

Satilla Rural Electric Membership Corporation

Distributed Generation Interconnection Process

STEPS TO INTERCONNECT DISTRIBUTED GENERATORS OF PEAK CAPACITY OF 20 KW OR LESS FOR RESIDENTIAL OR 100 KW OR LESS FOR NON-RESIDENTIAL

1. Request these documents from the Cooperative:
 - a) Distributed Generation Facility Interconnection Application;
 - b) Board Policy BP-380;
 - c) Distributed Generation Net Billing Service Rider; and
 - d) Drawing DG-OH and DG-UG.

After reviewing the documents, contact the Member Services department if needed to clarify the process before proceeding with the application submittal.
2. The Member should complete the Cooperative's Distributed Generation Facility Interconnection Application form at least 45 days prior to the date on which he/she wants to interconnect to the Cooperative system. Then the Member should submit this Application and all other information as indicated on the form and an application fee of \$100 to the Manager of Member Services at the address shown below.
3. A Cooperative representative will contact the Member regarding the application within 30 days after receipt of the items in Step #2 above. If the application meets all of the Cooperative's specifications, the representative will establish an appointment with the Member to address the next step.
4. The Cooperative representative will contact the Member to review a Distributed Generation Facility Interconnection Agreement. This Agreement is a document specifying all requirements of both the Member and the Cooperative in interconnecting the Distributed Generation Facility to the distribution system, including all costs that the Member must pay prior to interconnection. Before any other steps are taken, this Agreement must be executed by the Member and witnessed, and the Agreement along with the payment for the interconnection submitted to the address listed below.
5. After submitting the signed Agreement and payment, the Cooperative will proceed with the design and construction of its portion of the interconnection.
6. Upon completion of the construction, the Member should request jurisdictional approval to operate the generator. After obtaining the final permit, the Member should mail a copy of the final, signed, jurisdictional approval (permit) for the Distributed Generation Facility from the local government entity with jurisdiction over the project (generally the local building and inspections department), to the Cooperative.
7. After all documents, payments and permits are received and approved, the Cooperative will issue a written authorization for the Member, who may then proceed with parallel operation of the Distributed Generation Facility.

Submit all forms to:
Manager of Member Services
Satilla Rural Electric Membership Corporation
P.O. Box 906
Alma, GA 31510

**Satilla Rural Electric Membership Corporation
Distributed Generation Facility Interconnection Application**

A completed application and a \$100 application fee must be submitted to: Manager of Member Services, Satilla Rural Electric Membership Corporation, P. O. Box 906, Alma, GA 31510.

Section 1 – Contact Information

A. Applicant Information:

Name: _____
Mail Address: _____ City: _____ State: ____ Zip Code: _____
Phone Home: _____ Cell: _____ Work: _____
Email: _____ SREMC meter # _____
Map #: _____ Location #: _____

B. Facility Location (if different from above):

Name: _____
Mail Address: _____ City: _____ State: ____ Zip Code: _____
SREMC meter # _____ Map #: _____ Location #: _____

C. Contractor Information (Licensed Electrical Contractor Required)

Company Name: _____ Contact Name: _____
Mail Address: _____ City: _____ State: ____ Zip Code: _____
Phone Home: _____ Cell: _____ Work: _____
Email: _____ License #: _____

Section 2 – Generating Facility Information

Generator Type (check one): Solar ____ Wind ____ Fuel Cell ____ Hydro ____ Other ____
Generator Manufacturer: _____
Generator Model Name and Number: _____
Generator Power Rating (kW): _____
Total Generating Capacity at this location (kW): _____
Inverter Manufacturer: _____
Inverter Model Name/Number: _____
Inverter Power Rating (kW): _____ Number of Inverters: _____
Disconnect Switch Manufacturer/Model Number (AC): _____
Disconnect Switch Rating (AC): _____

Note: A detailed one-line diagram must be attached to completed application. The one-line diagram must show, at a minimum, any devices such as the service panel, disconnect switch, inverters, all generators, circuit breakers, etc. associated with the applicant's generating facilities and its interconnection to Satilla REMC's distribution system. All devices must be labeled with the electrical ratings (amps, volts, etc.) in accordance with the latest version of the NEC.

