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Know Your Power

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

What's On

Two Power Solutions training courses are available in Mississauga this spring:

- **April 22-23:** ION Meter Programming for Technicians.
- **April 24-26:** Power Monitoring Fundamentals.

To Register: [Schneider Electric Training Courses](#) or see further details [below](#)

Ontario News

Change of the Guard - OPG CEO Jeff Lyash stepped down earlier this month to take a position with the Tennessee Valley Authority. See [TheStar](#) and [OPG](#). In a related story, Ontario has issued a directive to Hydro One, ordering it to pay its CEO no more than \$1.5 million per year. See [CTV](#) and [Ontario](#).

Changing Legislation - The Ontario Minister of Energy, Northern Development and Mines spoke before the Senate committee on Bill C-69 saying that, if passed, this legislation would hinder new natural resource and energy projects across Ontario. See [NewNewsledger](#). In a related story, the government also announced a public consultation to repeal the Far North Act. See [NationalObserver](#).

Winter Disconnects - Early in February, the Sub-metering Council of Ontario announced that its members have voluntarily agreed not to disconnect their clients for non-payment of their electricity bills between now and April 30. See [Global](#).

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Shorting Blocks

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Product Spotlight Benefits of Digital Transformation

A new report recently released by Schneider Electric, reveals not only the tangible benefits of implementing digital transformation into energy management and automation of businesses globally, but its broader importance in helping solve some of the world's biggest problems.

The Global Digital Transformation Benefits Report 2019, which looked at 230 of Schneider's own customer projects in 41 countries over the last five years, first looked at how digitizing

New C&I Rate Design - The OEB has released its Staff Report to the Board on Rate Design for Commercial and Industrial Electricity Customers: *Rates to Support an Evolving Energy Sector*. See [EnergyInsider](#)

Carbon Tax Replacement - Ontario has announced its proposed plan to reduce greenhouse gas emissions, the Industrial Emissions Performance Standards Program ("EPS"). See [Gowlings](#)

Alert System - OPG and New York Power Authority have launched a public safety detection and alerting system that will help around the vicinity of the International Niagara Control Works in Niagara Falls. See [Niagara-Gazette](#) and [OPG](#)

First Net-Zero -The federal government has announced that it will be investing \$3.9 million dollars to help build the first multi-unit residential high-rise building that meets Net-Zero Energy standards, in London, Ontario. See [BarrierSciences](#)

Spinning Again - After two years of sitting at a standstill, the blades of the wind turbine at the Exhibition Place in Toronto are spinning once more. [BlogTO](#)

Schneider Electric -Spring Training Courses

Two courses are being offered in Mississauga this spring:

- **ION Meter Programming for Technicians, April 22-23:** A two day course focused on setting up and programming ION revenue meters using the front panel and ION Setup software. Students will configure ION meters for revenue metering, advanced security, communications, energy pulsing, logging and power quality monitoring.
- **Power Monitoring Fundamentals, April 24-26:** A three-day course focused on how to use a StruxureWare Power Monitoring Expert system effectively. Students will use the software interfaces to monitor, control, analyze, and report on their electrical system.

businesses in various industries, commerce and public sectors, has a positive effect on capital expenditures and operational expenditures, as well as on sustainability, speed and performance.

See [ITBusiness](#)

Did You KnowThe Expansion of DLWC

Enwave Energy Corporation has announced a \$100 million expansion of its Deep Lake Water Cooling (DLWC) system with the support of up to \$10 million in federal funding.

DLWC draws cold water from Lake Ontario to cool hospitals, educational campuses, government buildings, commercial and residential buildings in Toronto's downtown core.

The investment will help Enwave expand the capacity of its DLWC system and serve sustainable cooling to an additional two million square metres of floor space - the equivalent of 40-50 buildings.

See [IDEA](#)

To Register: [Schneider Electric Training Courses](#)

Shorting Blocks

When current transformers are operated open circuited, extremely high voltages can be generated with resultant damage to equipment and personnel.

Before removing a load such as a meter or relay, the CT should be short circuited using a shorting block. The ungrounded secondary of a voltage transformer and the line side of the power supply should be fused before connecting to a device such as a meter or relay.

See [ShortingBlocks](#)

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