



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

## What's New

**Visit us!** at the EDA Upper Canada District Metering Technologies Conference hosted by Utilities Kingston on May 17 & 18. Contact [Rick Boehme](#) for details.

Register for the spring Schneider Electric [ION8650 Programming for Meter Techs](#) and [Power Monitoring Expert - Advanced Designer](#) Training courses in Mississauga. Starting on April 24 and 26 respectively.

## Ontario News

**ICYMI: Ontario Cutting Electricity Rates by 25%** - Ontario is lowering electricity bills by 25 per cent on average for all residential customers as part of a significant system restructuring that will address long-standing policy challenges and ensure greater fairness. See [Ontario](#), [Osler](#) and [CDHowe](#)

**Talk of More Power** - Kathleen Wynne says the province is currently in talks to purchase more hydro electricity from Quebec. Wynne did not provide any specifics about what a new agreement might look like. See [Global](#)

**OPG in Space** - OPG and its venture arm, Canadian Nuclear Partners, are participating in a project to produce isotopes in support of deep space exploration. OPG would help create isotopes at the Darlington nuclear station that will help power space probes. See [OPG](#)

**Rolling Back Private Ownership** - NDP leader Andrea Horwath as said as Premier, that she would unravel the sale of Hydro One and return the utility back to the public. See [NorthBayNow](#) In a related story, the NDP believes it

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## Product Spotlight! PME Healthcare Edition

StruxureWare Power Monitoring Expert Healthcare Edition is an energy management system that provides power system intelligence for healthcare power distribution systems.

The Healthcare Edition actively monitors and analyses the electrical power distribution infrastructure of a dedicated facility – including MV, LV, operating rooms and intensive care units.

could cut electricity costs by ending mandatory time-of-use pricing, reducing the delivery charge for rural customers and renegotiating power contracts. See [CTV](#)

**Energy Infrastructure** - Canada's investment in public infrastructure has been growing steadily, with power generation projects playing a leading role. Ontario is at the centre of the major infrastructure buildout, hosting 41% of the \$186 billion national total, this includes 6 energy projects. [APPrO](#)

**Drone Testing** - A team from the New York Power Authority joined some OPG representatives this month to fly a drone around the Robert Moses Dam and St. Lawrence spillway as part of NYPA's research into launching its own drone inspection program. See [WatertownDaily](#)

**Oshawa Merger Dead** - After nearly a year of deliberations, Oshawa Power has backed out of possible merger talks with Whitby Hydro and Veridian Corp. Whitby and Veridian will be moving forward without their Oshawa counterparts. See [Oshawa](#)

**Jobs Relocated** - OPG has confirmed that about 40 jobs will be leaving North Bay's OPG site. The trades' staff that maintains the generation equipment and water handling equipment will remain. See [MyNorthBay](#) and [TheNugget](#)

## Schneider Electric ION7650 V410 Firmware

It's here! Schneider Electric has released its latest firmware upgrade for the ION 7650. This release supports the updated EN50160:2010 (Edition 4) and IEC 61000 4-30 (Edition 3). Meters compliant with the IEC 61000 4-30 ed#3 will adhere to measurement methods for relevant parameters that provide reliable, repeatable and comparable results. See [Schneider](#)

## Radian Research Smart Street Lighting

Over the next ten years cities and utilities will network an estimated 138 million street lights in an effort to reduce

The Healthcare Edition significantly reduces mean time to recovery in case of outage by alerting maintenance personnel in real time. Its centralized alarm engine can help prevent overload or overheating scenarios, and direct interface with the electrical distribution system in the operating rooms allows maintenance personnel to troubleshoot any alarm remotely. For full details see [Schneider](#).

## Did You Know The Verdict on TOU Pricing

A report titled "The Impact of Time-Of-Use Rates in Ontario," authored by the Brattle Group looks at the impacts of time-of-use (TOU) pricing in Ontario. The report is summarized in an article in Public Utilities Fortnightly that explains that TOU pricing has led to "tangible reductions in peak demand" of electricity consumption by residential consumers.

The magnitude of this change was between 1.2% and 3.5%, with the observed impacts being smaller in more recent years. Interestingly, no evidence of electricity conservation (lower consumption, all things being equal) was observed.

See [EnergyInsider](#)

And for those of you paying attention to what happens south of the border: [Why](#)

energy consumption. Electricity utilities are finding the need to adapt their existing testing solutions to accommodate the new Street Light Modules. Radian is monitoring the advances in Smart Street Lighting and developing solutions to meet the measurement requirements of this emerging technology. A white paper is available at [Radian](#)

[Utilities don't think Trump will stop the Clean Energy Transition](#)

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