

## BULLETIN

1. **Bulletin ID #:** B-02-DT-10-015.R3
2. **Reference Document:** “Distributed Generation Technical Interconnection Requirements (TIR) Interconnections at voltages 50kV 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 clause 2.3.13 (xi)
4. **Release date:** January 14, 2016
5. **Effective date:** January 14, 2016
6. **Affected Section of The TIR:**  
Section 2.3.13 Transfer Trip requirements under the Protection Requirements in the Technical Interconnection Requirements section of the TIR.
7. **Existing Requirement – Section 2.3.13 Item (xi)**  
DG Facilities with an aggregate capacity of 500 kW and less, may be exempted from Items (ii) and (iii) above and permitted to use passive anti-islanding protections in accordance with Section 2.3.12 Item (iv).
8. **Modified Requirement**  
For DG Facilities rated  $\leq 500$  kW where Hydro One determines that its connection will not result in an unacceptable risk of an island formation in its distribution system, the DG Facility may be exempted from Items (ii) and (iii) above and permitted to use passive anti-islanding protections in accordance with Section 2.3.12 Item (iv).
9. **Background and Reason:**  
Due to the amount of generation connected/connecting to Hydro One’s Distribution System, there is an increased risk in certain areas where the mismatch between the load and connected/connecting generation is small such that DG Facilities  $\leq 500$  kW can increase the risk of an island being maintained. An uncontrolled island can lead to power quality issues, reliability issues, damaged equipment, and may pose a safety concern to utility employees as well as the public. To address these concerns, Hydro One will require installation of Transfer Trip to DG Facilities  $\leq 500$  kW where Hydro One has determined that there is an increased risk of island formation.

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

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