

PSC NO: 2 ELECTRICITY  
COMPANY: MASSENA ELECTRIC DEPARTMENT  
EFFECTIVE DATE: October 1, 2010

LEAF: 49  
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## ISLANDING

Generation interconnection systems must be designed and operated so that islanding is not sustained on utility distribution circuits. The requirements listed in this document are designed and intended to prevent islanding.

## EQUIPMENT CERTIFICATION

In order for the equipment to be acceptable for interconnection to the utility system without additional protective devices, the interface equipment must be equipped with the minimum protective function requirements listed in the table under the Minimum Protective Function Requirements section of this tariff and be tested by a Nationally Recognized Testing Laboratory (NRTL) recognized by the United States Occupational Safety and Health Administration (OSHA) in compliance with Underwriter's Laboratories (UL) 1741, Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources latest revision.

For each interconnection application, documentation including the proposed equipment certification, stating compliance with UL 1741 by an NRTL, shall be provided by the applicant to the utility. Supporting information from an NRTL website or UL's website stating compliance is acceptable for documentation.

If an equipment manufacturer, vendor, or any other party desires, documentation indicating compliance as stated above may be submitted to the Department of Public Service Commission for listing under the "Certified Equipment" list on the Department's website (<http://www.dps.state.ny.us/distgen.htm>).

Certification information for equipment tested and certified to UL 1741 latest revision by a non-NRTL shall be provided by the manufacturer, or vendor to the contacts listed on the Public Service Commission's website (<http://www.dps.state.ny.us/distgen.htm>) for review before final approval and posting under the Public Service Commission's "Certified Equipment" list. Utilities are not responsible for reviewing and approving equipment tested and certified by a non-NRTL.

If an equipment is UL 1741 latest revision certified by an NRTL and compliance documentation is submitted to the utility, the utility shall accept such equipment for interconnection in New York State. All equipment certified to UL 1741 latest revision by an NRTL shall be deemed 'certified equipment' even if it does not appear on the Department of Public Service Commission's website.

Utility grade relays need not be certified per the requirements of this section.

## VERIFICATION TESTING

All interface equipment must include a verification test procedure as part of the documentation presented to the utility. Except for the case of small single-phase inverters as discussed later, the verification test must establish that the protection settings meet the SIR requirements. The verification testing may be site-specific and is conducted periodically to assure continued acceptable performance.

Issued by: James Shaw, Chairman MEUB, P.O. Box 209, Massena, NY 13662-0209