

# RATE SCHEDULES OF

**BRUNSWICK  
ELECTRIC**



**Membership Corporation**

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A Touchstone Energy<sup>®</sup>  
Cooperative



**DOCKET EC-40, SUB. 32**  
Effective Date – July 1, 2015

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**RATE SCHEDULES**

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**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**RESIDENTIAL SERVICE  
SCHEDULE R  
Rate 1**

**AVAILABILITY:**

This Schedule is available in all of the territory served by the Cooperative for residential use in one dwelling, such as a single-family residence or manufactured home, or one unit in a multifamily apartment or condominium building. The Cooperative will provide service through one meter at one delivery point mutually satisfactory to the Cooperative and Member.

Service under this schedule is subject to provisions of the Cooperative's Service Rules and Regulations, which may be amended from time to time.

**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.

**MONTHLY RATE:**

Basic Facilities Charge: \$ 23.00 per month

Energy Charge:  
All kWhs 9.69¢ per kWh

**MINIMUM MONTHLY CHARGE:**

Where the required transformer capacity does not exceed 25 kVA, the minimum monthly charge will be the Basic Facilities Charge. The minimum monthly charge shall be increased \$1.50 per kVA, or fraction thereof, for services that require transformer capacity in excess of 25 kVA.

**WHOLESALE POWER COST AND TIER ADJUSTMENT:**

Energy charges may be adjusted to recover changes in the purchased power costs from the Cooperative's wholesale power suppliers. Upon approval by the Board of Directors, the energy charges may also be adjusted to maintain the financial integrity of the Cooperative using a TIER Adjustment.

**POWER-STAT OPTION:**

For Member's choosing to purchase electricity under the Cooperative's Power-Stat option, the Basic Facilities Charge will be increased by \$3.00 per month to recover the additional costs of the equipment and administration.

**LOAD MANAGEMENT INCENTIVES:**

Water Heater Load Management – When service includes electric hot water heater(s), each of which is controlled under the Cooperative's load management program and total energy use is at least 500 kWh for the billing month, a load management credit of \$2.00 per month will be applied to the member's bill for the months the Cooperative operates its load management system.

## **BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

### **Rate Schedules**

#### **Residential Service - continued**

Load Management Incentives will become effective at the time the load management controls are installed by the Cooperative. Upon the Member's authorization, installation of the controls will be scheduled as soon as practical on a first-come, first-served basis. Controls will be installed at no cost to the Member, except when Reconnection Charges are applicable.

Operation of load management controls will be subject to verification periodically by the Cooperative. The Cooperative will notify the Member when verification is due. Failure of the Member to respond to written notification from the Cooperative to schedule an appointment for verification will result in termination of Load Management Incentives.

#### **DISCONNECTION OF LOAD MANAGEMENT EQUIPMENT:**

*Disconnection of load management equipment by anyone other than the Cooperative's representatives will subject Member to forfeiture and refund of previous Load Management Incentives to the maximum extent allowed by law and prosecution for meter tampering under North Carolina General Statute 14-151.1.*

#### **MINIMUM ANNUAL CHARGE FOR SERVICE:**

Service is available under this Schedule for continuous year-round electrical service for a minimum term of twelve months. Member's requesting their service to be reconnected, after having been disconnected for less than twelve months, shall be responsible for paying the greater of the monthly minimum or Basic Facilities Charges times the number of months the service was disconnected.

#### **RECONNECTION CHARGES:**

If load management controls are removed and the Member requests reconnection within three years of disconnection, a separate Reconnection Charge of \$100.00 will be applicable in addition to any other charges.

#### **SALES TAX:**

Any applicable state and local taxes will be added to charges for service.

#### **TERMS OF PAYMENT:**

The bill is due upon receipt. In the event the current bill is not paid within 15 days from the date of the bill, the cooperative will use collection procedures as provided in the Rules and Regulations.

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**SINGLE-PHASE GENERAL SERVICE  
SCHEDULE A  
Rate 10**

**AVAILABILITY:**

This Schedule is available throughout the Cooperative's service area for all single-phase non-residential electric service.

Service under this schedule is subject to provisions of the Cooperative's Service Rules and Regulations, which may be amended from time to time.

