



Instructions for the Completion of the WREC Application for Operation of Renewable Generation System (RGS)

This document defines how the application should be completed by the contractor and/or WREC member. The associated fields in the document shall be completed within the form and then saved as a PDF document. **Hand written or an image/picture of the application will NOT be accepted by WREC. If the application is not completed properly, this will delay the installation of the NET Meter.**

Applicant Information

- This is the information for the WREC Member's name, mailing address, phone number, email address, and account number. This information can be completed by the Contractor or the WREC Member.
 - The account number is located on the Member's monthly bill and is a 7-digit number. The account number is critical to ensure the application is filed correctly.
- Proof of \$1,000,000 liability insurance for any RGS system over 10.00 KW (AC).

Additional Information to be completed on the application

- The general Solar Contractor information will be kept on file by WREC.
 - Company name, license number, mailing address, phone number, representative, and email address.
 - Signature of Contractor Representative (either physical or digital).
- All RGS Systems will be compliant with IEEE-1547/UL-1741 for a Grid-Tied system.
- RGS System Type (Solar or Wind).
 - Number of Solar Panels and Size (Wattage) of each Solar Panel.
 - Wind Turbines use 1 for the # of panels and the Size (Wattage) of the Turbine.
- Residential or Commercial System.
- Battery Back Up System (Yes/No) will also be compliant with IEEE-1547/UL-1741.
- The Gross DC and AC Power Ratings in Kilowatts (KW), and the estimated Annual KWh (Kilowatt-hour) Output of the system will be calculated by the form.

Detailed Solar System One-Line Drawing

Engineering quality drawing in PDF format. **(No hand drawn One-Line diagrams or photographs will be accepted).**

- Electrical Diagram for the RGS System (document sent to the county for permitting).
- The number of solar panels and the size of each panel.
 - If the RGS is a wind turbine the size of the system.
- If a Battery Backup system is installed, the electrical interconnect, the size of the batteries and quantity. The interconnect should also be IEEE-1547/UL-1741 compliant.

The completed application and required documentation will be submitted in a single, multipage PDF document and sent along with the Net Metering Agreement to WREC's RGS application email address rgs@wrec.net. If the application and/or document package is incomplete, or the package is sent via US mail, it will take longer to process the application. WREC reserves the right to inspect each array and verify the equipment used, if necessary.



Application for Operation of Renewable Generation System (RGS)

For net metering service this application should be completed and returned via email to rgs@wrec.net along with the WREC Interconnection Agreement and supporting documentation.

Applicant Information

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number: _____

Email Address: _____

Cooperative Account Number: _____

Contractor Information

Company: _____

License #: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number: _____

Representative: _____

Email Address: _____

The Contractor certifies that the RGS has been tested and is compliant with UL-1741 and/or IEEE-1547 (2014).

Signature of Contractor: _____

System Information

System Type: Wind Solar # of Solar Panels _____ Wattage per Solar Panel _____

 Residential Commercial Battery Storage Yes No # of Batteries _____ Wattage _____

Gross DC Power Rating _____ (KW) Gross AC Power Rating _____ (KW)

Annual Estimated KWh Output _____

In addition to the items listed above, please attach the required items listed below.

- Detailed System One-line Diagram
 - Engineering quality drawing in PDF format. (No hand drawn diagrams will be accepted.)
- Detailed System Specifications of RGS Modules & Inverter in PDF format
- Proof of \$1,000,000 liability insurance for any RGS system over 10.00 KW (AC).

WREC reserves the right to inspect every RGS for compliance. Only after the system has been inspected and the size verified, will a net meter be installed.

Email the **completed application** and required System One-Line Diagram, **as a single, multipage document in PDF format**, to WREC's RGS application email address rgs@wrec.net. If the application and/or document package is incomplete, or the package is sent via US mail, it will take longer to process the RGS application.

