CIRCUIT H9A

(BORROMEE JCT x NAVAN DS)

CLASS ENVIRONMENTAL ASSESSMENT

Draft Environmental Study Report
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Draft Environmental Study Report

November 2016

Hydro One Networks Inc.
Environmental Engineering & Project Support
483 Bay Street, North Tower, 14th Floor
Toronto, ON, M5G 2P5

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EXECUTIVE SUMMARY

Hydro One Networks Inc. (Hydro One) undertakes a pole testing program on an annual basis. Wood pole structures that have reached their end-of-life or are degraded due to insect activity, decomposition, or woodpecker activity are marked for replacement as part of Hydro One’s ongoing wood pole testing program. Replacing damaged and aging wood pole structures will ensure continued reliability and integrity of this transmission line and electricity supply. For projects involving the replacement of more than 25 wood poles on a circuit with a voltage equal to or greater than 115 kV, Hydro One is required to undertake a Class Environmental Assessment (EA) as described in the Class EA for Minor Transmission Facilities (Ontario Hydro, 1992).

Hydro One has prepared this draft Environmental Study Report (ESR) for the refurbishment of approximately 36 wood pole structures along 7 kilometres of the existing 115 kilovolt (kV) transmission line, Circuit H9A. The proposed Project area is located in the Orléans area in the City of Ottawa.

Circuit H9A was built in 1962 and some of the wood pole structures have reached their end-of-life and require replacement. The wood pole structures will be replaced with composite poles, which will be similar in appearance to the existing poles, and will be replaced in close proximity to the old pole locations and along the same centerline.

A short interruption in service may be required to residents in the Navan area in order to replace two wood pole structures near McKinnons Creek (see Appendix A2). Should this be required, affected customers will be notified in advance by letter or phone call.

Additional land rights will not be required for the right-of-way. Temporary access agreements for vehicle routes that are not along the corridor may be required to avoid sensitive features, such as watercourses.

The Class EA process for the proposed Project included an assessment of the existing environment, identification of potential effects, identification of mitigation and protection measures, and consultation with municipal and provincial government officials, government
agencies, First Nations and Métis communities, potentially affected and interested persons, and interest groups.

Notification regarding the proposed Project and the Class EA process took place through newspaper advertisements, letters, and email.

The draft ESR is available for review and comment from November 14, 2016 until December 13, 2016 at the following location:

Cumberland Public Library
1599 Tenth Line Road
Ottawa, ON K1E 3E8

The draft ESR is available on the Project website: http://www.HydroOne.com/WoodPole

Comments or questions regarding the draft ESR are to be submitted to Hydro One no later than 4:00 p.m. on Tuesday, December 13, 2016 and sent to:

Kimberly Miller-Bautista
Environmental Planner
Hydro One Networks Inc.
483 Bay Street, North Tower, 14th Floor
Toronto, ON M5G 2P5
(416) 951-9714
WPRP_EEPS@HydroOne.com

OR

Stephanie Hodsoll
Community Relations Officer
Hydro One Networks Inc.
483 Bay Street, South Tower, 6th Floor
Toronto, ON M5G 2P5
Toll Free: 1-877-345-6799
Community.Relations@HydroOne.com

Comments received from municipal, provincial and federal government officials, government agencies, First Nation and Métis communities, potentially affected and interested persons and interest groups during this period will be addressed and documented in the final ESR as required by the Class EA process.

Hydro One will respond to and make best efforts to resolve issues raised by concerned parties during the public review period. If no concerns are expressed, Hydro One will finalize the ESR and file it with the Ministry of the Environment and Climate Change (MOECC). The proposed Project will then be considered acceptable and may proceed as outlined in the ESR.
The Ontario *Environmental Assessment Act* has provisions that allow interested parties to ask for a higher level of assessment for a Class EA project if they feel that outstanding issues have not been adequately addressed by Hydro One. This is referred to as a Part II Order request. Such requests must be addressed in writing to the Minister of the Environment and Climate Change, as well as the Director of the Environmental Approvals Branch, and received no later than 4:00 pm on December 13, 2016 at the following addresses:

**Minister of the Environment and Climate Change**  
77 Wellesley Street West  
11th Floor, Ferguson Block  
Toronto, ON  M7A 2T5  
Email: Minister.MOECC@ontario.ca

**Director, Environmental Approvals Branch**  
Ministry of the Environment and Climate Change  
135 St. Clair West, 1st Floor  
Toronto, ON  M4V 1P5  
Email: EAASIBgen@ontario.ca

Please note that a duplicate copy of a Part II Order request must also be sent to Hydro One at the above noted address.

The proposed Project will be implemented in full compliance with the requirements of the Class EA process as outlined in this ESR, incorporating input obtained throughout the planning process including the consultation program. Hydro One will obtain the necessary environmental approvals and permits required for the proposed Project.
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<tr>
<th>Acronym</th>
<th>Description</th>
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<tr>
<td>AAFC</td>
<td>Agriculture and Agri-Food Canada</td>
</tr>
<tr>
<td>ANSI</td>
<td>Area of Natural and Scientific Interest</td>
</tr>
<tr>
<td>Class EA</td>
<td><em>Class Environmental Assessment for Minor Transmission Facilities</em> (1992)</td>
</tr>
<tr>
<td>CLI</td>
<td>Canada Land Inventory</td>
</tr>
<tr>
<td>EA</td>
<td>Environmental Assessment</td>
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<tr>
<td><em>EA Act</em></td>
<td><em>Environmental Assessment Act</em> (1990)</td>
</tr>
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<td>ESR</td>
<td>Environmental Study Report</td>
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<td>Hydro One</td>
<td>Hydro One Networks Inc.</td>
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<tr>
<td>kV</td>
<td>Kilovolt</td>
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<td>MNO</td>
<td>Métis Nation of Ontario</td>
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<tr>
<td>MNDM</td>
<td>Ministry of Northern Development and Mines</td>
</tr>
<tr>
<td>MNRF</td>
<td>Ministry of Natural Resources and Forestry</td>
</tr>
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<td>MOECC</td>
<td>Ministry of the Environment and Climate Change</td>
</tr>
<tr>
<td>MTCS</td>
<td>Ministry of Tourism, Culture and Sport</td>
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<tr>
<td>MTO</td>
<td>Ministry of Transportation</td>
</tr>
<tr>
<td><em>PPS</em></td>
<td><em>Provincial Policy Statement</em> (2014)</td>
</tr>
<tr>
<td>RoW</td>
<td>Right-of-Way</td>
</tr>
<tr>
<td>SAR</td>
<td>Species at Risk</td>
</tr>
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</table>
1 Introduction

Hydro One Networks Inc. (Hydro One) is planning to refurbish approximately 7 kilometres of the existing 115 kilovolt (kV) transmission line, Circuit H9A (Project). The proposed Project area is located in the Orléans area in the City of Ottawa (see Figure 2-1).

Wood pole projects of this kind are subject to the *Class Environmental Assessment (EA) for Minor Transmission Facilities* (Ontario Hydro, 1992), an approval process under the provincial *EA Act*. The Class EA was developed as a streamlined process to ensure that minor transmission projects that have a predictable range of effects are planned and carried out in an environmentally acceptable manner.

This draft Environmental Study Report (ESR) has been prepared in compliance with the requirements of the *EA Act* and the Class EA, and describes the process that has been undertaken for the proposed Project.

1.1 Need for the Undertaking

Hydro One undertakes a pole testing program on an annual basis. Wood pole structures that have reached their end-of-life or are degraded due to insect activity, decomposition, or woodpecker activity are marked for replacement as part of Hydro One’s ongoing wood pole testing program. Replacing damaged and aging wood pole structures will ensure continued reliability and integrity of this transmission line and electricity supply. Hydro One is required to undertake a Class EA for projects involving the replacement of more than 25 wood poles on a circuit with a voltage equal to or greater than 115 kV.

Circuit H9A was originally built in 1962 and a number of wood poles have reached their end-of-life. Hydro One is planning to replace approximately 36 wood pole structures identified through the wood pole testing program as requiring replacement.

1.2 Purpose of the Undertaking

The purpose of the undertaking is to replace damaged and aging structures to ensure the continued reliability and integrity of this transmission line and electricity supply to the distribution network and customers.
1.3 Description of the Undertaking

The proposed Project involves the replacement of approximately 36 wood pole structures with new composite poles and steel cross-arms in approximately the same location as the existing structures. Composite poles typically have a longer lifespan than wood poles and are more resilient to various weather events and damage from birds or insects. The new poles will be similar in appearance to the existing poles. Replacement of structures will involve the following activities (see Figure 1-1 and Figure 1-2):

- Poles will be delivered to site by truck;
- A skidder or backhoe will be used to bring the new poles into location;
- A mobile pole setter will be used to set the new poles where necessary;
- A bucket truck or tracked vehicle with a bucket will be used to lift line personnel so that the new hardware can be installed;
- Once the new structure is in place, the hardware will be removed from the old poles and disposed of appropriately;
- All old poles and hardware will be removed for appropriate disposal
- All construction debris will be removed for appropriate disposal; and,
- The right-of-way (RoW) will be restored.

A short interruption in service may be required to residents in the Navan area in order to replace two wood pole structures near McKinnons Creek (see Appendix A2). Should this be required, affected customers will be notified in advance by letter or phone call. Work may be undertaken while the line is in service, but it is preferable to undertake construction while electricity is temporarily re-routed to other circuits.

All scrap metal and glass insulators will be removed from the old poles and sent for recycling.

After line hardware removal, all existing wood poles that are being replaced will be removed from the site.

Selective cutting of the RoW will not be required for this proposed Project. Limited brushing may be required to access the site and facilitate pole installation.
There will be no construction debris left on the corridor after the proposed Project is complete.

Additional permits, permissions, or approvals that may be necessary will be acquired prior to construction.

The proposed Project is located within RoW easements on private property. Hydro One staff will discuss with property owners the best access routes and obtain permission for off-corridor access, if required. Construction of the proposed Project is scheduled to begin as early as January 2017 and be completed by the end of 2017.
Figure 1-1: Typical construction equipment used for pole replacement
Figure 1-2: Workers in a bucket attached to a tracked muskete tractor at the tower replacement site
1.4 Alternatives to the Undertaking

Alternatives to the undertaking are functionally different approaches to address the need for the undertaking. Alternatives to the undertaking must be reasonable from a technical, economic and environmental perspective.

Alternatives to the undertaking were explored by Hydro One, and included the following:

- Alternative 1: Do Nothing
- Alternative 2: Construct a new transmission line
- Alternative 3: Maintain the existing transmission line

**Alternative 1: Do Nothing**

This alternative would allow wood pole structures to continue to deteriorate. As a result, the integrity of the electrical system would be compromised to the extent that there would be a failure of the electrical system which would pose an electrical safety hazard and result in power outages. The Do Nothing alternative would not meet the need of the undertaking, and is not feasible; therefore, this alternative will not be carried forward as an alternative consideration in the EA process.

**Alternative 2: Construct a New Transmission Line**

Construction of a new transmission line would involve:

- Acquisition of land rights for a new RoW for the entire length of the circuit;
- Selective cutting of the RoW;
- Installation of access routes;
- Construction of new structures;
- Stringing of new conductors; and,
- Decommissioning of the existing structures, conductors, and RoW.

Additional maintenance requirements would be necessary to keep another line in service such as clearing vegetation and inspecting the line. Construction of a new transmission line would have a more significant adverse effect on the environment, would be considerably more
expensive, and would take a considerable amount of time to construct. Consequently, this alternative is not considered feasible and will not be carried forward as an alternative consideration in the Class EA process.

**Alternative 3: Maintain Existing Transmission Line**

The *Provincial Policy Statement, 2014* (PPS) indicates that, “before consideration is given to developing new infrastructure and public service facilities: the use of existing infrastructure and public service facilities should be optimized, and opportunities for adaptive re-use should be considered, wherever feasible”.

The proposed Project involves replacing a number of aging and damaged wood pole structures and their components (i.e. cross arms) on the existing RoW as part of Hydro One’s ongoing wood pole replacement program. No additional land rights will be required. The planned wood pole replacement will ensure safe, reliable, and efficient service. This is the most efficient and cost effective alternative.

