



# Meeting Minutes: Public Meeting for the Proposed Trail Road BESS Project

Evolugen hosted a Public Meeting to introduce the proposed Trail Road BESS Project at the Manotick Community Centre (5572 Dr Leach Dr, Manotick, ON K4M 1L7) in the Main Hall on Tuesday, November 28, 2023, from 6:30 – 8:30 p.m.

## Background & Meeting Purpose

After more than a decade of strong supply, Ontario is entering a period of emerging electricity system capacity needs, driven by:

- Increasing demand
- Retirement of the Pickering nuclear plant
- Refurbishment of other nuclear generating units, as well as
- Expiring contracts for existing facilities

To address these needs, the Ontario Independent Electricity System Operator (IESO) is continuing their competitive procurement process through the Long-Term Request for Proposals for ~2,500 MW of year-round renewable energy (1,600 MW of energy storage and 900 MW of natural gas).

In response to the IESO RFP, Evolgen is proposing the Trail Road BESS project. The purpose of this meeting is to introduce the project to the local community and obtain feedback that can be incorporated or addressed if the project moves forward.

## Agenda

- 6:30 – 7:00 pm: Welcome and open opportunity to engage with Project team members
- 7:00 – 7:30 pm: Project presentation
- 7:30 – 8:30 pm: Question and answer session

## Participants

### Internal

- Mike Peters, Director, Public Affairs (Presenter), Evolgen
- Alexandre Pépin-Ross, Vice-President, Asset Development, Evolgen



- Rémi Moreau, Vice-President, Government and External Relations, Evolugen
- Zachary Benoit, Senior Analyst, Business Development, Evolugen
- Robyn Moffatt, Manager, External Relations, Evolugen
- Jocelyn Zuliani, Energy Storage Consultant, Hatch

#### External

- 24 participants signed-in, with ~5 more who opted not to sign in.

#### Meeting Minutes

Time	Details
6:30 – 7:05 pm	Participants had the opportunity to read the eight Project poster boards located throughout the Hall and ask questions to the Project Team. <i>(Project poster boards are available on our website).</i>
7:05 – 7:55 pm	Formal Project presentation (PowerPoint) displayed on the projector screen, presented by Mike Peters & Jocelyn Zuliani. <i>(Project presentation is available on our website).</i> <ul style="list-style-type: none"><li>• Welcome &amp; Thanks for Attending<ul style="list-style-type: none"><li>○ Presentation Outline<ul style="list-style-type: none"><li>▪ Who we are</li><li>▪ IESO LT1 RFP overview</li><li>▪ What is the Project</li><li>▪ Why this location</li><li>▪ Fire Safety</li><li>▪ Next steps</li><li>▪ Open Q&amp;A</li></ul></li></ul></li><li>• Canadian Presence – asset map<ul style="list-style-type: none"><li>○ In Canada, Evolugen owns and operates 61 renewable energy facilities, including 33 hydroelectric facilities, 4 wind farms, and 24 solar sites, with a total installed capacity of 1,912 MW, located across British Columbia, Ontario and Quebec. Recently, Evolugen announced a new to-be-built ~40MW solar facility in Alberta. As a renewable energy industry leader, Evolugen provides sustainable solutions designed to accelerate the transition to a low-carbon future in Canada.</li></ul></li></ul>

