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Know Your Power

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

What's New

Visit us! at the EDA Upper Canada District Metering Technologies Conference hosted by Utilities Kingston on May 17 & 18. Contact [Rick Boehme](#) for details.

Registration is now open for the spring Schneider Electric [ION8650 Programming for Meter Techs](#) and [Power Monitoring Expert - Advanced Designer](#) Training courses in Mississauga. See [below](#) for details.

Ontario News

No Better Place - According to OPG, relocating a nuclear-waste bunker from its currently proposed site on Lake Huron would cost billions of dollars, take decades to execute, and increase health and environmental risks. See [CBC](#) and [OPG](#)

In a related story, ten groups and individuals have been given another \$146,000 to help them weigh in on burying hazardous nuclear waste close to the shore of Lake Huron. See [Weeklynews](#)

Verdict on Coal - The minimal benefits of shutting down all of Ontario's coal-fired power plants didn't justify the cost of the closures, according to a new study from the Fraser Institute. See [CBC](#) and the Minister's response at [TheSun](#)

In a related story, OPG is starting the decommissioning planning process at the Nanticoke Generating Station site and is preparing for construction of the Nanticoke Solar Project in 2018. See [OPG](#)

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Product Spotlight! Energy Modeling

It is often hard to make sense of energy data without providing context to the collected data and a reference to events that influence energy consumption patterns. .

Through Energy Modelling, base load data can be combined with influencing factors such as weather, process scheduling and unplanned events, to provide context and value to collected energy data.

Energy modeling can help operators understand what

Lowering Production - The power plant in Iroquois Falls has been asked by the IESO to produce significantly less electricity for the next four months, although they will continue to be paid the amount stipulated in their contract. See [NationalPost](#) and [Sudbury](#)

Cross Border Approval - ITC Lake Erie Connector has won approval of a Presidential Permit for a 1,000 MW, bi-directional, high-voltage direct current underwater transmission line that would provide the first direct link between the markets of the IESO and PJM Interconnection. Approval from the National Energy Board has been received. See [ELP](#)

CDM Partnership - Infrastructure Ontario and the IESO have struck a five-year partnership to test innovative processes, technologies and program delivery models to accelerate the adoption CDM solution by Ontario's broader public sector. See [IESO](#)

Cyber Attack? - A cyber attack on an archaic, unused IP address at Hydro One could be part of a broader hacking campaign, security experts say, though Hydro One has no reason to believe that its power system has been compromised. See [TheStar](#)

The Final Route - Wataynikaneyap Power is connecting 17 remote First Nation communities currently served by diesel generation to Ontario's provincial electricity grid. See [WawatayNews](#)

Backtracking Without Penalty - Guelph has managed to cancel its plans to build two big natural-gas-fired electrical plants without being hit by provincial penalties, says a report that details Guelph's continuing retreat from district heating. See [Guelph](#)

Schneider Electric Training Courses in Mississauga

[ION8650 Programming for Meter Techs](#) - The two day course on April 24-25 focuses on how to setup and program ION revenue meters using the front panel and ION Setup software. Students will configure ION meters for revenue metering, advanced security,

influences their energy usage, identify deviations from the usual pattern, receive notifications for consumption above set levels, and quantify savings and losses. For full presentation from the PLUG Conference see [Langford](#).

Did You Know Ontario's Renewables and Trump

Ontario is ahead of the pack when it comes to low-carbon electricity policy, and has been for quite some time. The province enjoys a vibrant renewable energy sector with leading-edge manufacturing capabilities, a coal-free electricity system, and a project development and finance sector that is active around the globe.

Across the U.S. border, things have changed somewhat recently, at least, at the federal level.

From an Ontario renewables perspective, how much does it matter? For full article see [Gowlings](#)

For the Australian experience when federal support for clean energy faltered see [Utility Dive](#)

communications, energy pulsing, logging and power quality monitoring.

[Power Monitoring Expert - Advanced Designer](#) - The course from April 26-28 focuses on data manipulation using the Designer interface within the PME software. Students will learn the architecture of the ION meter along with using the Designer interface to develop an understanding of how frameworks are constructed.

TSTM FlexPack PVDT System

TSTM's new FlexPack™ Precision Voltage Dividing Transformer (PVDT) System can be built the way you need it. Install the backplane and click in modules that you need for your configuration.

Designed to power today's super-accurate externally-powered meters, the modular FlexPack™ does it all, without needing to stock many different total solutions.

See [TSTM](#)

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