

Report to Council

Report Title:	Alectra Battery Storage Proposal Update		
Prepared By:	Sonya Watson, Chief Administrative Officer and Dalton Stone, Municipal Services Coordinator		
Department:	Administration		
Date:	May 21, 2024		
Report Number:	CAO2024-09	File Number:	C11AD
Attachments:	IESO – Long-Term RFP (LT1 RFP) – Final Results		

Recommendation:

That the Council of the Municipality of Brockton hereby receives Report Number CAO2024-09 - Alectra Battery Storage Proposal Update, prepared by Sonya Watson, Chief Administrative Officer and Dalton Stone, Municipal Services Coordinator for information purposes.

Report:

Background:

Alectra Convergent Development JV approached the Municipality of Brockton in the fall of 2023 with a proposal to construct a Battery Energy Storage System (BESS) in the former Township of Greenock. Alectra qualified for the Independent Electricity System Operator (IESO)'s Long-Term Procurement to provide capacity to the system through new battery storage assets.

The proposed facility was approximately 15-acres in size on a parcel located on Concession 10 PT LOT 6 PT LOT 7. This was noted as option A in the first information session and presentation created by Alectra. Option B was a 10-acre site that was proposed to be located across two separate property parcels and would be minimally set back from Concession Rd 10. Alectra held two public meetings at the Cargill Community Centre in November of 2023 that were well attended by residents.

A Municipal Council Resolution was a key component of Alectra's application to the IESO. They required a support resolution before December 12, 2023 to increase Alectra's score in the procurement process. On November 28, 2023, after two public meetings Council passed a resolution of support for the development to proceed with provisions for proper planning and site plan approval process to address concerns prior to advancing the construction and operation of the Long-Term Reliability Project in the Municipality of Brockton. Between December 2023 and May 2024, the IESO reviewed applications from across the Province of Ontario.

Analysis:

On May 9, 2024 the Government of Ontario, in partnership with the Independent Electricity Operator (IESO), announced that the Long-Term RFP (LT1 RFP) procurement period had concluded and the applicants had been selected. Alectra's proposed project in Brockton was not selected in this round of the procurement process.

The full list of successful applicants has been attached to this report. There were two projects for battery energy storage systems awarded in this region, including one in Arran Elderslie and the other in the Township of Centre Wellington.

As per the IESO, while recent procurements have focused on capacity, which seeks forms of supply that are capable of meeting demand specifically during system peak hours, there is also a need for actual energy output during periods throughout the year. Over the next 4-6 years, the IESO expects to run a regular cadence of procurements. The first of these procurements, the second long-term RFP (LT2), will look for about 2,000 MW of energy-producing resources. This will mostly be sought through wind and solar projects.

As witnessed during this battery storage project proposal, while energy solutions are necessary across Ontario these projects have the potential to create division among local residents, affect local infrastructure and will require staff time and oversight.

Alectra has expressed its thanks to Council and staff for their support during the IESO procurement process.

Strategic Action Plan Checklist:

What aspect of the Brockton Strategic Action Plan does the content/recommendations in this report help advance?

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| • Recommendations help move the Municipality closer to its Vision | N/A |
| • Recommendations contribute to achieving Heritage, Culture, and Community | N/A |
| • Recommendations contribute to achieving Quality of Life | N/A |
| • Recommendations contribute to achieving Land Use Planning and the Natural Environment | N/A |
| • Recommendations contribute to achieving Economic Development | N/A |
| • Recommendations contribute to achieving Municipal Governance | N/A |

Financial Impacts/Source of Funding:

- Do the recommendations represent a sound financial investment from a sustainability perspective?
N/A

There was staff time involved in assisting with an open and transparent process for public participation in this most recent proposal.

Respectfully Submitted by:

A handwritten signature in black ink, appearing to read "Sonya Watson". The signature is fluid and cursive, with a long, sweeping underline.

Sonya Watson, Chief Administrative Officer

A handwritten signature in black ink, appearing to read "Dalton Stone". The signature is bold and cursive, with a prominent "D" and "S".

Dalton Stone, Municipal Services Coordinator