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Know Your Power

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

## What's On

**Save the Date!** Power Monitoring Expert (PME) training is scheduled in Mississauga for May 2020.

- ION Meter Programming (2 days) May 4-5
- PME Fundamentals (3 days) May 6-8

Please register at [Schneider Electric](#)

## Ontario News

**Cancellation Costs** - The Ontario government paid out \$231 million to cancel 758 renewable energy contracts last year. See [TheStar](#)

**Data Sale Denied** - The OEB recently rejected an application by the IESO, in its capacity as the provincial Smart Metering Entity, to sell non-personal data about electricity usage to third parties at market prices. See [Lexology](#)

**Rate Changes** - The current 25% Fair Hydro Plan subsidy and 8% Provincial Rebate have been eliminated, and replaced by a new 31.8% Ontario Electricity Rebate. See [McMillan](#)

In a related story, a study by the Fraser Institute says hydro bills are up 5%, despite Ford's promised 12% cut. See [LondonFreePress](#)

**Its Day in Court** - Ontario's court of appeal has decided that a constitutional challenge of the Global Adjustment charge should get its day in court, overturning a lower-

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Energy Mgmt Pilot for SMEs

## Product Spotlight - PME 2020 Release

PME 2020 is a major release from Schneider Electric that introduces a number of new features and improvements. It is highly recommend users upgrade their existing PME system to version 2020. Highlights of the new system include:

- New web-based control in Diagrams
- New web-based Device Manager
- New alarm analysis tools

court judgment that had dismissed the legal bid. See [FinancialPost](#)

**Third Party Review** - The IESO has been directed by the Minister to retain an independent third party for a targeted review of existing generation contracts and provide recommendations on viable cost-lowering opportunities. See [Ontario](#)

**Reducing the Burden** - The Ontario government is establishing an energy concierge service to provide businesses with better customer service and easier access to information about electricity pricing and connection processes. See [Ontario](#)

**DGR Selection** - The Nuclear Waste Management Organization is advancing the site selection process for a deep geological repository. The Township of Ignace in northwestern Ontario, and Township of Huron-Kinloss and Municipality of South Bruce in southern Ontario will continue to be considered potential host areas. See [Newswire](#)

**Changing Tides** - Concordia research reveals how climate change will affect hydropower production across Canada: Quebec's and Ontario's outputs will increase while the west's will suffer. See [Concordia](#)

**A World First** - Work is complete on a multi-megawatt, commercial, advanced compressed air energy storage (A-CAES) system in Goderich, Ontario, that has been under joint development since 2017. See [EnergyStorageNews](#)

## Schneider Electric - Ryerson Smart Grid Lab

Schneider Electric brought together experts from multiple disciplines to explore the role collaborative innovation will play in the future of sustainable energy and smart grid evolution in Canada. The event was put on to celebrate Schneider Electric's newly relocated Smart Grid Lab at Ryerson's Centre for Urban Energy.

- VIP Modbus Slave now supports Modbus TCP protocol
- New notification engine in Event Notification Module
- New Reports
- New PME Express Edition
- Support for ION9000T High Speed Transient Capture.

See [Schneider Electric](#)

## Did You Know - Energy Mgmt Pilot for SMEs

Project Green and Excellence in Manufacturing Consortium have developed a pilot program designed to transform SME manufacturers into leaders in strategic energy management. It includes up to \$15,000 toward energy monitoring equipment and energy management consulting services.

You are eligible to apply if your company is:

- Owner-operator of at least one manufacturing facility located Peel, York, Durham or Toronto
- A Small-to-Medium Enterprise (SME) – i.e. less than 500 employees
- A Class B electricity rate customer (annual peak demand of 50kW-1MW and have not opted-in to Class A eligibility, also

The panel discussion centred around the collaboration between industry, institution, and government stakeholders required to transition into the future of energy sustainable consumption.

See [CanadianElectricalWholesaler](#)

On a separate note, watch the 60 second video on ION technology. [Schneider](#)

## **Radian Research - 4050XT True Three phase Automated Test Platform**

A few new streetlight models have been released that claim energy measurement accuracies suitable for billing purposes. RADIAN's Innovation team has been leading the research into testing and certification of ANSI C136 streetlight meters and found that between different models there may be a call for different metering points for proper calibration.

Line Side vs. Load Side measurements may cause calibration errors up to 6%. RADIAN solves this concern with the Innovative 4050XT which allows the operator to select the location of the metering point. See [Radian](#) for white paper

known as the Industrial Conservation Initiative program)

See [Partners in Project Green](#)

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