

## APPENDIX G

### Distributor Specific Electric Vehicle Charging Connection Requirements

## Background

In an effort to streamline the process of non-residential Electric Vehicles Supply Equipment (EVSE) connections the OEB has issued an Electric Vehicles Charging Connection Procedure (EVCCP) document (see Section 6.1.6 of the OEB Distribution System Code). The EVCCP document outlines the standardized process that will facilitate timely deployment of EV charging infrastructure in Ontario.

## Purpose

This document outlines London Hydro specific requirements for connecting EV Supply Equipment (EVSE) to London Hydro's distribution system.

## Specific Requirements

### **1. Connection Request**

The EVSE Connection Request form is available online on London Hydro's website (<https://www.londonhydro.com/projects-operations/EVconnection>). London Hydro requires the Connection Request forms for connecting the EVSE to be emailed to [commercial@londonhydro.com](mailto:commercial@londonhydro.com). The customers are required to complete all fields on the Connection Request form and provide all requested information. Based on a complete connection request submission London Hydro will create an Offer to Connect (OTC) letter.

### **2. Basic Connection for Non-Residential Customers**

London Hydro has not defined a basic connection cost for non-residential customers, including non-residential EVSE. Connection charges will apply as described in Section 2.1.2.4 of the Conditions of Service document.

### **3. Offer to Connect: Estimate or Firm Offer**

Refer to Section 2.1.2 of the Conditions of Service document.

### **4. Capital Contribution**

Refer to Section 2.1.2 of the Conditions of Service document.

### **5. Work Under the Alternative Bid Option**

Work involving connections or work that requires physical contact with London Hydro's existing distribution system is not eligible for alternative bid. Alternative bid options for Expansions is described in Section 2.1.2 of the Conditions of Service document.

### **6. Expansion Deposit**

Refer to Section 2.1.2 of the Conditions of Service document.

## **7. Connection Agreement or Other Agreement**

Customer that installs a Customer-owned substation and/or a high voltage primary line on their property will be required to sign a Connection Agreement prior to commencement of service (see Section 2.1.7 and Section 3.2.2 (respectively) of the Conditions of Service document).

## **8. Applicable Service Conditions for Connecting New Service**

In order to energize an EVSE service, the following service conditions must be met:

### **1) For energizing low voltage services (<750V)**

- All information requested in the Connection Request form has been submitted by customer and accepted by London Hydro.
- Payment has been received within the required timeframe (as outlined in the OTC) to allow London Hydro to procure the required material and secure labour resources.
- The site is prepared and ready for London Hydro to access and complete the required work.
- "Safe and Ready for Connection Tag" has been placed on the main disconnect switch or outdoor meter base.\*
- Proper ESA Connection Authorization received

### **2) For energizing high voltage services (>750V)**

- All conditions outlined under 1) above
- Connection Agreement has been signed (when required)
- Cable test has been completed and results are satisfactory (see Section 3.3 of EI-4 Design and Interconnection Requirements for Customer-Owned Electric Power Substations under Appendix D)

#### **\*Safe and Ready for Connection" Tag**

London Hydro requires electrical contractors to complete a "Safe and Ready for Connection" tag and affix it to the main disconnect switch or outdoor meter base before London Hydro energizes a new or upgraded commercial service. The "Safe and Ready for Connection" tag is required along with the ESA Connection Authorization.

The "Safe and Ready for Connection" tags can be obtained at London Hydro's Visitor Reception Desk located at 111 Horton Street, London ON during normal business hours.