



Welcome to the December 2018 issue of the Langford newsletter bringing you product updates and the latest in the Ontario Electricity Industry.

What's On

Join us at [EDIST 2019](#) on January 16 - 18, 2019 at the Hilton Toronto/Markham Suites Conference Centre & Spa. We'll be at Booth #6!

Ontario News

Small Modular Reactors - The report "A Call to Action: A Canadian Roadmap for Small Modular Reactors," has been released and is the result of a pan-Canadian, multi-stakeholder study launched in early 2018. See [WorldNuclear](#)

In a related stories, NuScale and OPG have signed a MOU to facilitate Small Nuclear Reactor Expansion to Canadian Market. See [FinancialPost](#) and Bruce 6's refurbishment is set for a January 2020 start. See [WorldNuclear](#)

Renewables - First Nations say they paid a heavy price in the cancellation of renewable-energy projects. See [TVO](#), a wind energy company suing the province for \$500 million over the axing of offshore projects is accusing the PCs of continuing a Liberal "cover up." See [TheSpec](#) and the government appears to be ready to move ahead with a health hazard study into wind turbines in Chatham-Kent after the issues was raised in the election earlier this year. See [Wallaceburg](#)

Storage - OPG is teaming up with a U.S. energy-storage company to provide a battery-based system to reduce electricity costs for industrial customers. See [TheGlobeandMail](#). In a related story, Sarnia is to have

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Product Spotlight -Wholesale Metering Applications

At the PLUG Conference in October, Mike Lenarduzzi of Rodan Energy discussed wholesale metering installations using ION meters.

Beyond meeting the IESO Conforming Meter requirements, there is still significant capability within the meters. These include complex embedded generator with submetering, or a complex industrial facility with

one of the biggest behind-the-meter energy storage systems in North America. See [APPrO](#)

Hydro One - The hunt for a new CEO at Hydro One is an uphill battle with the utility currently stuck at the intersection of politics and commerce. See [GlobeAdvisor](#)

In related stories, Idaho regulators have questioned Avista's sale to Hydro One. See [TheNewsTribune](#), and Hydro One shares dropped 11.4% in the third quarter of 2018. See [Bloomberg](#),

Climate Plans - The Ford Government has released its new Climate Plan See [TheGlobeandMail](#) and BC is backing the federal government in its court battles with Saskatchewan and Ontario over Ottawa's plan to put a minimum price on carbon pollution. See [NationalPost](#)

Market Renewal - The IESO is developing an incremental capacity auction as part of its "Market Renewal" project. It includes moving to a single pricing schedule, launching a day-ahead market and improving real-time commitments. See [RTOInsider](#)

The First of 55 hybrid electric buses has been delivered to the TTC. Two hundred more and 60 electric eBuses are expected to be delivered by the end of 2019. See [CBC](#)

Schneider Electric - Updates

Cumulative Update 3 (CU3) for EcoStruxure Power Monitoring Expert 8.2 (all editions), Power SCADA Operation 8.2 Advanced Reports Module and Energy Expert 1.3 has been released.

The **ION9000 device updaters** (driver) for previous versions of Power Monitoring Expert (8.x and 7.2.x) has also been released.

The **PSO 9.0 Cumulative Update #1** and **PSE 8.2 Cumulative Update #7** are available with important performance improvements for extra-large systems as well as other enhancements and hot fixes.

submetering, of which he gives examples.

He also points out specific issues to look for when implementing these high performing meters in complex systems. See [KnowYourPower](#)

Did You Know- Flying with 'Ionic Wind'

In an era-defining moment, a test aircraft with no moving parts successfully flew for the first time in late November.

Using ion-drive technology, a simple aircraft made its first flight in an MIT gymnasium flying for just 12 seconds, but the trip was an enormous leap for a new method of flight

The 16-foot wingspan test aircraft made no sound other than the flow of air around its wings.

Using no propeller or turbine, the craft is instead powered by electrically supercharged air molecules moving from front to back; a 'solid-state plane,' according to reports.

See [Sputnik](#)

Contact [Langford](#) for further details on and access to all updates.

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