Section 3 – Satilla REMC Electrical Service

Type Service: Overhead ____ Underground ____ Amp Service – 200 ____ 300 ____ 400 ____ 600 ____ other _____

Section 4 – Installation Information

Proposed Installation Date: _____ Proposed Interconnection Date: _____

I hereby certify that, to the best of my knowledge, all of the information provided in this Application is true and correct.

Applicant Signature: _____ **Date:** _____

Approved by: _____ *Date:* _____
Director, Distribution Services

THE SATILLA RURAL ELECTRIC MEMBERSHIP CORPORATION
BOARD POLICIES
SERVICE, RATES, AND ENERGY MANAGEMENT

POLICY NUMBER: BP-380

SUBJECT: DISTRIBUTED GENERATION POLICY

PURPOSE: To establish the basic terms, conditions and other requirements for connecting Member-owned distributed generation to the Cooperative's distribution system and to provide for the billing of Excess Net Energy provided to the Cooperative by the distributed generation.

POLICY: **A. APPLICATION PROCESS**

A prospective Distributed Generation Owner/Operator ("DG Owner/Operator") intending to interconnect with the Cooperative's distribution system must:

1. Submit a completed Distributed Generation Facility Interconnection Application, including any attachments and an application fee of \$100, to the Cooperative at least forty-five (45) days prior to the date the DG Owner/Operator intends to interconnect the Distributed Generation Facility to the Cooperative's electric distribution system.
2. The Cooperative will review the application and notify the prospective DG Owner/Operator within thirty (30) days if the application is approved or not approved. Any review or acceptance of the Application by the Cooperative shall not impose any liability on the Cooperative and does not guarantee the adequacy of the DG Owner/Operator's equipment to perform its intended function. The Cooperative disclaims any expertise or special knowledge relating to the design or performance of the Distributed Generation Facility and does not warrant the efficiency, cost effectiveness, safety, durability or reliability of that facility.

B. REQUIREMENTS FOR INITIAL INTERCONNECTION

1. Operation of a Distributed Generation Facility may begin on interconnected basis when each of the following is completed:
 - a. The Application Process set forth in Section A. has been completed.
 - b. The DG Owner/Operator has executed a Distributed Generation Facility Interconnection Agreement with the Cooperative and is in compliance with all requirements set forth therein including all applicable safety,

power quality, and interconnection requirements established by the National Electric Code, National Electric Safety Code, the Institute of Electrical and Electronic Engineers and Underwriters Laboratories. The Cooperative may adopt additional safety, power quality and interconnection requirements.

c. The DG Owner/Operator has paid all applicable facilities charges and fees to the Cooperative as set forth in the Distributed Generation Facility Interconnection Agreement.

d. The DG Owner/Operator has made all payments required by and has otherwise complied with the conditions for extension or modification of the Cooperative's distribution system as may be determined to provide the services herein and as set forth in the Cooperative's Service Rules and Regulations and Impact Fee Schedules.

e. The DG Owner/Operator has submitted to the Cooperative a copy of the final, signed, jurisdictional approval (Permit) for the Distributed Generation Facility from the local government entity with jurisdiction over the Distributed Generation Facility (generally the local building and inspection department).

f. The Cooperative has provided the DG Owner/Operator with written authorization for parallel operation of the Distributed Generation Facility.

C. METERING

The Cooperative will make the sole determination regarding what metering scheme will be used to measure the energy flows of the Member.

D. OBLIGATIONS TO PURCHASE ENERGY

For any given hour, if the electricity consumed by the Net Billing Customer exceeds the electricity generated by the Distributed Generation Facility, then all electricity generated by the Distributed Generation Facility shall be deemed to have been used by the Net Billing Customer.

For any given hour, if the electricity generated by the Member's Distributed Generation Facility exceeds the electricity consumed by the Net Billing Customer, then Excess Net Energy is available to the Cooperative.

The sum of all Excess Net Energy during the Billing Period shall be purchased by the Cooperative at the rate and under the conditions as provided under the Energy Purchase Rate of the Cooperative's Distributed Generation Net Billing Service Rider.

The Cooperative will purchase such energy from the aggregate of all qualified Distributed Generation Facilities interconnected to its distribution system on a first-come, first-served basis until the cumulative generating capacity of all the Distributed Generation Facilities equals 0.2 percent of the Cooperative's annual peak demand for the previous calendar year.

