

**NET METERING RIDER - RESIDENTIAL**  
**(RIDER NM-R)**

**Availability** – This Rider is available on or after May 1, 2015, in conjunction with one of the Cooperative’s Residential Service schedules where customer-owned Renewable Generation is connected on the customer-side of the meter in parallel with the Cooperative’s electric system and is designed to offset a portion or all of the customer’s electrical requirements normally supplied by the Cooperative. For Customers choosing Option A or B as described herein, the nameplate rating of the Renewable Generation shall not exceed the lesser of the customer’s estimated maximum annual kilowatt demand or 10 kW. Effective after October 1, 2020 for customers choosing Option B as described herein, the nameplate rating of the Renewable Generation shall not exceed 25KW. The customer must own the property where the electrical service is received and delivered to the Cooperative. Renewable Generation connected in parallel with the Cooperative’s facilities must have safety, system protection, and power quality equipment installed and operated at the customer’s expense and in accordance with the rules of the Cooperative.

Service under this Rider shall be available in all territory served by the Cooperative and shall be subject to the Cooperative’s established Service Rules and Regulations as filed with the North Carolina Utilities Commission. The provisions of the Schedule with which this Rider is used are modified only as shown herein.

**Type of Service** – Standard service under this schedule shall be single-phase, 60-hertz alternating current, at one of the Cooperative’s standard secondary voltages.

**Rate - Monthly**

Basic Facilities Charge and other Charges:

The Basic Facilities Charge and all other Charges except as expressly set forth below, shall be the applicable charge from the residential rate schedule under which the customer’s residence is currently receiving service.

For the Standby Charge and Energy Charges associated with this Rider customers shall, upon application for service under this Rider, select between Option A and Option B below. Customers may, no more than once during any calendar year, switch Options upon providing sixty (60) days prior written notice to the Cooperative.

**Option A**

Standby Charge:

The monthly Standby Charge shall be the nameplate rating of the customer’s Renewable Generation times \$3.00 per kW.

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**Energy Charge (or Energy Credits):**

For customers generating power from Renewable Generation under Option A, Energy Charges shall be based on the kilowatt hours purchased from the Cooperative for the month a bill is rendered times the Energy Charge specified in the rate schedule under which the customer is currently receiving service. Energy Credits shall be based on the kilowatt hours delivered to the Cooperative for the month a bill is rendered times the Energy Charge specified in the rate schedule under which the customer is currently receiving service. In any billing month for which there is Net Excess Energy such that the Energy Credits exceed the Energy Charges, the customer shall receive a net Energy Credit. If such net Energy Credit in a billing month exceeds the sum of the Basic Facilities Charge, the Standby Charge and all other applicable charges, then the net Energy Credit, net of such charges, shall carry forward onto the following month's bill.

**Option B (available on and after July 1, 2018)**

**Standby Charge:**

There is no monthly Standby Charge for Option B.

**Energy Charge (or Energy Credits):**

For customers generating power from Renewable Generation under Option B, Energy Charges shall be based on the kilowatt hours purchased from the Cooperative for the month a bill is rendered times the Energy Charge specified in the rate schedule under which the customer is currently receiving service. Energy Credits shall be based on the kilowatt hours delivered to the Cooperative for the month a bill is rendered times the applicable Avoided Cost rate specified in the Cooperative's Rate Schedule AC. In any billing month for which there is Net Excess Energy such that the Energy Credits exceed the Energy Charges, the customer shall receive a net Energy Credit. If such net Energy Credit in a billing month exceeds the sum of the Basic Facilities Charge and all other applicable charges, then the net Energy Credit, net of such charges, shall carry forward onto the following month's bill.

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**Safety, Interconnection, and Inspection Requirements** – This Rider is only applicable for Renewable Generation that complies with the Cooperative’s Interconnection Standards, along with any IEEE, NESC, and NEC standards related to interconnecting to public utilities. Customer shall submit to Cooperative a Certificate of Completion, as well as a copy of the Report of Proposed Construction filed with the North Carolina Utilities Commission.

In order to ensure protection of the Cooperative’s system, the Cooperative reserves the right, at its discretion, to inspect the customer’s Renewable Generation at any time upon reasonable notice to the customer in an effort to ensure compliance with the Interconnection Standards. The Cooperative reserves the right to disconnect electric service to any premise 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 customer must enter into a specific contract providing for interconnection to the Cooperative’s system whereby the customer shall be responsible for providing suitable control and protective devices on its equipment to assure no disturbance to other customers of the Cooperative, or to the Cooperative itself, and to protect the customer’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 customer shall be responsible for any costs incurred by the Cooperative pursuant to the Interconnection Standards. The Cooperative reserves the right to require Excess Facilities, including additional interconnection facilities, to be furnished, installed, owned and maintained by the Cooperative, at the customer’s expense, if the customer’s Renewable Generation, despite compliance with the Interconnection Standards, causes or may cause safety, reliability or power quality problems.

The customer shall obtain and retain, for as long as the customer’s Renewable Generation is interconnected with the Cooperative’s system, comprehensive general liability insurance that protects the customer from claims for bodily injury and/or property damage. The minimum coverage shall be at a standard homeowner's insurance policy with liability coverage in the amount of at least \$100,000 per occurrence. The customer shall provide certificates evidencing this coverage as required by the Cooperative. The Cooperative reserves the right to refuse to establish or to discontinue the interconnection of the customer’s Renewable Generation with the Cooperative’s system, if such insurance is not in effect.

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**Metering Requirements** – The Cooperative will furnish, install, own, and maintain metering to measure the kilowatt-hours delivered by the Cooperative to the customer, and if applicable, the kilowatt demand. The Cooperative may also furnish, install, own, and maintain additional metering equipment to measure the kilowatt-hours delivered from the customer to the Cooperative. The Cooperative shall have the right to install special metering and load research devices on the customer’s equipment.

**Definitions**

**Renewable Generation** – For purposes of this Rider, Renewable Generation shall be defined as small-scale (10 kW or less) energy generators that use environmentally friendly technologies – such as photovoltaic (PV), fuel cells, micro-turbines, biomass-fueled, or small wind turbines – as their fuel source, that are eligible for “qualifying facility” or “QF” status under federal law, and that are installed on and designed to serve a single user’s residential site.

**Excess Energy** – Excess Energy shall be defined as energy produced by the customer’s Renewable Generation that exceeds the energy used by the customer at any given time, the end result of which would be energy delivered to the Cooperative. Net Excess Energy shall mean the positive amount by which the Excess Energy delivered by customer to the Cooperative in a billing period exceeds the amount of energy delivered by the Cooperative to the customer in the same billing period.

**Excess Facilities** – Excess Facilities are defined as those facilities that are in addition to those necessary for delivery of service at one point, at one voltage, in accordance with the normally applicable residential rate schedule, and which the Cooperative must furnish, install, own, and maintain in order to serve the Renewable Generation.

**Service Term** – Either the customer or the Cooperative may terminate service under this Rider by giving at least a sixty (60) day notice of such termination in writing. The Cooperative further reserves the right to terminate the customer’s service under this Rider at any time upon written notice to the customer in the event that the customer violates any of the terms or conditions of this Rider or operates the Renewable Generation system in a manner which is detrimental to the Cooperative or any of its customers.

**Renewable Energy Certificates** – Renewable Energy Certificates (RECs) and any other environmental attributes produced as a result of the energy generated by the Renewable Generation shall remain the property of the customer unless otherwise agreed in writing between the customer and the Cooperative.