

Class Environmental Assessment for Minor Transmission Facilities

Annual Monitoring Report
2018

Original Report Submission Date: February 2019

Revised Report Submission Date: May 2019

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This Annual Monitoring Report addresses the monitoring requirements as set out by Section 5.5 in the Class Environmental Assessment for Minor Transmission Facilities (Hydro One, 2016), and General Condition 5 in the Notice of Approval to Proceed with the Class Environmental Assessment as per section 9 of the Ontario *Environmental Assessment Act*.

The purpose of the Class Environmental Assessment for Minor Transmission Facilities (also referred to as “Class EA Document”) is to provide information that will enable the Minister of the Environment, Conservation and Parks to approve, following a single review, certain types of frequently occurring transmission projects specified in the Guide to Environmental Assessment Requirements for Electricity Projects (2011), O. Reg. 116/01 and O. Reg. 231/08. Projects under the Class EA are relatively small in scale, have predictable environmental effects that can be likely mitigated, and can be planned and constructed in accordance with a common process.

Executive Summary

Annual monitoring of Class Environmental Assessments (EA) enables continuous improvement, as well as ensures that its proponents meet legislative and regulatory requirements. Hydro One Networks Inc. (Hydro One) is responsible for producing an annual monitoring report for projects that are subject to the Class Environmental Assessment for Minor Transmission Facilities (Hydro One, 2016) (Class EA Document), with the assistance of project proponents who use the Class EA. Proponents may include, but are not limited to, local distribution companies (LDCs), other licensed transmitters and industrial customers who are licensed to operate in Ontario.

This Annual Monitoring Report is submitted per the requirements of the 2016 Class EA Document and covers those projects subject to the Class EA that were filed with the Ministry of Environment, Conservation and Parks (MECP) during the 2018 calendar year. A total of 61 Class EAs completed for projects subject to the Class EA Document, and were filed with the MECP. Class EAs for projects which were initiated in 2018 or in previous years that have not been completed are not included in this report. Annual monitoring reports capture completed Class EAs in the reporting calendar year. This aligns with the intent of the annual monitoring reports to allow Hydro One and any other proponents using the Class EA Document to identify and assess opportunities to increase the effectiveness of the Class EA by reviewing completed Class EA processes.

All of the 61 Class EAs were completed by Hydro One during this period. No submissions from other transmission proponents, who completed projects using the Class EA Document, were received. Hydro One does not make any claims of completeness of projects carried out by other proponents using the Class EA Document. All proponents using the Class EA are required to prepare an annual summary report describing Class EA processes conducted during the year and submit them to Hydro One for consolidation in this report by February 25, 2019. However, the onus is on each transmission proponent to conform to the deadlines set out in the Class EA Document. Hydro One does not assume responsibility for missing reports.

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1.0 Introduction

The Class Environmental Assessment for Minor Transmission Facilities (Hydro One, 2016) (Class EA Document) describes the process that a proponent must follow for a defined class of projects/undertakings to meet the requirements of the Ontario *Environmental Assessment Act* (EA Act).

The current Class EA Document was approved by Order in Council on November 16, 2016. The Class EA Document has been in use for more than three decades, and was originally developed by Ontario Hydro. The Class EA Document was approved with 24 conditions, including a requirement that Hydro One Networks Inc. (Hydro One) prepare and submit a report annually by April 1.

2.0 Purpose of the Class EA Annual Report

This annual report addresses a condition (Appendix A) established by the Ministry of Environment, Conservation and Parks (MECP), formerly the Ministry of Environment and Climate Change (MOECC), during the Class EA Document amendment approval process. This report fulfills the requirement that an annual report is to be submitted by Hydro One *“on or before April 1 of each year”*, as well as *“cover all activities of the previous calendar year”*.

Annual monitoring of the Class EA aims for continuous improvement, and ensures that its proponents meet legislative and regulatory requirements. A summary of all projects for which a Class EA was completed is provided to the MECP as part of the report. In addition to recordkeeping and tracking projects subject to the Class EA, the report provides analysis of the effectiveness and suitability of the Class EA Process and the Class EA Document. Issues and recommendations to improve both the process and document are included in the report to guide future amendments and provide lessons learned.

3.0 Requirements of the Annual Monitoring Report

Section 5.5 of the Class EA Document describes the requirements for the Annual Monitoring Report. These requirements are outlined below.

3.1 Effectiveness of Class EA Process

This section assesses the effectiveness of the Class EA Process in providing an efficient planning process and in protecting the environment. In 2018, 61 projects have followed and completed the Class EA Process. There are many other projects with ongoing Class EAs undergoing the Class EA Process which will then be filed with the MECP upon completion and captured in the completion year's annual monitoring report. Of the 61 projects filed in 2018, 59 projects had minimal to no environmental concerns from First Nations & Métis communities, agencies, interest groups, or property owners, and

were able to follow the Screening Process. The Class EA Process for these projects (with minimal environmental concerns) ranged in duration from 1-9 months. Issues were addressed efficiently and effectively with the consulted parties demonstrating that the Screening Process was appropriate for these 59 projects. The other 2 projects underwent the Full Class EA Process which ranged in duration from 14-20 months. No Part II Order requests were received for Class EAs completed in 2018. However, one Part II Order request was received during the 2018 calendar year for a Class EA completed in 2017 (details provided in section 3.5).

For Class EAs completed in 2018, the environmental concerns were sufficiently addressed through the Class EA Process. The Class EA is an efficient and effective planning process that offers an appropriate level of evaluation and consultation for the projects in this class.

3.2 Recommended Changes to the Class EA Document

This section addresses potential changes to the Class EA Document that would lead to the improvement of the Class EA Process or its administration based on the experience of the past year's projects.

Section in Class EA Document	Current Issues	Recommended Changes
3.3.3 Class Environmental Assessment Screening Process	<p>It became apparent in 2018 that screening criterion 'h' ("be a pre-condition to the implementation of another larger and more environmentally significant project") is interpreted differently by Hydro One and MECP.</p> <p>MECP's interpretation of screening criterion 'h' (applying to enabling works for Individual EA projects and Renewable Energy Approval projects) presents potential impacts to project timelines, coordination, and costs for Hydro One.</p> <p>MECP has advised that a Class EA amendment clarifying the intent of the applicable screening criterion could resolve the issue and its impact on future projects.</p>	Clarification that screening criterion 'h', in Section 3.3.3 Class EA Screening Process, has the intended application of avoiding piecemealing among larger Hydro One Class EA projects (i.e. cannot divide up a larger Full Class EA project into smaller components to benefit from reduced costs and schedule).
5.4 Emergency Situations	The definition of emergency work within the Class EA Document is lacking in its definition of what constitutes an emergency situation. It does not address work on facilities to reduce or prevent potential imminent failure presenting risks to public safety and/or the natural environment prior to power disruption.	Modification of Section 5.4 Emergency Situations text.

