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Know Your Power

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

What's New

The Toronto PowerLogic User Group Conference (PLUG) will be held on **October 19th!** There will be seminars on energy management solutions, information on new energy efficiency programs, an unveiling of new metering hardware and an update of the new features that are now included with the latest version of Struxureware PME 8.2. RSVP at [Langford](#)

Ontario News

Report Disputed - Ontario is negotiating a possible agreement to buy electricity from Quebec. A draft shows a 20-year deal that says Ontario would buy eight terawatt hours per year from Quebec whether the electricity is consumed or not. See [CTV](#) Several groups have responded to the news the [Ontario WaterPower Association](#), [Association of Power Producers of Ontario](#) and [Society of Energy Professionals](#)

Lawsuit Dismissed - An Ontario court has thrown out the lawsuit filed last December by the Canadian Union of Public Employees against the provincial government over the controversial partial sale of Hydro One. See [Global](#)

Sticker Shock -The Ontario government has been struck by sticker shock over the near doubling of the estimated cost of a proposed electricity transmission line between Thunder Bay and Wawa. See [Financialpost](#)

In a related story, the Minister of Indigenous and Northern Affairs announced up to \$60M in funding to connect Pikangikum to the power grid. See [CBC](#)

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Product Spotlight! CIPEC

The Canadian Industry Program for Energy Conservation (CIPEC) is an Industry-government partnership that promotes voluntary actions to reduce industrial energy intensity.

The program encourages the adoption of energy efficiency as a tool to cut costs, improve productivity and reduce GHG emissions. It also serves as a foundation for delivery of industrial energy management programs such as Energy Star for Industry,

Search Warrant Required - The Ontario Court of Appeal has ruled that police investigating a suspected marijuana grow-op needed a search warrant to obtain hydro records from a local utility company. See [TheStar](#)

Overwhelming Response - Canada has emerged as a leading market for Small Modular Reactor (SMR) development. Canadian Nuclear Laboratories aims to demonstrate the commercial viability of an SMR plant by 2026. See [NuclearEnergyInsider](#)

Decision Delayed (Again) - Further information on how a proposed nuclear-waste bunker near Lake Huron might affect area First Nations peoples is needed before the government decides whether to approve the project. See [TheStar](#)

Pick-and-Pay - The Government has unveiled a new pick-and-pay hydro pricing plan in towns around the GTA. The pilot program will allow consumers to choose when they want to pay the least for electricity based on their usage. See [CTV](#)

GOF - The Ontario Government has launched the Green Ontario Fund - a new not-for-profit provincial agency that will deliver programs and rebates to help reduce energy costs in homes and businesses. See [Ontario](#)

Schneider Electric Achieving Buy-in

Achieving buy-in from executives in order to fund technology upgrade projects requires considerable skill. A critical success factor is the ability to communicate how new technology features and benefits translate into business value.

Facility and IT teams need to communicate the cost of inaction when outdated technologies are not replaced or upgraded. Estimated cost of downtime for healthcare facilities, for example, is approximately \$636,000 an hour on average (and this does not take into account the impact of potential deaths caused by emergency power supply failures).

ISO 50001, and Superior Energy Performance.

The partnership has helped organizations improve energy efficiency since 1975. See [CIPEC](#).

Did You Know ISO 52000

As a solution to making building stock more energy efficient, ISO is introducing the new ISO 52000 series of standards, which are expected to be used as the basis for legislation and guidance in countries around the world.

The ISO 52000 family of documents is intended to accelerate energy efficiency in the world's building market. From heating, cooling, ventilation (HVAC) and smart controls to energy-using or -producing appliances, the series will help architects, engineers, building operators and regulators assess the energy performance of new and existing buildings in a holistic way — without "overheating" budgets — as the temperature rises. See [FMLink](#)

To avoid these worst-case scenarios, facility teams need to build proposals that reflect an investment prioritization roadmap. For full blog post see [Schneider](#)

Radian Research Application Notes

Radian has released new application notes to educate and meet the needs of its customers. Example notes include:

- Meter Test with Command Line Parameters
- Meter Lookup Code and Barcoding
- 200 Amp CT Power Boost
- Performing a Power Factor Test

See [Radian](#) for further details.

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