



**BATANGAS II ELECTRIC COOPERATIVE, INC.**

**Antipolo del Norte, Lipa City**

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**NET METERING APPLICATION FORM**

Application No. \_\_\_\_\_

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

**1. APPLICANT'S INFORMATION**

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

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

Telephone Number(s) \_\_\_\_\_ Email Address: \_\_\_\_\_

**2. LOCATION OF NET METERING INSTALLATION**

Residential Address: \_\_\_\_\_

Business Address: \_\_\_\_\_

Account Number: \_\_\_\_\_ Meter Number: \_\_\_\_\_

### 3. NET METERING FACILITY DESCRIPTION

Total Generation Capacity of the Eligible Net Metering Facility (kW): \_\_\_\_\_

Type of Facility (please check):

\_\_\_\_\_ Wind Turbine

\_\_\_\_\_ Hydraulic Turbine

\_\_\_\_\_ Solar / Photovoltaic Cells

\_\_\_\_\_ Biomass

### 4. APPLICANT'S OWNED-STEP-UP INTERFACE TRANSFORMER INFORMATION

a) Transformer Rating: \_\_\_\_\_ kVA

b) Grounding Method of Star Connected High Voltage Winding Neutral (connection voltage to BATELEC II distribution system):

\_\_\_\_\_ Solid \_\_\_\_\_ Undergrounded Impedance grounded: R \_\_\_\_\_ X \_\_\_\_\_ ohms

Low Voltage Winding Connection: \_\_\_\_\_ delta \_\_\_\_\_ star

c) Grounding Method of Star Connected Low Voltage Winding Neutral (generator / inverter output voltage):

\_\_\_\_\_ Solid \_\_\_\_\_ Undergrounded Impedance grounded: R \_\_\_\_\_ X \_\_\_\_\_ ohms

**5. GENERATOR / INVERTER INFORMATION**

(Generation Facilities installing more than one type of generator)

a) Manufacturer: \_\_\_\_\_

b) Model Number: \_\_\_\_\_ No. of Phases \_\_\_\_\_ Single  $\phi$  \_\_\_\_\_ Three  $\phi$

c) Name Plate Rating: \_\_\_\_\_ kW Generator/Inverter AC Output Voltage: \_\_\_\_\_ volts

d) Type of Inverter: \_\_\_\_\_ Self-commutated \_\_\_\_\_ Line-commutated

e) Others (please specify): \_\_\_\_\_

f) Are Power Factor Correction Capacitors automatically switched-off when generator breaker opens?

\_\_\_\_\_ Yes      \_\_\_\_\_ No

g) Are the Generator/Inverter Paralleling Equipment and/or Design Pre-certified and meets Anti-Islanding test requirements?

\_\_\_\_\_ Yes (to which standard(s) \_\_\_\_\_

\_\_\_\_\_ No

h) Methods of synchronizing the generator / inverter to the distribution system:

\_\_\_\_\_ Manual      \_\_\_\_\_ Automatic

**6. SINGLE LINE DIAGRAM (SLD)**

SLD Drawing Number: \_\_\_\_\_ Rev.: \_\_\_\_\_

(Electrical System showing Major Electrical Equipment, Ratings, Location Fault, Interrupting Device - circuit breakers/fuse, Generating Unit(s), and Connection Arrangement to Customer's Electrical System. Protection, metering and proposed tripping schemes isolating / disconnecting device for the isolation of the generating unit(s) from the Distribution System suitably rated, accessible, visible, gang operated)

**NOTE: Provide a Site Plan (sketch) showing Electric Service Entrance, Step-down Transformer, Generator(s)/Inverter(s) Location, Existing/New Switchgear, Isolating/Disconnecting Device Location, Adjacent Street Name and Street Address.**

\_\_\_\_\_  
Signature over Printed Name

\_\_\_\_\_  
Date