	<p>Facilities that present imminent risk of failure, but are not yet out of service can require immediate or urgent repairs. Examples include: damaged transmission structures which may fail at any time, equipment such as wood pole transmission structures that are rotted or otherwise damaged by insects, birds, motor vehicle accidents, transformers showing precursor indicators to those of other emergencies that occurred (e.g., Finch TS and Minden TS). These structures must be replaced/ repaired immediately as there is a risk of imminent failure and/or may affect public safety.</p> <p>The general timelines for the completing the Screening Process are prohibitive for emergency repairs.</p>	
<p>6.1</p> <p>Transmission Lines</p>	<p>The definition of emergency maintenance within the Class EA Document is lacking in its definition of what constitutes an emergency. It does not address work on facilities to reduce or prevent potential imminent failure presenting risks to public safety and/or the natural environment prior to power disruption.</p> <p>Facilities that present imminent risk of failure, but are not yet out of service can require immediate or urgent repairs.</p>	<p>Modification to Section 6.1 Transmission Lines text on emergency maintenance.</p>

Hydro One may contact MECP to propose an amendment to the Class EA Document to include modified language to clarify screening criterion ‘h’, and for emergency situations. This is required to provide clarity on the level of assessment required for customer-driven projects, and to facilitate corrective action as soon as possible to prevent threats to public safety, health, and the environment.

Consideration and consultation regarding changes to EA in Ontario are expected to commence in 2019, which may influence the nature or timing of this amendment.

3.3 Common Issues

This section identifies any common issues experienced with the Class EA that may require changes to the Class EA Document.

No issues beyond those described in section 3.2 were identified.

3.4 Compliance with Notice of Approval Conditions and the EA Act

Hydro One has complied with the *EA Act* through adherence to the Class EA Process and by complying with the 24 conditions of the Notice of Approval (Appendix A). Conditions 3 and 8 through 24 pertain to incorporation of Class EA Document amendments and distribution requirements. Those 18 conditions have been fulfilled and incorporated in the Class EA Document (link in Appendix B) which was finalized and published on November 16, 2016. The amended Class EA Document was then circulated as per Condition 3.

This section will address compliance with the remaining 6 ongoing conditions:

Condition 1

Definitions

1. *For the purposes of these conditions:*

- (a) *“applicant” means Hydro One Networks Inc., its agents, successors, and assigns.*
- (b) *“MOECC” means the Ontario Ministry of the Environment and Climate Change*
- (c) *“EAB” means the Environmental Approvals Branch of the Ministry of the Environment and Climate Change.*
- (d) *“Director” means the Director of the Environmental Approvals Branch.*
- (e) *“the Class EA” means the Class Environmental Assessment for Minor Transmission Facilities.*
- (f) *“FOIPPA” means the Freedom of Information and Protection of Privacy Act*

Hydro One continues to comply with this condition through the use of appropriate definitions. Reference to the MOECC is equated with the current MECP, and the Environmental Approvals Branch (EAB) is equated with the current Environmental Assessment and Permissions Branch (EAPB).

Condition 2

Public Record

2. *Where a document is required for the Public Record File, the applicant shall provide the document to the Director for filing within the specific Public Record File maintained for the Class EA. The applicant shall also provide copies of all documents for the purpose of public review to:*

- a) *the Director of the MOECC Eastern Region Office;*
- b) *the Director of the MOECC Central Region Office;*
- c) *the Director of the MOECC West Central Region Office;*
- d) *the Director of the MOECC Southwestern Region Office; and*
- e) *the Director of the MOECC Northern Region Office.*

Hydro One complies with this condition by providing this document, which is required for the Public Record File, to the Director of the EAPB for filing within the specific Public Record File maintained for the Class EA. Copies of this document have also been provided to the directors of the regional MECP offices.

Condition 4

General Conditions

4. *The applicant shall complete a review of the Class EA, as required in Subsection 5.6 of the Class EA (Five-Year Review), every five years. The first review shall be completed 5 years after the date of this approval, with each subsequent review following every five years, until such time as is otherwise indicated in writing by the Director to the applicant. Each review shall be submitted to the Director and placed in the Public Record File.*

No compliance aspects to this condition are noted as it pertains to the 5-year review post-approval of the Class EA Document. The Class EA Document was approved on November 16, 2016.

Condition 5

General Conditions

5. *The applicant shall submit Annual Monitoring Reports to the Director for placement on the Public Record File as described in Subsection 5.5 of the Class EA (Monitoring). The Monitoring Report shall be submitted on or before April 1 of each year, with the first report being due one year after the date of this approval, and shall cover all activities of the previous calendar year.*

Hydro One complies with this condition as this annual monitoring report is structured per Section 5.5 – Monitoring of the Class EA Document. This report is also submitted prior to the annual deadline of April 1st.

Condition 6

General Conditions

6. *The applicant shall comply with all the provisions of the Class EA which are hereby incorporated in this approval by reference except as provided in these conditions and as provided in any other approvals or permits that may be issued.*

Hydro One continues to comply with this condition by applying the requirements of the Class EA Document and ensuring adherence to the Class EA Process.

Condition 7

General Conditions

7. *These conditions do not prevent more restrictive conditions being imposed under other statutes.*

No compliance aspects to this condition are noted.

3.5 Part II Order Requests

No Class EAs completed in 2018 under the 2016 version of the Class EA Document had Part II Order requests.

One Part II Order request was received during the 2018 calendar year for a project filed in a previous year. The Part II Order request was submitted by Michipicoten First Nation and received by the MECP on July 25, 2018 in regards to the Wawa Transformer Station (TS) Expansion project. This project underwent the Class EA Screening Process in 2017 and was filed with the (then) MOECC on December 19, 2017. The MECP reviewed the Part II Order request and provided a response on November 16, 2018 which required Hydro One to carry out a Full Class EA for the project. Upon completion of the Full Class EA, this project will be captured in a future annual monitoring report.

3.6 Planned Action

This section lists the action(s) that Hydro One and proponents have proposed or will be proposing to deal with problems, deficiencies, and non-compliance with the Class EA Process.

As described in sections 3.2, the issues of screening criterion h and emergency situations will be considered for future amendment along with other administrative changes as needed.