If the RGS Contractor or Electrician needs access to the WREC meter can, contact the local WREC office to make arrangements for the seal to be removed. **IF THE SEAL IS REMOVED BY OTHER THAN WREC PERSONNEL, THERE WILL BE A \$100.00 TAMPERING CHARGE ASSESSED TO THE WREC MEMBER.**

If you have any technical questions please contact:

Dean Moore, Senior Electrical Engineer, P.E.
Phone: (352) 567-5133

INTERCONNECTION AND PARALLEL OPERATION OF RENEWABLE DISTRIBUTION GENERATION

This Interconnection and Parallel Operation of Renewable Distribution Generation Agreement (Interconnection Agreement) is made and entered into this _____ day of _____, 20____, by Withlacoochee River Electric Cooperative, (“Cooperative”), a corporation organized under the laws of the State of Florida, and _____, a Renewable Generation System(RGS) owner, (Consumer), each hereinafter sometimes referred to individually as “Party” or both referred to collectively as the “Parties”. In consideration of the mutual covenants set forth herein, the Parties agree as follows:

This agreement provides for the safe and orderly operation of the electrical facilities interconnecting the RGS at _____ to the electrical distribution facilities owned by the Cooperative.

This Agreement does not supersede any of the requirements contained within Cooperative By-Laws, applicable tariffs, riders, rates, rules and regulations. The Consumer should refer to the Cooperative By-Laws, the applicable tariff, the Net Metering Rider and any County, State of Florida, or Federal laws or regulations that may more specifically address requirements imposed upon a RGS system or its owners.

1. **Intent of Parties:** It is the intent of the Consumer to interconnect a RGS to the Cooperative’s electrical distribution system.

It is the intent of the Cooperative to operate the distribution system to maintain a high level of service to their customers and to maintain a high level of power quality.

It is the intent of both parties to operate their facilities in a way that ensures the safety of the public and their employees.

2. **Operating authority:** The Consumer is responsible for establishing operating procedures and standards in accordance with those of the Cooperative and the Manufacture’s recommendations for the operation of the RGS. The Consumer shall ensure that the Operator in Charge of the RGS is competent in the operation of the system and is aware of the provisions of any operating agreements and regulations relating to its safe operation.

3. **Suspension of interconnection:** It is intended that the interconnection should not compromise the Cooperative’s protection or operational requirements. The operation of the RGS and the quality of RGS energy supplied shall meet the standards as specified by the Cooperative. If the operation of the RGS or the quality of energy supplied by the RGS does not meet the standards of the Cooperative, then the Cooperative will notify the owner of the RGS to take reasonable and appropriate corrective action. The Cooperative shall have the right to disconnect the RGS until compliance is reasonably demonstrated. Notwithstanding, the Cooperative may in its

sole discretion disconnect the RGS from its Distribution Facility without notice if the operation of the RGS imposes a threat of damage, in the Cooperative's sole judgement, to life or property.

4. **Outages:** Maintenance outages will occasionally be required on the Cooperative's distribution system, and the Cooperative will provide as much notice and planning as practical. The Consumer shall not energize the Cooperative's system when the Cooperative's system is de-energized for any reason. There shall be no intentional islanding, as described in IEEE 1547, between the Consumer's and the Cooperative's system.

5. **Access:** Access is required at all times by the Cooperative and/or Seminole Electric to the RGS site for inspection, maintenance, operating and meter reading. The Cooperative and/or Seminole Electric reserve the right, but not the obligation, to inspect the RGS facilities or review any documentation associated with the RGS.

6. **Liability and Indemnification:** The Consumer shall assume all liability for and shall indemnify the Cooperative for any claims, losses, costs, and expense of any kind or character due to or in any way connected with the operation of the Consumer's equipment, its design, construction, or the negligence or the wrongful conduct of an operator.

7. **Term:** The Agreement becomes effective when executed by both Parties and shall continue in effect for one year and thereafter shall automatically renew for successive one-year periods. Service may be terminated at any time by the Cooperative in its sole discretion. The Consumer may terminate at any time with a thirty (30) day notice.

AGREED TO BY

RGS Owner/Operator

Cooperative

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____