



October 23, 2018

RE: Codes and Standards Applicable to Distributed Energy Resources

To Whom It May Concern,

For all Distributed Energy Resources (DER) applying or registering under VT PUC Rule 5.500 or VT PUC Rule 5.100 after November 2, 2018, GMP will require DER interconnections to follow the IEEE 1547 and UL1741 codes and standards that are currently in effect in Vermont. These codes and standards are as follows:

- IEEE 1547-2018 replaced both 1547-2003 and 1547a-2014 in February 2018
- IEEE 1547.1a-2015 amended IEEE 1547.1-2005 (note: 1547.1 is currently being revised, with anticipated adoption in late 2018 or 2019)
- UL 1741 (2010) as supplemented by UL1741 SA (2016)

This requirement is based on VT PUC Rule 5.510, copied below in pertinent part:

5.510 Codes and Standards. When any listed version of the following codes and standards is superseded by a revision approved by the standards-making organization, then the revision shall be applied under Section 5.505. Applications that are date-and-time-stamped on or before six months after the revision date may follow the previous version of the standard, unless an immediate threat to safety and reliability exists that requires the retrofit of all similarly situated equipment. Applications that are date-and-time-stamped later than six months after the revision date must follow the revised standard.

(A) IEEE P1547 Standard for Interconnecting Distributed Resources with Electric Power Systems as adopted and successor or related IEEE-approved standards.

(B) UL 1741 Inverters, Converters, and Controllers for Use in Independent Power Systems.

In addition, following project review, GMP may require inverter settings that implement the February 6, 2018 ISO Source Requirement Document and are made possible by the required UL1741 SA compliant inverters.

If you have any questions or concerns don't hesitate to contact us at dr@greenmountainpower.com.

Sincerely,

John R Fiske
Leader of Green Mountain Power Engineering