Hydro One continues to provide a channel for raising issues and concerns among proponents who use the Class EA Document through the annual summary reports to address deficiencies and prevent non-compliance. Internally, if there are issues with the Class EA Process, they are documented for tracking and recording resolutions.

3.7 Notice of Approval and Approved Class EA Amendments

The Notice of Approval can be found in Appendix A and the approved Class EA amendments incorporated within the Class EA Document can be found in Appendix B.

3.8 Summary of Class EA Projects in 2018

The summary table lists all projects that have been carried out by proponents using the Class EA Process during the previous annual period.

#	Project Name	Project Description	Project Location	Proponent Name	Contact Person	Assessment Type	Date Started	Date EA filed with MECP	EA Project Status
1	B5C/B6C Line Refurbishment - Burlington TS x Enbridge Westover CTS	Hydro One has identified sections of the existing B5C/B6C transmission line between Burlington TS and Enbridge Westover CTS that are approaching their end of life and require refurbishment to ensure safe and reliable electricity supply into the future. The work for the proposed project includes: replacement of existing conductors, associated line hardware and shieldwire, and wood poles as needed. In addition, refurbishment of damaged steel lattice towers and replacement of two steel lattice towers near Burlington TS are required.	City of Burlington, City of Hamilton	Hydro One	Yu San Ong	Screening	5/26/2017	1/17/2018	Completed
2	Barrie Area Transmission Upgrade	This project consists of replacing two existing single-circuit 115 kV transmission lines and wooden structures with a new, two-circuit 230 kV transmission line on steel structures along the existing transmission corridor from Hydro One's Essa TS and Barrie TS located in the Township of Springwater and City of Barrie, respectively. The project also involves upgrades to the existing Barrie TS and Essa TS. This project was recommended as a near term action in the Barrie/Innisfil Sub-region Integrated Regional Resource Plan (2016).	City of Barrie, Township of Springwater	Hydro One	Sarah Cohanin	Full Class EA	1/13/2017	3/23/2018	Completed
3	Bronte Green Tower Replacement	This project involves the replacement of four existing wood poles with slightly taller poles on an existing 115 kV transmission line (Circuits B7/B8). This work is necessary to facilitate Bronte Green Corporation's plans to construct three municipal road crossings as part of a new housing development.	Town of Oakville	Hydro One	Olivera Radinovic	Screening	8/28/2018	10/16/2018	Completed
4	B8W Transmission Structure Relocation	This project involves the replacement of structures with four new steel poles and their components, along the existing 115 kV transmission line, Circuit B8W. The proposed plan is necessary to facilitate the Powerline Road Widening and Urbanization project that is being undertaken by the Corporation of the County of Brant.	County of Brant	Hydro One	Olivera Radinovic	Screening	2/06/2018	5/17/2018	Completed
5	D3A/A1T Line Refurbishment Project	This project involves the refurbishment of the 115 kV transmission lines, Circuits D3A and A1T, between Allanburg TS in the City of Thorold and ASW Steel CTS in the City of Welland. Project activities include the like-for-like replacement of aging conductors, insulators, one wood pole structure, ten steel lattice towers and steel lattice tower components (e.g. cross-arms and foundations). Three existing wood poles would be removed from the transmission corridor following completion of the refurbishment work. Two temporary wood pole by-pass line sections measuring a total of approximately 1.7 kilometres would be required.	City of Welland	Hydro One	Paul Dalmazzi	Screening	11/08/2017	4/27/2018	Completed
6	Erb Street Tower Relocation	This project involves the removal of three structures and their components, and replacement of the existing electrical conductors and shield wire, on the existing 115 kV transmission line (Circuit D8S). This work is necessary to facilitate the Erb Street Widening and Corridor Improvements project that is being undertaken by the Regional Municipality of Waterloo.	City of Waterloo	Hydro One	Olivera Radinovic	Screening	5/29/2018	11/28/2018	Completed
7	Leamington TS Expansion Line Tap	This project involves construction of one new 230 kV tower and one new 230 kV BPE structure along the existing C21/C22J ROW in Leamington, to facilitate connection of the expanded Leamington TS.	Municipality of Leamington	Hydro One	Paul Dalmazzi	Screening	8/22/2018	11/29/2018	Completed
8	Lennox TS Expansion Project	This project involves expansion of the existing Lennox TS to facilitate the installation of new station equipment. The work involves expanding the TS by approximately 0.5 hectares, replacing one existing steel tower, installing one new steel tower within the existing right-of-way along Circuit X521B, and installing new electrical equipment within the station.	Town of Greater-Napanee	Hydro One	Jennifer Vuong	Screening	8/07/2018	10/04/2018	Completed
9	B3/B4 Line Refurbishment - Horning Mountain JCT x Glanford JCT	This project involves the refurbishment of the existing 115 kV double circuit transmission line, circuit B3/B4, between Horning Mountain JCT and Glanford JCT. This work involves the replacement of steel lattice towers with steel structures and their components, the reinforcement of existing towers and replacement of their components, and creation of a temporary by-pass line.	City of Hamilton	Hydro One	Olivera Radinovic	Screening	6/22/2018	12/19/2018	Completed
10	Marathon Transformer Station Expansion	This project involves the proposed station expansion of Marathon TS in order to connect the proposed new East-West Tie transmission line to the station. Project activities include installation of new electrical equipment such as circuit breakers and disconnect switches, reconfiguration of existing electrical components to establish connection with the proposed new line; and installation of a new relay building, which would house electronic devices critical for safety, reliability and security of the power system. To accommodate this work, the existing Marathon TS would have to be expanded by approximately 5 hectares to the north onto adjacent Crown land.	Town of Marathon, Ontario	Hydro One	Yu San Ong	Full Class EA	5/12/2017	11/12/2018	Completed
11	Priority Pole Replacement Project: D10S	This priority project involves the replacement of 2 wood pole structures along the existing 115 kV transmission line, Circuit D10S, between Louth JCT and Carlton TS. The poles' integrity was identified as being compromised and required swift replacement.	City of St. Catharines	Hydro One	Jennifer Vuong	Screening	8/01/2018	9/04/2018	Completed
12	Priority Replacement Project: D2L	This priority project involves the replacement of 1 wood pole structure along the existing 115 kV transmission line, Circuit D2L, between Cassels JCT and Herridge Lake JCT. The pole's integrity was identified as being compromised and required swift replacement.	Municipality of Temagami	Hydro One	Jennifer Vuong	Screening	9/21/2018	10/04/2018	Completed

