NASHVILLE ELECTRIC SERVICE
APPLICATION FOR INTERCONNECTION
For NESolar Savings & NESolar Connect

Please email completed application to Renewables@NESPower.com or email us for information.

PART 1: CONTACT INFORMATION

A. CUSTOMER INFORMATION

Name: _____

(Must match name on NES Electric Service Account)

Site Address: _____

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

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

Phone Number: _____ Fax Number: _____

Mailing Address (If different): _____

Authorized Contact Email Address: _____

NOTE: The Authorized Contact name and email address provided in Part A must be for the Primary/Secondary Account Holder or Authorized Corporate Representative and will be used to communicate with the Account Holder and to obtain contract signatures electronically through DocuSign.

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 (RECOMMENDED)

☐ Associate Level ☐ Installation Professional ☐ Technical sales

Certificate Number: _____

PART 2: TECHNICAL DATA

A. GENERATION TYPE

☐ Solar PV ☐ Other: _____

B. NES PROGRAM

☐ NESolar Savings ☐ NESolar Connect

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

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 (Must Meet Both Requirements)

E. BATTERY DATA (IF APPLICABLE)

Manufacturer: _____ Model: _____

Battery Chemistry: _____ Peak Power (kW): _____

Rated Energy (kWh): _____ Usable Energy (kWh): _____ Cycle Life: _____

☐ DC Connected ☐ AC Connected

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. SITE PLACARD

Include documentation and location of placard showing final design for the site. Placard should include the system one line with all major equipment (solar panels, inverters, batteries, disconnects, customer load panels, billing meter, etc.). Placard showing only the equipment on a site layout will not suffice. Placard material must be sunlight-proof and weatherproof (stickers are not acceptable). Placard must be permanently installed with screws or rivets on, or within line of sight of, the utility solar disconnect switch. Finally, placard should list both the contractor and customer names and contact information for both.

D. 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 NES requirements applicable to the project type. Please refer to the NES Renewable Generation Project Guidelines, located at www.nespower.com.

E. ENGINEERING STUDY DOCUMENATION

A formal NES distribution engineering study may be required prior to approval of the system design. Additional documentation may be required and will be requested by NES on a case-by-case basis. Customer agrees to provide Distributor with any additional information required to complete the engineering study.

PART 4: PERMISSION TO INTERCONNECT

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

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

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

PART 5: FEE'S (AS APPLICABLE)

Where Fee's may apply customer's NES Electric Service Account Number, provided on this application, will be charged according to the NES Schedule of Fees and Charges. Upon application, a non-refundable application and engineering review charge may be required.

These charges can be reviewed at the following website:

NES Schedule of Fees and Charges

By signing below, I acknowledge that I have reviewed, understand, and agree to these charges and certify that I am the Primary/Secondary Account Holder or Authorized Corporate Representative for the NES Electric Service Account listed in this application.

Authorized Customer Signature/Primary Account Holder	Date
Authorized Customer Signature/Secondary Account Holder	Date

For NES Use

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