

Staff Report



To	City Council
Service Area	Infrastructure, Development and Enterprise Services
Date	Tuesday, December 13, 2022
Subject	Alectra Convergent Development LP's Battery Storage Project Proposal

Recommendation

1. That Council review Alectra Convergent Development LP's Battery Energy Storage (BESS) project proposal as explained in Attachment-1 and adopt the resolution of support for the project contained in Attachment-2.
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Executive Summary

Purpose of Report

This report brings forward a resolution of support for a project proposal by Alectra Energy Solutions in partnership with Convergent Energy + Power (Alectra Convergent Development LP) for a Battery Energy Storage System (BESS) project on Alectra-owned lands located at 436 Clair Road West in the City of Guelph.

Key Findings

- A Council Resolution will assist a proposal submission by Alectra Convergent Development LP to the Independent Electricity System Operator (IESO) for providing capacity to the electricity system using a BESS.
- Alectra Convergent Development LP has stated multiple benefits of the BESS project which include financial benefits, increased electrical system reliability and resiliency, jobs and economic development, and environmental benefits.

Strategic Plan Alignment

These recommendations align with the Sustaining Our Future strategic priority by supporting projects that help reduce Guelph's carbon footprint. These recommendations also support the Powering our Future strategic priority through support for key sectors within Guelph's economy, including clean technology adoption.

Financial Implications

None

Report

Alectra Convergent Development LP approached City Staff to facilitate a Council Resolution demonstrating support for a proposal for a battery energy storage system (BESS) project that Alectra Convergent Development LP is pursuing. The

proposed project will be on Alectra-owned lands located at the Arlen Transformer Station Area at 436 Clair Road West, Guelph.

The project benefits, as stated by Alectra Convergent Development LP, include financial benefits, increased electrical system reliability and resiliency, jobs and economic development, and environmental benefits. Additional information related to Alectra's proposed project and associated benefits can be found in Attachment-1 Supporting Project Information for Alectra Convergent LP's Battery Energy Storage System (BESS) Project Proposal.

Alectra Convergent Development LP is currently preparing a proposal for this project in response to a procurement opportunity with the Independent Electricity System Operator (IESO).

Proposals are evaluated, in part, by demonstrating community support through a Council Resolution by a local governing body.

Having a Council Resolution will improve Alectra Convergent Development LP's likelihood in being successful in this procurement opportunity.

Alectra Convergent Development LP has provided a resolution of support in a format that complies with the IESO's requirements in Attachment-2 for which they are requesting Council support.

Financial Implications

None

Consultations

None

Attachments

Attachment-1 Supporting Project Information for Alectra Convergent Development LP's BESS Storage Project Proposal

Attachment-2 Resolution of Support for Alectra Convergent Development LP's BESS Storage Project Proposal

Departmental Approval

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