#	Project Name	Project Description	Project Location	Proponent Name	Contact Person	Assessment Type	Date Started	Date EA filed with MECP	EA Project Status
13	Priority Replacement Project: L7S	This priority project involves the replacement of 2 wood pole structures along the existing 115 kV transmission line, Circuit L7S, between Kirkton JCT and Devizes JCT. An updated notification was provided on April 4, 2018 for an additional pole to be replaced between Portland JCT and St. Marys Cement CTS. The poles' integrity was identified as being compromised and required swift replacement.	Municipality of Middlesex Centre, Town of St. Mary's	Hydro One	Jennifer Vuong	Screening	12/08/2017	4/23/2018	Completed
14	Priority Replacement Project: P7G	This priority project involves the replacement of 3 wood pole structures along the existing 115 kV transmission line, Circuit P7G, between Dome Site JCT and Reid JCT. The poles' integrity was identified as being compromised and required swift replacement.	City of Timmins	Hydro One	Jennifer Vuong	Screening	2/28/2018	3/16/2018	Completed
15	Priority Replacement Project: Q10P	This priority project involves the replacement of 1 wood pole structure along the existing 230 kV transmission line, Circuit Q10P, between Q10P STR 6 JCT and Q10P STR 9 JCT. The pole's integrity was identified as being compromised and required swift replacement.	City of Thorold	Hydro One	Jennifer Vuong	Screening	4/13/2018	5/07/2018	Completed
16	Priority Replacement Project: S2N	This priority project involves the replacement of 3 wood pole structures along the existing 115 kV transmission line, Circuit S2N, between Kerwood JCT and Ennisbrook JCT. The poles' integrity was identified as being compromised and required swift replacement. A timeline update notification was provided on April 6, 2018.	Municipality of Brooke-Alvinston	Hydro One	Jennifer Vuong	Screening	12/08/2017	4/27/2018	Completed
17	Priority Replacement Project: T61S	This priority project involves the replacement of 3 wood pole structures along the existing 115 kV transmission line, Circuit S2N, between Timmins Westmine JCT and Weston Lake DS. The poles' integrity was identified as being compromised and required swift replacement.	City of Timmins, District of Cochrane (Unorganized North Part), District of Sudbury (Unorganized North Part)	Hydro One	Jennifer Vuong	Screening	11/29/2017	1/30/2018	Completed
18	Priority Replacement Project: WT1T	This priority project involves the replacement of 1 wood pole structure along the existing 115 kV transmission line, Circuit WT1T, between Cranberry JCT and ESWF CSS. The pole's integrity was identified as being compromised and required swift replacement.	Township of South-West Oxford	Hydro One	Jennifer Vuong	Screening	1/16/2018	2/01/2018	Completed
19	Priority Replacement Project: X1P	This priority project involves the replacement of 1 wood pole structure along the existing 230 kV transmission line, Circuit X1P, between Massanoga JCT and Mazinaw DS. The pole's integrity was identified as being compromised and required swift replacement.	Township of Addington Highlands	Hydro One	Jennifer Vuong	Screening	10/26/2018	12/12/2018	Completed
20	Priority Replacement Project: Z7E	This priority project involves the replacement of 1 wood pole structure along the existing 115 kV transmission line, Circuit Z7E, between Walker JCT and Walker TS #1. The pole's integrity was identified as being compromised and required swift replacement.	City of Windsor	Hydro One	Jennifer Vuong	Screening	8/01/2018	9/04/2018	Completed
21	Priority Wood Pole Replacement Project: A4L	This priority project involves the replacement of 1 wood pole structure along the existing 115 kV transmission line, Circuit A4L, between Namewaminikan JCT and Jellicoe DS #3. The pole's integrity was identified as being compromised and required swift replacement.	Municipality of Greenstone	Hydro One	Jennifer Vuong	Screening	8/01/2018	9/04/2018	Completed
22	Priority Wood Pole Replacement Project: A5H	This priority project involves the replacement of 1 wood pole structure along the existing 115 kV transmission line, Circuit A5H, between Ansonville TS and Iroquois FLS DS JCT. The pole's integrity was identified as being compromised and required swift replacement.	Unorganized District of Cochrane (North Part)	Hydro One	Jennifer Vuong	Screening	7/16/2018	8/08/2018	Completed
23	Priority Wood Pole Replacement Project: E1C	This priority project involves the replacement of 2 wood pole structures along the existing 115 kV transmission line, Circuit E1C, between Slate Falls DS and Golden Patricia JCT. The poles' integrity was identified as being compromised and required swift replacement.	Unorganized District of Kenora	Hydro One	Jennifer Vuong	Screening	10/26/2018	12/12/2018	Completed
24	Priority Wood Pole Replacement Project: H24S	This priority project involves the replacement of 2 wood pole structures along the existing 230 kV transmission line, Circuit H24S, between Grant JCT and Martindale TS. The poles' integrity was identified as being compromised and required swift replacement.	Town of Markstay-Warren	Hydro One	Jennifer Vuong	Screening	8/01/2018	9/04/2018	Completed
25	Priority Wood Pole Replacement Project: K6Z	This priority project involves the replacement of 1 wood pole structure along the existing 115 kV but idle transmission line, Circuit K6Z, between Kent TS and Tilbury West JCT. The pole's integrity was identified as being compromised and required swift replacement. This priority project involves the replacement of 2 wood pole structures along the existing 115 kV transmission line, Circuit K6Z. These poles' integrity was identified as being compromised and required swift replacement.	Municipality of Chatham-Kent Municipality of Chatham-Kent and Town of Lakeshore	Hydro One	Jennifer Vuong	Screening	8/01/2018	9/04/2018	Completed
26	St. Thomas Transformer Station Re-configuration	This project involves the de-energization of the existing St. Thomas TS and re-configuring it as St. Thomas JCT. The scope of work involves the removal of all protection and automation-related facilities and equipment at St. Thomas TS.	City of London, Municipality of Central Elgin	Hydro One	Olivera Radinovic	Screening	4/24/2018	7/17/2018	Completed
27	Transmission line refurbishment (Circuit D4Z) in the Townships of Harley and Casey	This project involves refurbishing a 15-km section of an existing 115 kV transmission line, Circuit D4Z, which is nearing its end of life. The project area spans the Townships of Harley and Casey in Timiskaming District. This refurbishment project consists of replacement and/or modification of a number of aging or damaged transmission structures, replacement of the existing electricity conductor, and the addition of shield wire on the existing structures to protect the equipment from lightning strikes.	Township of Harley, Township of Casey	Hydro One	Sarah Cohanin	Screening	5/29/2018	12/04/2018	Completed