	<ul style="list-style-type: none"> <li>• Ontario Presence – asset map <ul style="list-style-type: none"> <li>○ In Ontario, Evolugen owns and operates 49 renewable facilities, including 21 hydroelectric facilities, 4 wind farms, and 24 solar sites (4 utility and 20 distributed generation installations), totaling an installed capacity of 1,448 MW. Evolugen continues to advance development projects across Ontario, including but not limited to the Fitzroy BESS. In addition to various renewable facilities, Evolugen has six Plant Offices (small offices) located across the province.</li> </ul> </li> <li>• Our Philosophy <ul style="list-style-type: none"> <li>○ Foundation of our approach to doing business is a collaborative strategy to operating sustainably. <ul style="list-style-type: none"> <li>▪ Operating sustainably - Growing our renewable power portfolio while also having a positive environmental, social and economic impact on the communities where we live and work.</li> <li>▪ Partnering locally- Our relationships with the communities where we own and develop assets is key to the success of all and, is predicated upon building trust through open dialogue and shared knowledge.</li> <li>▪ Developing collaboratively - Striving to be a trusted partner of choice for governments, organizations and Indigenous Peoples looking to sustainably develop Canada’s renewable power resources.</li> </ul> </li> </ul> </li> <li>• Uniquely Positioned Partner <ul style="list-style-type: none"> <li>○ Evolugen’s capabilities include: <ul style="list-style-type: none"> <li>▪ Extensive experience owning and operating renewable assets</li> <li>▪ Broad expertise in project development</li> <li>▪ across multiple technologies</li> <li>▪ Low-risk developer with reputation for delivering on-time and on-budget</li> <li>▪ Significant experience partnering with host communities and First Nations</li> <li>▪ Committed to long-term and sustainable partnerships</li> <li>▪ Execution excellence in complex business environments</li> <li>▪ Sophisticated in-house trading, risk management and control centre capabilities</li> </ul> </li> </ul> </li> </ul>
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	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Robust Health Safety Security &amp; Environment (HSS&amp;E) policy supported by our Environmental, Social &amp; Governance program</li> </ul> </li> <li>• Independent Electricity System Operator (IESO) LT1 RFP           <ul style="list-style-type: none"> <li>○ Ontario recently launched a competitive procurement process, called the long-term request for proposals, LT1 RFP.</li> <li>○ After more than a decade of strong supply, Ontario is entering a period of emerging electricity system capacity needs, driven by:               <ul style="list-style-type: none"> <li>▪ Increasing demand</li> <li>▪ Retirement of the Pickering nuclear plant</li> <li>▪ Refurbishment of other nuclear generating units, as well as</li> <li>▪ Expiring contracts for existing facilities</li> </ul> </li> <li>○ To address these needs, the Ontario Independent Electricity System Operator (IESO) is continuing their competitive procurement process through the Long-Term Request for Proposals for ~2,500 MW of year-round renewable energy (1,600 MW of energy storage and 900 MW of natural gas).               <ul style="list-style-type: none"> <li>▪ Projects must obtain all relevant permitting licenses and conduct mandatory environmental assessments to ensure compliance with the current regulatory framework.</li> </ul> </li> </ul> </li> <li>• How BESS Projects Work           <ul style="list-style-type: none"> <li>○ Energy storage adds grid capacity, enhances flexible grid operations and avoids greenhouse gas (GHG) emissions in Ontario by reducing the need for carbon-intensive power plants during times of peak demand.</li> <li>○ Diagram showing overview of the charge, discharge and battery.</li> </ul> </li> <li>• Trail Road BESS Project Overview – Scale Map           <ul style="list-style-type: none"> <li>○ Brookfield Renewable Power Inc. (BRPI) or an affiliate will be advancing the Trail Road BESS Project.</li> <li>○ Project will consist of installing battery modules, additional power equipment, light civil, safety and security infrastructure.</li> <li>○ Scale map that showed the boundaries of the Project site, the proposed location of battery containers and substation, location of the connection point and location of the connection line/transmission lines.               <ul style="list-style-type: none"> <li>▪ Project is in the feasibility stage</li> <li>▪ Sits on ~8 acres of a ~53-acre site</li> </ul> </li> </ul> </li> </ul>
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	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Adds up to 150 MW of capacity and 600 MWh of energy storage</li> <li>▪ Interconnects to IESO using the nearby 230 kV circuit</li> <li>▪ LFP chemistry batteries. We have not chosen a supplier yet.</li> </ul> </li> <li>• What BESS Facilities Look Like           <ul style="list-style-type: none"> <li>○ An operational 100 MW BESS facility in Texas. Our facility would be 50% bigger, but this gives an idea of the container size, fencing, and substation.</li> </ul> </li> <li>• Why This Location           <ul style="list-style-type: none"> <li>○ We're exploring all options to be an economic driver in the community, working with the City of Ottawa, First Nations and partners to explore sustainable solutions</li> <li>○ The Trail Road BESS Project:               <ul style="list-style-type: none"> <li>▪ Is strategically positioned near an existing 230 kV transmission line with available capacity to support a 150 MW BESS</li> <li>▪ Is located on Rural Land, avoiding development on agricultural land, to conform with the City of Ottawa's Official Plan</li> <li>▪ Is situated more than 700 meters from the nearest residential home to lower the impact of noise and visual obstructions</li> <li>▪ Is located ~45 minutes from our Gatineau office</li> </ul> </li> <li>○ Evolugen is committed to working with the City to ensure alignment with the Official Plan, relevant bylaws, and zoning requirements.</li> </ul> </li> <li>• Trail Road BESS Project Highlights           <ul style="list-style-type: none"> <li>○ Project adds renewable capacity and storage to meet Ontario's rising energy demands, especially during peak-periods, reducing the chance for power outages.</li> <li>○ Project represents a local innovative low-carbon solution, supporting sustainability efforts by reducing reliance on higher carbon intensive facilities.</li> <li>○ Project is in the feasibility stage; subject to the IESO determining the Project to be best for Ontario ratepayers.</li> <li>○ Community benefit fund will be established to ensure contributions from the Project into the local community to support various</li> </ul> </li> </ul>
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	<p>programs and initiatives, and additionally, will contribute property taxes to the City of Ottawa.</p> <ul style="list-style-type: none"> <li>• Community Benefit Fund <ul style="list-style-type: none"> <li>○ We strongly believe in being an active partner in the Ottawa region, as mentioned earlier. <ul style="list-style-type: none"> <li>▪ Trail Road BESS will establish a community benefit fund of \$150,000 annually, aimed at supporting local organizations that contribute to the well-being of the community.</li> <li>▪ As part of our culture, we support local programs, initiatives and organizations, including the Ottawa Food Bank, the CHEO Foundation, Dress for Success Ottawa, Ottawa Riverkeeper and more.</li> <li>▪ We would seek community feedback on how to establish and administer the fund to ensure there is local input on what organizations and projects are being chosen and supported.</li> </ul> </li> </ul> </li> <li>• Environmental Considerations <ul style="list-style-type: none"> <li>○ We're committed to working with the community and authorities to ensure safe and thoughtful planning of the Trail Road BESS Project.</li> <li>○ Some of the primary considerations include: <ul style="list-style-type: none"> <li>▪ Noise</li> <li>▪ Wildlife</li> <li>▪ Fire</li> <li>▪ Wetlands</li> <li>▪ Trees</li> </ul> </li> <li>○ If Evolgen is chosen by the IESO, we will need to obtain all required approvals and permits from the City of Ottawa and provincial authorities.</li> </ul> </li> <li>• Safety &amp; Fire Mitigation <ul style="list-style-type: none"> <li>○ Our safety culture is exemplified by more than two decades of experience and our track record of zero employee or contractor fatalities.</li> <li>○ Core elements of our fire safety approach include: <ul style="list-style-type: none"> <li>▪ Prevent <ul style="list-style-type: none"> <li>• Technology and Supplier Selection (Tier 1)</li> <li>• Design with safety in mind</li> <li>• Safety Certification and codes</li> <li>• Testing for Performance and Safety</li> </ul> </li> </ul> </li> </ul> </li> </ul>
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	<ul style="list-style-type: none"> <li>• Emergency Response Plan</li> <li>▪ Monitor             <ul style="list-style-type: none"> <li>• Battery Management System (BMS) to monitor temperature, voltage, and more</li> <li>• 24/7 staffed monitoring facility, located in our Gatineau office</li> <li>• Maintenance program to ensure adequate BESS health</li> </ul> </li> <li>▪ Respond             <ul style="list-style-type: none"> <li>• Fire response training and coordination</li> <li>• Water is the preferred suppressant for firefighting</li> <li>• Work with local first responders to ensure safe and effective response in case of an emergency</li> </ul> </li> <li>• Battery System Make-up (photos)             <ul style="list-style-type: none"> <li>○ Individual Cell</li> <li>○ Cells within the Module</li> <li>○ Module</li> <li>○ Cabinet Set Up</li> </ul> </li> <li>• Fire Safety: Prevent             <ul style="list-style-type: none"> <li>○ Safety is applied at all design levels of battery systems – cells, modules, racks, enclosure, and Battery Management System. Rigorous testing and certification is required for all products.</li> <li>○ Equipment Design to ensure prevention include:                 <ul style="list-style-type: none"> <li>▪ LFP Chemistry</li> <li>▪ Cell Design (Specialized separator/layers to prevent thermal runaway, vent system to prevent build up of pressure)</li> <li>▪ Propagation Prevention</li> <li>▪ Rack level electrical protection</li> <li>▪ Fire Suppression System</li> <li>▪ Ventilation System</li> <li>▪ Appropriate clearances to prevent propagation</li> </ul> </li> <li>○ Prevention Testing &amp; Certification                 <ul style="list-style-type: none"> <li>▪ Battery Cells, Modules &amp; Racks and Battery Management System                     <ul style="list-style-type: none"> <li>• UL1973 &amp; UL1642</li> <li>• Safety features and design</li> </ul> </li> <li>▪ Testing completed at cell, module and unit level</li> </ul> </li> </ul> </li> </ul>
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	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>• UL9540A tests behavior in thermal runaway event</li> </ul> </li> <li>▪ Battery System           <ul style="list-style-type: none"> <li>• UL9540 Container &amp; System level safety</li> <li>• NFPA 855 Container Design and Site Design Safety</li> </ul> </li> </ul> </li> <li>• Fire Safety: Monitor       <ul style="list-style-type: none"> <li>○ Facility will be monitored 24/7 by Evolugen’s remote control center. Multiple levels of monitoring, including at the cell, rack, container and site level.</li> <li>○ System Monitoring Includes:           <ul style="list-style-type: none"> <li>▪ Battery Management System</li> <li>▪ Cell &amp; Module Level Monitoring               <ul style="list-style-type: none"> <li>• Temperature sensors and protection</li> <li>• Overcharge/Over-discharge (voltage) sensors and protection</li> <li>• Overcurrent sensors and protection</li> </ul> </li> <li>▪ Container will disconnect in event of alarm</li> <li>▪ Container smoke, heat &amp; temperature detection</li> <li>▪ Any alarms will be sent to Evolugen, Battery Supplier and First Responders</li> </ul> </li> </ul> </li> <li>• Fire Safety: Respond       <ul style="list-style-type: none"> <li>○ Evolugen will develop a comprehensive Emergency Response Plan and will work with the community and first responders to develop the plan and approach.</li> <li>○ Three levels to our response           <ul style="list-style-type: none"> <li>▪ 1: Automatic Response               <ul style="list-style-type: none"> <li>• System Alarms                   <ul style="list-style-type: none"> <li>○ Sent to Monitoring Facility &amp; Fire Department</li> </ul> </li> <li>• System is shutdown automatically</li> <li>• Ventilation is activated to vent any gases built up</li> </ul> </li> <li>▪ 2. First Responders               <ul style="list-style-type: none"> <li>• Advanced Training for First Responders</li> <li>• Assess Situation &amp; Coordinate Response</li> <li>• Fire Suppression</li> <li>• Water is the preferred suppressant due to cooling capabilities</li> </ul> </li> </ul> </li> </ul> </li> </ul>
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	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ 3. Contain           <ul style="list-style-type: none"> <li>• Prevent spread to other containers</li> <li>• Clearances</li> <li>• Spray with water as needed</li> <li>• Continue to monitor &amp; respond as needed</li> </ul> </li> </ul> </li> <li>• Project Timeline &amp; Next Steps       <ul style="list-style-type: none"> <li>○ May 2023: RFP Launches           <ul style="list-style-type: none"> <li>▪ IESO launches RFP and posts Draft LT1 RFP &amp; Contract</li> </ul> </li> <li>○ Sept 2023: Deliverability Results Posted           <ul style="list-style-type: none"> <li>▪ IESO concludes Deliverability Test, sharing which projects are deliverable</li> </ul> </li> <li>○ Nov 2023: Open House           <ul style="list-style-type: none"> <li>▪ Hosting our open house tonight to introduce the Project</li> </ul> </li> <li>○ Dec 12, 2023: IESO bid submission due           <ul style="list-style-type: none"> <li>▪ Evolgen must submit Project submission to the IESO</li> </ul> </li> <li>○ Q2 2024: IESO Contract Announcement           <ul style="list-style-type: none"> <li>▪ IESO will announce contract offers for successful projects</li> </ul> </li> <li>○ Permitting: obtain permits from the City of Ottawa, Rideau Valley Conservation Authority and provincial authorities</li> <li>○ Q2/Q3 2025: Construction Commences           <ul style="list-style-type: none"> <li>▪ If the Project is awarded a contract and obtains all necessary permits &amp; approvals, construction will commence</li> </ul> </li> <li>○ Q2 2028: Facility to be operational</li> <li>○ 2048: Fixed Contract Duration           <ul style="list-style-type: none"> <li>▪ If successful, the Project would be awarded a 20+ year contract with the IESO with a fixed monthly payment based on the submitted Fixed Capacity Price (FCP).</li> </ul> </li> </ul> </li> </ul>	
7:55 – 8:45 pm	<b>Questions</b>	<b>Answers</b>
	Are you exploring decentralized solutions for Trail Road BESS? Similar to what the United States has been doing, smaller, decentralized systems.	With the Ontario Independent Electricity System Operator’s (IESO) long-term request for proposals, they are not prioritizing smaller decentralization projects, this is a bulk request. However, should the Trail Road BESS Project be awarded a contract from the IESO, it would complement other projects, delivering service and reliability to the overall grid

