



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

What's On

Save the Date! - This year's PLUG Conference is on October 17. Our **keynote is Chris Tyrrell**, President, C&RT and Company Inc. See [Know-Your-Power](#)

Ontario News

First Utility Grade Microgrid - North Bay Hydro Services has partnered with smart grid solutions firm S&C Electric Company to launch Canada's first utility-scale microgrid system that has the ability to operate in island-mode to power some 51,000 residents. See [Smart-Energy](#)

Temporary Injunction - Demonstrators preventing work from being done by Hydro One on the Niagara Reinforcement Line have been told to cease and desist. See [BrantfordExpositor](#)

Compensation - The Ontario government has introduced a regulation for decommissioning the White Pines Wind Project in Prince Edward County, which promises the company that built the wind farm compensation. See [Global](#)

Canada's First - On July 17, the Federal government issued the notice of commencement of an environmental assessment for a proposed small modular reactor project, Canada's first. See [YahooFinance](#)

Approval to Proceed - In May 31, the Ontario government published two new regulations that will allow in-progress renewable energy projects to proceed, while

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ION Meters as Asset Mgmt Tools

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RX Xytronic

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Carbon Tax Proceeds

Product Spotlight - Using ION Meters as Asset Management Tools

Gary MacLeod of Current Power Systems previously presented this paper at the CIRED 2017 and PLUG conferences. It is an overview of some of the parameters and practices for finding faults at Hydro Ottawa.

In 2014, Hydro Ottawa began a pilot project to use power

adding new requirements for the approval of new renewable energy projects. See [EnergyInsider](#)

First in a Generation - Build Your Dreams has opened a 45,000-square-foot facility in Newmarket. It is the first new electric bus plant to open in Ontario in a generation. See [NewMarketToday](#)

Peace, Order and Good Government - The Ontario Court of Appeal has upheld Ottawa's carbon price as falling within its powers to address matters of national concern under the "peace, order and good government" clause. See [GlobeandMail](#) In a related story, CD Howe Institute finds Federal carbon pricing goes easy on coal power. See [APPrO](#)

Post Tornado - Plans are under way to rebuild one of OPG's oldest hydroelectric generating stations, which was damaged by a tornado in the Ottawa-Gatineau region in 2018. See [HydroWorld](#)

Schneider Electric - Keynote Speaker Set for PLUG

The keynote for this year's PLUG Conference on October 17 will be Chris Tyrrell, President, C&RT and Company Inc. He will discuss Ontario's Energy Industry.

With over 32 years in the utility industry Chris will provide perspective on the state of the electrical industry in Ontario and where we may be headed. Including changes on distribution, generation, electricity pricing, energy efficiency and conservation.

For further details on the conference see [Know-Your-Power](#)

Radian Research - RX Xytronic

The new RX family of single phase and three phase Power & Energy Reference Standards are smaller, lighter and have more powerful processing. RX offers an abundance of measurement functions that address the need for accurate energy measurement in the presence of real world conditions.

quality monitors to locate faults on distribution feeders supplied by medium voltage systems.

The systems are integrated on the company intranet and used in real-time by numerous groups within Hydro Ottawa including power quality engineers, control room operators, field operations, and distribution planning. The algorithm used for waveform processing can distinguish between single-phase faults, multi-phase faults, subcycle faults, and feeder energizing magnetizing inrush. See [CIRED2017](#) and [Langford](#)

Did You Know - Carbon Tax Proceeds

The governments of Ontario, Saskatchewan and New Brunswick have all agreed in principle to how the government wants to spend a portion of the new tax on carbon-emitting products like gasoline and diesel.

Manitoba, though, says it won't accept the funding, with Premier Brian Pallister telling local media the plan was a "hoax."

Federal Environment Minister Catherine McKenna announced last month that the federal government planned to put three per cent of this year's carbon tax revenues towards projects that make schools more energy efficient, like installing

Radian has introduced five new models to address single and three phase measurement with accuracies ranging from 0.005% and 0.04%. See [Radian](#)

better lighting, heating and cooling systems or more efficient windows. See [iPolitics](#)

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