**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.

**MONTHLY RATE:**

Basic Facilities Charge:

Single-phase \$ 25.50 per month

Demand Charges:

First 15 kW of billed demand per month \$ 0.00 per kW

All kW over 15 of billed demand per month \$ 5.95 per kW

Energy Charges:

First 3,000 kWhs per month 10.16¢ per kWh

Next 7,000 kWhs per month 7.42¢ per kWh

All kWhs over 10,000 kWhs per month 6.44¢ per kWh

**BILLING DEMAND:**

The Billing Demand shall be the maximum registered or computed kW during any 15-minute interval within the current billing month.

**MINIMUM MONTHLY CHARGE:**

Where the required transformer capacity does not exceed 50 kVA, the minimum monthly charge will be the Basic Facilities Charge. The minimum monthly charge shall be increased \$1.50 per kVA, or fraction thereof, for services that require transformer capacity in excess of 50 kVA.

**WHOLESALE POWER COST ADJUSTMENT:**

Energy charges may be adjusted to recover changes in the purchased power costs from the Cooperative's wholesale power suppliers. Upon approval by the Board of Directors, the energy charges may also be adjusted to maintain the financial integrity of the Cooperative using a TIER Adjustment.

## **BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

### **Rate Schedules**

#### **Single-Phase General Service - continued**

#### **MINIMUM ANNUAL CHARGE FOR SERVICE:**

Service is available under this Schedule for continuous year-round electrical service for a minimum term of twelve months. Member's requesting their service to be reconnected, after having been disconnected for less than twelve months, shall be responsible for paying the greater of the monthly minimum or Basic Facilities Charges times the number of months the service was disconnected.

#### **LOAD MANAGEMENT INCENTIVES:**

Water Heater Load Management – When service includes electric hot water heater(s), each of which is controlled under the Cooperative's load management program and total energy use is at least 500 kWh for the billing month, a load management credit of \$2.00 per month will be applied to the member's bill for the months the Cooperative operates its load management system.

Load Management Incentives will become effective at the time the load management controls are installed by the Cooperative. Upon the Member's authorization, installation of the controls will be scheduled as soon as practical on a first-come, first-served basis. Controls will be installed at no cost to the Member, except when Reconnection Charges are applicable.

Operation of load management controls will be subject to verification periodically by the Cooperative. The Cooperative will notify the Member when verification is due. Failure of the Member to respond to written notification from the Cooperative to schedule an appointment for verification will result in termination of Load Management Incentives.

#### **DISCONNECTION OF LOAD MANAGEMENT EQUIPMENT:**

*Disconnection of load management equipment by anyone other than the Cooperative's representatives will subject Member to forfeiture and refund of previous Load Management Incentives to the maximum extent allowed by law and prosecution for meter tampering under North Carolina General Statute 14-151.1.*

#### **SALES TAX:**

Any applicable state and local taxes will be added to charges for service.

#### **TERMS OF PAYMENT:**

The bill is due upon receipt. In event the current bill is not paid within 15 days from the date of the bill, the Cooperative will use collection procedures as provided in the Rules and Regulations.

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**THREE-PHASE GENERAL SERVICE  
SCHEDULE B  
Rate 6**

**AVAILABILITY:**

This Schedule is available throughout the Cooperative's service area for all three-phase non-residential electric service.

Service under this schedule is subject to provisions of the Cooperative's Service Rules and Regulations, which may be amended from time to time.

**TYPE OF SERVICE:**

Standard service under this schedule shall be three-phase, 60-hertz alternating current, at one of the Cooperative's standard secondary voltages.

**MONTHLY RATE:**

Basic Facilities Charge:	
Three-phase	\$ 65.00 per month
Demand Charges:	
First 15 kW of billed demand per month	\$ 0.00 per kW
All kW over 15 of billed demand per month	\$ 5.95 per kW
Energy Charges:	
First 3,000 kWhs per month	10.16¢ per kWh
Next 7,000 kWhs per month	7.42¢ per kWh
All kWhs over 10,000 kWhs per month	6.44¢ per kWh

**BILLING DEMAND:**

The Billing Demand shall be the maximum registered or computed kW during any 15-minute interval within the current billing month.

**MINIMUM MONTHLY CHARGE:**

Where the required transformer capacity does not exceed 50 kVA, the minimum monthly charge will be the Basic Facilities Charge. The minimum monthly charge shall be increased \$1.50 per kVA, or fraction thereof, for services that require transformer capacity in excess of 50 kVA.

**WHOLESALE POWER COST ADJUSTMENT:**

Energy charges may be adjusted to recover changes in the purchased power costs from the Cooperative's wholesale power suppliers. Upon approval by the Board of Directors, the energy charges may also be adjusted to maintain the financial integrity of the Cooperative using a TIER Adjustment.