		and the IESO. At this time, we are not exploring decentralized solutions.
	What are the economics of the Project?	The Ontario Independent Electricity System Operator (IESO) will be procuring projects that are deemed best for Ontario ratepayers.
	How will the Project reduce blackouts? If this Project has 4 hours of capacity, and power goes out for a week, can the battery supply that?	The Trail Road BESS Project would contribute to the overall reliability of the grid by providing additional capacity. During a blackout, the Trail Road BESS Project cannot repower the entire community, but the Project can help prevent these types of blackouts from occurring with reliable storage.
	In your presentation you mentioned that you own and operate wind, hydro and solar, but not battery storage. Is this your first BESS project?	Brookfield Renewable, our parent company, is a global owner and operator of renewable power facilities, including battery energy storage. We leverage expertise from our global teams. This would be our first BESS project in Canada.
	Are these types of projects getting safer?	Yes, the technology continues to advance, and safety standards and certifications are updated constantly to ensure safe operations. If awarded a contract from the IESO, the Trail Road BESS Project would meet and comply with all required standards and certifications, from the UL (Underwriters Laboratories, a main standard organization) codes to NFPA (National Fire Protection Association) codes and standards.
	You mention safety continues to improve, but the fire risk is still ~5%, not 0?	We understand that there are risks associated with virtually everything we do, but we are working to ensure the safest standards at the Trail Road BESS, approaching the facility as if we live next door. There are rigorous standards in place for the implementation of BESS projects and the Trail Road