#	Project Name	Project Description	Project Location	Proponent Name	Contact Person	Assessment Type	Date Started	Date EA filed with MECP	EA Project Status
28	Transmission Structure Relocations and Installations to accommodate Highway 11/17 Four-Laning from Ouimet to Dorion	This project involves the relocation of existing transmission structures and installation of new structures along Highway 11/17 in the Municipality of Shuniah and the Township of Dorion. This work is required to accommodate the MTO's Highway 11/17 Four-Laning from Ouimet to Dorion. Hydro One's project would involve: installation of six new double circuit 115 kV steel lattice structures and demolition of the existing towers (Circuits A7L and R1LB); installation of five new wood pole structures and removal of two existing structures (Circuit A6P); and modification of one existing steel lattice structure.	Municipality of Shuniah, Township of Dorion	Hydro One	Sarah Cohanim	Screening	7/24/2018	12/21/2018	Completed
29	Wood Pole Replacement: Circuit B13	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 2 structures in 2019.	City of Hamilton	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
30	Wood Pole Replacement: Circuit B5V	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 1 structure in 2019.	Township of Amaranth	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
31	Wood Pole Replacement: Circuit B7	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 1 structure in 2019.	Town of Oakville	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
32	Wood Pole Replacement: Circuit C2L	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 1 structure in 2019.	City of Toronto	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	In Progress
33	Wood Pole Replacement: Circuit C2P	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 4 structures in 2019.	City of Welland, City of Port Colborne	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	In Progress
34	Wood Pole Replacement: Circuit D10H	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 1 structure in 2019.	Municipality of West Grey	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
35	Wood Pole Replacement: Circuit E1C	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 233 structures in 2019 and 2020.	Township of Pickle Lake, Unorganized District of Kenora	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
36	Wood Pole Replacement: Circuit H29	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 3 structures in 2019.	City of Brampton	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
37	Wood Pole Replacement: Circuit H6LC	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 1 structures in 2019.	City of Toronto	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
38	Wood Pole Replacement: Circuit HL4	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 1 structures in 2019.	City of Hamilton	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
39	Wood Pole Replacement: Circuit K22 - Town of Lakeshore	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 3 structures in 2019.	Town of Lakeshore	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
40	Wood Pole Replacement: Circuit K6F	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 5 structures in 2019.	Township of Sioux Narrows-Nestor Falls	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
41	Wood Pole Replacement: Circuit L24A	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 5 structures in 2019.	City of Ottawa	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
42	Wood Pole Replacement: Circuit L7S	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 9 structures in 2019 and 2020.	Municipality of South Huron, Township of Perth South, Township of Lucan Biddulph	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
43	Wood Pole Replacement: Circuit L7S - Middlesex Centre	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 3 structures in 2019.	Municipality of Middlesex Centre	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	In Progress
44	Wood Pole Replacement: Circuit M2D	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 86 structures in 2019 and 2020.	Unorganized District of Kenora, Unorganized District of Rainy River	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed

#	Project Name	Project Description	Project Location	Proponent Name	Contact Person	Assessment Type	Date Started	Date EA filed with MECP	EA Project Status
45	Wood Pole Replacement: Circuit Q25BM	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 2 structures in 2019.	City of Hamilton	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
46	Wood Pole Replacement: Circuit S1H	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 12 structures in 2019.	Municipality of West Grey, Township of Chatsworth, Township of Georgian Bluffs	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
47	Wood Pole Replacement: Circuit W71D	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 38 structures in 2019.	Unorganized District of Nipissing	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
48	Wood Pole Replacement: Circuit WT1T	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 4 structures in 2019.	Township of South-West Oxford	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
49	Wood Pole Replacement: Circuits 15M1/K7K	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 5 structures in 2019.	City of Kenora	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
50	Wood Pole Replacement: Circuits A4L/R9A	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 36 structures in 2019.	Unorganized District of Thunder Bay	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
51	Wood Pole Replacement: Circuits B27S/S1H/S2S	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 10 structures in 2019.	City of Owen Sound, Municipality of Meaford	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
52	Wood Pole Replacement: Circuits D3A/B5G/Q10P/Q11S	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 10 structures in 2019.	City of Thorold, Town of Niagara-on-the-Lake	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
53	Wood Pole Replacement: Circuits E26/27	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 10 structures in 2019.	Township of Seguin	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
54	Wood Pole Replacement: Circuits H24C/H26C	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 3 structures in 2019.	Town of Whitby	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
55	Wood Pole Replacement: Circuits K2Z/K6Z	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 79 structures in 2019.	Town of Lakeshore, Town of Kingsville	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
56	Wood Pole Replacement: Circuits L21H/L22H	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 6 structures in 2019.	Village of Merrickville-Wolford	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
57	Wood Pole Replacement: Circuits M32W/M33W	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 3 structures in 2019.	County of Brant	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
58	Wood Pole Replacement: Circuits P3S/P4S	This project is determined through Hydro One's annual wood pole testing program. Replacing damaged and aging wood pole structures ensures the integrity of this transmission line and reliability of electricity supply to the area. It involves the replacement of approximately 45 structures in 2019.	Township of Cramahe, Township of Alnwick/Haldimand, Township of Hamilton, Township of Cramahe, Municipality of Brighton	Hydro One	Olivera Radinovic	Screening	11/02/2018	12/28/2018	Completed
59	X2Y Line Refurbishment Project	This project involves refurbishment along the existing 115 kV transmission line, Circuit X2Y, between Magellan Aerospace CTS and IPB Bryson JCT. The work involves replacing approximately 58 structures and their components, the existing electrical conductors and shield wire.	Township of Whitewater Region (Ontario), Municipality of Litchfield (Quebec)	Hydro One	Jennifer Vuong	Screening	3/23/2018	6/27/2018	Completed

#	Project Name	Project Description	Project Location	Proponent Name	Contact Person	Assessment Type	Date Started	Date EA filed with MECP	EA Project Status
60	Yellow Falls Line Tap	This project involves construction of a line tap connection between Hydro One's existing 115 kV transmission line, Circuit H9K, and Yellow Falls Power Limited's hydroelectric power station. The proposed line tap connection would involve the replacement of four existing wood pole structures with three new composite structures, and nine new composite tapping structures.	Cochrane (Unorganized)	Hydro One	Sarah Cohanin	Screening	11/22/2017	1/15/2018	Completed
61	Circuit X23N Pole Replacement	This project was determined through Hydro One's annual wood pole testing program. This project involves the refurbishment of 7 structures along the 2 kilometres of the existing 230 kV transmission line (Circuit X23N). Replacing damaged and aging structures would ensure the continued reliability and integrity of this transmission line and electricity supply to the area. Contingent on the outcome of the Class EA, the replacement of wood poles may begin as early as April 30, 2018 and be completed before the end of 2018.	Greater Sudbury	Hydro One	Olivera Radinovic	Screening	4/9/2018	4/27/2018	Completed

4.0 Conclusion

This annual monitoring report provides a summary of the projects completed under the 2016 Class EA Document. During the period from January 1, 2018 to December 31, 2018, 61 projects subject to the Class EA Document were filed with the MECP upon completion of the Class EA process by Hydro One, with no project summaries received from other proponents. Hydro One does not make any claims of completeness of projects carried out by other proponents using the Class EA Document. All proponents using the Class EA are required to submit an annual summary report describing Class EA processes conducted in a calendar year to Hydro One for consolidation in this report. Hydro One does not assume responsibility for missing reports.

