

**TIDELAND ELECTRIC MEMBERSHIP CORPORATION
PANTEGO, NORTH CAROLINA**

**SMALL RENEWABLE GENERATION PURCHASED POWER
SCHEDULE SRG for generation up to 50 kW**

AVAILABILITY:

Available only to members located in the Cooperative's service territory which have facilities fueled by trash or methane derived from landfills, hog waste, or poultry waste; or other renewable generating facilities such as photovoltaic (PV), wind, fuel cells, or micro-turbines contracting to sell generating capacity and energy not in excess of 50 kW, which are interconnected directly with the Cooperative's system. This Schedule is available in conjunction with any of the Cooperative's Residential or Small General Service schedules where consumer-owned renewable generation is connected in parallel with the Cooperative's electric system. Renewable generation connected in parallel with the Cooperative's facilities must have safety, system protection, and power quality equipment installed and operated in accordance with rules of the Cooperative.

Consumers receiving service under this Schedule must have their renewable generation registered with the North Carolina Utilities Commission. Service under this Schedule shall be available in all territory served by the Cooperative only under written contract and shall be subject to the Cooperative's established Service Rules and Regulations as filed with the North Carolina Utilities Commission.

Service necessary for the delivery of the member's power into the Cooperative's system under this Schedule shall be furnished solely to the individual contracting member in a single enterprise, located entirely on a single, contiguous premise. Service hereunder shall be restricted to the capacity of the member's generating facilities which may be operated in parallel with the Cooperative's system. Service necessary to supply the member's total load requirements other than auxiliary load, and service necessary to supply the member's auxiliary load when the member's generating facilities are not operating, shall be billed at the member's applicable rate schedule, increased or decreased in accordance with the Wholesale Power Cost Adjustment Schedule. Power delivered to the Cooperative under this Schedule shall not offset or be substituted for power contracted for or which may be contracted for under any other schedule of the Cooperative.

The obligations of the Cooperative in regard to service under this Schedule are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises, and permits for such service. The Cooperative shall not be liable to any member or applicant for power in the event it is delayed in, or is prevented from purchasing power by its failure to secure and retain such rights-of-way, rights, privileges, franchises, and permits.

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CHARACTER OF SERVICE:

Service shall be provided at one point of delivery through single or multiple meters at one of the following voltages. Standard service shall be single-phase, 120/240 Volts, and 60 Hz. Three-phase service may be provided where available. Where three-phase service is available, voltages may be:

208/120 Volts, 4-Wire wye
480/277 Volts, 4-Wire wye

Service at other voltages may be available, at the option of the Cooperative.

MONTHLY RATE:

Administrative Charge	\$5.00 per month
Interconnection Facilities Charge ¹ :	\$ 3.75 per month
Energy Credit	
All Energy per Month:	5.21¢ per kWh

¹ The Interconnection Facilities Charge may be increased according to the provisions of the paragraph entitled "Interconnection Facilities Charge" below.

INTERCONNECTION FACILITIES CHARGE:

The member shall be responsible for providing suitable control and protective devices on their equipment to assure no disturbance to other members of the Cooperative or to the Cooperative itself, and to protect the member's facilities from all loss or damage which could result from operation with the Cooperative's system. All interconnection equipment, including control and protective devices, must meet or exceed the National Electric Code (NEC), National Electric Safety Code (NESC), and Institute of Electrical and Electronics Engineers (IEEE) Standards.

The Cooperative will furnish, install, own, and maintain all distribution, service, and interconnection related facilities necessary for service under this Schedule. Interconnection facilities include suitable control and protective devices installed on Cooperative equipment to allow operation of the member's generating facilities; metering facilities equipped to prevent reverse registration for the measurement of service under this Schedule; and any other modifications to its system required to serve the member under this Schedule as determined by the Cooperative.

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All such distribution, service, and interconnection related facilities shall be subject to a monthly Interconnection Facilities Charge. The monthly Interconnection Facilities Charge shall be the greater of the:

1. Facilities Charge stated above,
2. Two percent of the installed cost of the distribution, service, and interconnection related facilities, or
3. If the member makes an up-front contribution-in-aid of construction for all or a portion of the estimated cost of the facilities, one percent times the contribution-in-aid amount.

The Cooperative reserves the right to install facilities necessary for the appropriate measurement of service under this Schedule and to adjust the Interconnection Facilities Charge accordingly, solely at the option of the Cooperative.

POWER FACTOR CORRECTION:

When the average monthly power factor of the power supplied by the member to the Cooperative is less than 97 percent or greater than 100 percent, the Cooperative may correct the energy, in kilowatt-hours, as appropriate. The Cooperative reserves the right to install facilities necessary for the measurement of power factor and to adjust the Interconnection Facilities Charge accordingly, solely at the option of the Cooperative.