		<p>BESS Project will comply with all industry safety standards, codes and certifications.</p>
	<p>What are you doing to protect the Project from extreme weather events like ice storms and windstorms?</p>	<p>Evolugen has safely owned and operated large hydropower facilities for more than 20 years, which are monitored and controlled from our national control centre at our Gatineau office. For the Trail Road BESS Project, we will work with professional engineers and consultants to ensure the facility is designed to withstand local weather conditions.</p> <p>To prepare for severe weather events like ice storms and windstorms, we will include a specific section in our Emergency Preparedness &amp; Prevention section of our Emergency Response Plan.</p> <p>Our design will also follow the Canadian National Building Code that prescribes site-specific climate related load (wind, snow, rainfall, earthquake, etc.) requirements. Also, based on our experience and professional engineers' recommendation, Evolugen may opt to increase the safety factors on some of the climate related design parameters to account for the impact of climate change.</p>
	<p>What happens if your 24/7 monitoring facility at your Gatineau office loses power and the Trail Road BESS loses power?</p>	<p>We operate all our facilities from our national control centre at our Gatineau office. In the case that our Gatineau office should lose power, the control centre has its own back-up diesel generator to ensure we maintain control and communication with all our facilities. On top of this, we also have an N-1 redundancy for our control centre, where we can relocate our control centre to an alternate location, that is kept secret, that also has back-up power generation.</p> <p>Should we lose power that the Trail Road BESS site, we will have a back-up generator activated to power</p>

