



**Happy New Year! Thanks for being with us during another great year!**

## What's New

Langford & Associates will be at **EDIST** on January 18 & 19. See you at booth #6.

Two **Schneider Electric Training courses** will be available in Mississauga this spring.

- ION8650 Programming for Meter Techs, April 24-25
- Power Monitoring Expert - Advanced Designer, April 26-28

Contact [Langford](#) for registration and additional information.

## Ontario News

**Filed in Court** - Members of the Canadian Union of Public Employees have officially filed a lawsuit against Kathleen Wynne regarding the sale of Hydro One. See [CTV](#)

**DGR Decision Delayed** - The federal government will wait another eight months to make a decision regarding OPG's Deep Geologic Repository (DGR) for nuclear waste in Kincardine. See [Blackburn](#)

In two related stories, OPG believes the most efficient and cost effective solution for nuclear waste means two DGRs, see [Blackburn](#) and the Saugeen Ojibway Nation has the power to stop the DGR from coming to the Bruce site. See [Bayshore](#)

**Re-Connecting for the Holidays** - Hydro One has reconnected nearly 200 households since launching its Winter Relief Program on Dec. 7. This represents

## In This Issue

### [Ontario News](#)

Lawsuits, No Clarification, and Missed Targets

### [The Year in Review](#)

### [SchneiderElectric](#)

Horizon Customizations

### [Radian Research](#)

WECO 8000

## The Year in Review

**January** - Door-to-door sales for energy contracts are banned, Ontario updates its contract with Bruce Power, and Lake Ontario is used for a first-of-its-kind energy storage system.

**February** - The government solidifies its control over the OEB with the passing of Bill 112, Hydro One pulls the plug on 36,000 rural smart meters, and OPG moves forward with Darlington refurbishment.

**March** - A March 1 deadline is set for decision on DGR for nuclear waste near Lake Huron, a transmission line under Lake Erie is proposed, and Hydro One buys transmission business from Brookfield Infrastructure.

roughly 20 per cent of the 1,400 Hydro One customers currently living without power. See [Global](#) and [HydroOne](#)

**No Clarification** - The OEB is rejecting a call from the province's auditor general to clarify the global adjustment charge on electricity bills. See [MetroNews](#)

**\$105 Million** - Peterborough city council voted 6-5 in favour of the deal to sell Peterborough Distribution Inc. to Hydro One in December. See [Peterborough](#)

**Missing Targets** - At the end of November Ontario's Auditor General released a report and a press release titled: "Ontario's Cap and Trade Will Not Significantly Lower Emissions Within the Province by 2020: Auditor General" See [EnergyInsider](#)

In a related story, Smart meters are failing to accomplish the chief objective of curtailing electricity demand at peak periods, according to growing research. See [CBC](#)

**Changing Focus** - Ontario will change the way it buys electricity so it doesn't focus on wind, solar or any specific technology, and Ontarians could one day buy electricity in the same way they get natural gas, phone or Internet service — in pricing plans that best suit their lifestyles. See [CTV](#) and [TheStar](#)

**Auction Results** - The IESO's second annual demand response auction resulted in both increased participation and prices for demand response capacity that are 12 to 17 percent lower than those achieved in 2015. See [ieso](#)

## Schneider Electric Additional Channel to ION Meter and Solar Disconnect

At the PLUG Conference in October, Mike Richard and Philip Genovese of Horizon Utilities made a presentation on implementing an additional channel to an ION meter and providing a method of disconnecting Solar FIT installations. .

The need for the additional channel arose when a customer was being charged for no load losses even

**April** - The decision on DGR is delayed, 16 contracts are announced under the large renewable procurement, and the battle for Peterborough Distribution begins.

**May** - A second phase of large renewable procurement is launched, more studies are called for the DGR, and microFIT is temporarily suspended. .

**June** - Government releases Climate Change Plan; Veridian, Oshawa and Whitby sign an MOU, and Hydro-Québec installs charging stations in eastern Ontario.

**July** - Protests against the Hydro One privatization and sale of Peterborough Dist., municipalities want more say on wind farms, and government begins developing new LTEP.

**August** - 15 million share of Hydro One allocated to First Nations, rural 'energy poverty' hits the news, and the OEB says electric vehicle charging stations will not be regulated.

**September** - Conflict over electricity prices, problems with Ontario's cap and trade program, and 50 groups sign an open letter re: the nuclear waste repository near Lake Huron .

**October** - Ontario suspends the second round of LRP, CUPE sues Ontario government over Hydro One sale, and Mayor Tory floats the idea of privatizing Toronto Hydro.

when the transformer had no energy present with costs of approximately \$30 - \$80,000 per year.

The central control room needed to be able to disconnect solar FIT when required. A relay would be activated using the DNP3 protocol and SCADA. A return signal through a digital input verified the relay had been activated. For full presentation see [Langford](#)

## Radian Research WECO 8000 Meter Test Station

The Model 8000 Meter Test Station is a first of its kind - a multi-position test board integrating meter qualification and accuracy. It is the first multi-position test board that can test meters independently and accommodate an unlimited number of sockets, all controlled from one PC controller, designed for high volume ANSI meter testing.

It can be used to accurately test meters and qualify the functionality of any revenue meter. For details see [Radian](#)

**November** - Darlington refurbishment begins, Ontario purchases electricity from Quebec for seven years, and offshore wind is dead in the water.

**December** - Kathleen Wynne admits a mistake re: rising electricity prices, environmental watchdog see cap and trade pitfalls, and the OEB is permitted to make rules about times of year when gas and electricity distributors cannot disconnect consumers.

This monthly e-newsletter offers company news, application notes and product launches from Langford & Associates. [Send Feedback](#) | [Unsubscribe](#)

View this newsletter [online](#), on [LinkedIn](#) or [Tweet](#)

All brand and product names are trademarks of their respective companies or organizations.

© Copyright 2017 Langford & Associates | All Rights Reserved