



LANGFORD
& associates incorporated
Know Your Power

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

What's On

Schneider Electric Digital Power Innovation Talk

Webinar Series - This series is a revamp of the Digital Power eAcademy with a revised schedule and additional webinars in two distinct tracks:

- 60 minute Solution based webinars that run on Tuesdays
- 30 minute Product based webinars that run on Thursdays

See [Schneider Electric](#)

Radian Research's **WeMeet** has been re-scheduled to September 15 - 17. See [WeMeet](#) Radian is also hosting weekly technical webinars. Contact [us](#) to ensure you are on the mailing list.

The **Power Monitoring Expert (PME) training** has been re--scheduled to the **week of August 17**.

- ION Meter Programming (2 days)
- PME Fundamentals (3 days)

Please register at [Schneider Electric](#)

Ontario News

Pandemic Adjustments - Electrical utilities, generators and businesses across the province have made significant adjustments to help their customers, their suppliers and their communities during the pandemic. This includes late fee suspension, security deposit refunds, producing face

In This Issue

Ontario News

Ontario's Power System, First Criticality, and Righting Wrongs

Product Spotlight

Online Resources at Power Monitoring University

Schneider Electric

Understanding the IEC Radian Research

Webinars, and WeMeet Rescheduled

Did You Know?

Cannabis Consequences

shields, donating to food banks, and offering early payment programs for suppliers among others. The most recent change from the OEB is deferring setting new electricity rates for homes and small businesses during the summer months. They will be leaving the winter time-of-use rates and the winter residential tier threshold in place beyond May 1. See [Durham](#) and [CTV](#)

Ontario's Power System - The IESO has made available its presentation: The State of Ontario's Power System, where it discusses managing the grid, the changes in demand, and adapting its forecasting practices. See [IESO](#)

Increased Risk to Grid - There are potential reliability issues that "increase industry's risk profile" if the virus impacts extend into the summer demand season, according to a new assessment from the North American Electric Reliability Corporation. See [UtilityDive](#)

First Criticality Achieved - Unit 2 at OPG's Darlington nuclear power plant has achieved first criticality after a refurbishment that has taken over three years to complete. The unit is expected to return to full service this Spring. See [WorldNuclear](#) and [OPG](#)

New Corridor - The Ministry of Energy, Northern Development and Mines has submitted a proposal to the Environmental Registry to identify and preserve a corridor of land in the Northwest GTA for future electricity transmission infrastructure, See [ERO](#)

Righting Wrongs - The Lac Seul First Nation in northwestern Ontario will have its case heard by the Supreme Court of Canada, tasking the court with the

Product Spotlight - Online Resources

At Power Monitoring University, the online school for Schneider Electric, there are five categories of videos that are available for viewing.

[Karl's Corner](#) explains the fundamentals of Metering Anatomy, Energy Management, Power Quality and Reliability.

[Get Connected](#) discusses Power Monitoring Expert and includes Product Demos.

[EcoStruxure Power](#) includes nine sessions on leveraging the EcoStruxure Platform.

[The WYE](#) is a new series developed for the Power Monitoring and Control Group

[Dr. ION](#) looks into the functionality and features of the ION meters and how to leverage them.

See [Schneider](#)

question of how Indigenous Peoples should be compensated by Canada for historic wrongs. See [CBC](#)

OPG's Growth - Under a new subsidiary Atura Power, OPG has acquired a portfolio of combined-cycle natural gas-fired plants in Ontario. See [OPG](#)

Nuclear Joins Fight Against COVID - Operators of nuclear reactors are using nuclear technologies to detect and fight COVID-19. See [PowerMag](#) and [Newswire](#)

Schneider Electric - Understanding the IEC 61557-12 Standard - Part 1

The IEC 61557-12 Standard, developed by the International Electrotechnical Commission (IEC), establishes a common set of reference requirements for electrical measurement and makes meter comparison easier.

Part one of this post, provides an overview of IEC 61557-12's scope and requirements. Part two provides information on related PMD-testing requirements described by the standard. See Schneider [blog](#)

Radian Research - Webinars and WeMeet Rescheduled

Last week's webinar on 'Configuring and Editing Dataviews for the WATT-Net Suite' is available at [Radian](#) Anyone not on the email distribution list for the webinars can contact [Langford](#)

WeMeet has been re-scheduled to September 15 - 17.

Did You Know - Cannabis Consequences

The impact legal marijuana cultivation is having on the economy is one thing, its impact on energy providers is an entirely different matter.

"The increasing electricity demand we are seeing from this industry is happening especially fast,"• warns Terry Young, vice president of policy, engagement and innovation at the Independent Electricity System Operator.

"The industry consumed a total of 93,000 MWh of electricity in 2018 and is expected to grow by 1,250% by 2024 to 1,258,000 MWh. By 2024, consumption from the cannabis industry is expected to total just under 1% of the province's total power consumption."

See [Power-Technology](#)

At WeMeet RADIANT customers can gain product and application knowledge, learn the latest hardware and software advances, receive hands-on training, and engage directly with the RADIANT community of support staff, sales representatives and customers. Content ranges from general sessions to smaller, specialized groups for the ultimate training experience. See [WeMeet](#)

This monthly e-newsletter offers company news, application notes and product launches from Langford & Associates. [Send Feedback](#) | [Unsubscribe](#)

All brand and product names are trademarks of their respective companies or organizations.

© Copyright 2020 Langford & Associates | All Rights Reserved