

PSC No: 20 - Electricity
Rochester Gas and Electric Corporation
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GENERAL INFORMATION

PART II - RULES AND REGULATIONS

4. OPERATIONAL ISSUES (Cont'd)

G. **POWER QUALITY (Cont'd)**

(2) **High Inrush Current Devices**

(a) Voltage Disturbances

Distribution Customers serving a Retail Customer taking service for operation of arc-furnaces, welders, X-ray machines or any other devices having a highly fluctuating or large instantaneous demand which causes undue voltage disturbance on the circuit from which service is taken, thereby interfering with the service taken by that or other Retail Customers, shall install or pay for corrective equipment and facilities to avoid such interference with service or ensure that the Retail Customer installs or pays for same. If the Retail Customer has initiated contact directly with the Distribution Provider, the Retail Customer will be responsible for installing and paying for same. If the Distribution Customer fails to have such equipment installed, the Distribution Provider will install the required equipment and will charge the Distribution Customer serving that Retail Customer \$2.88 per kilovolt ampere per month.

This provision does not apply to a Distribution Customer's Retail Customers taking service under Service Classification No. 7 General Service. For a Distribution Customer's Retail Customer taking service under Service Classification No. 7 for operation of arc-furnaces, welders, X-ray machines or any other devices having a highly fluctuating or large instantaneous demand which causes undue voltage disturbance on the circuit from which service is taken, thereby interfering with the service taken by such customer or other customers, the provisions of Rule 2 of the Minimum Demand Charge section of Service Classification No. 7 apply.

(b) Motors

All motors of five horsepower or less connected to the Distribution Provider's lines shall normally be single phase, and motors over five horsepower shall normally be three phase, but Distribution Customers should contact the Distribution Provider in advance to ascertain the applicable conditions. Single phase motors rated in excess of one-half horsepower must be connected for 240 (208) volt operation. All motors connected to the Distribution Provider's lines shall be of a type that shall not require starting current deemed unreasonable by the Distribution Provider, or shall have starting devices to restrict the starting current within the limits considered reasonable by the Distribution Provider, or both.

(3) **Correction/Remediation**

If the Distribution Customer or a Retail Customer causes or contributes to a power quality condition that adversely affects the Distribution Provider's system or other Distribution Customers or Retail Customers, the Distribution Provider shall notify the Distribution Customer and the Retail Customer of such condition. The Distribution Customer shall be responsible for correcting that condition in a manner deemed adequate by the Distribution Provider, by:

(Continued on next leaf)

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