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

**Rate Schedules**

**Three-Phase General Service - continued**

**MINIMUM ANNUAL CHARGE FOR SERVICE:**

Service is available under this Schedule for continuous year-round electrical service for a minimum term of twelve months. Member's requesting their service to be reconnected, after having been disconnected for less than twelve months, shall be responsible for paying the greater of the monthly minimum or Basic Facilities Charges times the number of months the service was disconnected.

**SALES TAX:**

Any applicable state and local taxes will be added to charges for service.

**TERMS OF PAYMENT:**

The bill is due upon receipt. In event the current bill is not paid within 15 days from the date of the bill, the Cooperative will use collection procedures as provided in the Rules and Regulations.



**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**SINGLE-PHASE CURTAILABLE SERVICE  
SCHEDULE C  
Rate 5**

**AVAILABILITY:**

This Schedule is available, subject to the sole discretion of the Cooperative, for a member normally served under the Cooperative's Single-Phase General Service schedule. Eligibility shall be based upon whether the Cooperative believes the load to be curtailed will provide adequate load reduction at the time the Cooperative desires load control. After a review of the member's load characteristics (load factor, seasonality, etc.), the Cooperative will notify the member of the Cooperative's decision as to whether the load qualifies for this schedule. The Cooperative shall not be responsible for any expenses incurred by a Member anticipating service under this schedule prior to such approval.

Prior to receiving service under this schedule, the Member must sign an Electric Service Agreement with the Cooperative. The Electric Service Agreement will include provisions for reduction of member's load during peak periods of load control and installation of any special metering that may be required.

Service under this schedule is not available for short-term, temporary, breakdown, standby, supplemental, or resale service.

Service under this schedule is subject to provisions of the Cooperative's Service Rules and Regulations, which may be amended from time to time.

**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.

**MONTHLY RATE:**

Basic Facilities Charge:	
Single-phase	\$ 57.50 per month
Demand Charges:	
First 15 kW of billed demand per month	\$ 0.00 per kW
All kW over 15 of billed demand per month	\$ 5.95 per kW
Energy Charges:	
First 3,000 kWhs per month	10.16¢ per kWh
Next 7,000 kWhs per month	7.42¢ per kWh
All kWhs over 10,000 kWhs per month	6.44¢ per kWh
Demand Discount:	
Per kW of Curtailed Demand	\$ 10.00 per kW

**BILLING DEMAND:**

The Billing Demand shall be the maximum registered or computed kW during any 15-minute interval within the current billing month.

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

**Rate Schedules**

**Single-Phase Curtailable Service - continued**

**CURTAILED DEMAND:**

For any calendar month, the Curtailable Demand shall be the difference in the Member's fifteen-minute demand immediately preceding the Cooperative's request for load control and the Member's maximum fifteen-minute demand occurring within any clock hour the Cooperative has requested the Member to curtail their load. For months that the Cooperative does not request the Member to curtail their load the Curtailable Demand shall be zero.

**MINIMUM MONTHLY CHARGE:**

Where the required transformer capacity does not exceed 50 kVA, the minimum monthly charge will be the Basic Facilities Charge. The minimum monthly charge shall be increased \$1.50 per kVA, or fraction thereof, for services that require transformer capacity in excess of 50 kVA.

**WHOLESALE POWER COST ADJUSTMENT:**

Energy charges may be adjusted to recover changes in the purchased power costs from the Cooperative's wholesale power suppliers. Upon approval by the Board of Directors, the energy charges may also be adjusted to maintain the financial integrity of the Cooperative using a TIER Adjustment.

**MINIMUM ANNUAL CHARGE FOR SERVICE:**

Service is available under this Schedule for continuous year-round electrical service for a minimum term of twelve months. Member's requesting their service to be reconnected, after having been disconnected for less than twelve months, shall be responsible for paying the greater of the monthly minimum or Basic Facilities Charges times the number of months the service was disconnected.

**NOTIFICATION:**

Curtailments may be requested by the Cooperative at any time. The Cooperative will provide the Member with a load control switch which will be used to signal the Member when a curtailment period is to begin and signal them again at the end of the curtailment period. The Cooperative will use reasonable diligence in determining the curtailment periods. At the time the first signal is received, signaling the beginning of the curtailment period, the Member shall have the option of which loads, if any, and how much load they wish to curtail.