Interested persons may view a copy of this annual monitoring report at www.HydroOne.com and may request a copy by emailing Environment@HydroOne.com.

Appendix A – MECP Notice of Approval

ENVIRONMENTAL ASSESSMENT ACT

SECTION 9

**NOTICE OF APPROVAL TO PROCEED WITH THE CLASS ENVIRONMENTAL
ASSESSMENT**

RE: Class Environmental Assessment for Minor Transmission Facilities (Class EA)

Applicant: Hydro One Networks Inc.

EAIMS No.: 05070

TAKE NOTICE that the period for requesting a hearing, provided for in the Notice of Completion of the Review for the above-noted Class EA, expired on October 24, 2014.

I received five submissions before the expiration date, and one submission after the expiration date, none of which requested a hearing by the Environmental Review Tribunal.

Having considered the purpose of the *Environmental Assessment Act*, the approved Terms of Reference, the Class EA, the Review of the Class EA and the submissions received, I hereby give approval to proceed with the Class EA, subject to the conditions set out below.

REASONS

My reasons for giving approval are as follows:

- (1) The applicant prepared the Class EA in accordance with the approved Terms of Reference and the requirements of the *Environmental Assessment Act*.
- (2) The applicant consulted on the Class EA and demonstrated that its Class EA is consistent with the current legislative requirements and planning practices, and will provide an effective planning process to enable the delivery of transmission-related infrastructure in an efficient and environmentally sustainable manner.
- (3) All comments provided, or concerns raised, from the public review of the applicant's Class EA, or from government agencies and Aboriginal communities, have been adequately considered and addressed by the applicant through its responses and/or commitments made, through amendments to the Class EA, or through conditions of approval.

- (4) All relevant issues raised in the submissions regarding the applicant's Class EA have been addressed, or will be addressed during the preparation of individual Class EA projects.
- (5) On the basis of the applicant's Class EA, the Review and the conditions of approval, I am satisfied that the assessment of minor transmission facilities within the class of undertakings covered by the Class EA, in accordance with the process set out in the Class EA, will be consistent with the purpose of the *Environmental Assessment Act* and in the public interest.

CONDITIONS

Definitions

1. For the purposes of these conditions:
 - (a) **"applicant"** means Hydro One Networks Inc., its agents, successors, and assigns.
 - (b) **"MOECC"** means the Ontario Ministry of the Environment and Climate Change.
 - (c) **"EAB"** means the Environmental Approvals Branch of the Ministry of the Environment and Climate Change.
 - (d) **"Director"** means the Director of the Environmental Approvals Branch.
 - (e) **"the Class EA"** means the Class Environmental Assessment for Minor Transmission Facilities.
 - (f) **"FOIPPA"** means the Freedom of Information and Protection of Privacy Act.

Public Record

2. Where a document is required for the Public Record File, the applicant shall provide the document to the Director for filing within the specific Public Record File maintained for the Class EA. The applicant shall also provide copies of all documents for the purpose of public review to:
 - a) the Director of the MOECC Eastern Region Office;
 - b) the Director of the MOECC Central Region Office;
 - c) the Director of the MOECC West Central Region Office;
 - d) the Director of the MOECC Southwestern Region Office; and
 - e) the Director of the MOECC Northern Region Office.
3. Within 21 days of the approval of this Class EA, the applicant shall incorporate the amendments required by Conditions 8 through 14 in the Class EA, and provide:

- 3.1 forty (40) copies of the amended Class EA document to the EAB;
- 3.2 one (1) copy of the amended Class EA document, or more than one (1) copy if requested, to each government agency to which the Class EA was circulated for comment;
- 3.3 one (1) copy of the amended Class EA document to any group, individual, or Aboriginal community which submitted comments during either of the two comment periods for the Class EA; and,
- 3.4 the amended Class EA on the applicant's web site.

General Conditions

- 4. The applicant shall complete a review of the Class EA, as required in Subsection 5.6 of the Class EA (Five-Year Review), every five years. The first review shall be completed 5 years after the date of this approval, with each subsequent review following every five years, until such time as is otherwise indicated in writing by the Director to the applicant. Each review shall be submitted to the Director and placed in the Public Record File.
- 5. The applicant shall submit Annual Monitoring Reports to the Director for placement on the Public Record File as described in Subsection 5.5 of the Class EA (Monitoring). The Monitoring Report shall be submitted on or before April 1 of each year, with the first report being due one year after the date of this approval, and shall cover all activities of the previous calendar year.
- 6. The applicant shall comply with all the provisions of the Class EA which are hereby incorporated in this approval by reference except as provided in these conditions and as provided in any other approvals or permits that may be issued.
- 7. These conditions do not prevent more restrictive conditions being imposed under other statutes.

Amendments

- 8. To accurately reflect the change in this ministry's name, the applicant shall replace all references to "Ministry of the Environment" with "Ministry of the Environment and Climate Change", and the applicant shall replace all uses of the acronym "MOE" with "MOECC." This includes, but is not limited to, all references to the Code of Practice.
- 9. The applicant shall remove all of the text presented on page 2 and shall replace it with the following text:

"Ontario Regulation 116/01 – Electricity Projects and Ontario Regulation 231/08 – Transit Projects and Metrolinx Undertakings

O. Reg. 116/01 is one of the regulations under the EA Act that outlines EA requirements for electricity projects. **O. Reg. 116/01** came into effect on April 23, 2001 and applies to public and private sector electricity projects.

