

# Appendix N

## Greater Sudbury Hydro Inc. (GSHI) Specific Electric Vehicle Charging Connection Requirements

This Appendix outlines distributor-specific requirements pertaining to the EVCCP, as it relates to DSC requirements. Its primary objective is to enhance clarity by addressing connection requirements, particularly in cases where variations may arise among different distributors. The DSC requires that a distributor provide its own appendix “Distributor Specific Electric Vehicle Charging Connection Requirements” document and attach or append it to its conditions of service.

### **1. Connection Request**

Section 2.1.2 (A) of the GSHI Conditions of Service (<https://gsuinc.ca/wp-content/uploads/2016/08/conditions.pdf>) says that “The Customer shall submit in writing an Application for Customer Connection, hereafter called the Application, on the form prescribed from time to time by GSHI. The Application form shall be available at all Offices of GSHI. The customer shall present certain facts and information with the Application. The Application shall not be considered complete until all facts and information listed on the Application are submitted to GSHI.”

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

Section 2.1.2 (K), (L) and (M) of the GSHI Conditions of Service (<https://gsuinc.ca/wp-content/uploads/2016/08/conditions.pdf>) define a Non-Residential Customer (K) and the basic connection [(L) and(M)] for Non-Residential Customers, including non-residential EVSE, up to 3000 kw.

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

Section 2.1.2 (D) of the GSHI Conditions of Service (<https://gsuinc.ca/wp-content/uploads/2016/08/conditions.pdf>) describes the “Offer to Connect – Information Provided to Customer”. All Offer to Connects are done on an Estimate basis and are revised based upon the actual costs incurred.

### **4. Capital Contribution**

GSHI shall collect the shortfall between the present value of the projected costs and revenues from the customer in the form of a capital contribution in accordance with the methodology described in the DSC and detailed in Section 2.1.2 P & Q of GSHI’s Conditions of Service.

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

GSHI confirms that it permits the alternative bid option for any work that DOES NOT require physical contact with the distributor's existing distribution system as detailed below.

### ***Alternative Bids***

Where GSHI requires a Capital Contribution from the Customer, GSHI shall allow the Customer to obtain and use alternative bids for the work that is eligible for alternative bid.

The following activities are not eligible for alternative bid<sup>1</sup>:

- a) distribution system planning; and
- b) work by others on GSHI's existing circuits; and,
- c) the development of specifications for any of the following:
  - i. the design of an expansion.
  - ii. the engineering of an expansion; and
  - iii. the layout of an expansion.
- d) providing the design specifications for the construction; and
- e) inspection of electrical infrastructure, cable terminations, testing and authorizing the line for connection.

In the event the Customer chooses to use an alternative bidder to construct those portions of an expansion that are eligible for alternative bid, the Customer shall<sup>2</sup>:

- a) complete all of the work that is eligible for alternative bid;
- b) pay the cost for all design specifications; and,
- c) select, hire, and pay the qualified contractor all the costs for the work eligible for the alternative bid; and,
- d) assume full responsibility for the construction of the alternative bid portion of the expansion project; and,
- e) administer the contract and provide onsite supervision. Administering the contract includes acquisition of all required permissions, permits, and property rights as required; and,
- f) pay the cost of any easements or property agreements as required by GSHI and,
- g) ensure that the work that is eligible for alternative bid is done in accordance with GSHI's distribution system planning and GSHI's specifications for any of the following:
  - i. the design of the expansion;
  - ii. the engineering of the expansion; and,
  - iii. the layout of the expansion
- h) prior to construction, submit plans for the design, engineering, layout and work execution for approval by GSHI. and
- i) assume full responsibility for the construction of any portion of the expansion project to be constructed on private property; and,

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<sup>1</sup> Section 3.2.15 Expansions – Distribution System Code – May 27, 2024 edition.

<sup>2</sup> Section 3.2.16 Expansions – Distribution System Code – May 27, 2024 edition.

- j) pay all applicable ESA inspection fees; and,
- k) pay a fee to GSHI for inspection and commissioning of the construction;
- l) the Customer shall agree to transfer ownership of the expansion facilities that are constructed under the alternative bid option to GSHI upon completion.

GSHI reserves the right to inspect and commission the expansion prior to connection and will be reimbursed by the Customer on a fee for service basis. As well, the Customer shall reimburse GSHI for incidental costs incurred as a result of the work being performed by the alternative bidder; this includes, but is not limited to, items such as establishing work protection and costs associated with connecting the expansion to the existing Distribution System. All expansion facilities shall be constructed in compliance with the design approved by GSHI.

Upon final inspection and approval by GSHI, the Customer will transfer ownership of the expansion facilities to GSHI and the Customer will be paid a transfer price; subject to the Capital Contribution and economic evaluation requirements. The transfer price shall be the lower of the cost to the Customer to construct the expansion facilities or the amount set by GSHI in its initial offer to do the work eligible for alternative bid.

Where GSHI is required to pay a transfer price, the transfer price shall be considered a cost to GSHI for the purposes of completing the final economic evaluation of the system expansion.

## **6. Expansion Deposit**

GSHI shall collect an Expansion Deposit in accordance with the requirements of the DSC.

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

GSHI may require a Connection Agreement with EVSE customers whose requested service exceeds 1,500kW. Appendix A of the GSHI Conditions of Service (<https://gsuinc.ca/wp-content/uploads/2016/08/conditions.pdf>) describes the form and content of such an Agreement.

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

GSHI considers “all applicable service conditions satisfied” when the criteria in GSHI's Conditions of Service Section 2.1.2 C, 2.1.3 and 2.1.4 are met.