		<p>all the ancillary load of the systems, meaning we would not lose control nor communication with the site, and all the safety systems would still be functional.</p> <p>Finally, we can also dispatch resources to the site for local control in the event remote operation would not be possible from either control centre locations.</p>
	Will the Trail Road BESS be fed into the Nepean line?	<p>During the meeting, we unfortunately did not know the answer to the question, but further to our commitment to providing attendees with updated Project information, we confirm that the Project will connect to the E34M circuit.</p>
	What efficiency losses will the facility experience? Especially in the winter when it snows?	<p>The Trail Road BESS will be equipped with a heating and cooling system to maintain a temperature of 10-35°C, optimally 22°C.</p> <p>Given the battery cells are kept in an insulated and heated/cooled enclosure, we don't anticipate efficiency losses during the winter. During cold weather, should the heat generated by the battery system not be sufficient to keep the battery at its optimal temperature, we would activate the heaters in the enclosures to operate the battery within the optimal operating temperature range.</p> <p>We do expect degradation over time of the batteries; however, we plan to add more containers every 5-10 years to ensure efficiency remains consistent. The project footprint and maps communicated are considering the total footprint at the end of life of the asset (in 2048).</p>
	Will your company be responsible for	<p>Yes, we will be responsible for constructing and maintaining the access road.</p>