Alternative 3, maintain existing transmission line, has been selected as the preferred alternative to the undertaking. This alternative has been further studied throughout the Class EA process.

### 1.5 Approval Process and Regulatory Requirements

This section outlines the approval process as required under the Class EA process. Additionally, other regulatory requirements are addressed.

#### 1.5.1 Environmental Assessment Act

This ESR has been prepared in accordance with the Class EA, which was approved under the *EA Act*. The Class EA defines an environmental planning process which meets all requirements of the *EAAct*, including:

- The process for initial and final notification of an undertaking
- An associated consultation process
- A review period for the draft ESR
- Filing of the final ESR with the Ministry of the Environment and Climate Change (MOECC)
1.5.2 *Class Environmental Assessment Process*

The Class EA describes the process that must be followed for a defined class of projects/undertakings in order to meet the requirements of the *EA Act*. The Class EA process is equivalent to the Environmental Screening Process described in the MOECC’s *Guide to Environmental Assessment Requirements for Electricity Projects, 2011* (EA Guide). The Class EA applies to Category B transmission projects (not associated with Category B generation projects). See sections A.5.1 and A.5.2 of the EA Guide for additional information.

The draft ESR is available for public and agency review and comment for a period from November 14 to December 13, 2016.

1.5.3 *Other Permits, Licenses and Approvals*

There are a number of necessary permits, licenses and approvals that may be required under federal and provincial legislation for Hydro One transmission projects in addition to *EA Act* requirements. Hydro One will contact all affected regulatory agencies in due course to ensure that the proposed Project conforms to all requirements and that approvals are obtained in a timely manner. Table 1-1 shows the permits that may be required for this proposed Project.

It should be noted that Hydro One projects are exempt from municipal approvals as authorized under the *Planning Act, 1990* if approval is obtained under the *EA Act*. 
### Table 1-1: Potentially required permits, licenses and approvals

<table>
<thead>
<tr>
<th>Permits, Licenses &amp; Approvals</th>
<th>Primary Agency</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entrance Permit</td>
<td>Ministry of Transportation (MTO)</td>
<td>Permit required for altering, constructing or maintaining an entrance for a secondary road to a highway.</td>
</tr>
<tr>
<td>Land Use Permit</td>
<td>Ministry of Natural Resources and Forestry (MNRF)</td>
<td>Permit required when occupying Crown Land (e.g. roads, buildings).</td>
</tr>
<tr>
<td>Letter of Permission</td>
<td>MNRF</td>
<td>Permission to undertake specific activities on public (e.g. Crown land) and shore lands.</td>
</tr>
<tr>
<td>Clearance Letter</td>
<td>Utility and railway companies</td>
<td>Required to cross utilities (e.g. natural gas or oil pipelines) or railways</td>
</tr>
<tr>
<td>Temporary Road Entrance Permit</td>
<td>MTO, county, or local municipality</td>
<td>A permit is required to construct an entrance for access to a construction site.</td>
</tr>
<tr>
<td>Water Crossings Permit</td>
<td>Fisheries and Oceans Canada/MNRF</td>
<td>Any in-water change to an existing, or installation of new, water crossing.</td>
</tr>
<tr>
<td>Endangered Species Act, 2007 registration, permit or authorization</td>
<td>MNRF</td>
<td>Registration, permit or other authorization for activities that contravene the <em>Endangered Species Act</em> with conditions aimed at protecting or recovering Species at Risk (SAR).</td>
</tr>
</tbody>
</table>
2 Project Assessment Process

This section presents a summary of the proposed Project’s specific requirements of the Class EA process as they pertain to this ESR.

2.1 Study Area Definition

The study area is the area within which activities associated with the proposed Project will occur and where potential environmental effects will be studied.

The study area includes the existing RoW where the wood pole structures are to be replaced on Circuit H9A, as well as all identified access routes and points. The study area for the EA was determined using professional judgment regarding the limited and predictable environmental effects of Hydro One’s regular wood pole replacement projects. The study area is designed to include the zone potentially affected by the proposed Project construction (primarily isolated to access routes and the RoW) and most potential off-corridor access routes.

The study area is located in the City of Ottawa (Figure 2-1). Figure 2-2 shows a typical area on the H9A RoW.
Figure 2-1: General area map
2.2 Initial Notification

Initial notification to municipal and provincial government officials, government agencies, First Nations and Métis communities, potentially affected and interested persons, and interest groups was completed by Hydro One in September and October 2016. These stakeholders were notified of the need for the proposed Project, the study area, and were asked to provide comments. Each ministry, department or agency was asked to provide comments with respect to potential concerns relating to their respective policies, mandates and/or jurisdictions.

Refer to section 4 for additional information on the consultation activities undertaken for the proposed Project and Appendix B for consultation related documents, including contact lists.
2.3 Environmental Inventory

As described in the Class EA, information was collected for eight environmental factors and resources, including:

- Agriculture Resources
- Forest Resources
- Cultural Heritage Resources (i.e. built heritage resources, cultural heritage landscape and archaeological sites)
- Human Settlements
- Mineral Resources
- Natural Environment Resources (e.g. air, land, water, wildlife, etc.)
- Recreational Resources
- Visual and Aesthetic Resources (i.e., appearance of the landscape)

Information pertaining to each of the factors and resources was obtained from literature review, reports commissioned by Hydro One, databases, mapping, consultation and/or field surveys. The environmental baseline conditions are summarized in section 3 of this ESR.

2.4 Identification and Evaluation of Alternative Methods

The *EA Act* and the Class EA process require identification and evaluation of alternative methods of carrying out the undertaking. Alternative methods of carrying out the undertaking are distinct from alternatives to the undertaking. Alternative methods may include different transmission line routes, connection points, and design, etc.

The wood pole replacement program is a routine refurbishment program, which involves the replacement of a number of aging and damaged wood pole structures and their components on the existing RoW, with no additional land rights required. The new poles will be similar in appearance to the existing poles, and will be installed in close proximity to the old pole locations and along the same centerline.

Therefore, due to the nature of the work involved, no alternatives methods are considered reasonable from a technical, economic, and environmental perspective.
2.5 Draft Environmental Study Report and Final Notification

This draft ESR describes and documents the Class EA process undertaken for the planning of the proposed Project. The information contained within this ESR consists of the following:

a. Name and description of the proposed Project (section 1);

b. A description of the need for the proposed Project (section 1.1);

c. A description of the alternatives to the undertaking and the preferred alternative (section 1.4);

d. A description of the study area for the proposed Project and the existing environment (section 3);

e. A description of the potential environmental effects (positive and negative) (section 5);

f. A description of the alternative methods considered for the Project (section 2.4);

g. A description of the preferred alternative (section 2.4);

h. A description of the consultation that was undertaken (section 4);

i. A description of other applicable permits and approvals required for the proposed Project (section 1.5.3);

j. A description of mitigation measures and predicted net effects (section 5.1); and

k. A description of any required environmental monitoring (section 6).

Upon completion of the draft ESR, a Final Notification is to be distributed to inform municipal and provincial government officials, government agencies, First Nations and Métis communities, potentially affected and interested persons that the ESR is complete and the review period is commencing. Details of the Final Notification and the draft ESR review period can be found in section 4.5.
Upon completion of the Class EA process, the final ESR will be filed with the MOECC, along with the Statement of Completion form. Copies of the ESR will also be forwarded to any organization or individual upon request.
3 Environmental Features in the Study Area

As described in the Class EA process, information was collected for the factors listed below:

- Agricultural Resources
- Forestry Resources
- Cultural Heritage Resources (i.e. built heritage resources, cultural heritage landscapes and archeological resources)
- Human Settlements
- Mineral Resources
- Natural Environment Resources (e.g. air, land, water, wildlife, etc.)
- Recreational Resources
- Visual and Aesthetic Resources (i.e. appearance of the landscape)

The following sections summarize the environmental baseline conditions in the proposed Project study area. Information for the factors was based on a review of literature, reports commissioned by Hydro One, databases, mapping, consultation and/or field surveys. Maps illustrating known environmental factors within the study area are presented in Appendix A2.

3.1 Agricultural Resources

Canada Land Inventory (CLI) mapping illustrates the soil capability for agriculture, categorized by soil classes according to the Soil Capability Classification of Agriculture (Agriculture and Agri-Food Canada [AAFC], 2016). Soil Classes are based on characteristics of the soil as determined by soil surveys, and are used to rate agricultural land capability. Class 1 lands have the highest and Class 7 lands the lowest capability to support agricultural land activities. (AAFC, 2016).

A review of the CLI mapping identified Class 1, 2 and 3 soils within the study area (AAFC, 1998). Class 1 lands contain soils with no significant limitations in use for crops. This soil class contains soils that are deep, well to imperfectly drained and hold moisture well. Under good management, Class 1 soils provide moderately high to high agricultural productivity for a wide range of field crops (AAFC, 1998). Class 2 lands contain soils that are deep and hold moisture well; however, this soil class has moderate limitations that may restrict the range of
Crops or require moderate conservation practices (AAFC, 1998). Class 3 soil has limitations more severe than Class 2 soils, thus restricting the range of crops or requiring special conservation practices (AAFC, 1998).

Examination of satellite imagery indicates that approximately half of the RoW, between structures 17 and 38, is situated on agricultural land (see Appendix A2).

### 3.2 Forestry Resources

The study area is located in the Great Lakes-St. Lawrence forest region. This region contains coniferous trees such as White Pine, Red Pine, Hemlock and White Cedar, and deciduous broad-leaved species, such as Yellow Birch, Sugar and Red Maples, Basswood and Red Oak. (Ministry of Natural Resources and Forestry [MNRF], 2015a).

The existing RoW was selectively cut during construction of Circuit H9A in the 1960s and has been maintained to ensure electrical safety. A deciduous forest is located near structures 17 to 19 and 26 to 31 (Appendix A2).

### 3.3 Cultural Heritage Resources

Provincial heritage properties include three types of cultural heritage resources: built heritage resources, cultural heritage landscapes and archaeological sites (Ministry of Tourism, Culture and Sport, 2010).

The study area is located within a disturbed, existing RoW. No cultural heritage resources were noted in the study area.

### 3.4 Human Settlements

The study area is located within the City of Ottawa. English and French are the most common languages spoken across the study area (Statistics Canada, 2012).

The City of Ottawa has a population of approximately 883,391 in an area greater than 2,790 square kilometres (Statistics Canada, 2012).
Seven hundred and twenty-five private property owners and residents were identified within the proposed Project study area. These property owners and residents were included in the consultation program (see section 4.4.1).

3.4.1 First Nations and Métis Lands

No First Nation Reserve Lands are located within the study area (Aboriginal Affairs and Northern Development Canada, 2016).

3.5 Mineral Resources

There are no registered active pits, quarries or abandoned mine sites located in the study area (MNRF, 2016; Ministry of Northern Development and Mines [MNDM], 2016).

3.6 Natural Environment Resources

3.6.1 Physical Environment

The landscape in the area is typical of the Interior Platform, with flat lying Cambrian and Cenozoic rocks within a low-lying topography. The structures are located within glaciomarine and marine deposits predominately composed of silt and clay (MNDM, 2012).

3.6.2 Surface and Groundwater Hydrology

The study area is located within the Lower Ottawa – South Nation watershed (tertiary), which is a part of the Lower Ottawa watershed (secondary) and the Great Lakes – St. Lawrence Basin (primary) (MNRF, 2013).

McKinnon Creek crosses the RoW within the study area in approximately eight locations (see Appendix A2). There are no known wetlands within the study area.

The study area is located outside of Highly Vulnerable Aquifers, the Ottawa Intake Protection Zone, Significant Groundwater Recharge Areas, and Well Head Protection Areas identified in the Mississippi-Rideau Source Water Protection Plan (2013) by the Mississippi Valley and Rideau Valley Conservation Authorities.
3.6.3  **Wildlife**

No osprey bird nests were identified within the RoW or on the transmission poles. No deer yards, nesting, or breeding areas have been identified within the study area.

