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Know Your Power

Welcome to the June Newsletter, bringing you product updates and news from the Ontario electrical industry.

What's On

Save the Date! - This year's PLUG Conference is on October 17.

Ontario News

Rebuilding - The incoming CEO of Hydro One says he aims to rebuild the relationship between the Ontario electrical utility and the provincial government, as well as ties between the company and its investors. See [FinancialPost](#)

Bill 87 - The Ontario government has passed Bill 87 that amends the OEB Act, the Electricity Act, and the Fair Hydro Plan. Key items include reforms to the structure of the OEB and changes to the Fair Hydro Plan. See [EnergyInsider](#) and [Ontario](#)

Issues of Waste - The Nuclear Waste Management Organization began notifying municipalities in Bruce County in May that it's reaching out to private landowners in the area to negotiate access to their land. See [TVO](#) In a related story, whether or not to bury radioactive waste within 1.2 kilometres of Lake Huron will be decided by members of the Saugeen Ojibway Nation by year's end. See [CTV](#)

Energizing Youth - A partnership in Northern Ontario is delivering an energy capacity building and empowerment program for youth aged 18-25. It is designed to engage youth in the Wataynikaneyap Power transmission project. See [Global](#)

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Product Spotlight - \$20 Million in Savings

Lamar University has announced it has reached a \$20 million energy savings milestone as a result of its energy efficiency project with Schneider Electric.

Lamar University achieved this recognition milestone after a 15-year partnership with Schneider Electric. To date, this project has generated \$21,276,086 million in energy savings. Additionally, the project has reduced campus-wide utility consumption by 43 percent,

Waste to Power - A new multimillion-dollar system soon will let a London wastewater plant turn poop into power. The new system is expected to cut energy use and take out 20,000 tonnes of greenhouse gas emissions per year. See [Lfpres](#)

Dam Review - Following this spring's flooding, mayors from Renfrew County and flooded municipalities west of it are calling for an independent review of how OPG operates its dams along the Ottawa River. See [CBC](#)

GA Snapshot - Commercial electricity consumers looking for a snap shot of the current state of the Global Adjustment and delivery of Conservation programs, can find a good summary at [REMI Network](#).

Combustion Engine Rival - Researchers at the University of Waterloo have designed a new hydrogen fuel cell for cars they say could make the technology cheap enough to compete with the internal combustion engine. See [TheRecord](#)

Schneider Electric - New Enercept Meters

Schneider Electric has announced it is extending its line of PowerLogic EM4200 series Enercept energy and power meters to include **five new meters**, which join the previously announced line of Enercept Flex meters.

The new series will provide installers with enhanced application flexibility and options for retrofit applications. The meters are ideal for energy management, tenant sub-billing and demand response applications in existing retail stores and shopping centers, commercial offices, hotels and other types of buildings. They provide a retrofit solution for measuring energy via a single device.

See [YahooFinance](#)

Radian Research - WECO 8000 Meter Test Station

The WECO 8000 maximizes multi-position testing by isolating the sockets. This eliminates the need for socket

saving on average \$1.63 million in annual utility costs.

See [YahooFinance](#)

Did You Know - Record Hydropower

More than 21.8 GW of renewable hydroelectric capacity was put into operation in 2018, according to the 2019 Hydropower Status Report.

Electricity generation from hydropower projects achieved a record 4,200 terawatt hours (TWh) in 2018, the highest ever contribution from a renewable energy source.

China added the most capacity with the installation of 8,540 MW, followed by Brazil (3,866 MW), Pakistan (2,487 MW), Turkey (1,085 MW), Angola (668 MW), Tajikistan (605 MW), Ecuador (556 MW), India (535 MW), Norway (419 MW) and Canada (401 MW). See [Hydroworld](#)

In a related story, Clean Energy is one of Canada's fastest growing industries. See [City](#)

jumper covers and it allows the operator to conduct a meter disconnect test without disrupting the other sockets. Radian's design utilizes a direct drive current source (DDCS) allowing for a maximum use of each socket and eliminating needless operator actions related to installing socket jumper covers. See [Radian](#)

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