E. CHARGES FOR INTERCONNECTION, METERING AND MONTHLY ADMINISTRATION

The Cooperative will recover all its costs associated with the engineering, design, construction, installation, metering and interconnection of the Distributed Generation Facility with its distribution system as provided in the executed Distributed Generation Facility Interconnection Agreement between the Cooperative and the DG Owner/Operator. The Cooperative will not knowingly subsidize these interconnection costs from any member class or allocate these costs across other member classes.

The DG Owner/Operator shall be charged a Monthly Administrative Fee for providing net billing service as specified in the Cooperative's Distributed Generation Net Billing Service Rider.

Any future costs associated with changes to the facility, or changes for safety or system reliability purposes as required to meet regulations from a governing authority, shall be the sole responsibility of the DG Owner/Operator.

F. DEFINITIONS

Certain capitalized terms within this Board Policy are defined within the Cooperative's Distributed Generation Facility Interconnection Agreement and shall have the meaning as specified therein unless the context clearly indicates otherwise.

It shall be the responsibility of the President/CEO to see that the provisions of this policy are carried out.

August 26, 2010

Date Approved

Chairman of the Board

Secretary

THE SATILLA RURAL ELECTRIC MEMBERSHIP CORPORATION

SCHEDULE 23

DISTRIBUTED GENERATION NET BILLING SERVICE RIDER

AVAILABILITY

Available in all territory served by the Cooperative subject to the Cooperative's established Service Rules and Regulations.

APPLICABILITY

Applicable to any Member of the Cooperative owning and operating a Distributed Generation Facility, as defined in the Cooperative's Distributed Generation Facility Policy, who after successfully applying to interconnect to the Cooperative distribution system, executes a Distributed Generation Facility Interconnection Agreement with the Cooperative; provided that the capacity of a Distributed Generation Facility used by a residential customer shall not exceed a nominal 10 kW and the capacity of a Distributed Generation Facility used by a non-residential customer shall not exceed a nominal 100 kW. The total committed capacity of all generators subject to this schedule shall not exceed 0.2 percent (0.2%) of the Cooperative's annual peak demand for the previous year.

CONDITIONS OF SERVICE

The Net Billing Customer must have met all conditions as specified in the Cooperative's Distributed Generation Facility Policy.

METERING

The metering of the energy will be in accordance with the Service Rules and Regulations, and the standards of the Cooperative.

DISPOSITION OF EXCESS NET ENERGY

For any given hour, if the electricity generated by the Member's Distributed Generation Facility exceeds the electricity consumed by the Net Billing Customer, then Excess Net Energy is available to the Cooperative. The sum of all Excess Net Energy during the Billing Period shall be purchased by the Cooperative at the rate and under the conditions as provided herein.

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SCHEDULE 23
DISTRIBUTED GENERATION NET BILLING SERVICE RIDER
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RATES AND CHARGES FOR NET BILLING SERVICE

Facilities Charge

A facilities charge based on the total cost of all facilities installed by the Cooperative for the Distributed Generation Facility will be calculated and due prior to construction of the interconnection. Such facilities charges may include equipment and labor charges associated with upgrades to the Cooperative's distribution system for personnel protection, distribution facilities protection and/or assurance of power quality directly associated with the installation of proposed Distributed Generation Facility.

Standard Rate

Each Net Billing Customer shall be charged for electric service under that rate schedule which would otherwise be applicable if the customer was not a Net Billing Customer. In addition the following rates and charges apply.

Monthly Administrative Charge

Irrespective of the amount of monthly energy provided by the Distributed Generation Facility, each Net Billing Customer shall pay a Monthly Administrative Charge of \$ 7.50.

Energy Purchase Rate

The rates paid for the Excess Net Energy purchased by the Cooperative shall be based upon the Cooperative's avoided cost of energy. The avoided cost of energy shall be applied monthly as follows:

All Months @ \$0.04 per kWh

The rate may be adjusted annually at the sole discretion of the Cooperative to reflect the prevailing avoided costs of purchased energy.

TERM OF SERVICE

The term of service shall be that set forth in the executed Distributed Generation Facility Interconnection Agreement.

Effective Date: December 1, 2010