The **Guide to Environmental Assessment Requirements for Electricity Projects** (2011) classifies the transmission projects described in **O. Reg. 116/01**, based on voltage and length of transmission lines, into three distinct categories, each with different requirements as follows:

- a. Category A projects are those which are expected to have minimal environmental effects. These projects do not require approval under the EA Act, and are not designated as being subject to the EA Act in **O. Reg. 116/01**. Although projects in this category are not subject to EA requirements under **O. Reg. 116/01**, they are required to comply with any other applicable existing legislative requirements such as the Species at Risk Act, Ontario Heritage Act (for example, a project in this category may cause a significant ground disturbance in areas of archaeological potential), etc.. In addition, if Crown resources are necessary to carry out a project, there are requirements under the EA Act related to the disposition of Crown resources that must also be fulfilled (e.g., an environmental review by the Ministry of Natural Resources and Forestry prior to the occupation or sale of Crown land). If there are significant environmental effects associated with a project in Category A, the MOECC (with the approval of the Lieutenant Governor) could designate it as being subject to an Individual EA under the EA Act.
- b. Category B projects are those which have potential environmental effects that can likely be mitigated. These projects (listed in Section 4 of **O. Reg. 116/01**) are subject to the EA Act, but proponents of these projects are not required to prepare an Individual EA on the condition that they complete the Environmental Screening Process (set out in Part B of the **Guide to Environmental Assessment Requirements for Electricity Projects**, 2011). There are provisions in the Environmental Screening Process to elevate projects from Category B to Category C. This Class EA Process is equivalent to what **O. Reg. 116/01** refers to as the Environmental Screening Process.
- c. Category C projects are major projects with known significant environmental effects that require an Individual EA.

This Class EA Document is relevant to Category B transmission projects that are not associated with a Category B generation project.

This Class EA Document is also relevant to certain projects under the **Transit Projects and Metrolinx Undertakings Regulation (O. Reg. 231/08)** which sets out the EA requirements for public transit projects, and designates as subject to the EA Act certain power supply infrastructure projects for the electrification of commuter rail corridors. Proponents of these power supply infrastructure projects are subject to the Transit Project Assessment Process under **O. Reg. 231/08** but have the option to instead proceed with their projects in accordance with this Class EA Document if written notice of their intention to do so is provided to the appropriate MOECC officials under subsection 2(6) of **O. Reg. 231/08**. (**O. Reg. 231/08** also contains transition rules).

For more information, proponents should refer to **O. Reg. 116/01**, **O. Reg. 231/08**, and Chart 1 - Electricity Project Classification and Section A.5.2 of the **Guide to Environmental Assessment Requirements for Electricity Projects**

(2011).”

10. The applicant shall remove the first four paragraphs presented in section 1.0 (Introduction) on page 3 and shall replace them with the following text:

“The purpose of the **Class Environmental Assessment for Minor Transmission Facilities** (also referred to as "Class EA Document") is to provide information that will enable the Minister of the Environment and Climate Change (Minister) to approve, following a single review, certain types of frequently occurring transmission projects specified in the **Guide to Environmental Assessment Requirements for Electricity Projects** (2011) and in **O. Reg. 231/08**. The project will be relatively small in scale, have predictable environmental effects that can be likely mitigated, and can be planned and constructed in accordance with a common process.

The current version of this document has been developed following the requirements of the approved Terms of Reference (ToR), 2004 and is in alignment with **O. Reg. 116/01**, **O. Reg. 231/08**, other applicable legislation that came into force after 2004 (e.g., *Canadian Environmental Assessment Act, 2012*), the Ministry of the Environment and Climate Change's (MOECC) **Code of Practice: Preparing, Reviewing and Using Class Environmental Assessment in Ontario**, 2014 (Code of Practice), and other Class EA documents.

The previous versions of this Class EA Document applied specifically to Ontario Hydro and its much broader mandate. The current version has been revised to be consistent with the mandate and accountabilities of Hydro One Networks Inc. (Hydro One), local distribution companies (LDCs), licenced transmitters, industrial customers, etc., who may design, construct and operate transmission facilities.

This Class EA Document makes use of Ontario Hydro's and Hydro One's experience completing numerous Class EAs. It is also prepared in accordance with **O. Reg. 116/01**, **O. Reg. 231/08**, and the MOECC Code of Practice, and takes into consideration other Class EA documents from other sectors, as well as valuable input from a variety of government agencies and other organizations.”

11. The applicant shall remove the following text presented in section 1.1 on page 3:

“As previously noted, this Class EA Document applies to Category B transmission projects that are not associated with Category B generation facilities (see **Class EA History** of this Document and/or **Guide to Environmental Assessment Requirements for Electricity Projects**, 2011). These projects are defined to include the following:”

and shall replace it with the following text:

“As previously noted, this Class EA Document applies to Category B transmission projects that are not associated with Category B generation facilities (see **Class EA History** of this Document and/or **Guide to Environmental Assessment Requirements for Electricity Projects** (2011). This Class EA

Document also applies to certain power supply infrastructure projects for the electrification of commuter rail corridors that are designated as subject to the EA Act in **O. Reg. 231/08**, if the proponent provides written notice to the appropriate MOECC officials under subsection 2(6) of **O. Reg. 231/08** that it will instead proceed with the project in accordance with this Class EA Document.

The projects that are subject to this Class EA Document are defined as follows:"

12. The applicant shall replace the three occurrences of the term "multiple Class EAs" with "multiple environmental assessment processes" in Subsection 5.7 of the Class EA (Coordination with Other Approval Processes) on page 36.
13. The applicant shall remove the following text presented in Subsection 6.4 of the Class EA (Consideration of Climate Effects) on page 51:

"Hydro One considers the potential environmental effects of climate change in the design of its transmission facilities. Facilities are designed in accordance with North American engineering standards and are able to operate effectively over a wide range of temperatures, precipitation and other weather conditions. Other proponents should consider climate change effects on their projects."

and shall replace it with the following text:

"All proponents must consider the potential environmental effects of climate change (storms, flooding, drought or other severe weather events) in the design, siting, construction and operation of minor transmission facilities. Proponents are encouraged to consider provincial, national and international industry best practices in the design of minor transmission facilities as they relate to climate change and the increasing frequency of severe weather abnormalities."

14. The applicant shall remove the following text presented in Subsection 3.3.2 of the Class EA (Initial Notification) on page 17:

"h. Freedom of information (FOI) statement advising how written submissions will be handled for the purposes of freedom of information. (see below paragraph for statement that must be included in notices)"

and shall replace it with the following text:

"h. Freedom of information (FOI) statement advising how written submissions will be handled for the purposes of freedom of information requests and for compliance with the Freedom of Information and Protection of Privacy Act. (see Subsection 4.3)

15. The applicant shall remove the following text presented in Subsection 3.3.2 of the Class EA (Initial Notification) on page 17:

"As stated in the MOE Code of Practice (section 6, pp. 47), to comply with *Freedom of Information and Protection of Privacy Act* requirements, notices must contain the following statement:

'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 and Climate Change 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 Project Officer or the Ministry of the Environment and Climate Change's Freedom of Information and Privacy Coordinator at 416-327-1434.'

