

Via Email Only: communityengagement@ieso.ca

July 25, 2025

Independent Electricity System Operator
1600 120 Adelaide Street West
Toronto ON M5H 1T1

Re: Questions About IESO's LT2 RFP

To Whom it May Concern:

The Township of Cavan Monaghan has received interest from a number of companies looking to participate in the LT2 RFP process. Council has some questions about the eligible projects and the process.

1. Why is such a large footprint required for projects. Can the units be stacked?
2. How do Proponents enter into land ownership agreement (i.e. ownership/ lease)?
3. Other than the passing of a Council resolution, what are the expectations for the Township from IESO (i.e., municipal support)?
4. What are the requirements for a site-e.g. proximity to power lines?
5. What are the impacts on and/or permissions required for projects on agricultural lands?
6. What is the anticipated time frame for projects between the award of contracts and the operation of the site?
7. What is the closest battery storage operation to the Township?
8. Once the energy is stored, how long does it take to deplete it?

988 County Rd 10
Millbrook, Ontario L0A 1G0

www.cavanmonaghan.net

Phone: 705-932-9319

Fax: 705-932-3458

9. Is there a preferred type of location for projects?
10. Can battery storage operations be located in urban settlements or do they need to be located in rural settings?
11. What are the maintenance requirements for battery storage infrastructure?
12. How does the system know when the grid needs extra power? At what point does the battery storage operation return to power storage?
13. How does a BESS function in a power failure? What powers the heating/cooling units at that time?
14. What is the anticipated energy costs of heating and cooling the unit on an annual basis?
15. How much energy is required to operate a site?
16. What is the expected lifetime of batteries?
17. Are Fire Department personnel provided special training to deal with incidents at a battery storage facility? If so, who does the training and who pays the cost of the training?
18. How are the batteries different from EV cars and scooters?
19. What is the expected liability to the Township with battery storage facilities? Who pays for the cost of any required environmental clean up and restoration?
20. How will ground water and air quality be protected if there is a fire?
21. Is there a standard required setback between battery storage facilities and residential uses?
22. What is the required proximity to existing hydro transmission lines?
23. Can solar panels be fixed to the roof of the units?

Sincerely

Karen Ellis

Karen Ellis, B.A.A.
Director of Planning

IESO Response to LT2 RFP Questions:

To best support the Township in understanding answers to the below remaining questions please review the shared resources. You are also welcome to connect directly with each corresponding organization using the contact information below.

Question #	Resource	Organization/Contact Information
1, 7, 8, 9, 10, 11, 13, 14, 18, 21, 23	The Ontario Association of Fire Chiefs, the Canadian Renewable Energy Association and Energy Storage Canada's Solar Electricity and Battery Storage Systems Safety Handbook for Firefighters regarding battery energy storage.	Energy Storage Canada Email Address: information@energystoragecanada.org Phone Number: 416-997-3095.
4, 22	All Battery Energy Storage System (BESS) connections in the proximity to any Hydro One transmission infrastructure/facilities will need to comply with setback requirements in Hydro One's BESS Fire Protection Risk & Response Assessment Standard	Hydro One Networks Inc. Email address: largeaccounts@hydroone.com Please use the subject line "BESS Setback Enquiry"
5	The Ontario Ministry of Agriculture, Food and Agribusiness (OMAFRA) ensures the sustainability of agriculture by providing guidelines on permitted uses in Ontario's Prime Agricultural Areas. To	Ministry of Agriculture, Food and Agribusiness Email Address: ag.info.omafra@ontario.ca

learn more please
review the following
resources:

- [OMAFA
Guidelines for
the AIA
Component
One
Requirement](#)
- [LT2 Agricultural
Impact
Assessment
Q&A V3](#)