PSC No: 19 - Electricity
Rochester Gas and Electric Corporation
Initial Effective Date: June 1, 2003

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Superseding Revision:

GENERAL INFORMATION

10. DISTRIBUTED GENERATION INTERCONNECTION REQUIREMENTS (Cont'd)

For Synchronous Machines:

Submit copies of the Saturation Curve and the Vee Curve
( )Salient ( )Non-Salient
Torque: _____lb-ft Rated RPM: _____
Field Amperes: _____ at rated generator voltage and current
and _____% PF over-excited
Type of Exciter: _____
Output Power of Exciter: _____
Type of Voltage Regulator: _____
Direct-axis Synchronous Reactance (Xd) _____ohms
Direct-axis Transient Reactance (X'd) _____ohms
Direct-axis Sub-transient Reactance (X"d) _____ohms

For Induction Machines:

Rotor Resistance (Rr)_____ohms Exciting Current ____Amps
Rotor Reactance (Xr)_____ohms Reactive Power Required:
Magnetizing Reactance (Xm)_____ohms ___VARs (No Load)
Stator Resistance (Rs)_____ohms ___VARs (Full Load)
Stator Reactance (Xs)_____ohms
Short Circuit Reactance (X"d)_____ohms Phases:
Frame Size: _____ Design Letter: ____ ( )Single
Temp. Rise: _____OC. ( )Three-Phase

For Inverters:

Manufacturer: Model:
Type: ( )Forced Commutated ( )Line Commutated
Rated Output: Amps Volts
Efficiency: %

Signature:

_____

CUSTOMER SIGNATURE TITLE DATE

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