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Know Your Power

Welcome to the October Newsletter, bringing you product updates and news from the Ontario electrical industry.

What's On

The **PLUG Conference is on October 17!** at the International Centre.

There is no registration fee for the conference; it is open to all ION and PowerLogic users, energy managers, and power system designers.

For agenda and registration please visit [Know-Your-Power](#)

Ontario News

The First Ever - The IESO has launched the first-ever local electricity market in the Regional Municipality of York. It will be the proving ground for a local electricity market, aimed at helping integrate distributed energy resources into the grid. See [EnergyStorage](#) and [IESO](#)

A First in Ontario - Natural Resources Canada has invested \$5-million for the IESO to design and test the potential for small, local resources — including storage and solar photovoltaic — to avoid the need for new power lines or other infrastructure. See [newswire](#)

Grid Control Centre - Hydro One is moving forward with plans to build a new Ontario grid control centre in Orillia. The state-of-the-art facility is expected to serve as one of the company's technology hubs. See [HydroOne](#)

Ring of Fire - In early September, Ontario's minister of northern development, mines and energy, and Indigenous affairs, issued a 90-day notice to Matawa chiefs that the

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Product Spotlight - PLUG Conference

The final schedule has been posted for the PLUG conference and includes the popular three tracks that attendees have seen in previous years: Product Updates, Applications and Case Studies.

Highlights of the Case Studies presentations include:

- **Driving Energy Management**, John Goodfellow, Toyota

province is dissolving the Ring of Fire regional-framework agreement. See [TVO](#)

Niagara Reinforcement Line - Hydro One, with Six Nations of the Grand River Development Corporation, and Mississaugas of the Credit First Nation, have announced the completion of the Niagara Reinforcement Line. See [HydroOne](#) and [TurtleIslandNews](#)

De-commissioning Begins- The first phase of de-commissioning of the White Pines Wind Project in Prince Edward County will begin in mid-October. See [GlobalNews](#)

World's First 'Green' Gold Mine - Canada's first all-electric mine has opened at Newmont Goldcorp's new Borden Gold Mine site near Chapleau, west of Timmins. See [CTV](#)

Ten Years of Trailblazing - OPG and Lac Seul First Nation are celebrating a 10-year anniversary of a commercial partnership with a hydroelectric plant in northwestern Ontario. See [NorthernBusiness](#)

Schneider Electric - A Carbon Neutral World

Schneider Electric announced today at Climate Week NYC 2019 that it is drastically stepping up its commitment to carbon neutrality with three new actions: (1) accelerating its 2030 goal of carbon neutrality in its extended ecosystem by five years to 2025, (2) setting net-zero operational emissions by 2030 as part of validated SBT target and (3) net-zero supply chain by 2050.

These targets are expected to contribute to the Intergovernmental Panel on Climate Change's (IPCC) goal of capping global temperature increase at 1.5°C. See [Newswire](#)

Radian Research - RM-17 Test Data Download

- **Improving System Reliability**, Roger Ersil, Oshawa PUC
- **Customer Experience Dashboard Tool**, Peter Cooney, Toronto Hydro
- **Support Academic Excellence**, Duncan Mills, Georgian College

See [PLUG](#) to Register

Did You Know - First US Cyberattack

The March cyberattack was the first time that remote hackers interfered with U.S. grid networks.

In a "lessons learned" document, published on Sept. 4, NERC said the cyber event "resulted in a denial of service (DoS) condition at a low-impact control center and multiple remote low-impact generation sites."

According to NERC, the DoS conditions, caused by a firewall vulnerability, lasted for 10 hours with each device showing offline status for less than five minutes.

See [UtilityDive](#)

In response to customer feedback, Radian has brought field test data into a centralized database in its WATT-Net Software.

This approach provides test data visibility to Meter Shop staff not just for efficient recordkeeping, but also for quick access to metering inconsistencies. WATT-Net Software now supports a direct connection to the RM-17 for a simplified data download of field test results. See [Radian](#)

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