



Welcome to the May 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

Save the Date: This year's PowerLogic User's Group (PLUG) Conference will be held October 19.

Ontario News

First Cap and Trade Auction - Ontario held its first Cap and Trade Program Auction of Greenhouse Gas Allowances on March 22. Of the 47 qualified bidders, approximately half were members of the energy industry. See [Gowlings](#)

Storage Albatross - OPG will submit additional information on alternate sites for a proposed deep geologic repository for nuclear waste by May 26. See [Blackburn](#) and [Chatham](#) In a related story, OPG is seeking the renewal of its Pickering Waste Management Facility's licence until 2028 See [DurhamRegion](#)

Rate Reduction - The Regulated Price Plan released by the OEB on April 20 includes a portion of the 25% reduction promised by the provincial Liberals as part of their Fair Hydro Plan. See [Ontario](#)

\$12 Million returned - To improve on its customer service, Hydro One has announced more changes to its customer-facing policies including eliminating residential security deposits. See [Electricenergyonline](#) and [Global](#) In a related story, Hydro One filed a Distribution Rate Application for 2018-2022 See [TheSquare](#)

In This Issue

[Ontario News](#)

Storage, batteries and an albatross

[Product Spotlight](#)

Global Adjustment Solution for ICI

[SchneiderElectric](#)

The Power of ION and the 7400

[Basler Electric](#)

ES-55 Power Factor Relay

[Did You Know](#)

Controlling Power Costs

Product Spotlight! Global Adjustment Solution for ICI

Schneider Electric has developed a **Global Adjustment Solution for Class A customers** participating in the Industrial Conservation Initiative (ICI)

The Global Adjustment solution helps operators understand and receive notifications when a potential provincial peak demand hour will occur and see the impact

Energy Storage - Residents in Goderich are protesting the merit of an energy storage demonstration project as it nears the final stages of local and environmental approvals. See [Dailycommercial](#).

Hydro Project Online - In partnership with Coral Rapids Power, a company owned by the Taykwa Tagamou Nation, OPG has announced the completion of the Peter Sutherland Sr. Generating Station on New Post Creek. See [CBC](#)

Power House - Alectra with the support of the IESO has completed a feasibility study for mass adoption of the residential solar storage pilot, Power House, in Southern York Region. See [IESO](#)

Batteries for Gas - Metrolinx will build a battery energy storage system to provide supplementary power to the LRT instead of the gas-fired power plant that was slated for the Eglinton Crosstown LRT maintenance and storage facility in Toronto. See [TheStar](#)

Schneider Electric The Power of ION and the 7400

The demand for clean, reliable energy is increasing and that requires accuracy, precision, and performance in meters. See the PowerLogic ION7400 video on finding the right meter for feeder applications. [ION7400](#)

Driven by the power of ION technology, a PowerLogic meter transforms into a smarter, programmable solution that easily adapts across a business or operation. Learn how the ION building blocks help create solutions for any power system. See [ION](#) video

Basler Electric ES-55 Power Factor Relay

The latest addition to Basler Electric's line of ES Series Protection Relays is the ES-55 Power Factor Relay that protects synchronous motors from damage during increased loading or decreased excitation conditions. During these conditions, the motor can pull out of synchronization with its rotating field.

demand response can have on their facility.

With data feeds from the IESO along with Schneider metering and software, Schneider provides a comprehensive solution to provide the reporting and notification operators need to manage the loads in their facility to comply with the ICI. See [Schneider](#)

Did You Know Controlling Power Costs

The town of Sterling, Mass., is getting a lot of attention these days. Not only has the Sterling Municipal Light Department won awards for its new solar+storage microgrid, the town is getting visitors from Germany, Japan, Norway and many other countries.

The visitors come to see an innocuous-looking metal box at the utility's electrical substation; the box houses 2 MW of lithium-ion batteries.. The batteries, along with a 3-MW solar array, can be islanded in case of a power outage and will support the town's police station and emergency dispatch center for at least two weeks — more with solar recharging.

But these resilient power benefits are not the reason for all the attention. Sterling is in the spotlight because its municipal utility can use the new battery system to

ES relays offer high-end features not typically found in a low-cost device to provide simple, yet sophisticated, protection for your applications. See [Basler](#)

control rising power costs.
See [Renewable](#)

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