

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

LEAF: 46
REVISION: 0

The need for additional protective functions shall be determined by the utility on a case-by-case basis. If the utility determines a need for additional functions, it shall notify the generator-owner in writing of the requirements. The notice shall include a description of the specific aspects of the utility system that necessitate the addition, and an explicit justification for the necessity of the enhanced capability. The utility shall specify and provide settings for those functions that the utility designates as being required to satisfy protection practices. Any protective equipment or setting specified by the utility shall not be changed or modified at any time by the generator-owner without written consent from the utility.

The generator-owner shall be responsible for ongoing compliance with all applicable local, state, and federal codes and standardized interconnection requirements as they pertain to the interconnection of the generating equipment. Protective devices shall utilize their own current transformers and potential transformers and not share electrical equipment associated with utility revenue metering.

A failure of the generator-owner's protective devices, including loss of control power, shall open the automatic disconnect device, thus disconnecting the generation from the utility system. A generator-owner's protection equipment shall utilize a non-volatile memory design such that a loss of internal or external control power, including batteries, will not cause a loss of interconnection protection functions or loss of protection set points.

All interface protection and control equipment shall operate as specified independent of the calendar date.

4. Metering

MED will require at least two revenue meters for the purpose of billing. The existing meter will be replaced with a bidirectional meter to determine the amount of energy delivered, plus the energy received by MED. A second meter will be installed to determine the amount of energy generated by the facility. If more than one inverter is used by the facility additional meters may be required to adequately measure energy generated. The cost associated with the installation of all meters required will be the responsibility of the customer.

OPERATING REQUIREMENTS

The generator-owner shall provide a 24-hour telephone contact. This contact will be used by the utility to arrange access for repairs, inspection or emergencies. The utility will make such arrangements (except for emergencies) during normal business hours.

Voltage and frequency trip set point adjustments shall be accessible to service personnel only.

Any changes to these settings must be reviewed and approved by the utility. The generator-owner shall not supply power to the utility during any outages of the utility system that serves the PCC. The generator-owner's generation may be operated during such outages only with an open tie to the utility. Islanding will not be permitted. The generator-owner shall not energize a de-energized utility circuit for any reason.

The disconnect switch specified may be opened by the utility at anytime for any of the following reasons:

- a. to eliminate conditions that constitute a potential hazard to utility personnel or the general public;

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