LENOIR CITY UTILITIES BOARD
APPLICATION FOR INTERCONNECTION OF RENEWABLE GENERATION

Please email to newservice@LCUB.com Call 865-988-0716 for information.

PART 1: CONTACT INFORMATION

A. CUSTOMER INFORMATION

Name: _____

Site Address: _____

City: _____ County: _____ State: _____ Zip Code: _____

Electric Service Account Number: _____ - _____ Meter Number: _____

Phone Number: _____ Fax Number: _____

Mailing Address (If different): _____

Email Address: _____

B. PROJECT DESIGN/ENGINEERING (AS APPLICABLE)

Company: _____

Mailing Address: _____

City: _____ County: _____ State: _____ Zip Code: _____

Phone Number: _____ Representative: _____

Email Address: _____ Fax Number: _____

C. SOLAR CONTRACTOR/INSTALLER (AS APPLICABLE)

Company: _____

Mailing Address: _____

City: _____ County: _____ State: _____ Zip Code: _____

Phone Number: _____ Representative: _____

Email Address: _____ Fax Number: _____

D. NABCEP ACHIEVEMENT LEVEL (REQUIRED)

☐ Associate Level ☐ Installation Professional ☐ Technical sales

Certificate Number: _____

PART 2: TECHNICAL DATA

A. GENERATION TYPE

☐ Solar PV ☐ Wind ☐ Low-Impact Hydropower ☐ Biomass ☐ Other: _____

B. TVA PROGRAM

☐ Dispersed Power Production
☐ Other: _____

C. INSTALLATION INFORMATION

☐ Residential ☐ Non-Residential ☐ Other: _____ System Rating: _____ (kW DC) Annual Estimated Generation: _____ (kWh) Total System Cost (Required) $ _____

Point of Interconnection: ☐ Load Side Customer Panel ☐ Line Side Overhead
☐ Line Side CT Cabinet ☐ Line Side Pad Mounted Transformer
☐ Other _____

D. INVERTER DATA (IF APPLICABLE)

Manufacturer: _____ Model: _____

Rated Power Factor (%): _____ Rated Voltage (Volts): _____ Rated Amperes: _____

Inverter Type (ferroresonant, step, pulse-width modulation, etc.): _____
Single or Three Phase _____ Type Commutation: Forced _____ Line _____

Harmonic Distortion: Maximum Single Harmonic (%) _____ Maximum Total Harmonic (%) _____ Fault Current: _____

☐ UL-1741 Compliant ☐ IEEE 1547 Compliant

PART 3: SUPPORTING DOCUMENTS

A. ONE LINE DIAGRAM

Please attach a detailed one-line diagram of the proposed facility, including wire and fuse sizes, major equipment (inverters, circuit breakers, protective relays, number and location of PV panels, etc.), and any other items pertaining to the system. For generation projects over 50kW, indicate interlocks and methods of operation to disconnect system from utility source upon loss of utility power.

B. SITE PLANS

Please attach a detailed site plan that includes physical address, both the revenue (billing) and generation meter locations, inverter locations, and panel locations. For generation projects over 50kW please provide AutoCAD files in state plane coordinates.

C. SPECIFICATIONS & DOCUMENTATION

In addition to the items listed above, please attach major equipment specification documentation, manufacturer cut sheets (inverter, PV panels, etc.), or test reports, etc., and any other applicable drawings or documents necessary for the proper design of the interconnection. Indicate which specific items are being used on all documentation.

Customer is responsible for compliance with both TVA and LCUB requirements applicable to the project type. Please refer to the TVA Guidelines for their program.

PART 4: PERMISSION TO INTERCONNECT

Customer must not operate its generating facility in parallel with LCUB's system until it receives written authorization for parallel operation from LCUB. Unauthorized parallel operation could result in injury to persons and/or damage to equipment and/or property for which Customer may be liable.

LCUB advises Customer and Contractor not to purchase or install any equipment until proper approval has been given in writing.

Customer agrees to provide LCUB with any additional information required to complete the interconnection.

PART 5: FEES

Customer's LCUB Electric Service Account Number, provided on this application, may be charged according to the Schedule of Fees and Charges for: a) upon application, a non-refundable application fee; b) upon interconnection, a turn-on fee; and c) where applicable, a Monthly meter reading fee until the Generation meter is removed. By signing below, I understand and agree to these charges.

Applicant	Date
Applicant	Date

For LCUB Use

Received by	**Date**	**Work Request No.**