3.6.4  **Designated or Special Natural Areas**

Designated or Special Natural Areas may include: Provincial Plan Areas, Conservation Authority Areas and Environmentally Sensitive Areas, Important Bird Areas, parks or conservation reserves, and communities under the *Far North Act, 2010*.

The study area is located within two conservation authority areas: the Rideau Valley Conservation Authority and the South Nation Conservation Authority.

3.6.5  **Natural Heritage Features**

In accordance with the *PPS (2014)*, natural heritage features and areas include significant wetlands, significant coastal wetlands, fish habitat, significant woodlands and significant valleylands, habitat of endangered species and threatened species, significant wildlife habitat, and Areas of Natural and Scientific Interest.

No natural heritage features have been identified within the study area.

3.6.6  **Species at Risk**

Species at Risk (SAR) are those species given status rankings by the federal Committee on the Status of Endangered Wildlife in Canada and/or the provincial Committee on the Status of Species at Risk in Ontario based on the Species at Risk in Ontario list as being of special concern, threatened or endangered according to federal or provincial legislation.

Based on mapping produced by the Natural Heritage Information Centre data on rare and endangered species in Ontario, two SAR were identified and observed in or near the study area: Bobolink and Eastern Meadowlark. These species are protected under the *Ontario Endangered Species Act (2007)*.
Bobolink

Bobolink (threatened) is a medium-sized migratory songbird found in grasslands and hayfields. During their summer breeding season, male Bobolinks are black with a white back and yellow collar. However, when males lose their breeding plumage in late summer, they resemble the female’s tan colour with black stripes. Bobolinks spend the majority of their time on the ground feeding on insects and seeds, and typically breed across North America and is widely distributed throughout Ontario, south of the boreal forest. Different farming practices threaten the species throughout the year. In wintering areas, Bobolinks are considered a pest to farmers of grain crops. Mowing of hay during the spring breeding period can destroy nests and eggs, and cutting of hay in early to mid-July coincides with the time young birds are in the nest, thus increasing vulnerability to predators (MNRF, 2015b).

Eastern Meadowlark

Eastern Meadowlark (threatened) is a medium-sized migratory songbird with a bright yellow belly, black “V” on its breast and white flanks with black streaks. The species breeds primarily in tall grasslands, such as pastures and hayfields, but are also found in weedy borders of croplands, shrubby overgrown fields, or other open areas. Eastern Meadowlark are primarily found south of the Canadian Shield in Ontario, but it has also inhabited northern areas near Lake Nipissing, Timiskaming and Lake of the Woods. Eastern Meadowlark are threatened due to changes in land use and the loss of suitable habitat that has resulted from development, changes in farming practices, over-grazing of pasturelands by livestock, grassland fragmentation, reforestation and the use of pesticides (MNRF, 2015c).

3.7 Recreational Resources

Two neighbourhood parks, Mariah Park and Portobello Park, are located within the study area, adjacent to structure 4 and structure 8, respectively. Both parks are operated and maintained by the City of Ottawa.

Informal trails cross the study area near structures 6, 7 and 9, and are used recreationally for walking and hiking.
The City of Ottawa has informed Hydro One that the construction of a multi-use pathway is scheduled to commence in Spring 2017. The multi-use pathway will be located within the Circuit H9A RoW, from Melanson Crescent to Brian Coburn Boulevard (i.e., structures 6 to 9). A multi-use pathway is also presently being constructed by Minto Group Inc. (Minto) within the Circuit H9A RoW, south of Brian Coburn Boulevard. See section 4.3.1 for further information and correspondence.

### 3.8 Visual and Aesthetic Resources

The proposed Project involves the replacement of wood pole structures with composite poles in approximately the same location as the existing structures. The new poles will be similar in appearance to the existing poles.
4 Consultation

Consultation is an important component of the EA process. The purpose of consultation is to provide those who may be interested in, or potentially affected by, the proposed Project with timely information and opportunities to participate in the planning process. Consultation also allows Hydro One to gain information and knowledge related to social, cultural, economic and environmental considerations of direct relevance to the proposed Project, as well as the means to inform and explain the approach to and value of the proposed Project.

Consultation is a two-way communication process to involve municipal and provincial government officials and agencies, First Nations and Métis communities, potentially affected and interested persons, and interest groups. Input received from stakeholders is carefully considered, and incorporated into the proposed Project, where appropriate. Consultation methods were selected to ensure a comprehensive, transparent and sufficient consultation process based on the specific complexity and circumstances of the proposed Project.

Notification regarding the proposed Project and the Class EA process was sent directly to First Nations and Métis communities, municipal and provincial government officials and agencies, potentially affected and interested persons, and interest groups identified in the study area.

Notification was also placed in local newspapers, Ottawa Citizen (English) and Ottawa le Droit (French), on Thursday, November 10, 2016.

Interested parties were invited to participate in the Class EA process through:

- A toll-free project hotline (1-877-345-6799)
- A General Wood Pole Replacement Program e-mail address (WPRP_EEPS@HydroOne.com)
- Phone calls and correspondence with government agencies, and First Nations and Métis communities
- The draft ESR review and comment period
Results of the consultation program are summarized below. Contact lists and copies of the consultation program materials and correspondence with First Nations and Métis communities, municipal and provincial government officials and agencies, and the public are included in Appendix B.

This draft ESR includes correspondence received up to October 27, 2016. Consultation activities conducted and correspondence received after this date, and during the draft ESR review period, will be included in the final ESR.

4.1 First Nations and Métis Communities

The consultation requirements of the Class EA process apply to First Nations and Métis Communities. Hydro One contacted the Ministry of Energy early in the proposed Project planning process on April 1, 2016 and provided a description of the characteristics and location of the proposed Project. The Ministry of Energy sent a letter via email to Hydro One on June 24, 2016 stating that the Ministry is of the view that the Project will not result in any appreciable adverse effect on the asserted or established rights of any First Nation and Métis communities. Based on the information available, the Ministry indicated no concerns with the First Nation and Métis communities identified by Hydro One for engagement in relation to this proposed Project.

The Ministry recommended that Hydro One maintain a record of its interaction with the First Nation and Métis communities identified. The First Nation and Métis communities identified to be included in the consultation program include:

- Algonquins of Ontario
- Métis Nation of Ontario (MNO) - Ottawa Region Métis Council

Throughout the consultation program these First Nations and Métis communities were notified about the proposed Project, regularly informed of updates, and requested to provide input related to the proposed Project. This was achieved by way of direct correspondence of all notifications, provision of information and updates about the proposed Project, and opportunities to hear the community’s issues and concerns.
Hydro One initiated consultation by sending a Project notification letter, via courier mail (September 22, 2016) and email (September 23, 2016), to First Nations and Métis Communities (see Appendix B1). Communities were contacted by telephone to discuss the Project.

4.2 Provincial Government and Agencies

Notification letters for the proposed Project were sent via email between October 14, 2016 to October 28, 2016 to government agencies, including the Rideau Valley and South Nation Conservation Authorities. The notification letters provided a brief description of the undertaking and the study area, as well as the Class EA process. The notification letters and summary of correspondence is provided in Appendix B2. Input was solicited from agencies through telephone and e-mail communications.

The agencies included in the consultation program include:

- Infrastructure Ontario
- Ministry of the Environment and Climate Change
- Ministry of Natural Resources and Forestry
- Ministry of Tourism, Culture and Sport
- Rideau Valley Conservation Authority
- South Nation Conservation Authority

4.3 Municipal Government

Hydro One identified the following municipal government to be included in the consultation program:

- City of Ottawa

Notification letters for the proposed Project were sent October 12 through October 14, 2016. The notification letters provided a brief description of the undertaking and the study area, as well as the Class EA process (Appendix B3).
4.3.1 City of Ottawa

Ward 19 - Councillor's Assistant

The Ward 19 Councillor’s Assistant emailed Hydro One on October 14, 2016 inquiring whether the replacement of wood poles would take place during the evening, and what communication methods construction crews would use while conducting the work. The Councillor’s Assistant noted that during spring 2016, Hydro One carried out work in this area during the evening, and crews’ use of speakers to communicate resulted in noise complaints from residents.

On October 17, 2016 the Councillor’s Assistant provided Hydro One with a copy of prior email correspondence with Hydro One in June 2016 explaining that the aforementioned work was conducted in the evening due to transmission outage availability, and the use of speakers was necessary due to the nature of the work and safety requirements. The Councillor’s Assistant requested Hydro One make best efforts to avoid evening work and the use of speakers.

Hydro One responded via email on October 24, 2016 informing that Councillor’s Assistant that Hydro One is looking into the aforementioned work and would follow-up when more construction specific information pertaining to the wood pole replacement is available.

Ward 19 - Councillor’s Office

The Ward 19 Councillor’s Office also emailed Hydro One on October 18, 2016 to inquire about which property owners along the RoW were notified about the proposed Project, and how they were notified. During a telephone call on October 19, 2016, Hydro One informed the Ward 19 Councillor’s Office that private property owners and residents living within 100 metres of the Circuit H9A RoW were identified and notified of the proposed Project via addressed Canada Post mail. A total of 725 private property owners and residents received the notification letter and project map (see Appendix B4).

Parks and Facilities Planning Department

On October 25, 2016, Hydro One received a telephone call, and follow-up email, from the City of Ottawa, Parks and Facilities Planning department, in regards to a planned multi-use
pathway that the City plans to construct within a portion of the Circuit H9A RoW. The Parks Planner provided a drawing of the planned multi-use pathway via email, illustrating the pathway’s location within the RoW from Melanson Crescent to Brian Coburn Boulevard (see Appendix A2). Preference was noted for the replacement of wood pole structures (structure 6 to 9) to occur prior to the pathway construction scheduled to commence in spring 2017. Concern was expressed that the pathway may be damaged if wood pole replacement is to occur after the pathway has been constructed.

In addition, the representative from Parks and Facilities Planning informed Hydro One that a multi-use pathway is also presently being constructed within the Circuit H9A RoW, south of Brian Coburn Boulevard, by Minto Group Inc. (Minto). The Parks Planner noted that some wood pole structures in that area may have already been replaced as part of Minto’s subdivision development. Hydro One was advised to contact Minto to further discuss the replacement of wood pole structures and the construction of the multi-use pathway.

Hydro One has notified Minto of the proposed project (see section 4.4.2) and will continue to consult with Minto and the City of Ottawa Parks and Facilities Planning in regards to the construction of the multi-use pathway.

4.4 Public

Consultation opportunities were provided to potentially affected and interested persons and interest groups throughout the Class EA Process. The public was notified about the proposed Project by means of direct contact by means of Canada Post mail, newspaper advertisements, and email where applicable.

4.4.1 Potentially Affected and Interested Persons

Seven hundred and twenty-five (725) private property owners and residents were identified within the study that may be potentially affected or adjacent to the proposed Project. These property owners and residents were contacted directly through Canada Post mail for all consultation activities. Hydro One initiated consultation by sending a notification letter to potentially affected and interested persons in October, 2016 (see Appendix B4).
4.4.2 Interest Groups

Hydro One identified the following interest groups to be included in the consultation program:

- Minto Group Ltd.
- St. Dominic School
- Ottawa Catholic District School Board

Hydro One initiated consultation by sending a notification letter in October, 2016.

4.5 Final Notification and Draft ESR Review Period

The draft ESR is available for a 30-day review and comment period. Notification regarding the review and comment period was provided directly to First Nations and Métis communities, government officials and agencies, and potentially affected and interested persons and interest groups. The availability of the draft ESR for review and comment was also advertised in local newspapers (Ottawa Citizen (English) and Ottawa le Droit (French) on Thursday November 10, 2016).

The draft ESR is available on the Project website: http://www.HydroOne.com/WoodPole.

