

**ROANOKE ELECTRIC COOPERATIVE**

**P. O. DRAWER 1326**

**AHOSKIE, NORTH CAROLINA 27910**

**RATE SCHEDULE**

**EC 31 SUB. 40**



**APPROVED BY BOARD OF DIRECTORS: May 31, 2016**  
**EFFECTIVE FOR BILLS RENDERED ON OR AFTER**  
**May 31, 2016**

**ROANOKE ELECTRIC COOPERATIVE, INC.**  
P.O. DRAWER 1326  
AHOSKIE, NC 27910

EC 31 SUB. 40

Original Date:	August	15, 1966
Effective Date:	October	01, 1966
Revised Date:	July	01, 1971
2 <sup>nd</sup> Revision:	April	01, 1973
3 <sup>rd</sup> Revision:	December	01, 1976
4 <sup>th</sup> Revision:	January	01, 1978
5 <sup>th</sup> Revision:	December	01, 1981
6 <sup>th</sup> Revision:	January	01, 1985
7 <sup>th</sup> Revision:	January	01, 1989
8 <sup>th</sup> Revision:	January	01, 1993
9 <sup>th</sup> Revision:	June	01, 1997
10 <sup>th</sup> Revision:	October	01, 2002
11 <sup>th</sup> Revision:	April	01, 2007
12 <sup>th</sup> Revision:	August	01, 2009
13 <sup>th</sup> Revision:	October	01, 2009
14 <sup>th</sup> Revision:	August	01, 2010
15 <sup>th</sup> Revision:	June	01, 2011
16 <sup>th</sup> Revision:	October	01, 2012
17 <sup>th</sup> Revision:	July	01, 2014
18 <sup>th</sup> Revision:	March	01, 2015
19 <sup>th</sup> Revision:	June	01, 2015
20 <sup>th</sup> Revision:	May	31, 2016

***NOTE:*** All rates are for approximate 30-day billing periods.

**ROANOKE ELECTRIC MEMBERSHIP CORPORATION**  
Ahoskie, North Carolina

**RIDER NB**  
**Net Metering Rider for Small Renewable Generation Systems**

**AVAILABILITY**

This Rider is available in conjunction with any of the Cooperative's Residential Service and Commercial Service schedules where a consumer-owned small renewable generator (wind, photovoltaic, biomass-fueled, hydro) is designed to offset portion or all of the consumer's electrical requirements normally supplied by the Cooperative, has been installed on the consumer-side of the meter, is interconnected with and operated in parallel with the Cooperative's electric distribution system, and the consumer's intent is to purchase all power requirements from the Cooperative net of any power generated by the consumer's renewable energy system in any given month. Service on this Rider shall only be available consumers who own the property where electrical service is received from and delivered to the Cooperative. The nameplate rating of the small renewable generator must be the lesser of: (1) the consumer's estimated maximum 15-minute integrated demand, (2) the consumer's Contract Demand, or (3) 25 kW. Small renewable generators' 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 Rider agree to assign the Renewable Energy Certificates (RECs) and all environmental attributes associated with the small renewable generator to the Cooperative

Service under this Rider 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. The provisions of the Schedule with which this Rider is used are modified only as shown herein.

**TYPE OF SERVICE**

Service under this schedule shall be single-phase at the voltage of 120/240 or three-phase at a voltage of either 120/208 or 240/480, 60 cycles. The type of service supplied will depend upon the voltage available. Prospective consumers should ascertain the available voltage by inquiring at the nearest Cooperative office before purchasing equipment. Three-phase voltage, other than the foregoing, is subject to mutual agreement between the Cooperative and the consumer. Other types of installations may be permitted, subject to approval by the Cooperative.

**RATE**

The following charges and credits will be added to the consumer's monthly bill:

Supplemental Monthly Basic Facilities Charge:	\$3.75
---	--------

The monthly minimums bill for consumers receiving this service shall be no less than the Basic Facilities Charge in the residential or commercial rate schedule with which this rate is

used, plus the supplemental Basic Facilities Charge as stated in this schedule.

### **METERING REQUIREMENTS**

The Cooperative will furnish, install, own, and maintain metering to measure energy (kilowatt-hours) delivered by the Cooperative to the consumer and the energy delivered from the consumer to the Cooperative. When a consumer requests that the Cooperative supply electric service in a manner that requires equipment and facilities beyond those which the cooperative would normally provide, and the Cooperative finds it practical to do so, such excess equipment and facilities will be provided as additional facilities at a cost to the consumer. Costs will be collected through additional facilities charges and/or contributions in aid-to-construction as agreed upon by the Cooperative and the consumer-owner. Due to the complexity and cost of some metering installations, the consumer should contact the Cooperative regarding different metering options prior to the purchase of equipment.

### **INTERCONNECTION REQUIREMENTS:**

The consumer must submit an application to interconnect the small generation system which must be approved by the Cooperative. Upon approval of the application, and prior to interconnection to the Cooperative's electrical system, the consumer must sign an interconnection agreement certifying:

1. All renewable energy systems equipped with a voltage inverter, shall be manufactured, installed, and operated in compliance with Underwriters Laboratory (UL) standard 1741 for distributed generation and has been identified and listed as "utility-interactive".

(Note: Induction type generators shall be approved on a case by case basis.)

2. That the system installation complies with the National Electric Code (NEC) and all applicable codes and that the system has been inspected and approved by the electrical inspector having legal jurisdiction.
3. The system shall be installed, operated, and maintained in accordance with the manufacturer's, government, and industry standards and specifications.
4. The system shall be installed, operated, and maintained in accordance with the Cooperative's Bylaws and Service Rules and Regulations and the Small Generation Interconnection Agreement at all times.

The contract period for service under this Rider shall be one (1) year and thereafter shall be automatically renewed or successive one-year periods, subject to the rates availability and terms of the Small Generation Interconnection Agreement. Service may be terminated by the consumer-owner or the Cooperative in accordance with the terms as stated in the interconnection agreement. The Cooperative reserves the right to inspect the consumer's small generation system at any reasonable time and to immediately disconnect the consumer's system without providing prior notice should it be necessary to address a hazardous condition or for failure to comply with any of the specifications and requirements as stated in the Small Generation Interconnection Agreement.