

# GENERATION CONNECTION INFORMATION PACKAGE

## 1. Introduction

In Accordance with the Ontario Energy Board's Distributed Energy Resources Connection Procedure, Tillsonburg Hydro Inc. (THI) is providing the "Generation Connection Information Package" to customers with the information necessary to connect a distributed energy resource to THI's distributions system.

The package will provide the process, information, applications and documents required to facilitate the DER connection. The Generator Connection Information Package and all supporting documents are available electronically. Proponents may contact THI for a paper copy of the "Package". The package will be provided by Canada Post to addresses in Ontario.

Website [www.tillsonburghydro.ca](http://www.tillsonburghydro.ca)

## 2. Contact Information

### **Tillsonburg Hydro Inc.**

10 Lisgar Ave

Tillsonburg, Ontario

N4G 5A5

Attn: **DER Connections**

[generation@tillsonburg.ca](mailto:generation@tillsonburg.ca)

P: 519-688-3009

## 3. Generation Connection Information Package Documents

THI - DER Connection Process

THI - DER Technical Interconnection Requirements

THI - DER Restricted Feeder and Generation Capacity Limits

THI - DER Connection Agreement – Micro-Embedded Generation Facility

THI - DER Connection Agreement – Small & Medium Size Generation Facility

DERCP - Sample Protection Philosophy

## 4. Process for Connecting Distributed Energy Resources

Refer to document THI - DER Connection Process for detailed information, forms and the process of connecting distributed energy resources (der's) to THI's distribution system.

## 5. Required Approvals

- Host distributor connection approvals (managed by THI).
- Transmitter connection approvals (managed by THI).
- Electrical Safety Authority Inspection and Connection Authorization
- Canadian Standards Association – applicable to all equipment installations
- Applicants are advised to contact the local municipal office for site restrictions, building codes and other applicable codes and by-laws.

## 6. Technical Requirements

### 6.1 DER Technical Interconnection Requirements

Refer to the following technical documents:

- Technical requirements for connection distributed energy resources to the THI distribution system including metering requirements. THI - DER Technical Interconnection Requirements
- Feeder and substation technical capacity limits. THI - DER Restricted Feeder and Generation Capacity Limits (*updated on the website quarterly*)

Host distributor technical requirements:

- Hydro One
  - Distributed Generation Technical Interconnection Requirements Interconnections at Voltages 50kV and Below (DT-10-15-R3, latest revision)
  - Technical Interconnection Requirements for Distributed Generation, Micro Generation & Small Generation, 3-phase, less than 30 kW (DT-10-20, latest revision)

Additional technical requirements:

- Ontario Electrical Safety Code (latest revision)
- Canadian Standards Association (applicable codes)
- Institute of Electrical and Electronics Engineers (IEEE)
- All other applicable rules, codes and regulations

## 7. Standard Contractual Terms

Refer to the following THI document for standard contractual terms:

- THI - DER Connection Agreement – Micro-Embedded Generation Facility
- THI - DER Connection Agreement – Small & Medium Size Generation Facility

## 8. Sample Protection Philosophy

Refer to the following THI document for a protection philosophy sample:

- DERCP - Sample Protection Philosophy