

**BLUE RIDGE ELECTRIC COOPERATIVE, INC. (“COOPERATIVE”)  
PICKENS, SC  
RIDER FOR INTERCONNECTED SMALL MEMBER-OWNED RENEWABLE GENERATION  
(UP TO 20 KW RESIDENTIAL/100 KW NONRESIDENTIAL)**

**APPLICABILITY**

Available to residential and general service or commercial members receiving concurrent service through the Cooperative’s Residential Rate Schedules R and EC, and the Cooperative’s General Service Rate Schedules GS and LP, and who own and operate a solar photovoltaic, wind-powered, biomass-fueled, or micro-hydro generating system (“generating system”) located and used at the member’s primary legal residence or business where a part or all of the electrical requirements of the member can be supplied from the member’s generating system. This Rider applies to all such generation first interconnected to the Cooperative’s distribution system on or after August 1, 2018.

**GENERAL PROVISIONS**

1. To qualify for this Rider, the member must first qualify for and be served under one of the rate schedules referenced in the Applicability section above, and meet all other qualifications set forth in the Availability section.
2. All provisions of the applicable residential or general service rate schedules will apply to service supplied under this Rider.
3. The rated capacity of the member’s generating system shall not exceed the lesser of (a) the member’s estimated maximum annual kilowatt demand or (b) 20 kilowatts<sub>ac</sub> for a residential system or 100 kilowatts<sub>ac</sub> for a nonresidential system.
4. The member’s generating system as must be manufactured, installed, and operated in accordance with governmental and industry standards, and must fully conform with the Cooperative’s Interconnection Standard (as defined below).
5. Eligibility for the BREC Value of Renewable Generation (as defined below) under this Rider is available on a first-come, first-serve basis, except that the total capacity of all retail member generating systems under this Rider shall not exceed 0.2% of the Cooperative’s hourly integrated peak load (“System Limit”), as measured at its distribution delivery points (or substations), for the prior calendar year. Member interconnection applications received by Cooperative after the System Limit has been reached will be subject to a replacement rider and/or rate schedule to be determined by the Cooperative, and member applicants subject to the new rider and/or rate schedule shall be notified in writing of such change.
6. The member must execute the Cooperative’s Interconnection Agreement prior to receiving service under this Rider. The Interconnection Agreement shall include a description of the conditions related to interconnection of the member generating system with the Cooperative’s electrical power system (“EPS”).
7. If the member is not the owner of the premises receiving electric service from the Cooperative, the Cooperative shall have the right to require that the owner of the premises give satisfactory written approval of the member’s request for service under this Rider.

## **SPECIAL PROVISIONS**

The Cooperative will furnish service in accordance with its standard specifications. Non-standard service will be furnished only when the member pays the difference in costs between non-standard service and standard service or pays to the Cooperative a monthly extra facility charge based on such difference in costs.

## **RATE**

The applicable rate per month shall be determined from the appropriate rate schedule referenced in the Applicability section above. The monthly bill shall be determined as follows:

1. The basis for member's monthly energy charges, basic facilities charges and, if any, demand charges, (such charges, collectively, the "Charges"), shall be the rates in the applicable rate schedule referenced in the Applicability section above.
2. For each billing period, the member's monthly energy consumption will be net metered against energy produced by member's generating system. Any energy production in excess of the member's energy consumption for that billing period will be credited by an amount per kilowatt-hour at the Cooperative's Value of Renewable Generation as determined in accordance with Exhibit A ("Excess Energy Credit"), up to the amount of the Charges for that billing period.
3. Excess Energy Credits that exceed the Charges for any billing period will be retained to offset Charges in future billing periods. Upon termination of this Rider or the member's disconnection of its generating system from the Cooperative's EPS (except for the Cooperative's termination of the member's interconnection for cause), the Cooperative shall issue a check to the member in the amount of any such retained Excess Energy Credit.
4. As of the Effective Date of this Rider, the Cooperative's Value of Renewable Generation is \$0.051/kWh.

