



Stantec Consulting Ltd.
100-300 Hagey Boulevard
Waterloo, ON N2L 0A4



March 25, 2025

Reference: Notice of Commencement: Class Environmental Assessment for Transmission Facility – South March Battery Energy Storage System Project

Evolugen is initiating a Class Environmental Assessment for Transmission Facilities (Class EA) for the proposed South March Battery Energy Storage System Project ("the Project"), with Stantec Consulting Ltd. acting as Evolugen's consultant. See **Figure 1** for the proposed Project location in the City of Ottawa, Ontario.

The Project is anticipated to consist of battery storage containers, inverters, transformers, and buried cables, internal access roads, a high-voltage substation, other related electrical and infrastructure facilities, and safety systems. The proposed Project is a battery energy storage system (BESS) with a capacity of 250 megawatts (MW) and will connect to an existing 230 kV Hydro One Networks Inc. (HONI) transmission line. The need for a new transformer station triggers the need for assessment under the Class Environmental Assessment for Transmission Facilities (Class EA for TF) in accordance with the Ontario *Environmental Assessment Act*.

The Class EA for TF is a streamlined process utilized by projects that have predictable environmental effects that can likely be mitigated and can be planned and constructed in accordance with a common process. The Class EA process contains screening provisions that may apply to this Project. Subject to the approval/outcome of the Class EA and all material federal, provincial, and municipal permits required, construction is proposed to begin in Q1 2026, with a planned in-service date of Q3 2027.

The Project will be situated on two parcels of land, 2555 Marchurst Rd and 2625 Marchurst Rd, and is anticipated to occupy approximately 11 acres for the project site (5% of total acreage across both parcels), in the City of Ottawa, as shown on the attached Project Location map (**Figure 1**).

As per Section 2.2 of the Class EA for TF Document (Hydro One 2024)¹, projects "consisting - entirely or in part - of a new or expanded (requiring the acquisition of land) transmission station" are subject to the

¹ Hydro One Networks Inc. 2024. Class Environmental Assessment for Transmission Facilities. Available online at: <https://www.hydroone.com/abouthydroone/CorporateInformation/majorprojects/classenvironmentalassessmentforminortransmissionfacilities/Documents/Class%20EA%20for%20Transmission%20Facilities.pdf>

Reference: Notice of Commencement: Class Environmental Assessment for Transmission Facility – South March Battery Energy Storage System Project

Class EA for TF process if equal to or greater than 115 kV. The Class EA for TF defines the purpose of a transmission station as:

- To transform electrical energy from a transmission voltage (equal to or greater than 115 kV) to a sub-transmission or distribution voltage (less than 115 kV) for distribution to low voltage customers; and
- To transform electrical energy from one transmission voltage to a lower transmission voltage, or vice versa, to interconnect parts of Ontario's electricity transmission system to improve the system's capability and/or reliability.

The Project is being proposed in response to Ontario's need for new clean electricity to keep pace with Ontario's growing economy and to advance grid decarbonization. The Project will help meet overall energy needs and support the process of eliminating emissions from the electricity system. We welcome your comments and feedback regarding the planned Project. If you have any questions, or would like additional information about this Project, please do not hesitate to contact the undersigned, or visit the Evolugen website at <https://evolugen.com/facilities/fitzroy-bess/>.

Your input on this Project is valued and would be appreciated before April 24, 2025. Information regarding the *Freedom of Information and Protection of Privacy Act*ⁱ can be viewed in the footnote below.

Regards,

Trion Clarke, PhD
Stantec Consulting Limited
Senior Environmental Scientist
Trion.Clarke@stantec.com

Zachary Benoit
Evolugen
Manager, Business Development
Phone: 819-664-4174
Zachary.Benoit@Evolugen.com

Attachment: Figure 1 Project Location Map

ⁱ All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s. 37 of the Freedom of Information and Protection of Privacy Act. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks' Freedom of Information and Privacy Coordinator at foi.mecp@ontario.ca.



 Stantec

Legend

- Project Area
- Existing Hydro Line
- Site Components
- Project Footprint and Access Road

1:10,000 (At original document size of 11x17)

Notes

- Coordinate System: NAD 1983 UTM Zone 18N
- Contains information licensed under the Open Government Licence - Ontario, and the Open Government Licence - Canada, accessed 2025.
- This figure contains parcel data provided by First Base Solutions®, 2025.
- Orthomagey provided by © City of Ottawa, 2025. Imagery Date, 2022.