Copies were also sent directly to interested parties and are available at the following locations:

Cumberland Public Library
1599 Tenth Line Road
Ottawa, ON  K1E 3E8

Comments or questions regarding the draft ESR are to be submitted to Hydro One no later than 4:00 p.m. on Tuesday, December 13, 2016 and sent to:

Kimberly Miller-Bautista
Environmental Planner
Hydro One Networks Inc.
483 Bay Street, North Tower, 14th Floor
Toronto, ON  M5G 2P5
(416) 951-9714
WPRP_EEPS@HydroOne.com

OR

Stephanie Hodsoll
Community Relations Officer
Hydro One Networks Inc.
483 Bay Street, South Tower, 6th Floor
Toronto, ON  M5G 2P5
Toll Free: 1-877-345-6799
Community.Relations@HydroOne.com
The Ontario *EA Act* has provisions that allow interested parties to ask for a higher level of assessment for a Class EA project if they feel that outstanding issues have not be adequately addressed by Hydro One. This is referred to as a Part II Order request. Such requests must be addressed in writing to the Minister of the Environment and Climate Change, as well as the Director of the Environmental Approvals Branch of the MOECC, and received no later than 4:00 p.m. on December 13, 2016, at the following addresses:

**Minister of the Environment and Climate Change**
77 Wellesley Street West
11th Floor, Ferguson Block
Toronto, ON  M7A 2T5
Email: Minister.MOECC@ontario.ca

**Director, Environmental Approvals Branch**
Ministry of the Environment and Climate Change
135 St. Clair West, 1st Floor
Toronto, ON  M4V 1P5
Email: EAASIBgen@ontario.ca

A duplicate copy of a Part II Order request must also be sent to Hydro One at the address noted above.

### 4.6 Statement of Completion

Upon completion of the draft ESR review period, Hydro One will incorporate all comments received during the review period and finalize the ESR if no Part II Order requests have been received. The final ESR will be placed on the project website and sent to the Environmental Approvals Branch at the MOECC and the appropriate Regional EA Coordinator for filing. Hydro One will complete and submit the Statement of Completion form to the MOECC along with the finalized ESR. At this point the Project will be considered accepted and can proceed as outlined in the final ESR.
5 Potential Environmental Effects & Mitigation Measures

Potential effects of the construction and operation of the proposed Project, and the recommended mitigation measures to reduce potentially adverse environmental effects are described below. The selection of mitigation measures are based on the following five principles:

- Avoidance of sensitive areas, where practical;
- Avoidance of watercourse crossings, where practical, by use of an existing nearby crossing, access to structures from either side of the watercourse, or use of off-corridor access;
- Appropriate timing of construction activities, where practical, to avoid sensitive time periods, such as fish spawning and egg incubation periods, or migratory bird nesting periods;
- Implementation of typical, proven mitigation measures during construction will be consistent with the criteria set out in Appendix J of the Class EA, and in accordance with all applicable legislative requirements; and
- Development of environmental enhancement or compensation measures to offset the unavoidable effects of construction and operation where such effects exist and where practical.

Table 5-1 documents the interaction between the proposed Project activities and environmental factors and any resulting potential effects. For each potential effect, appropriate mitigation measures have been identified to eliminate or reduce the effect.

Based upon the implementation of the proposed mitigation measures, no significant adverse or residual effects are expected.
5.1 Potential Effects and Mitigation

Table 5-1: Potential effects and mitigation

<table>
<thead>
<tr>
<th>Environmental Component</th>
<th>Potential Effects</th>
<th>Mitigation and Protection Measures</th>
<th>Net Effects*</th>
</tr>
</thead>
</table>
| **Agricultural Resources** | • Approximately half of the study area, between structures 17 and 38, is situated on agricultural land | • Agricultural land will be avoided if possible  
• Any necessary travel across agricultural land will be discussed with the property owner prior to construction to determine the most appropriate access route  
• Any necessary travel will only occur under appropriate weather conditions to minimize soil disturbance | None anticipated |
| **Forestry Resources** | • Construction will primarily be located on a selectively cut RoW and will not affect forest resources  
• Existing roads and trails will be used to access the RoW | • The City of Ottawa and/or property owner will be consulted and applicable permissions will be obtained prior to any minor brushing of existing trails  
• The minor nature of any brushing required is unlikely to have an effect on forest resources in the study area | None anticipated |
| **Cultural Heritage Resources** | • The proposed Project involves replacement of wood pole structures within the existing transmission corridor. No new corridor will be required, and there | • No potential to affect built heritage resources and cultural heritage landscapes.  
• In the event that human remains are encountered, Hydro One will immediately stop work in the | None anticipated |
### Environmental Component

<table>
<thead>
<tr>
<th>Environmental Component</th>
<th>Potential Effects</th>
<th>Mitigation and Protection Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>will be little noticeable difference in this transmission line after the proposed Project has been completed.</td>
<td>area and notify the police, the coroner’s office, MTCS and the Registrar of Cemeteries.</td>
</tr>
<tr>
<td></td>
<td>• No cultural heritage resources were noted in the study area</td>
<td>• The Cemeteries Regulation Unit of the Ministry of Consumer Services may be contacted toll free at 1-800-889-9768.</td>
</tr>
<tr>
<td></td>
<td>• There is limited potential to encounter human remains or archaeological resources during the course of construction</td>
<td>• If archaeological or cultural material is encountered during the course of the Project, all activities with the potential to affect the archaeological material will cease immediately and a licensed archaeologist will be engaged to carry out an archaeological assessment in compliance with sec. 48(1) of the <em>Ontario Heritage Act, 1990</em></td>
</tr>
<tr>
<td></td>
<td>• Excavation will be limited to auguring or rock drilling for new wood pole structures. Minor re-grading of access routes may also be required</td>
<td></td>
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<tr>
<td></td>
<td>• Low ground pressure tracked vehicles will be used where practical to minimize potential subsurface compaction</td>
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</table>

### Human Settlement

<table>
<thead>
<tr>
<th>Human Settlement</th>
<th>Mitigation and Protection Measures</th>
<th>Net Effects*</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Noise, dust, and traffic disruptions may result from construction activities</td>
<td>• Equipment will be maintained in good running condition with mufflers in compliance with applicable regulations</td>
<td>Minimal positive (small increase in business) and negative (noise and dust)</td>
</tr>
<tr>
<td>• Some area businesses such as motels and restaurants may see a slight increase in activity</td>
<td>• Emissions which are associated with construction activities are primarily dust and combustion emissions from construction equipment; these emissions will be of relatively</td>
<td></td>
</tr>
<tr>
<td>Environmental Component</td>
<td>Potential Effects</td>
<td>Mitigation and Protection Measures</td>
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<td></td>
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<td>short duration and unlikely to have any effect on the surrounding airshed</td>
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<td>• In the event of dry conditions and excessive dust, water will be applied to access routes to prevent dust</td>
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<td></td>
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<td>• Traffic disruptions will likely be minimal and is anticipated to only occur when equipment is off-loaded next to local roads</td>
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<td></td>
<td></td>
<td>• Mud and dirt deposited on municipal roads by construction vehicles and equipment will be removed daily or more frequently as necessary</td>
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<td></td>
<td></td>
<td>• Hydro One will follow all municipal by-laws pertaining to noise</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Crew members may utilize local businesses such as motels or restaurants and may provide a slight economic benefit to the area</td>
</tr>
<tr>
<td>Mineral Resources</td>
<td></td>
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<tr>
<td></td>
<td>• No active aggregate pits, quarries or mines are located in or near the RoW</td>
<td>• Not required</td>
</tr>
<tr>
<td>Natural Environment Resources</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Environment</td>
<td>• No potential effects identified</td>
<td>• Not required</td>
</tr>
<tr>
<td>Surface &amp; Groundwater Hydrology</td>
<td>• McKinnon Creek crosses the RoW within the study area in approximately 8 locations</td>
<td>• Existing watercourse crossings will be used where possible</td>
</tr>
<tr>
<td>Environmental Component</td>
<td>Potential Effects</td>
<td>Mitigation and Protection Measures</td>
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<td></td>
<td>Sedimentation of watercourses or erosion of banks can result from crossing watercourses without mitigation or protection measures.</td>
<td>Applicable permits or approvals will be obtained prior to any repairs or replacements of existing crossings. Watercourse crossings will be avoided where possible by using off-corridor access or accessing structures from either side of the watercourse on the RoW. If a watercourse crossing is unavoidable, Hydro One will use a temporary crossing structure such as a log stringer bridge to cross smaller streams, or a temporary highway grade bridge crossing for larger watercourses. Hydro One will discuss any potential crossings and obtain a letter of permission if necessary from the MNRF. Hydro One will apply for any necessary permits and approvals from the Department of Fisheries and Oceans Canada.</td>
</tr>
<tr>
<td>Wildlife Habitat Birds</td>
<td>No bird nests have been identified on the RoW</td>
<td>No vegetation removal is anticipated as part of the Project. If any raptor nests are encountered during construction, Hydro One will notify the appropriate MNRF District office and attempt to salvage any nests during pole removal. Old poles may be erected in the same general location and the nest will be replaced on top, or an alternate nest structure will be created in the RoW.</td>
</tr>
<tr>
<td>Environmental Component</td>
<td>Potential Effects</td>
<td>Mitigation and Protection Measures</td>
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</table>
| Species at Risk (SAR)   | • Construction may affect Bobolink and/or Eastern Meadowlark or its habitat | • UTM coordinates for any artificial nest structures will be provided to the MNRF  
                                 • All construction personnel will be aware of the potential presence of, and be able to identify Bobolink and Eastern Meadowlark  
                                 • Ground surveys for SAR will be conducted immediately prior to the use of heavy machinery  
                                 • All SAR observations will be reported to the appropriate MNRF District Office as soon as possible  
                                 • If a SAR is harmed or killed as a result of the work being done, all work will cease and the appropriate MNRF District Office will be contacted for direction  
                                 • Additional mitigation measures will be discussed with the MNRF prior to construction | None anticipated |

**Recreational Resources**

<table>
<thead>
<tr>
<th>Potential Effects</th>
<th>Mitigation and Protection Measures</th>
<th>Net Effects*</th>
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</table>
| • Two neighbourhood parks, Mariah Park and Portobello Park, are located within the study area  
  • For safety reasons, temporary closure of the park(s) may be required to access the structures  
  • Construction activities may result in damage to planned multi-use pathways located on the RoW | • Minto will be contacted prior to construction  
  • Hydro One will continue to work with the City of Ottawa to attempt to coordinate construction efforts to minimize effects to surrounding community and the planned multi-use pathway | None anticipated |
<table>
<thead>
<tr>
<th>Environmental Component</th>
<th>Potential Effects</th>
<th>Mitigation and Protection Measures</th>
<th>Net Effects*</th>
</tr>
</thead>
</table>
| Visual & Aesthetic Resources | • The proposed Project will take place on an existing RoW  
• Wood pole structures will be replaced with similar composite structures in approximately the same locations  
• No effects to the visual and/or aesthetic appearance of the landscape are expected | • Not required                    | None anticipated       |

*following implementation of mitigation and protection measures
6 Monitoring

An Environmental Specialist will be assigned to the proposed Project for the duration of construction and will plan periodic site visits, based on the Project activity schedule, to monitor construction activities and provide guidance.

Following completion of the Class EA process, and in accordance with Hydro One’s internal procedures, the Environmental Specialist will provide construction crews with the following:

- Summary of legislative requirements;
- Summary of environmental commitments set out in the final ESR;
- Terms and conditions of approval, if any; and
- Specific directions to construction personnel.
7 Conclusions

Hydro One is planning to refurbish approximately 7 kilometres of the existing 115 kV transmission line, Circuit H9A.

Circuit H9A was built in 1962 and some of the wood pole structures have reached their end-of-life. The refurbishment is necessary to maintain a safe and reliable electricity supply to residential and industrial customers in the area. The net environmental effects of the proposed Project have been determined to be minor as a result of this Class EA process.

Consultation for this proposed Project included First Nations and Métis communities, municipal and provincial government officials and agencies, potentially affected and interested persons, and interest groups. Input received from stakeholders is carefully considered and incorporated into the proposed Project, where appropriate.

