

**Guelph Community Engagement Meeting Minutes –**

**MEETING SPECIFICS:**

- Date – December 6<sup>st</sup>, 2022
- Location - Evergreen Seniors Community Centre, Room 3  
683 Woolwich St, Guelph, ON N1H 3Y8
- Host – Jafar Mohammadi, Manager – DES (Alectra/Convergent Representative)

**ATTENDEES (in order of arrival) –**

1. Linden G.

**NOTES:**

- Meeting started at 4 pm and ended at 6pm
- Obtained consent to post Q&A's on project website
- Slideshow presented including:
  - Introduction of Alectra and Convergent and the JV
  - IESO RFP background including the Long Term and Expedited processes
  - Project details for the site – Address, MW size, example pictures, etc.
  - Project benefits including – economic, resiliency, environmental

**Q & A:**

Question	Answer
1. Are you expanding the Arlen transformer station for building the battery storage units?	<ul style="list-style-type: none"><li>• No, the battery storage units will be located at the south side of transformers within the Arlen station property lines.</li></ul>
2. What is the size of the battery storage units?	<ul style="list-style-type: none"><li>• The size of battery storage units will be 20MW with 4 hours duration.</li></ul>
3. How big are these battery units?	<ul style="list-style-type: none"><li>• Depending on the size, basically one container per 2-4 MWh of capacity plus transformers, switchgears (referred to presentation pics).</li></ul>
4. What are the local benefits?	<ul style="list-style-type: none"><li>• The battery energy storage units enable faster and more affordable electrical connections for new industrial, commercial, and residential development; it's a more cost-effective and sustainable alternative to traditional poles and wires infrastructure upgrades.</li><li>• The planning, construction, operation, and maintenance of these BESS will create local jobs.</li><li>• The battery energy storage units reduce the grid GHG emission by charging at night and discharging during the day, which reduces the need for gas peaking plant output.</li><li>• The battery energy storage units increase the power supply reliability and resiliency by reducing outages in the community during extreme weather events and</li></ul>

	improving restoration timeline when outages do happen.
5. What are the benefits for Customer ?	<ul style="list-style-type: none"> <li>• The battery energy storage units increase the power supply reliability and resiliency by reducing outages in the neighborhood during extreme weather events and improving restoration timeline when outages do happen.</li> <li>• The battery energy storage units can improve the power supply quality in the neighborhood by quickly and reliably supporting voltage, regulating frequency, and providing power capacity – all essential needs of any electricity system.</li> </ul>
6. How will be the traffic during the construction and installation of the battery storage units?	<ul style="list-style-type: none"> <li>• There will be very minor traffic as these new battery storage units are containerized and ready for quick installation.</li> </ul>
7. What will be the noise level when the battery storage units are in operation?	<ul style="list-style-type: none"> <li>• As the battery storage units are containerized without any rotating parts, the noise level will be limited to 65dB which will be less than the noise created by station transformers.</li> </ul>
8. When will it be built?	<ul style="list-style-type: none"> <li>• The goal for in-service by May, 2025 so construction in summer/fall 2024 and engineering/procurement in 2023 after contract award currently expected</li> </ul>
9. Are you skipping any of the city permitting process by getting community engagement support?	<ul style="list-style-type: none"> <li>• No, we are looking for the community engagement support to increase our chance to get our bid approved. After the contract is awarded by the IESO, we will go through all permitting process.</li> </ul>