**Date:**

**Is this a revision to an existing Threshold Allocation Assessment (TAA) or Threshold Allocation (TA) application?**

Yes  No

**If you answered ‘Yes’ to the above, please provide your Hydro One Project ID Number:**

Project ID Number:

**LDC Threshold Capacity Allocation Application Form – LDC-Owned Circuits Connected to a Shared LV Bus (“Shared LV Bus Application”):**

This Shared LV Bus Application form is for use by the undersigned OEB-licensed electricity distributor connected to Hydro One’s transmission system (LDC) to apply to Hydro One Networks Inc. (“**Hydro One**”) for a Threshold Capacity Allocation which the LDC can use to connect, directly or indirectly, the following types of DER facilities to the Permitted LDC-owned dedicated circuit(s) without having Hydro One perform a Supply Capability Review:

1. Storage Facility with a capacity that does not exceed 500 kW;
2. Micro-Embedded Generation Facility (≤ 10 kW); and
3. Embedded Generation Facility (including Load Displacement and Net Metered Generation Facilities) with a nameplate rated capacity that does not exceed 500 kW.

(collectively, (a), (b), and (c) above are hereinafter referred to as the “**Permitted Facilities**”). **FOR GREATER CERTAINTY**, no Permitted Facility’s capacity shall exceed 500 kW even if such facility is comprised of a combination of the DER facilities described in (a), (b) and (c) above.

**PROVIDED THAT:**

* the LDC-owned shared circuit(s) Connected to Hydro One’s transmission station being on a single Shared LV Bus (the “**Permitted Circuit(s)**”); and
* the LDC has previously submitted at least one DER Facility application for the TS and can provide proof of same by submitting a copy of the signed and stamped Form B of the Customer.

**All fields below are mandatory except where noted. Incomplete Shared LV Bus Application forms may be returned by Hydro One. Please ensure that you fill in the date above.**

1. **Particulars**

Name of Hydro One Transmission Station (“**Supply TS**”):

Designation of Shared LV Bus:

Feeder Designation(s) and Voltages of LDC-owned dedicated circuit(s):

1. **Requested Threshold Capacity Allocation:**

The LDC hereby requests a total of      MW. The LDC acknowledges that the actual Threshold Capacity Allocation approved by Hydro One may differ if the TS has restricted available capacity.

1. **Contact Information:**

|  |  |
| --- | --- |
| **Full Legal Name of LDC** |  |
| **Name of Contact Person** |  |
| **Street, Post Office Box** |  |
| **City, Province, Postal Code** |  |
| **Telephone** |  |
| **Cell** |  |
| **E-mail** |  |

1. **Preferred method of communication with Hydro One:**

E-mail  Telephone  Mail

1. **Definitions**

In this Shared LV Bus Application, the following terms shall have the following meanings:

“**DER**” means a distributed energy resource;

“**DER Facility**” means (a) a Generation Facility; and/or (b) a Storage Facility and for greater certainty, includes a Net Metered Generation Facility, a Load Displacement Facility and Embedded Generation Facility but does not include an Emergency Backup Generation Facility;

**“Embedded Generation Facility”** means a generation facility which is not directly connected to the IESO-controlled grid but instead is connected to a distribution system and has the extended meaning given to it in Section 1.9 of the Distribution System Code;

**“Load Displacement”** means in relation to a DER facility that is connected on the Customer side of the ownership demarcation point, that the output of the DER facility is used or intended to be used exclusively for the load customer’s own consumption;

**“Net Metered Generation Facility”** means an Embedded Generation Facility (with or without a Storage Facility) that meets the requirements of O. Reg. 541/05 “Net Metering” made under the *Ontario Energy Board Act, 1998*; and

**“Storage Facility”** means, for the purpose of Connections, a facility that uses electrical energy (i.e. charges) and then stores such energy for a period of time, and then provides electrical energy as an output, minus any losses (i.e. discharges).

1. **Information about Existing Permitted Facilities:**

The Undersigned represents and warrants to Hydro One as follows **(check one)** and acknowledges that Hydro One will be relying upon this representation and warranty in respect of the LDC’s Shared LV Bus Application and the actual Threshold Capacity Allocation, if any, approved by Hydro One on the basis of this Shared LV Bus Application:

* There are noexisting and queued DER facilities, including Load Displacement supplied from the TS, connected or proposing to connect to any part of the LDC’s distribution system that is downstream from the above-referenced Hydro One Transmission Station as of the date first written above.

* the existing and or proposed (in the LDC’s queue) DER facilities connected or proposing

to connect to any part of the LDC’s distribution system that is downstream from the above-referenced Hydro One Transmission Station are all described in the attached Appendix A as of the date first written above.

