

**NET METERING SERVICE**  
**SCHEDULE "NMS"**

**Availability of Service**

Available to residential and general service customers who own and operate an eligible electric generating facility designed to operate in parallel with the Cooperative system. Customers served under this tariff must also take service from the Cooperative under the applicable standard service tariff. The total rated generating capacity of all customers served under this tariff shall be limited to three percent (3%) of the Cooperative single hour peak load during the previous year, of which one-half percent (0.5%) is reserved for residential Customer-generators.

**Conditions of Service**

1. For the purposes of this tariff, an eligible Customer-generator must meet the definition of "Customer-generator as set forth in the Commission Rules Governing Electric Utility Net Metering Arrangements and Interconnections, 150 C.S.R. 33 ("Net Metering Rules").
2. A Customer-generator seeking to interconnect an eligible electric generating facility to the Cooperative system must submit to designated Cooperative personnel a completed interconnection application, and a one-line diagram showing the configuration of the proposed net metering facility. The Cooperative will provide copies of all applicable forms upon request.
3. An interconnection agreement between the Cooperative and the Customer-generator must be executed before the Customer-generator facility may be interconnected with the Cooperative system.
4. All generator equipment and installations must comply with the Cooperative's technical requirements. All generator equipment shall be installed in accordance with the manufacturer specifications as well as all applicable provisions of the National

## CRAIG-BOTETOURT ELECTRIC COOPERATIVE

### **SCHEDULE “NMS” (Continued)**

Electrical Code and state and local codes. All generator equipment and installations shall comply with all applicable safety, performance and power quality standards, established by the National Electrical Code, the Institute of Electrical and Electronic Engineers and accredited testing laboratories.

5. The Customer-generator shall provide the Cooperative proof of qualified installation of the Customer-generator facility. Certification by a licensed electrician shall constitute acceptable proof.
6. The Customer-generator shall install, operate, and maintain the Customer-generator facility in accordance with the manufacturer suggested practices for safe, efficient, and reliable operation in parallel with the Cooperative system.
7. The Cooperative may, at its own discretion, isolate any Customer-generator facility if the Cooperative has reason to believe that continued interconnection with the Customer-generator facility creates or contributes to a system of emergency.
8. The Cooperative may perform reasonable on-site inspections to verify the proper installation and continuing safe operation of the Customer-generator facility and the interconnection facilities, at reasonable times and upon reasonable advance notice to the Customer-generator.
9. A Customer-generator shall maintain general liability insurance providing the following coverage: 1) a Customer-generator with a Customer-generator facility with a nameplate capacity of up to 50kW shall maintain general liability insurance in the amount of one hundred thousand dollars (\$100,000); 2) a Customer-generator with a nameplate capacity of greater than 50kW and up to 500 kW shall maintain general liability insurance in the amount of five hundred thousand dollars (\$500,000); and 3) a Customer-generator with a Customer-generator facility with a nameplate capacity of greater than

## CRAIG-BOTETOURT ELECTRIC COOPERATIVE

### **SCHEDULE "NMS" (Continued)**

500 kW shall maintain general liability coverage in the amount of one million (\$1,000,000). The Customer-generator must submit evidence of such insurance to the Cooperative with the interconnection application. The Cooperative's receipt of evidence of liability insurance does not imply an endorsement of the terms and conditions of the coverage.

10. An eligible Customer-generator facility is transferable to other persons or service locations only upon written notification by the Customer-generator to the Cooperative and verification by a licensed electrician that the facility is in compliance with all applicable safety and power quality standards. All other conditions of service apply.

#### **Metering**

Net energy metering shall be accomplished by (i) using a standard meter capable of measuring the flow of electricity in two directions, or (ii) two separate meters. If offered to other customers in the same class as the Customer-generator, net energy flows may also be measured by time-of-day at the Customer-generator's option by (i) using a standard meter capable of measuring the flow of electricity in two directions by time-of-day, or (ii) two separate meters capable of measuring flows by time-of-day.

If the existing electrical meter installed at the Customer-generator facility is not capable of measuring the flow of electricity in two directions and by time-of-day as required above, the Cooperative shall install new metering equipment for the Customer-generator at Cooperative expense. Any subsequent metering equipment change necessitated by the Customer-generator shall be paid for by the Customer-generator.

If two meters are used to measure energy flows, for each applicable billing period including time-of-day billing periods, the reading of the meter measuring the flow of energy from the Customer-generator to the Cooperative shall be subtracted from the reading of the meter measuring the flow of energy from the Cooperative to the Customer-generator to obtain a measurement of net kW hours for billing purposes.

## CRAIG-BOTETOURT ELECTRIC COOPERATIVE

### **SCHEDULE “NMS” (Continued)**

#### **Monthly Charges**

Monthly charges shall be calculated using an identical rate structure to the structure that would apply to the customer if it were not a Customer-generator.

Measurement and Charges. The measurement of net electrical energy supplied or generated will be calculated as follows:

1. The net electrical energy produced or consumed during the billing period shall be measured in accordance with normal metering practices
2. The Cooperative shall credit a Customer-generator for each kW hour produced by an alternative or renewable energy resource installed on the Customer-generator side of the electric meter and delivered to the utility's electric distribution system through the Customer-generator's electric revenue meter, up to the total amount of electricity delivered by the utility to that customer during the billing period.
3. If a Customer-generator supplies more electricity to the electric distribution system than the Cooperative delivers to the Customer-generator in a given billing period, the excess kW hours shall be carried forward and credited against the Customer-generator usage in subsequent billing periods at the full retail rate. Provided that, if a Customer-generator terminates service with the electric utility, the utility is not required to provide compensation to the Customer-generator for any outstanding kW hour credits.
4. Rate credits shall not be applied to reduce any fixed monthly minimum bill, customer charge, demand charges or other charges not related to energy consumption.
5. For Customer-generators involved in virtual meter aggregation programs, a credit shall be applied first to the meter through which the Customer-generator facility supplies electricity to the distribution system, and then prorated equally to the remaining meters for the Customer-generator's accounts.

**SCHEDULE “NMS” (Continued)**

**Equipment Design Requirements**

Data for all major equipment proposed by the Customer to satisfy the Technical Requirements must be submitted for review and approval by the Cooperative with a completed interconnection application. To facilitate review and approval, the Cooperative will maintain a list of Pre-certified equipment.

The Cooperative List of Pre-certified equipment is available upon request and contains Pre-certified equipment types, makes, and models of manufactured generating equipment and interconnection system components. This listing is based upon equipment certified by recognized national testing laboratories as suitable for interconnection with a distribution system based upon compliance with IEEE 1547.

The use of equipment that is not pre-certified may delay the Cooperative review and approval of the customer's design. All interconnection equipment must be approved by the Cooperative prior to being connected to the Cooperative distribution system and before parallel operation is allowed.

The interconnection system hardware and software design requirements in the Technical Requirements are intended to assure protection of the Cooperative's distribution system.