

BULLETIN

1. Bulletin ID #: B-05-DT-10-015.R3

2. Reference Document: "Distributed Generation Technical Interconnection Requirements (TIR) Interconnections at voltages 50 kV and below", *DT-10-015 R3, March 2013*, and all preceding versions - The original document published as *DT-10-015 R0, in November 2009*, and revised as *DT-10-015 R1, in February 2010* and as revised as *DT-10-015 R2 in June 2011*.

3. Type: Modification of Section 2.3.13 Transfer Trip

4. Release date: May 15, 2023

5. Effective date: May 15, 2023

6. Affected Section of The TIR:
Section 2.3.13 Transfer Trip

7. Existing Requirement

The entirety of section 2.3.13 will remain as is other than the additions identified in "8. Modified Requirement" below.

8. Modified Requirement

xii) Non-exporting DG Facilities, typically less than or equal to 3MW, where the sole purpose of electricity generation at the site is to supply the load at the same PCC as the DG Facility and where under no circumstances the DG Facility will be operated in such a way to supply power into the Distribution System at any time; and where the DG Facility utilizes only inverters as the means of power generation may be exempted from Items (i), (ii) (iii) and (iv) in section 2.3.13 of the TIR if they meet and/or comply with certain conditions as determined by Hydro One during the CIA technical assessment. These conditions and requirements include but may not be limited to;

- a. DG Facility will be required to accept HONI SCADA control signals including but not limited to;
 - i. DG Permit Generation and;
 - ii. HVI/LVI trip/close (trip without intentional delay)
- b. Additions and/or modifications to HONI feeder and/or recloser protections must be possible, such as increasing the reclose delay and requiring voltage supervised reclose, etc.
- c. Temporary overvoltage (TOV) must be within acceptable limits as determined by the CIA.
- d. DG Facility may require additional and/or modified intertie protections such as instantaneous overvoltage protections and voltage sensing on the HV side.
- e. The generation to minimum load ratio on the feeder must be acceptable as determined by the CIA.

9. Background and Reason:

Hydro One utilizes transfer trip teleprotections to reduce and/or eliminate unacceptable conditions on the Distribution System. The criteria were established based industry standards in conjunction with acceptable risk tolerances. At this time, Hydro One is able to leverage the knowledge gained over the last several years along with technological advancements to be able to offer modified connection requirements under certain conditions provided that system anti-islanding, temporary over-voltage, protection coordination and reclose concerns are otherwise mitigated through system upgrades and/or other requirements.

If you have questions related to this bulletin, please contact:

E-mail: to DGConnectionReq@HydroOne.com