost revenue due to unmetered electricity usage, or flash burned employees that can occur when high voltage meters are strapped across 480V potential. For full webinar see [TSTM](#)

retain necessary resources to meet the increased electricity demand requirements. See [NERC](#)

In a related story, UK Breaks Solar Record; Generates 24 Percent of Power from [Solar](#)

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