The draft ESR is available for review and comment from November 14, 2016 until December 13, 2016 at the following location:

Cumberland Public Library
1599 Tenth Line Road
Ottawa, ON K1E 3E8

The draft ESR is available on the Project website: http://www.HydroOne.com/WoodPole

Comments or questions regarding the draft ESR are to be submitted to Hydro One no later than 4:00 p.m. on Tuesday, December 13, 2016 and sent to:

Kimberly Miller-Bautista
Environmental Planner
Hydro One Networks Inc.
483 Bay Street, North Tower, 14th Floor
Toronto, ON M5G 2P5
(416) 951-9714
WPRP_EEPS@HydroOne.com

OR

Stephanie Hodson
Community Relations Officer
Hydro One Networks Inc.
483 Bay Street, South Tower, 6th Floor
Toronto, ON M5G 2P5
Toll Free: 1-877-345-6799
Community.Relations@HydroOne.com

Comments on this draft ESR will be taken into account in preparation of the final ESR.
References


APPENDIX A:

Project Location Maps
APPENDIX A1:

General Area Map
Approximate Work Area

Circuit H9A - 115 kV Transmission Line

Other Transmission Lines (115 kV and 230 kV)

Existing Electrical Station

Roads

Water

2017 Wood Pole Replacement Project – Circuit H9A
General Area Map

NOT TO BE REPRODUCED OR REDISTRIBUTED CONFIDENTIAL TO HYDRO ONE NETWORKS INC.
APPENDIX A2:

Natural Features Maps
APPENDIX B:

Consultation
APPENDIX B1:

First Nations and Métis Communities
**First Nation and Métis Community Contact List**

<table>
<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th>Title</th>
<th>Address Line</th>
<th>City</th>
<th>Province</th>
<th>Postal Code</th>
<th>Email</th>
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</thead>
<tbody>
<tr>
<td>Ministry of Energy</td>
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<td></td>
</tr>
<tr>
<td>Amy</td>
<td>Gibson</td>
<td>Manager - Indigenous Energy Policy</td>
<td>77 Grenville Street, 6th Floor</td>
<td>Toronto</td>
<td>ON</td>
<td>M7A 2C1</td>
<td><a href="mailto:amy.gibson@ontario.ca">amy.gibson@ontario.ca</a></td>
</tr>
<tr>
<td>Adam</td>
<td>Feather</td>
<td>Policy Advisor - Indigenous Energy Policy</td>
<td>77 Grenville Street, 6th Floor</td>
<td>Toronto</td>
<td>ON</td>
<td>M7A 2C1</td>
<td><a href="mailto:adam.feather@ontario.ca">adam.feather@ontario.ca</a></td>
</tr>
<tr>
<td><strong>Algonquins of Ontario</strong></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Janet</td>
<td>Stavinga</td>
<td>Executive Director</td>
<td>31 Riverside Dr., Suite 101</td>
<td>Pembroke</td>
<td>ON</td>
<td>K8A 8R6</td>
<td><a href="mailto:algonquins@tanakiwin.com">algonquins@tanakiwin.com</a></td>
</tr>
<tr>
<td><strong>Métis Nation of Ontario (MNO)</strong></td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>MNO Consultation Unit</td>
<td>500 Old St. Patrick Street, Unit D</td>
<td>Ottawa</td>
<td>ON</td>
<td>K1N 9G4</td>
<td><a href="mailto:consultations@metisnation.org">consultations@metisnation.org</a></td>
</tr>
<tr>
<td><strong>MNO – Ottawa Region Métis Council</strong></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Tara</td>
<td>Michaud</td>
<td>President</td>
<td>419-140 Main Ave.</td>
<td>Ottawa</td>
<td>ON</td>
<td>K1N 1E5</td>
<td><a href="mailto:president.ormc@gmail.com">president.ormc@gmail.com</a></td>
</tr>
</tbody>
</table>

**First Nation and Métis Community Record of Correspondence**

<table>
<thead>
<tr>
<th>Date</th>
<th>Method</th>
<th>First Nation or Métis Contact</th>
<th>Project Team Member</th>
<th>Communication Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 1, 2016</td>
<td>Email (Sent)</td>
<td>Amy Gibson</td>
<td>Daniel Charbonneau (Hydro One)</td>
<td>Hydro One emailed a letter to the Ministry of Energy, providing notification that they are planning to conduct a Class EA for the replacement of approximately 36 wood poles along circuit H9A. Hydro One stated that they have identified Algonquins of Ontario and Ottawa Region Métis Council as communities that may have an interest in this project. Hydro One requested confirmation from the Ministry of Energy that this is an accurate and exhaustive list of communities to be consulted in relation to the project.</td>
</tr>
<tr>
<td>June 24, 2016</td>
<td>Email (Received)</td>
<td>Adam Feather (letter signed by Amy Gibson)</td>
<td>Daniel Charbonneau (Hydro One)</td>
<td>Hydro One received a letter via email from the Ministry of Energy in response to Hydro One’s letter dated April 1, 2016, in regards to circuit H9A. The Ministry of Energy stated the Ministry is of the view that the project will not result in any appreciable adverse effects on the asserted or established rights of any First Nation or Métis communities. The Ministry recommended that Hydro One maintain a record of interactions with communities about the proposed project if it engaged any First Nation or Métis community on an interest-basis. The Ministry requested that they be notified if a community provides Hydro One with information indicating a potential adverse effect of the proposed project on its Aboriginal or Treaty rights.</td>
</tr>
<tr>
<td>September 22, 2016</td>
<td>Express Post Mail (Sent)</td>
<td>Janet Stavinga</td>
<td>Kimberly Miller-Bautista (Hydro One)</td>
<td>Hydro One mailed, via Canada Post Express Post mail, a hardcopy of the project notification letter and map.</td>
</tr>
<tr>
<td>September 23, 2016</td>
<td>Email (Sent)</td>
<td>Janet Stavinga</td>
<td>Kimberly Miller-Bautista (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project. Hydro One provided a brief summary of the scope of the proposed project, and provided the notification letter and proposed project map as email attachments. Hydro One welcomed comments and feedback, and noted that if interested, Hydro One would be pleased to arrange a meeting to discuss the project details.</td>
</tr>
<tr>
<td>October 21, 2016</td>
<td>Telephone (Sent)</td>
<td>Administrative Assistant</td>
<td>Golder Associates Ltd. (on behalf of Hydro One)</td>
<td>Golder Associates Ltd. called to confirm receipt of the project notification and to inquire whether there were any comments or concerns pertaining to the project. The Administrative Assistant confirmed receipt of the project notification and noted that project is currently being reviewed.</td>
</tr>
<tr>
<td>September 22, 2016</td>
<td>Express Post Mail (Sent)</td>
<td>President Michaud</td>
<td>Kimberly Miller-Bautista (Hydro One)</td>
<td>Hydro One mailed, via Canada Post Express Post mail, a hardcopy of the project notification letter and map.</td>
</tr>
<tr>
<td>September 23, 2016</td>
<td>Email (Sent)</td>
<td>President Michaud (cc: MNO Consultation Unit)</td>
<td>Kimberly Miller-Bautista (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project. Hydro One provided a brief summary of the scope of the proposed project, and provided the notification letter and proposed project map as email attachments. Hydro One welcomed comments and feedback, and noted that if interested, Hydro One would be pleased to arrange a meeting to discuss the project details.</td>
</tr>
<tr>
<td>October 24, 2016</td>
<td>Telephone (Sent)</td>
<td>President Michaud</td>
<td>Golder Associates Ltd. (on behalf of Hydro One)</td>
<td>Golder Associates Ltd. called to confirm receipt of the project notification and to inquire whether there were any comments or concerns pertaining to the project. President Michaud will check to see whether the project notification was received, and noted the email address included in the contact list is accurate.</td>
</tr>
</tbody>
</table>
Indigenous Energy Policy

June 24, 2016

Daniel Charbonneau
Senior Manager, First Nation & Métis Relations
Hydro One Networks Inc.
483 Bay Street, TCT6, South Tower
Toronto, ON M5G 2P5

Re: Planned Maintenance on 115 kV Wood Pole Transmission Line Structures (Circuit H9A) – First Nations and Métis Notification

Dear Mr. Charbonneau:

Thank you for your letter of April 1, 2016 about the planned maintenance on 115 kV wood pole transmission line structures (Circuit H9A).

I understand that the planned maintenance is required to maintain the reliability of the transmission line and is subject to the Class Environmental Assessment (EA) for Minor Transmission Facilities. You have advised the Ministry of Energy (the Ministry) that the maintenance work will consist of like-for-like replacement of 36 wood pole structures and associated equipment on approximately 7 kms within the City of Ottawa. The work will be completed using existing access roads/trails for planned access. In addition, you have advised the Ministry that the work will result in little noticeable difference in transmission infrastructure.

Based on the information Hydro One Networks Inc. has provided to date, the Ministry is of the view that the project will not result in any appreciable adverse impact on the asserted or established rights of any First Nation or Métis communities.

I recommend that Hydro One maintain a record of its interactions with indigenous communities about the project if it engages any First Nation or Métis community on an interest-basis. In the event that a community provides Hydro One with information indicating a potential adverse impact of the project on its Aboriginal or treaty rights, I request that you notify the Ministry as appropriate.
Please do not hesitate to contact Adam Feather, Policy Advisor at 416-326-0513 or adam.feather@ontario.ca if you have any further questions or you wish to discuss this matter in more detail.

Sincerely,

[Signature]

on behalf of

Amy Gibson
Manager
Indigenous Energy Policy

c: Brian McCormick, Manager, Environmental Services and Approvals, Hydro One

/af
September 22, 2016

Dear First Nation/Métis Representative:

This letter is to inform you that Hydro One Networks Inc. (Hydro One) has initiated a Class Environmental Assessment (EA) to refurbish approximately 7 kilometres of the existing 115 kilovolt (kV) transmission line (Circuit H9A), involving approximately 36 complete structures. The planned project area is shown on the attached map.

The transmission line refurbishment, which was determined through Hydro One’s annual wood pole testing program, would involve the replacement of a number of aging and damaged wood pole structures and their components. Replacing damaged and aging structures would ensure the continued reliability and integrity of this transmission line and electricity supply to the area. Most of the work would be take place within the existing transmission corridor, with no new extension to the current corridor being required. Where possible, access would be accomplished using existing roads and trails. There would be very little noticeable difference in this transmission line after this project has been completed.

The project falls within the Class EA process as described under the Class Environmental Assessment for Minor Transmission Facilities (Ontario Hydro, 1992), in accordance with the provincial Environmental Assessment Act. The Class EA was developed as a streamlined process to ensure that minor transmission projects that have a predictable range of effects are planned and carried out in an environmentally acceptable manner. In accordance with the EA Act, Hydro One will make a draft Environmental Study Report (ESR) available for public, First Nations and Métis, and stakeholder review. Once that period is complete, any comments received will be considered and a final copy of the ESR will be filed with the Ministry of the Environment and Climate Change.

You will be notified when the draft ESR is available for review, and Hydro One will post an ad in local newspapers providing information on the Class EA process and the draft ESR review period.

Contingent on the outcome of the Class EA process, work may begin as early as January 2017 and be completed by the end of the year 2017.
We welcome your comments and feedback regarding the planned refurbishment. If you are interested, we would be pleased to arrange a meeting to discuss project details. If you would like for us to set-up a meeting to discuss this project, please let us know in the earliest stage of the project as possible. Should there be any update to the project information provided, I will ensure you are promptly informed.

If you have any questions regarding this project please feel free to contact Kimberly Miller-Bautista at (416) 951-9714 or WPRP_EEPS@HydroOne.com.