RENEWABLE ENERGY CERTIFICATES:

Payments and/or credits for the renewable energy certificates (RECs) and any environmental attributes produced as a result of the energy generated by the renewable generation shall be negotiated between the consumer and the Cooperative on a case-by-case basis, with the Cooperative having the first right of refusal. The negotiated price shall be based upon the type of generation and the market for similar certificates at the time the generation comes online.

METERING REQUIREMENTS:

The Cooperative will furnish, install, own, and maintain metering to measure the kilowatt-hours delivered by the Cooperative to the consumer, and if applicable, the kilowatt demand. The Cooperative will also furnish, install, own, and maintain additional metering equipment to measure the kilowatt-hours delivered from the consumer to the Cooperative. The consumer's service may be metered with: (a) a single, bi-directional meter, which records independently the flow of electricity in each direction through the meter; or (b) at the Cooperative's option, two meters, equipped to prevent reverse registration, one which will measure the energy delivered by the Cooperative to the consumer, and the other which will measure the energy delivered by the consumer to the Cooperative. The Cooperative shall have the right to install special metering and load research devices on the consumer's equipment and the right to use the consumer's telephone line for communication with the Cooperative's and the consumer's equipment.

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PAYMENTS:

Credit billings to the member shall be payable to the member within twenty-five (25) days of the date of the scheduled meter reading.

SAFETY, INTERCONNECTION, AND INSPECTION REQUIREMENTS:

This Schedule is only applicable for renewable generation that complies with the Cooperative's interconnection requirements, along with any IEEE, NESC, and NEC standards related to interconnecting to public utilities. In order to ensure protection of the Cooperative's system, the Cooperative reserves the right, at its discretion, to inspect the consumer's renewable generation at any time upon reasonable notice to the consumer in an effort to ensure compliance with the Interconnection Standards. The Cooperative reserves the right to disconnect electric service to any premises if the Cooperative determines that the renewable generation is not in compliance with the Interconnection Standard and is being operated in parallel with the Cooperative's system.

The consumer must enter into a specific contract providing for interconnection to the Cooperative's system whereby the consumer shall be responsible for providing suitable control and protective devices on its equipment to assure no disturbance to other consumers of the Cooperative, or to the Cooperative itself, and to protect the consumer's facilities and the Cooperative's facilities from all loss or damage that could result from operation in parallel with the Cooperative's system.

The consumer shall be responsible for any costs incurred by the Cooperative pursuant to the Interconnection Standard. The Cooperative reserves the right to require additional interconnection facilities, furnished, installed, owned and maintained by the Cooperative, at the consumer's expense, if the consumer's renewable generation, despite compliance with the Interconnection Standard, causes safety, reliability or power quality problems.

The consumer shall obtain and retain, for as long as the consumer's renewable generation is interconnected with the Cooperative's system, comprehensive general liability insurance with limits of at least \$100,000 per occurrence which protects the consumer from claims for bodily injury and/or property damage. This insurance shall be primary for all purposes. The consumer shall provide certificates evidencing this coverage as required by the Cooperative. The Cooperative reserves the right to refuse to establish, or continue the interconnection of the consumer's renewable generation with the Cooperative's system, if such insurance is not in effect.

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CONTRACT PERIOD:

Each consumer shall enter into a contract for a minimum original term of one (1) year and thereafter either party may terminate the contract by giving at least sixty (60) days notice of such termination in writing. The Cooperative reserves the right to offer a contract for a longer original term of years as specified in the individual contract with the consumer. Following the initial term, the Monthly Rate as from time to time amended by the Cooperative's Board shall apply to all power purchased by the Cooperative until superseded by a new contract.

The Cooperative reserves the right to terminate the member's contract under this Schedule at any time upon written notice to the member in the event that the member violates any of the terms or conditions of this Schedule or operates its generating facilities in a manner which is detrimental to the Cooperative or any of its members or fails to deliver energy to the Cooperative for six (6) consecutive Months. In the event of early termination of a contract under this Schedule, the member will be required to pay the Cooperative for costs due to such early termination.

DEFINITIONS:

Auxiliary Load: The term "Auxiliary Load" shall mean power used to operate auxiliary equipment in the facility necessary for power generation (such as pumps, blowers, fuel preparation machinery, and exciters).

Month: The term "Month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing, such readings being taken once per month.

Renewable Generation: for purposes of this Schedule, "Renewable Generation" shall be defined as small-scale (100 kW or less), environmentally friendly technologies – such as photovoltaic (PV), fuel cells, micro-turbines, biomass-fueled, or small wind turbines that are installed on a single-user's site.

IEEE: Institute of Electrical and Electronics Engineers

NESC: National Electrical Safety Code

NEC: National Electric Code