

IESO York Region

Non-Wires Alternatives Demonstration Project



Join us as we shape Canada's **first ever** local electricity market

We're designing and demonstrating the first local energy market in Canada — allowing the energy resources of our business and institutional customers to compete in providing grid services while also operating directly with the provincial wholesale energy market.



Project Sponsor



Natural Resources Canada / Ressources naturelles Canada

Canada

Funding Partner



Delivery Partner



Gas-fired resource



Battery storage



Demand Response

Facilities with these energy assets or demand response capabilities could

earn up to **\$280,000 per MW***

Alectra is partnering with the IESO to deliver the IESO York Region Non-Wires Alternatives Demonstration Project, Canada's first distribution level local electricity market. Through the project we will procure customer distributed energy resources (DERs), including gas-fired resources, battery storage, and demand response activities to help defer and address system need for traditional wires infrastructure.

The demonstration allows commercial and industrial facilities to leverage on-site energy resources to earn revenue while helping power local communities. Participants receive a monthly payment for committing to deliver their capacity, plus payments for delivering or reducing energy. Facilities can receive potential earnings of up to \$280,000 per MW for the duration of the commitment period (May 1 to October 31, 2021).

Initial Registration Period (1 month)	Register your business or institution, as a direct customer or aggregator, and the DER(s) available for auction.
Local Capacity Auction (Two days)	Tell us the DER capacity you are able to provide and your offer price. We will then run the local capacity auction and offer a contract to each DER that clears the Auction.
Forward Period (5 Months)	Confirm acceptance of your Local Energy Auction contract and provide supplemental information on each of your participating DERs.
Commitment Period, Local Energy Auction (6 months)	Submit bids or offers for each of your committed DERs and be available to reduce or deliver energy upon activation. Your DER(s) may be called upon for a maximum of 10 times, between the window of 12pm to 9pm on business days, with a maximum duration of 4 hours each.

Your participation will help us understand how local DERs can meet local, regional, and province-wide electricity needs.



Registration Closing October 28, 2020 | YRDemo.com

To learn more: Visit Alectra.com/NWA | Call **1-844-210-2131** or email us at NWADemo@AlectraUtilities.com

*Estimate based on a Capacity price of \$1.6/kW-day and Energy Price of \$2/kWh, for 10 activation events of four hours each, and one test activation during the commitment period (May 1 to October 31, 2021). Estimates subject to the local clearing price.