1. **Submission Instructions**

If you have any questions please e-mail Hydro One’s Dx Generation Connections Group at [DxGenerationConnections@HydroOne.com](mailto:dxgenerationconnections@hydroone.com) or call **1-877-447-4412**. Business hours are from 8:30 am to 5:00 pm, Monday to Friday.

Please return the completed Shared LV Bus Application form and other required documents by mail to: Hydro One Networks Inc., Attn: Dx Generation Connections Group, Generation Connection Application, 185 Clegg Road, Markham, Ontario L6G 1B7.

**CHECKLIST**

Please ensure the following items are completed prior to submission. Your Shared LV Bus Application will NOT be processed if any part is omitted or incomplete:

* + Signed & Completed LDC Threshold Application – LDC Owned Circuits Connected to a Shared LV Bus (Original & Signed by an authorized signing authority of the LDC)
  + List of Existing and Queued DER Facilities
  + List of Micro Cumulative Total for each Permitted Circuit
  + Payment in full ($500 + tax) by cheque. Cheque should be made payable to “Hydro One Networks Inc.”

**The Undersigned LDC hereby submits this LDC Threshold Application – LDC Owned Circuits Connected to a Shared LV Bus and irrevocably acknowledges and agrees that:**

* if Hydro One is willing to grant a Threshold Capacity Allocation for the Permitted Circuit(s) to the LDC, the LDC will have 15 days from the date that Hydro One sends the undersigned LDC a Letter Agreement substantially in the form of the Letter Agreement set out in Appendix “B” to this Shared LV Bus Application setting out the terms associated with the Threshold Capacity Allocation to execute and deliver same to Hydro One; and
* the undersigned LDC will have no right to use any Threshold Capacity Allocation granted by Hydro One until such time as Hydro One and the undersigned LDC have both executed the above-referenced Letter Agreement.

**[LDC’s full legal name]**

X \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature

Name [print]:

Title:

Date:

**I have the authority to bind the Corporation**

**Appendix A:**

**List of Existing DER Facilities Supplied From the TS and Micro Cumulative Total**

**LDC (Full Legal Name): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_\_\_\_\_\_\_\_

**Capacity Allocation:** \_\_\_\_\_\_ MW

**Fault Contribution Limit (LLL):** \_\_\_\_\_\_\_MVA

**TS (associated with this Threshold Capacity Allocation):** \_\_\_\_

**Voltage:** \_\_\_\_\_\_\_\_\_ kV

**Feeder(s) Designation:** \_\_\_\_\_\_\_

**Designation of LV Bus (associated with this Threshold Capacity Allocation):** \_\_\_\_\_

**The above LV Bus is: 🞎 Dedicated ✓ Shared**

**Remaining Threshold Capacity Allocation (where applicable):** \_\_\_\_

**Application Submission Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, 202\_\_\_

**Section 1: Embedded Generation Facilities:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Generator**  **Name** | **LDC-Owned Dedicated Feeder (Designation)** | **Load Displacement (Y/N)** | **Connected or in LDC Queue[[1]](#footnote-1)** | **Generation**  **Type (Energy Source)[[2]](#footnote-2)** | **Nameplate**  **Rated Capacity (kW)** | **Interface with the Grid[[3]](#footnote-3)** | **Fault**  **Contribution LLL at Bus (kVA)** | **Fault Contribution LG at Bus (kVA)** |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |



**Section 2: Micro-Embedded Generation Facilities (“Micro Cumulative Total”):**

|  |  |  |  |
| --- | --- | --- | --- |
| **Number of Micro-Embedded Projects** | **Station/Bus Designation** | **Dedicated Feeder (Designation)** | **Micro Cumulative Total on Feeder (kW)** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |



**Section 3: Energy Storage Facilities:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **LDC-Owned Dedicated Feeder (Designation)** | **Connected or**  **in LDC Queue1** | | **Nameplate Rated Capacity (kW)** | **Interface with the Grid2** | **Fault Contribution LLL at Bus**  **(kVA)** | **Fault Contribution LG at Bus (kVA)** | **Notes** |
|  |  | |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |



1. **C** = Connected; **Q** = LDC Queue [↑](#footnote-ref-1)
2. **W** = Wind Turbine; **P** = Photovoltaic (Solar); **H** = Hydraulic Turbine; **F** = Fuel Cell; **B** = Biomass; **CHP** = Cogeneration; **NG** = Natural Gas; **O** = Other [↑](#footnote-ref-2)
3. Inverter or sub-transient reactance of generation equipment if it is not inverter based [↑](#footnote-ref-3)