

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

Ontario News

Meter Removal - The Electrical Safety Authority has directed Ontario's LDCs to replace and discontinue use of the iConA Generation 3.2 remote disconnect meters manufactured by Sensus after reports of safety incidents involving meters in Saskatchewan. See [Electric Energy](#)

To Merge or Not to Merge - Horizon Utilities, created after St. Catharines Hydro and Hamilton Hydro merged in 2005, would like to see other Niagara utilities join the fold. Some say merging hydro distribution companies would lead to significant rate decreases others say it's not so cut and dry. See [The Standard](#).

Ten page ruling - The OEB has given wpd Canada the go-ahead to build power lines in road allowances in Clearview township. In its 10-page decision, the OEB noted that wpd has been trying to meet with Clearview Township officials for the last two years, but that township officials refused. See [The Beach](#)

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Product Spotlight!... LUMs

Measurement Canada has released a bulletin for the implementation of the policies and specifications on standardized electricity energy and demand **legal units of measure (LUMs)** established both within and outside of an approved electricity meter.

Standardized electricity energy LUMs: watt hour (Wh), var

LEED Milestone - Canada's total number of LEED certified buildings hit a milestone in late 2014 with the certification of its 2000th project. See [Electric Energy](#).

Confusing Capacity and Energy - A Niagara Falls regional councillor says the new Niagara tunnel is “not producing anything..” OPG , however, said the 10.2-kilometre tunnel is “performing exactly as designed..” Spokesman Neal Kelly said he believes the councillor is confusing capacity and energy. See [Niagara Falls Review](#)

On Budget - The Lower Mattagami Hydro Electric Project has been completed, ahead of schedule and on budget. Six new units will add 438 MWs of electricity to the grid. See [OPG](#)..

Conservation First - Ontario's Environmental Commissioner says he's adopting a wait-and-see attitude towards the government's Conservation First philosophy. based on the 2014 Energy Conservation Progress Report “Planning to Conserve See [ECO](#)

When in Need - A program to help some of Kitchener's poorest homeowners and tenants save energy has seen the number of participants more than triple in just one year. See [The Record](#)

hour (Varh), volt-ampere hour (VAh).

Standardized demand LUMs: watt (W), var (Var), volt-ampere (VA).

Also included are implementation timelines and accommodation policies for existing meters and metering installations. See [MC](#).

Did You Know... Bomb Threats

The number of commercial and industrial (C&I) demand response sites worldwide is expected to grow from 92,000 in 2014 to more than 1 million in 2023, according to a [new report](#) from Navigant Research.

In recent years, DR in the C&I sector has matured and is now treated in some electricity markets as a resource equivalent to generation, the report explains. The changing resource mix in electric grids globally is creating more opportunities for DR to play a pivotal role in balancing loads and ensuring a reliable supply of electricity, particularly during peak demand episodes.

Schneider Electric v407, v405 and Com'X 200 Firmware

As part of the Measurement Canada approved **firmware v407**, all ION8650 PowerLogic meter models now have **disturbance direction detection (DDD)** that enables users to determine the location of a disturbance more quickly and accurately. See [Schneider](#) V407 and v405 have also been **approved by the IESO** for the Conforming Meter List.

Com'X 200 Firmware Version 1.3.5. adds WiFi Infrastructure, Modbus TCP server for embedded digital and analog inputs, and Web Certificate management. The WiFi Infrastructure feature allows the Com'X to be connected to the WiFi network for configuration, data collection, and publishing. See [Schneider](#).

Radian Research RW-30 and RW-31

The new RW-30 and RW-31, a Portable True Three Phase Site Analyzer, from WECO delivers three-phase field-testing utilizing the Radian Research RD-3x series reference standard integrated within the unit. The RW-3x allows you to execute a multitude of tests at the customer's site including testing the meter with the customer's load, performing CT burden and ratio tests, and verifying system

However, the report says that as DR has taken on a more prominent role, regulators and other market participants are calling for tighter requirements to ensure reliable operations and efficient markets that may place more requirements and risk on DR. See [Navigant](#).

wiring. The RW-3x series also provides for Harmonic Analysis, CT Testing, Vectors, and Trends Testing all without ever pulling the meter from its socket. See [Radian](#)

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