## **ADDITIONAL FACILITIES**

Nothing herein shall be construed to prohibit or limit in any way the Cooperative's right to pass through to the member the cost and expense associated with modifications to the Cooperative's EPS necessary to accommodate interconnection of member's generating system. Such cost and expense will be assessed, agreed to and paid in accordance with the Interconnection Agreement executed between the Cooperative and the member.

## **METERING REQUIREMENTS**

The Cooperative will furnish, install, own and maintain metering to measure the net kilowatt-hours purchased by the member or delivered to the Cooperative and to measure the kilowatt demand delivered by the Cooperative to the member, if applicable under the member's rate schedule or riders. By agreeing to interconnection of its generating system, the member unconditionally consents and agrees to the installation and use of advanced metering infrastructure meters for measurement of consumption and generation, the specifications for which shall be determined in the Cooperative's sole discretion.

## **POWER FACTOR CORRECTION**

When the average monthly power factor of the electricity supplied by the member to the Cooperative is less than 90 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; provided, however, the Cooperative will not install such equipment, nor make power factor correction if the member's generating system is less than 20 kW and uses an inverter.

**TERM**

The member shall be bound by the terms of this Rider for a minimum of twelve (12) months, after which member may terminate its interconnection of its generating system subject to this Rider on sixty (60) days' written notice to Cooperative. Notwithstanding the foregoing, Cooperative reserves the right to establish and alter the BREC Value of Renewable Generation in accordance with Exhibit A to this Rider.

The Cooperative additionally reserves the right to terminate the member's entitlement to this Rider at any time upon written notice to the member if the member violates any of the terms or conditions of this Rider or operates the generating system and related equipment in a manner which is detrimental to the Cooperative or its other members (such termination, a termination for cause). In the event Cooperative terminates the member's entitlement to this Rider for cause during the member's first twelve (12) months of service hereunder, the member may be required to reimburse the Cooperative for the costs and expenses incurred resulting from such termination.

**SAFETY, INTERCONNECTION AND INSPECTION REQUIREMENTS**

This Rider is applicable only for installed generating systems and related equipment that comply with the Cooperative's Standard for Interconnecting Distributed Resources Up To 20 kW for residential system (or Up To 100 kW for a nonresidential system), each of which is referred to as the "Interconnection Standard" throughout this Rider.

The member must comply with the liability insurance requirements set forth in the Interconnection Standard and submit an application to interconnect its generating system in the appropriate form for the limits shown above, which must be accepted by the Cooperative, and pay an application fee in accordance with the Interconnection Standard.

**GENERAL TERMS AND CONDITIONS**

The Cooperative's Interconnection Standard, Interconnection Agreement, Service Rules and Regulations, and other General Terms and Conditions are incorporated herein by reference and are part of this Rider.

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**EXHIBIT A**

**BREC VALUE OF RENEWABLE GENERATION**

On or before October 31 of each calendar year, the Cooperative will provide a written statement to members subject to this Rider setting forth the BREC Value of Renewable Generation for the upcoming calendar year.

The Cooperative's determination of the BREC Value of Renewable Generation shall be generally consistent with the methodology employed by other electric power suppliers in South Carolina and is guided by principles set forth in the South Carolina Distributed Energy Resource Program Act, Chapter 27 of Title 58 of the South Carolina Code of Laws, as amended. The Cooperative's methodology for determining the BREC Value of Renewable Generation considers a number of cost component factors, including but not limited to the following, which shall be the credited amount for the excess energy produced by the member's generating system (expressed as \$/kWh):

- a. Avoided Generation Energy
- b. Avoided Generation Capacity
- c. Ancillary Services
- d. Transmission & Distribution Capacity
- e. Avoided Criteria Pollutants
- f. Avoided CO<sub>2</sub> Emission Costs
- g. Fuel Hedge
- h. Utility Integration & Interconnection Costs
- i. Utility Administrative Costs
- j. Environmental Costs