Sincerely,

Brian J. McCormick, Manager
Environmental Engineering and Project Support

Enclosed (1)

cc: Mr. Daniel Charbonneau, Acting Senior Manager, First Nations & Métis Relations, Hydro One
    Ms. Kimberly Miller-Bautista, Environmental Planner - Environmental Engineering & Project Support, Hydro One
    Mr. Jeff Hankin, Field Environmental Planner - Environmental Engineering & Project Support, Hydro One
    Ms. Farah El Ayoubi, Acting Team Lead - Environmental Engineering & Project Support, Hydro One
APPENDIX B2:

Provincial Government Officials and Agencies
## Provincial Government Officials and Agency Contact List

<table>
<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th>Title</th>
<th>Address</th>
<th>Mailing Address</th>
<th>City</th>
<th>Prov.</th>
<th>Postal Code</th>
<th>E-mail</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dan</td>
<td>Thompson</td>
<td>District Manager</td>
<td>Provincial Government Bldg, 1st Flr., 10 Campus Dr.</td>
<td>PO Box 2002</td>
<td>Kemptville</td>
<td>ON</td>
<td>K0G 1J0</td>
<td><a href="mailto:dan.l.thompson@ontario.ca">dan.l.thompson@ontario.ca</a></td>
<td>613-258-8201</td>
</tr>
<tr>
<td>Lyn</td>
<td>Gurrab</td>
<td>District Planner</td>
<td>Provincial Government Bldg, 1st Flr., 10 Campus Dr.</td>
<td>PO Box 2002</td>
<td>Kemptville</td>
<td>ON</td>
<td>K0G 1J0</td>
<td><a href="mailto:lyn.gurrab@ontario.ca">lyn.gurrab@ontario.ca</a></td>
<td>613-258-8414</td>
</tr>
<tr>
<td>Kathleen</td>
<td>Hedley</td>
<td>Director - Environmental Approvals</td>
<td>1st Floor, 135 St Clair Ave. West</td>
<td></td>
<td>Toronto</td>
<td>ON</td>
<td>M4V 1P5</td>
<td><a href="mailto:kathleen.hedley@ontario.ca">kathleen.hedley@ontario.ca</a></td>
<td>416-314-7288</td>
</tr>
<tr>
<td>Peter</td>
<td>Taylor</td>
<td>Manager - Technical Support Section, Eastern Region</td>
<td>Unit 3, 1259 Gardiners Road</td>
<td>PO Box 22032</td>
<td>Kingston</td>
<td>ON</td>
<td>K7M 5S5</td>
<td><a href="mailto:peter.g.taylor@ontario.ca">peter.g.taylor@ontario.ca</a></td>
<td>613-540-6884</td>
</tr>
<tr>
<td>Vicki</td>
<td>Mitchell</td>
<td>Environmental Resource Planner &amp; EA Coordinator</td>
<td>Unit 3, 1259 Gardiners Road</td>
<td>PO Box 22032</td>
<td>Kingston</td>
<td>ON</td>
<td>K7M 5S5</td>
<td><a href="mailto:vicki.mitchell@ontario.ca">vicki.mitchell@ontario.ca</a></td>
<td>613-540-6852</td>
</tr>
<tr>
<td>Steve</td>
<td>Burns</td>
<td>Manager - Ottawa District Office</td>
<td>Unit 105, 2436 Don Reid Dr.</td>
<td></td>
<td>Ottawa</td>
<td>ON</td>
<td>K1H 1E1</td>
<td><a href="mailto:steve.burns@ontario.ca">steve.burns@ontario.ca</a></td>
<td>613-521-3450 ext. 224</td>
</tr>
<tr>
<td>Rosi</td>
<td>Zirger</td>
<td>Heritage Planner - Heritage Program Unit</td>
<td>401 Bay Street</td>
<td></td>
<td>Toronto</td>
<td>ON</td>
<td>M7A 0A7</td>
<td><a href="mailto:rosi.zirger@ontario.ca">rosi.zirger@ontario.ca</a></td>
<td>416-314-7159</td>
</tr>
<tr>
<td>Jocelyn</td>
<td>Chandler</td>
<td>Planner</td>
<td>3889 Rideau Valley Drive</td>
<td>PO Box 599</td>
<td>Manotick</td>
<td>ON</td>
<td>K4M 1A5</td>
<td><a href="mailto:jocelyn.chandler@rvca.ca">jocelyn.chandler@rvca.ca</a></td>
<td>613-692-3571 ext. 1137</td>
</tr>
<tr>
<td>Bonnie</td>
<td>Lee</td>
<td>Environmental Planner</td>
<td>38 Victoria Street</td>
<td>PO Box 29</td>
<td>Finch</td>
<td>ON</td>
<td>K0C 1K0</td>
<td><a href="mailto:bboyd@nation.on.ca">bboyd@nation.on.ca</a></td>
<td>613-984-2948 ext. 306</td>
</tr>
<tr>
<td>Lisa</td>
<td>Myshicki</td>
<td>Environmental Specialist</td>
<td>1 Dundas Street West</td>
<td></td>
<td>Toronto</td>
<td>ON</td>
<td>M5G 2L5</td>
<td><a href="mailto:lisa.myshicki@infrastructureontario.ca">lisa.myshicki@infrastructureontario.ca</a></td>
<td>416-212-3768</td>
</tr>
<tr>
<td>Patrick</td>
<td>Grace</td>
<td>Director – Hydro Corridors and Public Works</td>
<td>1 Dundas Street West</td>
<td></td>
<td>Toronto</td>
<td>ON</td>
<td>M5G 2L5</td>
<td><a href="mailto:patrick.grace@infrastructureontario.ca">patrick.grace@infrastructureontario.ca</a></td>
<td>416-327-2959</td>
</tr>
</tbody>
</table>

Appendix B2
## Provincial Government Record of Correspondence

<table>
<thead>
<tr>
<th>Date</th>
<th>Method</th>
<th>Stakeholder Contact(s)</th>
<th>Project Team Member</th>
<th>Communication Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MNRF</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 14, 2016</td>
<td>Email (Sent)</td>
<td>Dan Thompson cc: Lyn Garrah</td>
<td>Kimberly Miller-Baatista (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project, and provided the notification letter and proposed project map as email attachments.</td>
</tr>
<tr>
<td><strong>MOECC</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 14, 2016</td>
<td>Email (Sent)</td>
<td>Vicki Mitchell cc: Kathleen Hedley, Peter Taylor, Steve Burns</td>
<td>Kimberly Miller-Baatista (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project, and provided the notification letter and proposed project map as email attachments.</td>
</tr>
<tr>
<td><strong>MTCS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 14, 2016</td>
<td>Email (Sent)</td>
<td>Rosi Zirger</td>
<td>Kimberly Miller-Baatista (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project, and provided the notification letter and proposed project map as email attachments.</td>
</tr>
<tr>
<td><strong>Rideau Valley Conservation Authority</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 14, 2016</td>
<td>Email (Sent)</td>
<td>Jocelyn Chandler</td>
<td>Kimberly Miller-Baatista (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project, and provided the notification letter and proposed project map as email attachments.</td>
</tr>
<tr>
<td>October 24, 2016</td>
<td>Email (Received)</td>
<td>Jocelyn Chandler</td>
<td>Kimberly Miller-Baatista (Hydro One)</td>
<td>Hydro One received an email from the Rideau Valley Conservation Authority noting that based on their mapping, there are no mapped watercourses or Headwater Streams in the identified study area. No regulations under O. Reg. 174/06 of the Conservation Authorities Act apply. The email also noted that majority of the project is within jurisdiction of South Nation Conservation, and asked that Hydro One ensures South Nation Conservation is included in the project consultation.</td>
</tr>
<tr>
<td>October 25, 2016</td>
<td>Email (Sent)</td>
<td>Jocelyn Chandler</td>
<td>Kimberly Miller-Baatista (Hydro One)</td>
<td>Hydro One emailed to thank the Rideau Valley Conservation Authority for the comments and Hydro One will document the watercourse information in project reporting. Hydro One also noted that South Nation Conservation has been notified of the project, but no comments have been received to date.</td>
</tr>
<tr>
<td><strong>South Nation Conservation Authority</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 14, 2016</td>
<td>Email (Sent)</td>
<td>Bonnie Lee Boyd</td>
<td>Kimberly Miller-Baatista (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project, and provided the notification letter and proposed project map as email attachments.</td>
</tr>
<tr>
<td><strong>Infrastructure Ontario</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 28, 2016</td>
<td>Email (Sent)</td>
<td>Lisa Myslicki cc: Patrick Grace</td>
<td>Kimberly Miller-Baatista (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project, and provided the notification letter and proposed project map as email attachments.</td>
</tr>
</tbody>
</table>

Appendix B2
Dear Agency Representative:

This letter is to inform you that Hydro One Networks Inc. (Hydro One) has initiated a Class Environmental Assessment (EA) to refurbish approximately 7 kilometres of the existing 115 kilovolt (kV) transmission line (Circuit H9A), involving approximately 36 complete structures. The planned project area is shown on the attached map.

The transmission line refurbishment, which was determined through Hydro One’s annual wood pole testing program, would involve the replacement of a number of aging and damaged wood pole structures and their components. Replacing damaged and aging structures would ensure the continued reliability and integrity of this transmission line and electricity supply. Most work would be carried out within the existing transmission corridor, with no new corridor being required. Where possible, access would be accomplished using existing roads and trails. There would be very little noticeable difference in this transmission line after this project has been completed.

The project falls within the Class EA process as described under the Class Environmental Assessment for Minor Transmission Facilities (Ontario Hydro, 1992), in accordance with the provincial Environmental Assessment Act. The Class EA was developed as a streamlined process to ensure that minor transmission projects that have a predictable range of effects are planned and carried out in an environmentally acceptable manner. In accordance with the E A Act, Hydro One will make a draft Environmental Study Report (ESR) available for public, First Nations and Métis, and stakeholder review. Once that period is complete, any comments received will be considered and a final copy of the ESR will be filed with the Ministry of the Environment and Climate Change.

You will be notified when the draft ESR is available for review, and Hydro One will post an ad in local newspapers providing information on the Class EA process and the draft ESR review period.

Contingent on the outcome of the Class EA process, work may begin as early as January 2017 and be completed by the end of the year 2017.

The planned project area is located within both the Rideau Valley and South Nation Conservation Authority. Please note that the South Nation Conservation Authority has also been notified of this project.
If you have any questions, or would like additional information regarding this project, please contact me at (416) 951-9714, or WPRP_EEPS@HydroOne.com.

Sincerely,

[Signature]

Kimberly Miller-Bautista, Environmental Planner
Environmental Engineering and Project Support

Enclosed (1)

cc: Mr. Jeff Hankin, Field Environmental Planner - Environmental Engineering and Project Support, Hydro One
Mr. Brian McCormick, Manager – Environmental Engineering and Project Support, Hydro One
Ms. Farah El Ayoubi, Acting Team Lead - Environmental Engineering and Project Support, Hydro One
APPENDIX B3:

Municipal Government Officials and Agencies
## Municipal Government Officials and Agencies Contact List

