



Application for Operation of Small Photovoltaic System

This application should be completed and returned to the Peace River Electric Cooperative, Inc. Service representative in order to begin processing the request.

INFORMATION: This application is used by the Cooperative to determine the required equipment configuration for the Customer interface. Every effort should be made to supply as much information as possible.

**** Required information***

PART 1

***OWNER/APPLICANT INFORMATION**

Owner/Customer

Name: _____

Mailing Address: _____

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

Phone Number: _____ Representative: _____

Email Address: _____ Fax Number: _____

.....
***PROJECT DESIGN/ENGINEERING (ARCHITECT) (as applicable)**

Company: _____

Mailing Address: _____

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

Phone Number: _____ Representative: _____

Email Address: _____ Fax Number: _____

.....
***ELECTRICAL CONTRACTOR/INSTALLER (as applicable)**

Company: _____

Mailing Address: _____

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

Phone Number: _____ Representative: _____

Email Address: _____ Fax Number: _____

.....

***ESTIMATED LOAD AND SOLAR POWER RATING INFORMATION**

The following information is necessary to help properly design the Cooperative customer interconnection. This information is not intended as a commitment or contract for billing purposes.

Total Site Load _____ (kW) * Rated AC Power Output
Residential _____ Commercial _____ Industrial _____
Maximum Power (P_{max}) of PV system _____ (kW) Annual Estimated Generation _____ (kWh)
Number of PV modules _____ Power rating per module _____ (kW)

Mode of Operation:

Stand-alone System Grid-connected without Batteries *Grid-connected with Batteries

*If Grid-connected with Batteries:

*Battery Capacity _____ (Amp-hrs) *Rate of charge/discharge _____

.....

PART 2

***INVERTER DATA**

Manufacturer: _____ Model: _____
Rated Power Factor (%): _____ Rated Voltage (Volts): _____ Rated Amperes: _____
Inverter Type (ferroresonant, step, pulse-width modulation, Pure sine-wave): _____

Type commutation: forced line
Harmonic Distortion: Maximum Single Harmonic (%) _____
Maximum Total Harmonic (%) _____

Note: Attach all available calculations, test reports, and oscillographic prints showing inverter output voltage and current waveforms.

.....

***ADDITIONAL INFORMATION**

In addition to the items listed above, please attach the required items listed below including any of the following supporting documents as applicable: test reports, a detailed drawing showing physical equipment locations (not to scale) and any other applicable drawings or documents necessary for the proper design of the interconnection.

- * Detailed System One-line Diagram
- * Detailed System Specifications of PV Modules & Inverter (please identify model #)
- * Proof of Liability Insurance (see Interconnection Agreement)
- Other

SIGN OFF AREA

The customer agrees to provide the Cooperative with any additional information required to complete the interconnection. The customer shall operate his equipment within the guidelines set forth by the cooperative.

Applicant

Date

ELECTRIC COOPERATIVE CONTACT FOR APPLICATION SUBMISSION AND FOR MORE INFORMATION:

Cooperative contact: Paul Roberts
Title: Planning Engineer
Address: P. O. Box 1310
Wauchula, FL 33873
Phone: (863)-773-4116
Fax: (863)-767-4662
e-mail: paul.roberts@preco.coop

.....
To be completed by Peace River Electric Cooperative Personnel Only:

Customer Account Number _____

Location Number _____

Pole Number _____

Meter Number _____

Substation Name _____

Turtle Meter? yes no

Modified: 6/02/08

Rev. 1