	<p>constructing the access road?</p>	
	<p>Will your company also be responsible for building the connection lines?</p>	<p>Yes, we would need to build connection lines to connect our Trail Road BESS substation to the grid.</p> <p>HONI will be responsible to build the switching equipment at the connection point.</p>
	<p>Are you going to build a well on-site?</p>	<p>We are aware that there is no on-site water at the Trail Road BESS. We will work with the Ottawa Fire Service and local emergency responders to ensure there is an adequate plan for water and together, we will determine whether upgrades are required or whether tanker trucks can shuttle water from nearby hydrants. Constructing a well is one of the options being considered, but to clarify, BESS systems do not need access to water for normal operations.</p>
	<p>What does your decommissioning plan look like?</p>	<p>If awarded a contract from the IESO, the latest it would start is May 2028 and last 20 years, so 2048. At the end of the 20-year contract, if there is still a need for the battery to ensure the resilience of the electrical system and we are able to obtain another contract from the IESO, we would extend the life of the facilities including battery replacement if necessary. If, however, there was no longer a need for the system, we would remove the batteries and remediate the site.</p>
	<p>What do you do with batteries after their lifecycle? Can you recycle them in Ontario?</p>	<p>The battery recycling processes continue to be developed and evolve. Recycling processes are being developed which recycle lithium-iron phosphate batteries, as well as other lithium-ion chemistries used more commonly in electric vehicles. The batteries are recycled to capture as many minerals as possible and materials to reuse them in future purposes.</p>

		We do know of a battery recycling company that is headquartered in Kingston, Ontario, but do not know where their processing facilities are.
	From looking at your map, will you own 53 acres? Is the project not on 8 acres?	We have a conditional offer to purchase the 53 acres of private land if the Project is awarded a contract from the IESO. We would develop the Project on ~8 acres of the 53 acres and the remainder will be untouched. There will be no net tree loss from the Project, which may include planting additional trees on the property or in a suitable area near the property.
	How much money will your company make from this Project?	The core business case for the project is the contract that successful applicants will receive from the IESO. This contract will compensate projects for having capacity ready to inject into the grid when it is required. The IESO is procuring projects that are deemed best to Ontario ratepayers.
	What happens if you sell the Project? Or if your company goes bankrupt?	We would be the owner and operator of the facility and if the facility were to be sold, that new owner would inherit the contractual commitments that we made with the IESO. If we were to sell, from an operational perspective the buyer would then need to take on the contract and legal obligations.
	Are there other local benefits from the Project?	We think of benefits at a scalable level. Firstly, at the provincial level by providing grid reliability and stability. Secondly, at the City of Ottawa level by paying property taxes and building up the experts, working with local suppliers and contractors in Ottawa. Lastly, we look at the community level, through our community benefit fund of \$150,000 annually, we will work with local residents to gather input on what organizations and projects are being chosen and supported. We already work with various local organizations, from the Ottawa Food Bank and



		harvesting vegetables at their farm or participating in CHEO's Race for the Kids.
	As time goes on will you switch the technology of the batteries?	Overall degradation is planned throughout the lifecycle of the project, but we do not expect to switch the technology chemistry, although it's not impossible. We would have a 20-year contract with the IESO as well as battery suppliers. We expect the LFP chemistry to continue leading battery safety.