

**ROCKLAND ELECTRIC COMPANY**  
**APPLICATION FOR LEVEL 2 INTERCONNECTION REVIEW**

**Application Instructions**

In order to use this application, the facility must meet the following criteria:

- The facility has a capacity of 2 megawatts or less; and
- The facility has been certified in accordance with N.J.A.C. 14:4-9.6.

If the facility does not meet all these requirements, you cannot use this form.

Application Fee for a Level 2 interconnection review is \$50 plus \$1 per kilowatt.

Mail completed application (3 pages) with application fee to:

Rockland Electric Company  
390 West Route 59  
Spring Valley, NY 10977  
Attn: Distribution Engineering, DG

**A. Applicant Information**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Street Address (if different from above): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Electric Account No. (from Utility Bill): \_\_\_\_\_

Electric Energy Electric Service Provider (If other than RECO): \_\_\_\_\_

Electric Energy Service Provider Account No. (If other than RECO): \_\_\_\_\_

**B. 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

One Line Diagram attached: ( ) Yes

Installation Test Plan attached: ( ) Yes

Manual AC Disconnect Switch - Location: \_\_\_\_\_

Applicant Name: \_\_\_\_\_

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**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: \_\_\_\_\_ °C. ( ) Three-Phase

**For Inverters:**

Manufacturer Name Plate AC Power Rating: \_\_\_\_\_ kW Inverter Power Rating: \_\_\_\_\_

System Type: (i.e., Solar, Wind, Fuel Cell, etc.) \_\_\_\_\_

Inverter Manufacturer: \_\_\_\_\_

Inverter Model No: \_\_\_\_\_ Inverter Serial No: \_\_\_\_\_

Inverter Location: . Indoor . Outdoor . Self Contained Location \_\_\_\_\_

Type: ( ) Forced Commutated ( ) Line Commutated

Rated Output: Amps Volts

Efficiency: \_\_\_\_\_ %

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Applicant Name: \_\_\_\_\_

**C. Installation Contractor Information/Hardware and Installation Compliance**

Installation Contractor (Company Name) \_\_\_\_\_

Contractor's License No.: \_\_\_\_\_ Proposed Installation Date: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Signed (Contractor): \_\_\_\_\_ Date: \_\_\_\_\_

Name (Print): \_\_\_\_\_

**D. Owner Acknowledgment**

I agree not to operate the facility in parallel with the RECO system until RECO grants final approval of the installation, after final testing of the facility.

Signed (Owner): \_\_\_\_\_

Date: \_\_\_\_\_