



**LANGFORD**  
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Know Your Power

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

## What's On

The 69th EDA Upper Canada District Metering Technologies Conference will be held on May 22-23 in Markham. **Come by** our booth to see our latest products!

**Save the Date!** - This year's PLUG Conference is on October 17.

## Ontario News

**Consequences** - The outcome of the SNC-Lavalin affair has major implications for Canada's (and Ontario's) nuclear industry, including a major component replacement at Bruce Power. See [LondonFree](#)

In related stories, a 350-tonne stator is on its way to the Darlington Generating Station. See the video of its construction at [DurhamRegion](#) and the reactor core of Darlington 2 has now been rebuilt. See [WorldNuclear](#) In addition, the Canadian Nuclear Safety Commission has received the first licence application for a small modular reactor to be deployed at Chalk River. See [WorldNuclearNews](#)

**Unit Sub-Metering** - The Ministry of Energy, Northern Development and Mines has repealed the authority of the OEB to set rates for Unit Sub Metering Providers. See [Ontario](#) and [Global](#)

**Waasigan Line** - Hydro One has started its community engagement and environmental assessment on the proposed 230 kV Waasigan Transmission Line that will

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20% by the end of 2020

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Budgets and Governance

## Product Spotlight - 20% by the end of 2020

Schneider Electric has partnered with the University of North Alabama (UNA) to reduce the university's energy costs 20% by the end of 2020.

Schneider Electric has designed a comprehensive construction project that will touch over 70 UNA facilities.

Major improvements to the campus will include smart automation and IT technologies, installation of

bolster power between Thunder Bay, Atikokan and Dryden. See [HydroOne](#) and [TheChronicle](#)

**Approval Granted** - The OEB has approved the second phase of the Wataynikaneyap Power project. The first phase, upgrading of the electrical system with a new line to Pickle Lake is already underway. See [KenoraDaily](#)

**Who Pays?** - The OEB recently overhauled the rules on who pays for the upgrades to power lines. Previously, industry bore the full cost. Now, a company only has to pay a portion of the upgrade. See [CBC](#)

**Workers Needed** - A new report from Electricity Human Resources Canada suggests at least 20,500 new workers will be needed in power plants and transmission systems before 2022. See [Global](#)

**EaRTH Hub** - A new Environmental and Related Technologies hub in Toronto plans to develop Canada's first net-zero vertical farm and living lab. See [ConstructionCanada](#)

## Schneider Electric - Multi-tenant Metering

At the PLUG Conference, Arnaud Denis of Schneider Electric discussed the EM4900 Multi-Circuit meter that is designed for Multi-use and Multi-tenant applications, including places trying to provide compliance reporting.

The EM4900 provides a flexible solution via changeable CTs and Circuit settings, can be integrated in Energy Management systems, Building Management Systems and IT systems, and is a reduced space and installation time solution.

For the full presentation see [Know-Your-Power](#)

## Radian Research - Three Phase Site Analyzing Standard

The RX-3X-A Analyzing Standard brings precision measurements, normally associated with laboratories, to the meter site. Its ruggedness, coupled with precision

LED lighting, improvements to heating and cooling systems, updates to the building envelope and roofing, and water reduction technologies, all designed to improve UNA's energy efficiency and create savings opportunities.

See [Energy Manager Today](#)

## Did You Know - Budgets and Governance

The Ontario government introduced its first budget on April 11. Notably, the budget does not include any significant new initiatives or measures aimed at energy policy.

Instead, the energy-related discussion in the budget repeats previously-issued announcements and provides some updates.

An article by David Stevens of Aird Berlis, provides a summary of the main energy-related pronouncements in the 2019 budgets. See [Energy Insider](#)

Two recent cases have highlighted a weakness in the governance of the electricity sector in Ontario. The cases illustrate not just the immediate adverse effects of Government interference in specific matters but the deeper damage the Government's role does to governance of the sector as a whole.

measurement and the PCSuite software automation, deliver a premier RX Site Analyzing solution to meet demanding site measurement challenges.

See [Weirfoulds](#)

See [Radian](#)

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