

PSC NO: 119 ELECTRICITY
NEW YORK STATE ELECTRIC & GAS CORPORATION
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GENERAL INFORMATION

NEW YORK STATE STANDARDIZED APPLICATION FOR ATTACHMENT OF PARALLEL GENERATION EQUIPMENT 300 KVA OR SMALLER, OR FARM WASTE GENERATORS OF 400 KW OR SMALLER (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 _____ % of PF over-excited
Type of Exciter: _____
Output of Power of Exciter: _____
Type of Voltage Regulator: _____
Direct-axis Synchronous Reactance (X_d) _____ ohms
Direct-axis Transient Reactance (X'_d) _____ ohms
Direct-axis Sub-transient Reactance (X''_d) _____ ohms

For Induction Machines:

Rotor Resistance (R_r) _____ ohms Exciting Current _____ Amps
Rotor Reactance (X_r) _____ ohms Reactive Power Required:
Magnetizing Reactance (X_m) _____ ohms _____ VARs (No Load)
Stator Resistance (R_s) _____ ohms _____ VARs (Full Load)
Stator Reactance (X_s) _____ ohms
Short Circuit Reactance (X''_d) _____ ohms Phases:
Frame Size: _____ Design Letter: _____ () Single
Temp. Rise: _____ °C. () 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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