

Welcome to the April 2015 issue of the Langford newsletter bringing you product updates and the latest in the Ontario Electricity Industry

Ontario News

Hydro One Privatization - The Ontario government is looking to sell a 10-15% stake of Hydro One as part of an IPO. Three premiers have previously considered selling Hydro One and Premier Wynne's current plan is to use the money raised from the IPO to help fund her \$29-billion program of new subways, rail lines and roads and to spur consolidation of province's patchwork of local electricity distributors. See [G&M](#) and [Gowlings](#)

In two related stories, the Ombudsman blasted Hydro One for sending out letters this winter threatening to cut off electricity to customers in arrears, see [The Star](#) and the OEB has approved the requested increase in distribution revenues for Hydro One of about 19% from 2014 to 2017. See [OEB](#).

Debt Retirement - Ontario is removing the Debt Retirement Charge for all residential consumers and introducing the Ontario Electricity Support Program for low-income families starting January 1, 2016. See [Ontario](#)

New Pilots - Toronto Hydro is introducing

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three pilot programs this spring. [OPsaver](#), for commercial office buildings, [RTUsaver](#) for buildings with roof top A/C units, and [PUMPsaver](#) for multi-unit residential and commercial buildings. For full details, visit [torontohydro](#)

Trade Mission - Ontario will be partnering with the Organization of Canadian Nuclear Industries for a nuclear trade mission to South Korea to promote Ontario companies that provide products and services that match South Korea's energy needs. See [Ontario](#).

Nuclear Storage- Blind River and Elliot Lake are in the running for a permanent storage solution for the waste produced by OPG, Hydro-Quebec and the New Brunswick Power Corporation reactors. See [TorontoSun](#)

Waterpower Centre -The Ontario Waterpower Association has awarded a contract to complete a feasibility study for the proposed Waterpower Reference Centre, a central location for environmental reports, supporting data/information and best management practices. See [OWA](#)

Strong Performance - Ontario achieved strong preliminary energy conservation results in 2014. The results show that LDCs achieved 98 percent of cumulative energy savings, against their energy-savings target set by the OEB of 6,000 GWh for the 2011-2014

Product Spotlight!... The First of its Kind

The new Schneider Electric Smart Grid laboratory at Ryerson University's Centre for Urban Energy in Toronto, opened in early March.

A collaboration between the Ministry of Energy, Schneider Electric and Ryerson University, the lab is available to partners and collaborators looking to "test new products or operational strategies, validate grid transformation solutions, conduct research and train employees" for smart grid technology.

The lab is Canada's first university-based smart grid testbed and has the infrastructure to replicate the operation of a substation and feeders of an electrical distribution system. See [Metering.com](#)

period. See [ieso](#)

Schneider Electric QR Code and IESO Market Data Framework File

IESO Market Data framework file - An updated Schneider Electric Struxureware© PME 7.2 framework is available for [download](#) that will work within a VIP node to import Ontario Electricity Market Data.

Watch Schneider's Youtube video on: [Disturbance Direction Detection](#) (DDD): A Real-Time Power Quality Analysis Feature.

The PM5000 now offers augmented metering information on the cloud via QR code scanning. The scan can improve reliability and traceability of data, can provide verification of work completed by contractors, and the analytics can help understand critical conditions and identify savings opportunities. See [QR Code](#).

ERLPhase New Firmware

New firmware and software is available for L-PRO 4000 and T-PRO 4000 relays, including corresponding Updates to Relay Control Panel and Recordbase View software.

The L-PRO 4000 version 2.5 firmware adds series compensation capability and phase

Did You Know... Audit Funding

If you are looking to become more energy efficient or simply upgrade outdated equipment,

segregated trip indications including associated output matrix, metering and indicator enhancements. The T-PRO 4000 Transformer Protection Relay firmware version 1.2a adds directional earth fault 67N protection, as well as phase segregated trip indications, including associated output matrix, metering and indicator enhancements.

See [ERLPhase](#)

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saveONenergy incentives are available to help reduce payback periods and cut capital costs.

The saveONenergy AUDIT FUNDING incentives for businesses can provide up to 50% of the cost of the energy audit: up to \$25,000 for building owners and up to \$7,500 for tenants. The audit report will identify potential energy savings through equipment upgrades or replacements, operational practices or other building system and envelope projects.

Different audit types include electricity survey and analysis, detailed analysis of capital intensive modifications, or building systems audit. For details visit [saveONenergy](#) or contact your local utility

