

**SURRY-YADKIN ELECTRIC MEMBERSHIP CORPORATION**  
**DOBSON, NORTH CAROLINA**  
**RATE RIDER RG**  
**Renewable Generation Rider**

**AVAILABILITY**

This Rider is available in conjunction with any of the Cooperative's retail rate schedules, except the Single-Phase Time-of-Day Service schedule, for consumers who have an Eligible Qualifying Facility of 25 kW or less interconnected directly with the Cooperative's system and who have contracted to sell some or all generator capacity and energy to the Cooperative. If the cooperative is purchasing all generator capacity and energy, the maximum size of a generator interconnected to the Cooperative's system will be limited by the impact the generator is anticipated to have on the Cooperative's system based upon its location on the system and the results of an Engineering Study commissioned by the Cooperative and paid for by the consumer. If the consumer is using the generator to supply some of its own load and the Cooperative is purchasing the net capacity and energy, the maximum size of the generator shall be 25 kW. In order to be considered an Eligible Qualifying Facility the generator must be hydroelectric or fueled by trash or methane derived from landfills, hog waste, poultry waste, non-animal biomass, solar, or wind and meets the definition of a Qualifying Facility as defined by the Federal Energy Regulatory Commission's (FERC) Order No. 70 under Docket RM79-54.

Service necessary for the delivery of the consumer's power into the Cooperative's system under this schedule shall be furnished solely to the individual contracting consumer in a single enterprise, located entirely on a single, contiguous premise. Prior to receiving service under this schedule the consumer must have a signed "Standard Interconnection Agreement" between the consumer and 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 consumer 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. Consumers receiving service under this schedule must have their renewable generation registered with the North Carolina Utilities Commission prior to connecting to the Cooperative's system.

If the consumer requires supplemental, standby, or interruptible service, the consumer shall enter into a separate service agreement with the Cooperative in accordance to the Cooperative's applicable electric rates, riders, and established Service Rules and Regulations as filed with the North Carolina Utilities Commission.

**CHARACTER OF SERVICE**

Service shall be provided at one point of delivery through a single meter 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 at 208/120 Volts or 480/277 Volts. Other voltages may be available with prior approval of the Cooperative.

**MONTHLY RATE**

Interconnection Facilities Charge:	Amount calculated per next paragraph.
Supplemental Facilities Charges:	
0 – 25 kW (nameplate capacity)	\$ 3.75 per month
Over 25 kW (nameplate capacity)	\$10.00 per month
Energy Credit <sup>1</sup>	
Per kWh <sup>2</sup> per Month:	5.20 ¢ per kWh

<sup>1</sup> If the capacity of the consumer’s generator is less than 500kW, the energy output from the generator will be credited to the consumer by the Cooperative at the energy credits shown above. If the capacity of the consumer’s generator is 500kW or above, the energy output of the generator will be purchased by Cooperative’s wholesale power provider at its avoided cost.

<sup>2</sup> If the consumer is using the generator to supply some of its own load and the Cooperative is purchasing the net capacity and energy, then the monthly kWh used in the credit calculation is the total kWh generated minus the kWh used by the consumer.

**INTERCONNECTION FACILITIES CHARGE**

The consumer shall be responsible for providing suitable control and protective devices on their equipment to assure no disturbance to other consumers of the Cooperative or to the Cooperative itself and for protecting the consumer’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 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 consumer’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 consumer under this schedule as determined by the Cooperative.

Prior to installation, the consumer shall be responsible for paying the Cooperative a contribution- in-aid of construction equal to the estimated installation cost of all distribution, service, metering, and interconnection related facilities that must be installed by the Cooperative to serve the generator. All such facilities shall be subject to a monthly Interconnection Facilities Charge which shall be the installed cost of the Cooperative’s facilities necessary to serve the generator times 1.0% per month.

**POWER FACTOR CORRECTION**

When the average monthly power factor of the power supplied by the consumer to the Cooperative is less than 95 percent lagging or less than 100 percent leading, the Cooperative may correct the energy, in kilowatt-hours, as appropriate. The Cooperative reserves the right to install facilities necessary for the measurement and correction 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 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. Consumers receiving compensation for RECs from the Cooperative shall not be eligible to participate in NC GreenPower's renewable generation program.

**DEFINITIONS**

Nameplate Capacity: The term "Nameplate Capacity" shall mean the maximum continuous electrical output capability of the generator(s) at a power factor of ninety-seven percent (95%).

Capacity: The term "Capacity" shall mean the Nameplate Capacity of the consumer's generating facilities, less the portion needed to serve the generating facilities' Auxiliary Load. Auxiliary Load: The term "Auxiliary Load" shall mean power used to operate auxiliary equipment in the facility necessary for power generation (pumps, blowers, fuel preparation machinery, exciters, etc.).

Month: The term "Month" shall mean the period intervening between meter readings for the purposes of monthly billing.

**PAYMENTS**

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

**SALES TAX**

Any applicable State and local sales taxes will be added to all services billed under this schedule.

**RATE UPDATES**

Administrative Charges and Energy Credits of this schedule may be updated on an annual basis. Any changes in the Energy Credits will be based upon changes in the avoided cost of the Cooperative's wholesale power supplier.