16. The applicant shall relabel Subsection 4.3 on page 30 as Subsection 4.4, and will insert a new Subsection 4.3 on page 30 titled "*Freedom of Information and Protection of Privacy Act* Notice Requirements" that includes the following:

"As stated in the MOECC Code of Practice (subsection 6.1.6, page 56), to comply with *Freedom of Information and Protection of Privacy Act* requirements, all project notices must contain the following statement:

'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 and Climate Change 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 and Climate Change's Freedom of Information and Privacy Coordinator at 416-327-1434.'

Additionally, the applicant shall add the following at the end of the list of Final Notification requirements in Subsection 3.4.2 of the Class EA (Final Notification) on page 22:

"o. FOI statement advising how written submissions will be handled for the purpose of freedom of information requests and for compliance with the Freedom of Information and Protection of Privacy Act. (see Subsection 4.3)"

17. The applicant shall include another item in the list of required content for a Part II Order request in Subsection 3.4.4 of the Class EA (Review and Decision by the Minister / Part II Order Request) on page 23, listed first and labelled as follows:

"a. A clear indication that a request for a Part II Order is being made."

18. The applicant shall replace the phrase "The Part II Order must be made in writing to the Minister or delegate with a copy to the Project Evaluator at the EAB, and the proponent, and must include the following" with "The Part II Order must be

made in writing to the Minister or delegate with a copy to the proponent, and must include the following" in Subsection 3.4.4 of the Class EA (Review and Decision by the Minister / Part II Order Request) on page 23.

19. The applicant shall remove the following text presented in Subsection 3.4.4 of the Class EA (Review and Decision by the Minister / Part II Order Request) on page 24:

"Upon receipt of a valid Part II Order request, the Project Evaluator at the EAB at the MOECC shall request that the proponent provide a copy of any relevant project documentation. The Minister or delegate will consider the information submitted by the proponent, the requester(s) and any person the Minister or delegate chooses to consult before making a decision. The review of any Part II Order requests will be commenced upon receipt of all information (from proponent/requestor(s)/other agencies) after the review period following the issuance of the Final Notification. A decision will be made normally within 45 days of receipt of all project documentation provided by the proponent, and will be one of the following:"

and shall replace it with the following text:

"Upon receipt of a Part II Order request, the Project Evaluator may request that the proponent provide a copy of any relevant project documentation to the Ministry within a specified time frame. The Minister or delegate will consider the information submitted by the proponent, the requester(s) and any person the Minister or delegate chooses to consult before making a decision. The review of any Part II Order requests will be commenced upon receipt of all information (from proponent/requestor(s)/other agencies) after the review period following the issuance of the Final Notification. The Minister or delegate will consider the evaluation criteria for Part II Order requests as set forth in section 16(4) of the *Environmental Assessment Act*. The ministry review of a Part II Order request will normally be completed within 45 days of receipt of all project documentation provided by the proponent and after any required consultation by the ministry. After the ministry review, the Minister will make a decision, which will be one of the following:"

20. The applicant shall insert the following after the last paragraph in Subsection 3.4.4 of the Class EA (Review and Decision by the Minister / Part II Order Request) on page 24:

"If none of the above has occurred by the required decision deadline, the proponent is entitled to proceed with the project; however, before proceeding, proponents must confirm with the Ministry of the Environment and Climate Change that no decision has been made on the Part II Order request. Should the proponent proceed with the project without a Part II Order decision having been made, it should recognize that it is doing so at its own risk, as a Part II Order could still be made or denied with conditions."

21. The applicant shall remove the following text presented in Subsection 6.5 of the Class EA (Consideration of Cumulative Effects) on page 51:

"Class EA proponents will consider cumulative effects when planning projects. The assessment will include the proposed undertaking and any other proposed undertakings in the immediate project area where documentation is available (e.g., other environmental assessments)."

and shall replace it with the following text:

"All proponents will consider cumulative effects when planning projects. The assessment will include the proposed undertaking and any other proposed undertakings in the immediate project area where documentation is available (e.g., other environmental assessments)."

22. The applicant shall add 'Biodiversity' as an item to the list of Typical Data Types under the "Natural Environment Resources" in Appendix C on page 68.
23. The applicant shall replace Section 5.3, Phase-in Period with the following text:

5.3 Phase-in Periods

Phase-in from 1992 Class EA

If Initial Notification for a project was issued under the 1992 Class EA, the project would continue to be subject to the 1992 Class EA for the life of that project. An Addendum to an Environmental Study Report for such a project would also be subject to the 1992 Class EA.

Phase-in to Future Amendments to this Class EA

In some situations, during a review or amendment of this Class EA Document, some projects may be in the process of being planned using the existing Class EA Process or already had the Initial Notification issued. For the purpose of consistency and process flow, such projects will be broken into two categories: those for which Initial Notification has not yet been issued and those for which Initial Notification has been issued.

If the Initial Notification for the project has not been issued before the amendments to this Class EA Document are approved by the Minister, or Director of the EAB at the MOECC, the project is not considered to be in progress and must follow the Class EA Process outlined in the amended document.

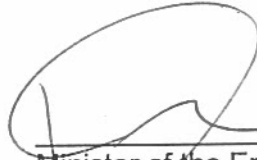
If the Initial Notification for a project has been issued before the amendments to this Class EA Document are approved by the Minister, or Director of the EAB at the MOECC, the project is considered to be in progress. The project should continue using the previous Class EA Process that was in place at the time of the issuance of the Initial Notification. An Addendum to an Environmental Study Report for such a project would also be subject to the version of the Class EA that was in place at the time of the issuance of the Initial Notification for that project.

The project has the option to proceed under the newly revised provisions of this Class EA Document through discussions with the Director of the

EAB and the appropriate Regional Offices at the MOECC and by providing rationale.

24. The applicant shall replace all references to the Ontario Power Authority, with references to the Independent Electricity System Operator, wherever such references occur throughout the Class EA.

Dated the 31 day of October 2016 at TORONTO.



Minister of the Environment and Climate Change
77 Wellesley St. W., 11th Floor
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Approved by O.C. No. 1726/2016

Date O.C. Approved NOV 16, 2016

Appendix B – Class EA Document

https://www.hydroone.com/abouthydroone/CorporateInformation/majorprojects/classenvironmentalassessmentforminortransmissionfacilities/Documents/Class%20EA%20for%20Minor%20Transmission%20Facilities_Nov16%202016.pdf