

# Hydro One General Conditions for Compatible Land Uses

## 1. Scope of Approval

- 1.1. Once issued, the approval is valid for one (1) year from the approval date; should the work not take place within one (1) year after the approval date, the approval shall be deemed to be void, and the party proposing the installation (including, but not limited to their representatives, agents and/or contractors) (collectively, the “Proponent”) will have to resubmit all drawings for further review at an additional charge.
- 1.2. This approval applies only to the plans, drawings and/or documents (collectively, the “Proposal”) submitted by the Proponent to date. Any revisions to the Proposal must be reviewed and approved by Hydro One prior to construction. No work by the Proponent can begin until an occupation agreement has been duly executed by the required parties.
- 1.3. Any future Proposal on the subject land, including but not limited to, modified use of the present Proposal, must be submitted to Hydro One for review and approval.
- 1.4. Once construction has been completed, the Proponent is to contact Hydro One’s Real Estate Coordinator to arrange for a post-construction site inspection to ensure everything was built in accordance with the final approved Proposal.
- 1.5. Hydro One corridor lands are not to be used without express written permission from Hydro One. The use of the Hydro One corridor lands must be contained to the lands outlined in the approved Proposal and identified on-site by installing temporary fencing to Hydro One’s satisfaction.
- 1.6. Upon termination of the land occupation agreement, the Proponent must restore lands to their original, pre-use condition. For example, if lands are paved over for parking use, the surface must be restored to grass.
- 1.7. If at any time during a site inspection, the listed conditions are not complied with or the lands are used for inappropriate or non-approved purposes, the Proponent’s land occupation agreement will be subject to cancellation upon written notice.

## 2. Horizontal Clearances Around Hydro One Structures

- 2.1. A three (3) meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.

2.2. Hydro One requires fifteen (15) meters of clearance on all sides around its transmission structures, as measured from the nearest structure member (base of pole, tower leg footing or structure anchor), in order to carry out maintenance operations. This clearance must be maintained at all times, and storage and/or staging activities are not permitted within this area at any time.

### **3. Vertical Clearances**

3.1. Construction equipment and personnel working underneath the Hydro One conductors must satisfy Occupational Health and Safety Act (Ontario) ("OHSA") clearance requirements. Transmission lines are dynamic in nature, and factors such as changing loads, ambient temperatures and wind can cause the conductors to lower/rise significantly over short periods. It is the Proponent's responsibility to monitor/manage these changes and adjust work methods accordingly, in order to adhere to the OHSA clearances.

3.2. All proposed works on the corridor are subject to adequate overhead transmission line clearances from the high voltage conductors to any proposed works including proposed elevation changes to the existing ground. Review and confirmation that sufficient clearances will be present is part of Hydro One's review of a Proposal.

3.3. All proposed plantings must conform to Hydro One's approved species list and be reviewed and approved by Hydro One.

### **4. Corridor Conditions and Access**

4.1. No grading/excavation work is to be carried out using heavy machinery within ten (10) meters of the tower footings. Hydro One may permit grading/excavation work within ten (10) meters of the tower footings, provided this work is carried out by hand or by using a vacuum truck (VAC) system. The proponent must seek prior written approval for work with ten (10) meters of the tower footings.

4.2. Access to Hydro One facilities must not be obstructed at any time during construction, or after the Proposal is in service. The site must be kept free of all debris and equipment, which could prohibit access to Hydro One facilities.

4.3. Hydro One requires a minimum of six (6) meter wide route(s) longitudinally along the corridor to access each transmission structure. The access route should not: i) have a slope greater than 10% and ii) a side slope greater than 4%. If the Proponent fails to maintain the required access route(s), it will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs.

- 4.4. Any changes in grade must be submitted for approval.
- 4.5. If the Proponent performs any construction activity within ten (10) meters of any transmission structures, the Proponent must install either a temporary orange snow fence or jersey barriers, to be determined by Hydro One depending on site-specific conditions. The fence or jersey barriers must be erected three (3) meters out from the base of the tower footprint. This fence must be maintained in an upright position for the duration of construction.
- 4.6. All buried infrastructure (including roadways/paths) is to be designed as follows:
- a) ability to withstand the transportation of heavy loads outlined by CL-625 truck loading according to the latest version of CAN/CSA-S6. Vehicles to be accommodated include large utility vehicles and cranes;
  - b) ability to withstand mobile cranes set up for work with counterweights in place – 267 KN per tandem axle, dual wheel, 1.53m axle spacing, 360mm tires.

## **5. Storm Water and Drainage Management**

- 5.1. The Proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.
- 5.2. The Proponent will be held liable for any damage to Hydro One's facilities, as a result of flooding or standing water caused by the Proposal.
- 5.3. Any proposed catch basins on the Hydro One corridor must be located within a paved or concrete pad surface.

## **6. Safety & Security**

- 6.1. The Proponent is responsible for maintaining security of the site and for the safety of the people working within the Hydro One corridor.

## **7. Liabilities**

- 7.1. The Proponent will assume all liability associated with the Proposal.
- 7.2. Any relocation, modification and/or repair of Hydro One facilities as a result of the Proposal will be carried out by Hydro One at the Proponent's expense.
- 7.3. The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.
- 7.4. Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This includes any damages or injuries arising from ice falling off overhead structures or conductors.

- 7.5. Hydro One may, at its sole discretion and with minimal or no notice, acting reasonably, interrupt the Proponent's occupation of the Hydro One corridor at any time during construction or post-construction to perform maintenance or emergency repairs. Hydro One will not be liable for any damages to the Proposal or any damages or losses of any kind suffered by the Proponent due to this interruption.
- 7.6. The Proponent is responsible for all other utility permits and permissions, which may be required for the Proposal. The Proponent must circulate plans for review to the various utilities for their review and comment.
- 7.7. All means and methods and safety during and prior to the work are the responsibility of the Proponent to manage at all times.

## **8. Prohibited Activities**

- 8.1. Buildings are not permitted within any Hydro One transmission corridors. This absolute prohibition includes, but is not limited to, temporary structures such as tents and/or construction trailers.
- 8.2. There shall be no storage of any material on the Hydro One corridor without prior written approval from Hydro One. Any debris found on the Hydro One corridor shall be removed on an ongoing basis once notified in writing by Hydro One, or by a duly appointed Hydro One representative on site, and at the Proponent's expense
- 8.3. Parking within any 500 kV corridor is not permitted for any vehicles.
- 8.4. No fill material is to be replaced on the Hydro One corridor without prior written approval from Hydro One.
- 8.5. There shall be no storage or tipping of garbage dumpsters on the Hydro One corridor.
- 8.6. There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One corridor.
- 8.7. Burning of brush or other agricultural or construction debris is strictly prohibited within the limits of any Hydro One corridor.
- 8.8. No stockpiling of snow on Hydro One corridor lands will be permitted. Ploughing of snow into tower bases is not permitted.
- 8.9. Any topsoil removed from the site must be properly disposed of at an appropriate landfill and not redistributed within the Hydro One corridor boundary.