<table>
<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th>Title/Department</th>
<th>Address Line</th>
<th>City</th>
<th>Prov.</th>
<th>Postal Code</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steve</td>
<td>Kanellakos</td>
<td>City Manager</td>
<td>110 Laurier Avenue West</td>
<td>Ottawa</td>
<td>ON</td>
<td>K1P 1J1</td>
<td><a href="mailto:steve.kanellakos@ottawa.ca">steve.kanellakos@ottawa.ca</a></td>
</tr>
<tr>
<td>Rick</td>
<td>O'Connor</td>
<td>City Clerk and Solicitor</td>
<td>110 Laurier Avenue West</td>
<td>Ottawa</td>
<td>ON</td>
<td>K1P 1J1</td>
<td><a href="mailto:rick.oconnor@ottawa.ca">rick.oconnor@ottawa.ca</a></td>
</tr>
<tr>
<td>Bruce</td>
<td>Finlay</td>
<td>Planner III, Planning and Infrastructure</td>
<td>110 Laurier Avenue West</td>
<td>Ottawa</td>
<td>ON</td>
<td>K1P 1J1</td>
<td><a href="mailto:planning@ottawa.ca">planning@ottawa.ca</a></td>
</tr>
<tr>
<td>Stephen</td>
<td>Blais</td>
<td>Councillor, Ward 19</td>
<td>110 Laurier Avenue West</td>
<td>Ottawa</td>
<td>ON</td>
<td>K1P 1J1</td>
<td><a href="mailto:stephen.blais@ottawa.ca">stephen.blais@ottawa.ca</a></td>
</tr>
<tr>
<td>Philip</td>
<td>Berthiaume</td>
<td>Councillor’s Assistant</td>
<td>110 Laurier Avenue West</td>
<td>Ottawa</td>
<td>ON</td>
<td>K1P 1J1</td>
<td><a href="mailto:philip.berthiaume@ottawa.ca">philip.berthiaume@ottawa.ca</a></td>
</tr>
<tr>
<td>Jason</td>
<td>Coulas</td>
<td>Office of Ward 19 Councillor</td>
<td>110 Laurier Avenue West</td>
<td>Ottawa</td>
<td>ON</td>
<td>K1P 1J1</td>
<td><a href="mailto:Jason.coulas@ottawa.ca">Jason.coulas@ottawa.ca</a></td>
</tr>
<tr>
<td>Victor</td>
<td>Ferrarin</td>
<td>Project Coordinator - Street Lighting Public Works &amp; Enviro Services Dept.</td>
<td>110 Laurier Avenue West</td>
<td>Ottawa</td>
<td>ON</td>
<td>K1P 1J1</td>
<td><a href="mailto:victor.ferrarin@ottawa.ca">victor.ferrarin@ottawa.ca</a></td>
</tr>
<tr>
<td>Kevin</td>
<td>Wherry</td>
<td>Manager, Recreation Planning &amp; Facility Development</td>
<td>110 Laurier Avenue West</td>
<td>Ottawa</td>
<td>ON</td>
<td>K1P 1J1</td>
<td><a href="mailto:kevin.wherry@ottawa.ca">kevin.wherry@ottawa.ca</a></td>
</tr>
<tr>
<td>Ingrid</td>
<td>Coney</td>
<td>Parks Planner – Parks and Facilities Planning</td>
<td>110 Laurier Avenue West</td>
<td>Ottawa</td>
<td>ON</td>
<td>K1P 1J1</td>
<td><a href="mailto:ingrid.coney@ottawa.ca">ingrid.coney@ottawa.ca</a></td>
</tr>
<tr>
<td>Date</td>
<td>Method</td>
<td>Stakeholder Contact(s)</td>
<td>Project Team Member</td>
<td>Communication Summary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>-----------------------------------------------</td>
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<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 12, 2016</td>
<td>Email (Sent)</td>
<td>Councillor, Ward 19 cc: Steve Kanellos and Rick O’Connor</td>
<td>Stephanie Hodsoll (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project. Hydro One provided a brief summary of the scope of the proposed project, and provided the notification letter and proposed project map as email attachments.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 13, 2016</td>
<td>Email (Sent)</td>
<td>Victor Ferrarin</td>
<td>Stephanie Hodsoll (Hydro One)</td>
<td>Hydro One forwarded the project notification sent to Ward 19 Councillor on October 12, 2016.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 14, 2016</td>
<td>Email (Sent)</td>
<td>Bruce Finlay</td>
<td>Kimberly Miller-Bautista (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project. Hydro One provided a brief summary of the scope of the proposed project, and provided the notification letter and proposed project map as email attachments.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 14, 2016</td>
<td>Email (Received)</td>
<td>Philip Berthiaume</td>
<td>Stephanie Hodsoll (Hydro One)</td>
<td>Hydro One received an email from the Ward 19 Councillor’s Assistant, noting that work was recently completed on Innes Road that resulted in chatter being broadcast through loud speakers. The work was done at night, and the Councillor’s office received complaints from nearby residents. The Councillor’s Assistant inquired if the proposed replacement of wood poles would be done at night, and if so, if noise exemptions would be required. Hydro One will look into what work was being done at night and whether wood pole replacement would take place at night.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>October 17, 2016</td>
<td>Email (Received)</td>
<td>Philip Berthiaume</td>
<td>Stephanie Hodsoll (Hydro One)</td>
<td>The Ward 19 Councillor’s Assistant emailed Hydro One a copy of prior email correspondence that occurred in May and June 2016 between the Councillor’s Assistant and Hydro One regarding the aforementioned work that occurred on Innes Road. The email correspondence included information from Hydro One stating that the work was conducted in the evening due to outage availability, and the use of loud speakers was necessary due to the nature of the work and safety requirements. The Councillor’s Assistant requested Hydro One make best efforts to avoid evening work and the use of loud speakers.</td>
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<tr>
<td>October 18, 2016</td>
<td>Email (Received)</td>
<td>Jason Coulas</td>
<td>Stephanie Hodsoll (Hydro One)</td>
<td>Hydro One received an email from the Office of the Ward 19 Councillor, requesting detail regarding which potentially affected property owners along the RoW were notified about the project and in what fashion.</td>
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<tr>
<td>October 19, 2016</td>
<td>Telephone (Sent) and Email (Sent)</td>
<td>Jason Coulas</td>
<td>Stephanie Hodsoll (Hydro One)</td>
<td>In response to the email received by Hydro One on October 18, 2016, Hydro One telephoned and emailed to notify that residents living within 100 metres of circuit H9A were notified of the project via a letter sent via Canada Post. In total, 725 residents were contacted.</td>
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<tr>
<td>October 24, 2016</td>
<td>Email (Sent)</td>
<td>Philip Berthiaume</td>
<td>Stephanie Hodsoll (Hydro One)</td>
<td>Hydro One emailed to note that Hydro One is looking into the inquiry received via email on October 14, 2016 regarding work done at night. Hydro One will call when more information is available.</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>October 25, 2016</td>
<td>Telephone (Received) and Email (Received, Sent)</td>
<td>Ingrid Coney</td>
<td>Stephanie Hodsoll (Hydro One)</td>
<td>Hydro One received a telephone call, and follow-up email, from the City of Ottawa, Parks and Facilities Planning department, in regards to a planned multi-use pathway to be constructed within a portion of the Circuit H9A RoW. The email included a drawing of the multi-use pathway (attached as a pdf file), illustrating the pathway’s location within the RoW from Melanson Crescent to Brian Coburn Boulevard. Preference was noted for the replacement of wood pole structures (structure 8 to 9) to occur prior to the pathway construction scheduled to commence in spring 2017. Concern was expressed that the pathway may be damaged if wood pole replacement is to occur after the pathway has been constructed. In addition, Parks and Facilities Planning informed Hydro One that a multi-use pathway is also presently being constructed within the Circuit H9A RoW, south of Brian Coburn Boulevard. Construction of this portion of the multi-use pathway is being undertaken by Minto Group Inc. (Minto). Parks and Facilities Planning noted that some of the wood pole structures may have already been replaced as part of Minto’s subdivision development in the area. Hydro One was advised to contact Minto to further discuss the replacement of wood pole structures and the construction of the multi-use pathway. Hydro One emailed Parks and Facilities Planning stating that matter is being looked into, and Hydro One will follow-up when more information is available.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Date

Mayor and Members of Council

Address

City, Province, Postal Code

E-mail:

**Re: Planned Wood Pole Replacement Program on the 115 kilovolt Transmission Structures (Circuit H9A) in your Community**

Dear Mayor and members of Council:

I am writing to provide you with information on a project that Hydro One Networks Inc. (Hydro One) is planning in your community. A Class Environmental Assessment (EA) has been initiated to refurbish approximately 7 kilometres of the existing 115 kilovolt (kV) transmission line (Circuit H9A). This work will involve replacing approximately 36 complete structures. The planned project area is shown on the attached map.

The transmission line refurbishment, which was determined through Hydro One’s annual wood pole testing program, would involve the replacement of a number of aging and damaged wood pole structures and their components. Replacing damaged and aging structures would ensure the continued reliability and integrity of this transmission line and electricity supply to the area. Most work will be carried out within the existing transmission corridor, with no new corridor being required. Where possible, access would be accomplished using existing roads and trails. There would be very little noticeable difference in this transmission line after the project has been completed.

The project falls within the Class EA process as described under the *Class Environmental Assessment for Minor Transmission Facilities (Ontario Hydro, 1992)*, in accordance with the provincial *Environmental Assessment Act*. The Class EA was developed as a streamlined process to ensure that minor transmission projects that have a predictable range of effects are planned and carried out in an environmentally acceptable manner. In accordance with the *EA Act*, Hydro One will make a draft Environmental Study Report (ESR) available for public, First Nations and Métis and stakeholder review. Once that period is complete, any comments received will be considered and a final copy of the ESR will be filed with the Ministry of the Environment and Climate Change.

You will be notified when the draft ESR is available for review, and Hydro One will post an ad in local newspapers providing information on the Class EA process and the draft ESR review period.

Potentially affected property owners along the transmission corridor have been notified about the project. In addition, Hydro One will ensure that these property owners receive a copy of the draft ESR review period newspaper advertisement via mail. Contingent on the outcome of the Class EA process, replacement of the wood poles may begin as early as January 2017 and be completed by the end of the year 2017.

If you have any questions regarding this work, please feel free to call me at 1-877-345-6799 or email Community.Relations@HydroOne.com. Thank you for your patience as we complete this important project.

Sincerely,

Stephanie Hodsoll
Community Relations
Hydro One Networks Inc.
October 14, 2016

Municipal Planner
Address
City, Province, Postal Code

Re: Planned Wood Pole Replacement on the 115 kilovolt Transmission Structures (Circuit H9A) located in the City of Ottawa

Dear Municipal Planner

This letter is to inform you that Hydro One Networks Inc. (Hydro One) has initiated a Class Environmental Assessment (EA) to refurbish approximately 7 kilometres of the existing 115 kilovolt (kV) transmission line (Circuit H9A), involving approximately 36 complete structures. The planned project area is shown on the attached map.

The transmission line refurbishment, which was determined through Hydro One’s annual wood pole testing program, would involve the replacement of a number of aging and damaged wood pole structures and their components. Replacing damaged and aging structures would ensure the continued reliability and integrity of this transmission line and electricity supply to the area. Most work would be carried out within the existing transmission corridor, with no new corridor being required. Where possible, access would be accomplished using existing roads and trails. There would be very little noticeable difference in this transmission line after this project has been completed.

The project falls within the Class EA process as described under the Class Environmental Assessment for Minor Transmission Facilities (Ontario Hydro, 1992), in accordance with the provincial Environmental Assessment Act. The Class EA was developed as a streamlined process to ensure that minor transmission projects that have a predictable range of effects are planned and carried out in an environmentally acceptable manner. In accordance with the EA Act, Hydro One will make a draft Environmental Study Report (ESR) available for public, First Nations and Métis, and stakeholder review. Once that period is complete, any comments received will be considered and a final copy of the ESR will be filed with the Ministry of the Environment and Climate Change.

You will be notified when the draft ESR is available for review, and Hydro One will post an ad in local newspapers providing information on the Class EA process and the draft ESR review period.

Contingent on the outcome of the Class EA process, work may begin as early as January 2017 and be completed by the end of the year 2017.
If you have any questions, or would like additional information regarding this project, please contact me at (416) 951-9714, or WPRP_EEPS@HydroOne.com.

