

PSC NO: 119 ELECTRICITY
NEW YORK STATE ELECTRIC & GAS CORPORATION
Initial Effective Date: 09/01/03

Leaf: 120
Revision: 0
Superseding Revision:

GENERAL INFORMATION

9. Distributed Generation Interconnection Requirements (Cont'd.)

F. II. Interconnection Requirements for New Distributed Generators 300 kVA or Less, or Farm Waste Generators of 400 kW or Less, Connected to Radial Distribution Lines (Cont'd.)

C. Dedicated Transformer

NYSEG reserves the right to require a power producing facility to connect to the NYSEG system through a dedicated transformer. The transformer shall either be provided by NYSEG at the generator-owner's expense, purchased from the NYSEG, or conform to NYSEG's specifications. The transformer may be necessary to ensure conformance with utility safe work practices, to enhance service restoration operations, or to prevent detrimental effects to other NYSEG customers. The transformer that is part of the normal electrical service connection of a generator-owner's facility may meet this requirement if there are no other customers supplied from it. A dedicated transformer is not required if the installation is designed and coordinated with NYSEG to protect the NYSEG system and its customers adequately from potential detrimental net effects caused by the operation of the generator.

If NYSEG determines a need for a dedicated transformer, it shall notify the generator-owner in writing of the requirements. The notice shall include a description of the specific aspects of the NYSEG system that necessitate the addition, the conditions under which the dedicated transformer is expected to enhance safety or prevent detrimental effects, and the expected response of a normal, shared transformer installation to such conditions.

D. Disconnect Switch

Generating equipment shall be capable of being isolated from the NYSEG system by means of an external, manual, visible, gang-operated, load break disconnecting switch. The disconnect switch shall be installed, owned and maintained by the owner of the power producing facility and located between the power producing equipment and its interconnection point with the NYSEG system.

The disconnect switch must be rated for the voltage and current requirements of the installation.

The basic insulation level (BIL) of the disconnect switch shall be such that it will coordinate with that of NYSEG's equipment. Disconnect devices shall meet applicable UL, ANSI, and IEEE standards, and shall be installed to meet all applicable local, state, and federal codes. (New York City Building Code may require additional certification.)

The disconnect switch shall be clearly marked, "Generator Disconnect Switch," with permanent 3/8 inch letters or larger.

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