Adapted from Appendix C of the New York State Standardized Application for Attachment of Parallel Generation Equipment 2MW or Smaller - dated 9/05

NEW YORK STATE STANDARIZED APPLICATION
FOR ATTACHMENT OF PARALLEL GENERATION
EQUIPMENT 2 MW OR SMALLER
TO THE ELECTRIC SYSTEM OF

CENTRAL HUDSON GAS & ELECTRIC

Customer:

Name: _____ Phone: _____

CH Account #: _____

Address: _____

_____

Consulting Engineer or Contractor:

Company: _____ Phone: _____

Contact Name: _____

Address: _____

_____

Estimated In-Service Date: _____

Existing Electric Service:

Capacity: _____Amperes Voltage: _____Volts
Service Character: ( )Single Phase ( )Three Phase
Secondary 3 Phase Transformer Connection ( )Wye ( )Delta

Location of Protective Interface Equipment on Property:
(include address if different from customer address)

_____

Energy Producing Equipment/Inverter Information:

Manufacturer: _____
Model No. _____ Version No. _____
( )Synchronous ( )Induction ( )Inverter ( )Other_____
Rating: _____kW Rating: _____kVA
Rated Output: ____VA Rated Voltage: ____Volts
Rate Frequency: ____Hertz Rated Speed: ____RPM
Efficiency: ____% Power Factor: ____%
Rated Current: ____Amps Locked Rotor Current: ____Amps
Synchronous Speed: ____RPM Winding Connection:
Min. Operating Freq./Time:
Generator Connection: ( )Delta ( )Wye ( )Wye Grounded
System Type Tested (Total System): ( )Yes ( )No; attach product literature
Equipment Type Tested (i.e. Inverter, Protection System):
( )Yes ( )No; attach product literature
One Line Diagram attached: ( )Yes
Installation Test Plan attached: ( )Yes

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 (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: _____ ^{O}C. ( )Three-Phase

For Inverters:

Manufacturer: _____ Model:
Type: ____ ( )Forced Commutated ( )Line Commutated
Rated Output: _____Amps _____Volts
Efficiency: _____%

Signature:

_____	_____	_____
CUSTOMER SIGNATURE	TITLE	DATE