Sincerely,

Kimberly Miller-Bautista, Environmental Planner
Environmental Engineering and Project Support

Enclosed (1)

cc: Mr. Jeff Hankin, Field Environmental Planner - Environmental Engineering and Project Support, Hydro One
Mr. Brian McCormick, Manager – Environmental Engineering and Project Support, Hydro One
Ms. Farah El Ayoubi, Acting Team Lead - Environmental Engineering and Project Support, Hydro One
APPENDIX B4:

Public
### Interest Groups Contact List

<table>
<thead>
<tr>
<th>Organization</th>
<th>Address Line</th>
<th>City</th>
<th>Prov.</th>
<th>Postal Code</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minto Group Inc. (Minto)</td>
<td>200-180 Kent Street</td>
<td>Ottawa</td>
<td>Ontario</td>
<td>K1P 0B6</td>
<td><a href="mailto:GeneralInquiries@minto.com">GeneralInquiries@minto.com</a></td>
</tr>
<tr>
<td>St. Dominic School</td>
<td>2300 Espirit Drive</td>
<td>Cumberland</td>
<td>Ontario</td>
<td>K4A 0T5</td>
<td><a href="mailto:stdominicCSC@gmail.com">stdominicCSC@gmail.com</a></td>
</tr>
<tr>
<td>Ottawa Catholic District School Board</td>
<td>570 West Hunt Club Road</td>
<td>Nepean</td>
<td>Ontario</td>
<td>K2G 3R4</td>
<td><a href="mailto:info@ocsb.ca">info@ocsb.ca</a></td>
</tr>
</tbody>
</table>

### Potentially Affected and Interested Persons and Interest Groups Record of Correspondence

<table>
<thead>
<tr>
<th>Date</th>
<th>Method</th>
<th>Stakeholder Contact(s)</th>
<th>Project Team Member</th>
<th>Communication Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 12, 2016</td>
<td>Mail (Sent)</td>
<td>Property owners and residents</td>
<td>Stephanie Hodsoll (Hydro One)</td>
<td>Hydro One mailed a project notification letter and map to 725 private property owners and residents identified in the project study area via Canada Post addressed mail. Three letters/addresses were unsuccessfully delivered and returned to Hydro One.</td>
</tr>
<tr>
<td>October 18, 2016</td>
<td>Telephone (Received)</td>
<td>Resident</td>
<td>Stephanie Hodsoll (Hydro One)</td>
<td>Hydro One received a telephone call from a resident, inquiring if the wood poles would be replaced with larger structures. Hydro One advised the resident that the wood poles would be replaced with composite poles of approximately the same size. The resident noted a large hole is currently around Espirit Road/Capuchon Road/Fantail Walk and asked if Hydro One was aware of the work taking place, or who they could contact regarding it. Hydro One agreed to look into the large hole and follow-up with the resident. It was determined that the hole is part of construction of a multi-use trail, which Minto and the City of Ottawa are jointly constructing. Hydro One called the resident back to inform him of this.</td>
</tr>
<tr>
<td>October 19, 2016</td>
<td>Telephone (Received)</td>
<td>Resident</td>
<td>Stephanie Hodsoll (Hydro One)</td>
<td>Hydro One received a telephone call from a resident, inquiring whether an outage would be required during the winter months and how long it would last. Hydro One is looking into the exact timing of the work and will phone the resident back to inform him of the timing and that no interruptions to service are anticipated as part of this project.</td>
</tr>
<tr>
<td>October 21, 2016</td>
<td>Email (Sent)</td>
<td>The Minto Group</td>
<td>Kimberly Miller-Bautista (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project. Hydro One provided a brief summary of the scope of the proposed project, and provided the notification letter and proposed project map as email attachments.</td>
</tr>
<tr>
<td>October 21, 2016</td>
<td>Email (Sent)</td>
<td>St. Dominic School cc: Ottawa Catholic District School Board</td>
<td>Kimberly Miller-Bautista (Hydro One)</td>
<td>Hydro One emailed to provide notification of the upcoming Class EA for the proposed project. Hydro One provided a brief summary of the scope of the proposed project, and provided the notification letter and proposed project map as email attachments.</td>
</tr>
</tbody>
</table>

Appendix B4
October 21, 2016

Interest Group Representative
Address
City, Province, Postal Code

Re: Planned Wood Pole Replacement on the 115 kilovolt Transmission Structures (Circuit H9A) located in the City of Ottawa

To Interest Group Representative:

This letter is to inform you that Hydro One Networks Inc. (Hydro One) has initiated a Class Environmental Assessment (EA) to refurbish approximately 7 kilometres of the existing 115 kilovolt (kV) transmission line (Circuit H9A), involving approximately 36 complete structures. The planned project area is shown on the attached map.

The transmission line refurbishment, which was determined through Hydro One’s annual wood pole testing program, would involve the replacement of a number of aging and damaged wood pole structures and their components. Replacing damaged and aging structures would ensure the continued reliability and integrity of this transmission line and electricity supply. Most work would be carried out within the existing transmission corridor, with no new corridor being required. Where possible, access would be accomplished using existing roads and trails. There would be very little noticeable difference in this transmission line after this project has been completed.

The project falls within the Class EA process as described under the Class Environmental Assessment for Minor Transmission Facilities (Ontario Hydro, 1992), in accordance with the provincial Environmental Assessment Act. The Class EA was developed as a streamlined process to ensure that minor transmission projects that have a predictable range of effects are planned and carried out in an environmentally acceptable manner. In accordance with the EA Act, Hydro One will make a draft Environmental Study Report (ESR) available for public, First Nations and Métis, and stakeholder review. Once that period is complete, any comments received will be considered and a final copy of the ESR will be filed with the Ministry of the Environment and Climate Change.

You will be notified when the draft ESR is available for review, and Hydro One will post an ad in local newspapers providing information on the Class EA process and the draft ESR review period.

Contingent on the outcome of the Class EA process, work may begin as early as January 2017 and be completed by the end of the year 2017.

If you have any questions, or would like additional information regarding this project, please contact me at (416) 951-9714, or WPRP_EEPS@HydroOne.com.
Sincerely,

[Signature]

Kimberly Miller-Bautista, Environmental Planner
Environmental Engineering and Project Support

Enclosed (1)

cc: Mr. Jeff Hankin, Field Environmental Planner - Environmental Engineering and Project Support, Hydro One
Mr. Brian McCormick, Manager – Environmental Engineering and Project Support, Hydro One
Ms. Farah El Ayoubi, Acting Team Lead - Environmental Engineering and Project Support, Hydro One
October 12, 2016

Re: Planned Wood Pole Replacement Program on the 115 kilovolt (kV) Transmission Structures (Circuit H9A) in your Community

Dear Resident:

I am writing to provide you with information on a project that Hydro One Networks Inc. (Hydro One) is planning in your community. A Class Environmental Assessment (EA) has been initiated to refurbish approximately 7 kilometres of the existing 115 kilovolt (kV) transmission line (Circuit H9A). The planned project area is shown on the attached map.

The transmission line refurbishment project would involve the replacement of approximately 36 complete structures. Replacing damaged and aging structures would ensure the continued reliability and integrity of this transmission line and electricity supply. Most work would be carried out within the existing transmission corridor, with no new corridor being required. Where possible, access would be accomplished using existing roads and trails. If access to private property is required, a Hydro One representative will be in touch with property owners. There would be very little noticeable difference in the transmission line after this project has been completed.

The project falls within the Class EA process as described under the *Class Environmental Assessment for Minor Transmission Facilities (Ontario Hydro, 1992)*, in accordance with the provincial *Environmental Assessment Act*. The Class EA was developed as a streamlined process to ensure that minor transmission projects that have a predictable range of effects are planned and carried out in an environmentally acceptable manner. In accordance with the *EA Act*, Hydro One will make a draft Environmental Study Report (ESR) available for public, First Nations and Métis, and stakeholder review. Once that period is complete, any comments received will be considered and a final copy of the ESR will be filed with the Ministry of the Environment and Climate Change.

You will be notified when the draft ESR is available for review, and Hydro One will post an ad in local newspapers providing information on the Class EA process and the draft ESR review period.

Contingent on the outcome of the Class EA process, work may begin as early as January 2017 and be completed by the end of 2017.

If you have any questions regarding this work, please call me at 1-877-345-6799 or email Community.Relations@HydroOne.com.

Sincerely,

Stephanie Hodsoll
Community Relations
Hydro One Networks Inc.
Hydro One Networks Inc. (Hydro One) is proposing to replace approximately 36 wood pole structures and their components (i.e. crossarms, conductors) along 7 kilometres of the existing 115 kilovolt (kV) transmission line (Circuit H9A), located in the Orléans area in the City of Ottawa. This refurbishment work is required to ensure a continued safe and reliable supply of electricity to customers in the area.

This type of project is subject to the Class Environmental Assessment (EA) for Minor Transmission Facilities (Ontario Hydro, 1992). Contingent on the outcome of the Class EA process, replacement of the wood poles and their components may begin in early 2017 and be completed by the end of the same year.

A draft Environmental Study Report (ESR) will be available for a 30-day review and comment period from November 14, 2016 to December 13, 2016. The draft ESR will be available for review on Hydro One’s website at www.hydroone.com/woodpoles and a hard copy will available at the following location:

Ottawa Public Library – Cumberland Branch
1599 Tenth Line Road
Orléans, ON
Tel: 613-580-2940

To provide comments on this project, please contact:

Stephanie Hodsoll
Community Relations Officer
Hydro One Networks Inc.
483 Bay Street, South Tower, 6th floor
Toronto, ON M5G 2P5
Toll Free: 1-877-345-6799
Email: Community.Relations@HydroOne.com

Hydro One will respond to and make best efforts to resolve any issues raised by concerned parties during the public review period. If no concerns are expressed, Hydro One will finalize the ESR and file it with the Ministry of the Environment and Climate Change. The wood pole replacement project will then be considered acceptable and may proceed as outlined in the ESR.

The EA Act has provisions that allow interested parties to ask for a higher level of assessment for a Class EA project if they feel that outstanding issues have not been adequately addressed by Hydro One. This is referred to as a Part II Order request. Such requests must be addressed in writing to the Minister of the Environment and Climate Change, as well as the Director of the Environmental Approvals Branch, and received no later than 4:00 p.m. on December 13, 2016, at the following addresses:

Minister of the Environment and Climate Change
77 Wellesley Street West
11th Floor, Ferguson Block
Toronto, ON M7A 2T5
Email: Minister.MOEC@ontario.ca

Director, Environmental Approvals Branch
Ministry of the Environment and Climate Change
135 St. Clair West, 1st Floor
Toronto, ON M4V 1P5
Email: EAASIBgen@ontario.ca

Please note that a duplicate copy of a Part II Order request must also be sent to Hydro One at the address noted.
Hydro One Networks Inc. (Hydro One) projette de remplacer 36 poteaux de bois, y compris les éléments connexes (consoles, conducteurs) sur 7 kilomètres de la ligne de transport de 115 kV existante (Circuit H9A). Ce tronçon de ligne est situé dans la région d’Orléans (Ville d’Ottawa). Les travaux sont nécessaires pour maintenir l’approvisionnement électrique sûr et fiable des clients de la région.


Une version préliminaire du Rapport d’étude environnementale sera mise à la disposition du public pendant une période de 30 jours, du 14 novembre au 13 décembre 2016, pour examen et commentaires. Le rapport pourra être consulté sur le site Web de Hydro One, à http://www.hydroone.com/woodpoles, et une copie papier sera disponible à l’adresse suivante :

Bibliothèque publique d’Ottawa – Succursale Cumberland
1599 Tenth Line Road
Orléans ON
613 580-2940

Pour communiquer vos commentaires sur ce projet, veuillez contacter :

Stephanie Hodsol
Agente des relations publiques
Hydro One Networks Inc.
483, rue Bay, Tour Sud, 6e étage
Toronto ON M5G 2P5
Sans frais : 1 877 345-6799
Courriel : Community.Relations@HydroOne.com

Hydro One fera tout son possible pour résoudre au cours de la période d’examen les préoccupations et les questions que pourraient soulever des parties intéressées au sujet du projet. Si aucune préoccupation n’est soulevée, Hydro One achèvera le Rapport d’étude environnementale et le déposera auprès du ministère de l’Environnement et de l’Action en matière de changement climatique. Le projet sera alors jugé acceptable et sera réalisé conformément au Rapport d’étude environnementale.

En vertu de la Loi sur les évaluations environnementales, les personnes intéressées ont la possibilité de demander une évaluation plus poussée si elles estiment que Hydro One n’a pas résolu des préoccupations. Pour cela, elles présenteront une demande d’arrêté conformément à la Partie II de la Loi. Cette demande devra être adressée par écrit au ministre de l’Environnement et de l’Action en matière de changement climatique ainsi qu’au directeur des autorisations environnementales du ministère, qui doivent la recevoir avant 16 h, le 13 décembre 2016 à l’adresse suivante :

Ministre de l’Environnement et de l’Action en matière de changement climatique
77, rue Wellesley Ouest
11e étage, Édifice Ferguson
Toronto ON M7A 2T5
Courriel : Minister.MOecc@ontario.ca

Directeur, Direction des autorisations environnementales
Ministère de l’Environnement
135, rue St. Clair Ouest, Rez-de-chaussée
Toronto ON M4V 1P5
Courriel : EAASIBgen@ontario.ca

À noter qu’une copie de la demande d’arrêté doit aussi être envoyée à Hydro One à l’adresse indiquée plus haut.