

# Milton one of several new energy storage project sites

By Julie Slack  
CANADIAN CHAMPION STAFF

Milton has been chosen to be the site of a leading-edge energy storage project – one of nine locations across the province.

Ontario Minister of Energy Bob Chiarelli was at the Milton Education Village Innovation Centre Monday to release the five companies that were selected by Ontario's Independent Electricity System Operator (IESO) to secure a total of 16.75 megawatts of energy storage in Ontario. Once the projects are up and running — likely around 2018 — they will be able to support reliability by responding to changing grid conditions. It will be able to store energy and provide it back when called upon.

More importantly, it will be able to store energy during periods of lower prices and inject it back into the grid when prices rise.

In total, the projects will cost approximately \$9 million per year.

Locally, the utility grid-scale battery storage system installation will be at the new Milton Hydro headquarters on Chisholm Drive, close to other large electricity consumers such as Modatek systems; it will be operated by Base-load Power Corp. based out of Thornhill.

Frank Lasowski, president of Milton Hydro said, "It's a glorified rechargeable battery,"

“It will strengthen our system and improve service to electricity customers.”

”  
**Bob Chiarelli**  
Ontario Minister of Energy



essentially, adding he's happy it is being constructed here since it will help with future generations as well.

The Milton site will be a four-hour flow battery, capable of two MW performance and eight Mwh of storage capacity. Two full-size Cell-Cubes will be 40 feet by 40 feet in size each, once up and running. They'll be made in Germany by Gildemeister energy solutions, which is an Austrian company. Similar systems are in place in several countries around the world.

"Storage technology remains one of the most innovative and exciting aspects of our energy policy, particularly because of the incredible potential it presents. It will help strengthen our system and improve service to electricity consumers," said Chiarelli. "Our government is proud to see the leadership of these five Ontario companies as they move forward to create good jobs and invest in their local economies."

Added Halton MPP Indira Naidoo-Harris, "Successful projects like this one have the potential to improve efficiency and reliability for the province's electricity consumers. This is an important initiative for our community and our province."

Energy storage has the potential to transform how the IESO plans and operates the power system by providing a range of real-time grid balancing services and injecting or withdrawing energy on demand.

Unlike other forms of energy, electricity has

not usually been stored in large quantities. Cost-effective energy storage allows electricity to be captured and dispatched wherever it's needed.

The IESO selected five successful companies during a bidding process; they are Ameresco Canada Inc., SunEdison Canada Origination LP, NextEra Canada Development and Acquisitions Inc., NRSor Inc., and Baseload Power Corp. In total, this marks the completion of IESO's plan to secure a total of 50 MW of energy storage in Ontario.

## STIRLING MONTESSORI ACADEMY

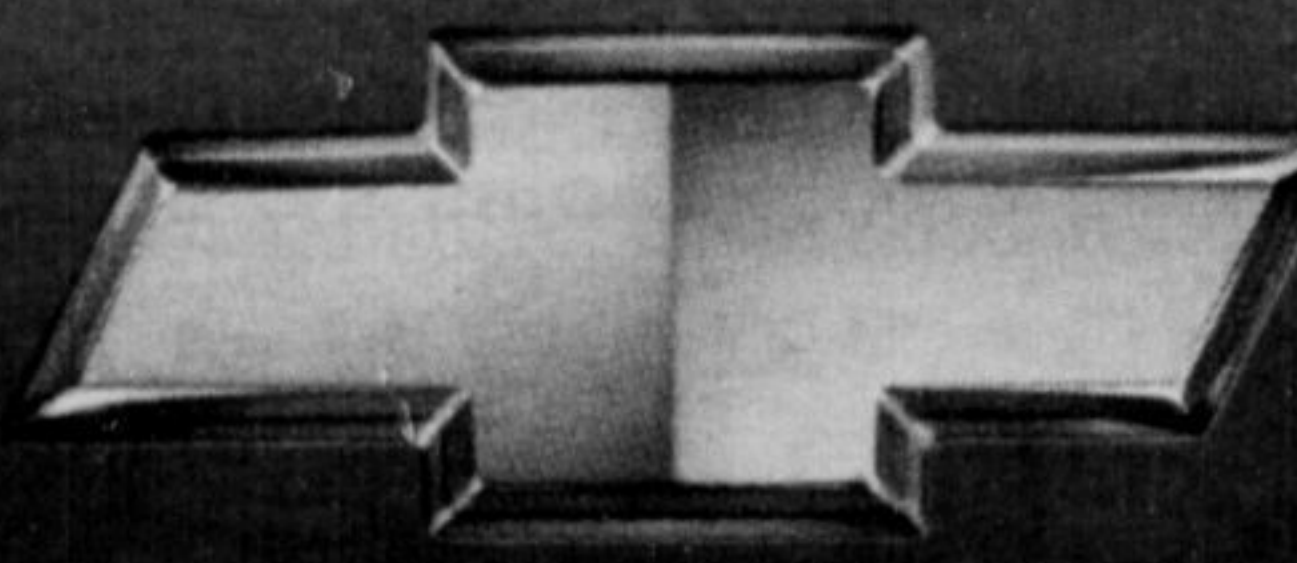
### Book a Tour

Fully Accredited Montessori Teachers  
Full & Half Day Programs for ages 2 1/2 - 6

**905-864-6000**  
123 Main St. East Milton  
[www.stirlingmontessori.com](http://www.stirlingmontessori.com)




# Wallace



CHEVROLET

## BLACK FRIDAY EVENT

GET **20%** OF MSRP  
= UP TO **\$11,005** CASH CREDIT ON SILVERADO LD CREW LTZ 4X4

CASH CREDIT ON SELECT 2015 MODELS

Ends November 30th

**905-878-2355**  
801 Main St., East Milton  
[www.wallacechev.com](http://www.wallacechev.com)

