

**FORM NO. 2-B
APPENDIX B - INTERCONNECTION REQUEST FORM (LEVEL 2)**

Customer:

Name: _____ Phone: _____

Address: _____ Municipality: _____

Consulting Engineer or Contractor:

Name: _____ Phone: _____

Address: _____

Estimated In-Service: _____

Existing Electric Service:

Capacity: _____ Amps Voltage: _____ Volts

Service Character: Single-Phase Three-Phase Secondary

Three-Phase Transformer Connection: Wye Delta

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

Attention: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

List interconnection components/system(s) to be used in the Small Generator Facility that are Certified

Component/System	NRTL Providing Label & Listing
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

Please provide copies of manufacturer brochures or technical specification

Energy Production Equipment/Inverter Information:

Synchronous Induction Inverter Other _____

Rating: _____ kW Rating: _____ kVA

Rated Voltage: _____ Amps

System Type Tested (Total System): Yes No; attach product literature

System Design Capacity: _____ (kW) _____ (kVA)

For Synchronous Machines:

Manufacturer: _____

Model No. _____ Version No. _____

Submit copies of the Saturation Curve and the Vee Curve

 Salient Non-SalientTorque: _____ 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: _____

Locked Rotor Current: _____ Amps Synchronous Speed: _____ RPM

Winding Connection: _____ Min. Operating Freq./Time: _____

Generator Connection: Delta Wye Wye GroundedDirect-axis Synchronous Reactance (X_d) _____ ohmsDirect-axis Transient Reactance (X'_d) _____ ohmsDirect-axis Sub-transient Reactance (X''_d) _____ ohms

For Induction Machines:

Manufacturer: _____

Model No.: _____ Version No.: _____

Locked Rotor Current: _____ Amps

Rotor Resistance (R_r) _____ ohms Exciting Current _____ AmpsRotor Reactance (X_r) _____ ohms Reactive Power Required: _____Magnetizing Reactance (X_m) _____ ohms _____ VARs (Full Load)Stator Reactance (R_s) _____ ohms _____ VARs (Full Load)Stator Reactance (X_s) _____ ohmsShort Circuit Reactance (X''_d) _____ ohmsPhases: Single Three-Phase

Frame Size: _____ Design Letter: _____ Temp. Rise: _____ ° C.

For Inverter Based Facilities:

Inverter:

Manufacturer: _____ Model: _____

Type: _____ Forced Commutated _____ Line Commutated

Rated Output: _____ Amps _____ Volts

Efficiency: _____ % Power Factor: _____ %

DC Source/Prime Mover:

Solar Wind Hydro Other _____

Rating: _____ kW Rating: _____ kVA

Rated Voltage: _____ Volts

Open Circuit Voltage (If applicable): _____ Volts

Rated Current: _____ Amps

Short Circuit Current (If applicable): _____ Amps

Other Facility Information:

The following items must be attached to this form to be considered complete:

One-Line Diagram attached: Yes No

Plot Plan attached: Yes No

Installation Test Plan attached: Yes No

Customer Signature:

CUSTOMER

TITLE

DATE