

PSC No: 20 - Electricity  
Rochester Gas and Electric Corporation  
Initial Effective Date: June 1, 2003

Leaf No. 142  
Revision: 0  
Superseding Revision:

## GENERAL INFORMATION

### 14. DISTRIBUTED GENERATION INTERCONNECTION REQUIREMENTS (cont'd)

#### A. STANDARDIZED INTERCONNECTION REQUIREMENTS (cont'd)

#### III. Glossary of Terms

**Automatic Disconnect Device:** An electronic or mechanical switch used to isolate a circuit or piece of equipment from a source of power without the need for human intervention.

**Cease to Energize:** cessation of energy flow capability

**Coordinated Electric System Interconnection Review:** Any studies performed by utilities to ensure that the safety and reliability of the electric grid with respect to the interconnection of distributed generation as discussed in this document.

**Dedicated Transformer:** A transformer with a secondary winding that serves only one customer.

**Direct Transfer Trip:** Remote operation of a circuit breaker by means of a communication channel.

**Disconnect (verb):** To isolate a circuit or equipment from a source of power. If isolation is accomplished with a solid-state device, "Disconnect" shall mean to cease the transfer of power.

**Disconnect Switch:** A mechanical device used for isolating a circuit or equipment from a source of power.

**Energy Conversion Device:** A machine or solid state circuit for changing direct current to alternating current or a machine that changes shaft horsepower to electrical power.

**Generator-Owner:** An applicant to operate on-site power generation equipment in parallel with the utility grid per the requirements of this document.

**Islanding:** A condition in which a portion of the utility system that contains both load and distributed generation is isolated from the remainder of the utility system. (Adopted from IEEE 929.)

**Photovoltaic, Net Meter, Residential Applicant:** A residential applicant who is proposing to install a photovoltaic generating system, not to exceed 10 kW, in an owner occupied residence per the requirements of New York State Public Service Law §66-j.

**Point of Common Coupling (PCC):** The point at which the interconnection between the electric utility and the customer interface occurs. Typically, this is the customer side of the utility revenue meter. (Adopted from IEEE 929)

**Preliminary Review:** A review of the Customer-Generator's proposed system capacity, location on the utility system, system characteristics, and general system regulation to determine if the interconnection is viable.

**Radial Feeder:** A distribution line that branches out from a substation and is normally not connected to another substation or another circuit sharing the common supply.

**Required Operating Range:** The range of magnitudes of the utility system voltage or frequency where the generator-owner's equipment, if operating, is required to remain in operation for the purposes of compliance with

ISSUED BY: James A. Lahtinen, Vice President Rates and Regulatory Economics, Rochester, New York