**Date:**

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

Yes  No

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

Project ID Number:

This Embedded Distributor Threshold Capacity Allocation Application Form **(“Application”)**  is for use by an Embedded Distributor embedded in Hydro One Network Inc.’s (“**Hydro One**”) Distribution System whose Municipal Station is fed by an upstream Hydro One-owned Supply Feeder and Supply TSto apply to Hydro One for a threshold capacity allocation of \_\_\_\_\_ MW so as to be able to connect (directly or indirectly) the following types of inverter based DER Facilities to the Embedded Distributor-owned dedicated circuits specified below without having Hydro One conduct a review under Section 6.2.4.1(a) of the Distribution System Code (the “**DSC”**) of the supply capability of the Supply Feeder and the Supply TS (the “**Supply Capability Review**”):

1. Embedded Generation Facility (including Load Displacement and Net Metered Generation Facilities) with a nameplate rated capacity that does not exceed 250 kW;
2. Storage Facility with a capacity that does not exceed 250 kW; and
3. Micro-Embedded Generation Facility (≤ 10 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 250 kW even if such facility is comprised of a combination of the DER facilities described in (a), (b) and (c) above.

**PROVIDED THAT** the Embedded Distributor has previously submitted at least one application for the connection of a DER Facility to the Embedded Distributor-owned dedicated circuits 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 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**”):

Name of Hydro One-owned Supply Feeder (“**Supply Feeder**”):

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

1. **Threshold Capacity Allocation:**

The Embedded Distributor acknowledges that the actual Threshold Capacity Allocation approved by Hydro One will depend on the available capacity on the Supply TS and Supply Feeder.

1. **Contact Information:**

|  |  |
| --- | --- |
| **Full Legal Name of Embedded Distributor** |  |
| **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 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;

**“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 Embedded Distributor’s Application and the actual Threshold Capacity Allocation, if any, approved by Hydro One for the Embedded Distributor-owned dedicated circuits on the basis of this Application:

* There are noexisting and queued DER facilities connected or proposing to connect to any part of the Embedded Distributor’s distribution system that is downstream from the above-referenced Supply Feeder as of the date first written above.

* the existing and or proposed (in the Embedded Distributor’s queue) DER facilities connected or proposing to connect to any part of the Embedded Distributor’s distribution system that is downstream from the above-referenced Supply Feeder 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 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 Application will NOT be processed if any part is omitted or incomplete:

* + Signed & completed Embedded Distributor Threshold Capacity Application (Embedded Distributor-owned Municipal Station fed by an Upstream Hydro One-owned Supply Feeder and Supply TS) - Original & Signed by an authorized signing authority of the Embedded Distributor
  + List of Existing and Queued DER Facilities
  + List of Micro Cumulative Total for each of the Embedded Distributor-owned dedicated circuits
  + Payment in full ($500 + tax) by cheque. Cheque should be made payable to “Hydro One Networks Inc.”

**By submitting this Application, the undersigned Embedded Distributor hereby irrevocably acknowledges and agrees that:**

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

**[Embedded Distributor’s full legal name]**

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

Signature

Name [print]:

Title:

Date:

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

**Appendix A:**

**List of Existing and Queued Permitted Facilities**

**Embedded Distributor Name:** \_\_\_\_\_\_\_\_\_

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

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

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

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

**Designation of Permitted Embedded Distributor-owned Circuit(s) (associated with this Threshold Capacity Allocation)** **:** \_\_\_\_\_\_\_

**Hydro One Host Supply Feeder Designation:** \_\_\_\_\_\_\_

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

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

**It is shared with the following Embedded Distributors (if applicable):** [Hydro One Networks Inc. and insert names of other Embedded Distributors sharing the bus]  
**Remaining Threshold Capacity Allocation (where applicable):** \_\_\_\_

**Application Submission Date:** \_\_\_\_\_

**Section 1: Embedded Generation Facilities:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Generator**  **Name** | **Permitted Embedded Distributor-owned Circuit(s) (Designation)** | **Load Displace-ment (Y/N)** | **Connected or in Embedded Distributor Queue[[1]](#footnote-1)** | **Generation**  **Type (Energy Source)[[2]](#footnote-2)** | **Nameplate**  **Rated Capacity (kW)** | **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** | **Supply Municipal Station Designation** | **Permitted Embedded Distributor-owned Circuit(s) (Designation)** | **Micro Cumulative Total on Permitted Embedded Distributor-owned Circuit(s) (Designation) (kW)** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Permitted Embedded Distributor-owned Circuit(s) (Designation)** | **Connected or in Embedded Distributor Queue1** | **Nameplate Rated Capacity (kW)** | **Fault Contribution LLL at Bus**  **(kVA)** | **Fault Contribution LG at Bus (kVA)** | **Notes** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**Section 3: Energy Storage Facilities:**

1. **C** = Connected; **Q** = Embedded LDC Queue [↑](#footnote-ref-1)
2. **P** = Photovoltaic (Solar); **F** = Fuel Cell; **O** = Other [↑](#footnote-ref-2)