

WE ARE WORKING IN YOUR COMMUNITY

Kanata Vegetation Management Plan

Starting in early 2018, Hydro One will be conducting routine vegetation maintenance along the 115 kilovolt transmission line between the Queensway (Highway 417, Northeast of Kanata Avenue) and Bridlewood Municipal Transformer Station (located on Eagleson Road Southeast of Abbey Drive).

Since our last scheduled maintenance in 2012, the vegetation along this transmission corridor has reached a height that interferes with the safe and reliable operation of the line. The work predominantly involves trimming and pruning of tall-growing vegetation and selective removal of dead, diseased or hazardous trees.

What will the work involve?

Our forestry crews will be using manual equipment such as pruners, chainsaws and support vehicles like bucket trucks and chippers to complete the maintenance. The work may also include targeted application of a low-pressure, low-volume, government approved herbicide to cut stems to prevent regrowth. Our forestry crews will seek the permission of the landowner prior to the application of herbicide.

When will the project begin?

Work is expected to begin in early 2018 and we anticipate completion by spring 2018, weather permitting.

How will I be notified about this work?

Hydro One forestry representatives will deliver notices and will be available to speak individually with adjacent property owners and impacted landowners, regarding the required vegetation maintenance on the transmission corridor. If work is required on your property, a Hydro One forestry technician will make every effort to contact you in advance to discuss the scope and timing of the work.

Who do I contact if I have questions?

For more information, please contact:
Hydro One Community Relations at
1-877-345-6799 or
Community.Relations@HydroOne.com

GETTING IN TOUCH

For project updates visit our website at
www.HydroOne.com/VegetationManagement

CONTACT US

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Keeping Power Lines Safe and Reliable

VEGETATION MANAGEMENT

PROJECT AREA IN KANATA
The Queensway to Bridlewood MTS



ONTARIO'S ELECTRICITY CORRIDORS

Hydro One is Ontario's largest transmitter of electricity. Hydro corridors occupy 82,000 hectares of land in the province. In addition to housing electricity equipment, our corridors serve a number of purposes, including parking and community green spaces.

This brochure is a quick look into Hydro One's Transmission Vegetation Management Program – the policies and standards we use to manage the plant communities on our corridors while balancing the need for a safe, reliable power grid.



Trees and wires

Our hydro corridors are often home to diverse plant communities, unique environments and complex ecologies. If left unmanaged, some plant species could grow into the electrical equipment. If a species grows too high or too close to our equipment, we call them "incompatible" because they threaten the safe operation of the line, and could cause a power outage or endanger our workers and the public.

How we plan our vegetation work

Our approach to vegetation management strives to balance safety, reliability, environmental responsibility, value to customer, and community interest.

Our skilled and environmentally responsible technicians take into consideration the following when creating tree maintenance plans to protect against outages:

- Ensure vegetation won't interfere with the safe operation of equipment or safety of our workers
- Maintain power reliability and public safety along transmission corridors
- Prioritize work based on vegetation conditions, reliability and customer needs
- Incorporate community input, sustainable energy development, and environmental, ecological and social impacts

Hydro One is the only utility in North America with a dedicated in-house vegetation management team.

Our techniques

When we identify vegetation that requires maintenance, techniques could include tree trimming, hazard tree identification and removal, manual brush cutting, mechanical brush control and herbicide use. Hydro One always seeks landowner permission before the targeted application of low-pressure, low-volume, government approved herbicide.

Determining tree clearance

Our highly skilled arborists maintain vegetation to obtain the appropriate clearances from electrical equipment. Vegetation treatment is based on tree species and health, growth patterns, topography, line voltage, and line sag and sway. Establishing proper clearance on the line is important for power reliability, and to ensure public and worker safety as mandated by the Ontario Occupational Health and Safety Act (OHSA) and regulations.

Working together

Before any work occurs on a section of transmission line, a Hydro One forestry representative will assess the area and determine the work that needs to be completed. We will notify adjacent property owners and affected landowners that will require tree trimming, tree removals, brush removals, herbicide application or access on their property. In cases with absentee landowners, every effort will be made to contact the owners or their representatives.

In the event of emergency work due to safety or power reliability, notification of the landowner may be waived; however, Hydro One is committed to communicating after the emergency to discuss remedial work and answer questions.

Long-term planning

All of our forestry work takes into consideration a longer-term plan for managing vegetation. In between scheduled maintenance visits, our teams check the corridor vegetation to ensure no trees threaten the safety of the line, or require treatment prior to the next scheduled visit.