



**Welcome to the August 2016 issue of the Langford newsletter bringing you product updates and the latest in the Ontario Electricity Industry.**

## What's On...

**Mark Your Calendars!** This year's free PLUG Conference will be held Thursday, October 27 at the International Centre. Keynote speaker to be Kaili Sermat-Harding Assistant Deputy Minister, Ministry of Energy [Register Here](#) .

## Ontario News

**Agreement-in-Principle** - The Province and First Nations in Ontario announced an agreement-in-principle for the Province to sell to First Nations for their collective benefit, up to approximately 15 million shares of Hydro One Limited depending on the level of First Nation participation. See [MofEnergy](#) and [Globe&Mail](#)

**Energy Poverty** - So-called "energy poverty" is getting worse in rural Ontario, a Global News investigation has found. Officials, residents and experts are all sounding the alarm after electricity rates in the province rose 100 per cent in the past decade. See [Global](#)

**Nuclear Concerns** - The CNSC is investigating allegations purportedly from a group of specialists within Canada's national nuclear regulator that Bruce Power and CNSC staff didn't tell the commission at the start of licence hearings that safety assessment deadlines weren't met. See [OwenSoundSun](#)

**Not Required** - The OEB has issued a bulletin stating that Electric Vehicle Charging Services do not require OEB regulation since it is not a distribution activity, does not constitute retailing electricity and does not generally fall under OEB oversight. See [OEB](#)

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## Product Spotlight!... NEO Network and Dan the Man

Schneider Electric has introduced the [New Energy Opportunities \(NEO\) Network](#), a collaborative online platform that helps commercial and industrial companies identify and vet renewable energy, cleantech and energy-efficiency prospects.

As a result, companies are able to find the right tools and

**CCAP Light on Details** - Ontario's Climate Change Action Plan will put incentives in place to encourage retail, commercial and industrial demand for renewable energy installations and there will be increased emphasis on consumer-owned solutions. See [Gowlings](#)

**Changing the Grid** - Solar PV is changing the dynamics of electricity systems globally, and Ontario is no exception. A new report by the IESO shows that solar PV, particularly distributed solar, is impacting Ontario's grid in multiple ways. See [pv-magazine](#)

**Expensive Option** - A study by Strategic Policy Economics demonstrates that increasing electricity imports from Quebec would be an imprudent and expensive option for Ontario. See [CNW](#)

**Retrofit Program Changes** - The Save on Energy Retrofit program has been revised including new prescriptive lighting worksheets for exterior and interior lighting, an expanded custom track and updated M&V Guidelines. See [Toronto Hydro](#)

## Schneider Electric Circuit Breaker Aging and the Metering Link

Circuit breakers are one of the leading equipment blamed in electrical fires. To help reduce this number, Schneider Electric has produced a presentation on understanding the life cycle of circuit breakers, what their condition can tell you about their current state, and introduces the PME 8.0 Circuit Breaker Aging Module. See [Langford](#)

As a convenient resource, follow the [Schneider](#) link for the complete range of metering and power monitoring products and solutions.

## Radian Research - Portable, True Three Phase Analyzer

WECO's RD-3x series Meter Site Analyzer allows the execution of a multitude of tests at the customer's site which includes testing with sources to ANSI requirements, testing the meter with the customer's load, performing CT burden and ratio tests, and verifying system wiring

financial vehicles to meet their sustainability goals — whether it's a power purchase agreement (PPA) for electricity from a wind farm or distributed solar installed on a parking lot coupled with energy storage. See [Schneider](#).

**Videos:** Schneider has developed a series of 'Dan the Man' youtube videos that deal with [power quality](#), [managing energy](#), [increasing reliability](#), [solutions for health care facilities](#), and [integrated equipment](#).

## Did You Know... What Apple, Google and Amazon have in Common

Apple recently made headlines when it established a subsidiary called Apple Energy and filed for authorization to sell capacity, energy and ancillary services in wholesale energy markets nationwide.

Though Apple is the most recent tech company to establish an energy subsidiary, two of its competitors were there first. Google established Google Energy at the end of 2009, and Amazon established Amazon Energy in mid-2015.

delivers the peace of mind that the entire metering installation is correct. 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](#)

These subsidiaries were formed to "identify and develop opportunities to manage the cost of energy" a complex endeavor for corporations with a global footprint.

See [GreenTechMedia](#)

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