**MINIMUM TERM OF SERVICE:**

The term of the contract under this Rider shall be mutually agreed upon, but shall not be for less than one year.

**SALES TAX:**

Any applicable state and local taxes will be added to charges for service.

**TERMS OF PAYMENT:**

The bill is due upon receipt. In event the current bill is not paid within 15 days from the date of the bill, the Cooperative will use collection procedures as provided in the Rules and Regulations.

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**THREE-PHASE CURTAILABLE SERVICE  
SCHEDULE D  
Rate 7**

**AVAILABILITY:**

This Schedule is available, subject to the sole discretion of the Cooperative, for a member normally served under the Cooperative's Three-Phase General Service schedule. Eligibility shall be based upon whether the Cooperative believes the load to be curtailed will provide adequate load reduction at the time the Cooperative desires load control. After a review of the member's load characteristics (load factor, seasonality, etc.), the Cooperative will notify the member of the Cooperative's decision as to whether the load qualifies for this schedule. The Cooperative shall not be responsible for any expenses incurred by a Member anticipating service under this schedule prior to such approval.

Prior to receiving service under this schedule, the Member must sign an Electric Service Agreement with the Cooperative. The Electric Service Agreement will include provisions for reduction of member's load during peak periods of load control and installation of any special metering that may be required.

Service under this schedule is not available for short-term, temporary, breakdown, standby, supplemental, or resale service.

Service under this schedule is subject to provisions of the Cooperative's Service Rules and Regulations, which may be amended from time to time.

**TYPE OF SERVICE:**

Standard service under this schedule shall be three-phase, 60-hertz alternating current, at one of the Cooperative's standard secondary voltages.

**MONTHLY RATE:**

Basic Facilities Charge:

Three-phase \$ 106.00 per month

Demand Charges:

First 15 kW of billed demand per month \$ 0.00 per kW

All kW over 15 of billed demand per month \$ 5.95 per kW

Energy Charges:

First 3,000 kWhs per month 10.16¢ per kWh

Next 7,000 kWhs per month 7.42¢ per kWh

All kWhs over 10,000 kWhs per month 6.44¢ per kWh

Demand Discount:

Per kW of Curtailed Demand \$ 10.00 per kW

**BILLING DEMAND:**

The Billing Demand shall be the maximum registered or computed kW during any 15-minute interval within the current billing month.

## **BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

### **Rate Schedules**

#### **Three-Phase Curtailable Service - continued**

##### **CURTAILED DEMAND:**

For any calendar month, the Curtailable Demand shall be the difference in the Member's fifteen-minute demand immediately preceding the Cooperative's request for load control and the Member's maximum fifteen-minute demand occurring within any clock hour the Cooperative has requested the Member to curtail their load. For months that the Cooperative does not request the Member to curtail their load the Curtailable Demand shall be zero.

##### **MINIMUM MONTHLY CHARGE:**

Where the required transformer capacity does not exceed 50 kVA, the minimum monthly charge will be the Basic Facilities Charge. The minimum monthly charge shall be increased \$1.50 per kVA, or fraction thereof, for services that require transformer capacity in excess of 50 kVA.

##### **WHOLESALE POWER COST ADJUSTMENT:**

Energy charges may be adjusted to recover changes in the purchased power costs from the Cooperative's wholesale power suppliers. Upon approval by the Board of Directors, the energy charges may also be adjusted to maintain the financial integrity of the Cooperative using a TIER Adjustment.

##### **MINIMUM ANNUAL CHARGE FOR SERVICE:**

Service is available under this Schedule for continuous year-round electrical service for a minimum term of twelve months. Member's requesting their service to be reconnected, after having been disconnected for less than twelve months, shall be responsible for paying the greater of the monthly minimum or Basic Facilities Charges times the number of months the service was disconnected.

##### **NOTIFICATION:**

Curtailments may be requested by the Cooperative at any time. The Cooperative will provide the Member with a load control switch which will be used to signal the Member when a curtailment period is to begin and signal them again at the end of the curtailment period. The Cooperative will use reasonable diligence in determining the curtailment periods. At the time the first signal is received, signaling the beginning of the curtailment period, the Member shall have the option of which loads, if any, and how much load they wish to curtail.

##### **MINIMUM TERM OF SERVICE:**

The term of the contract under this Rider shall be mutually agreed upon, but shall not be for less than one year.

##### **SALES TAX:**

Any applicable state and local taxes will be added to charges for service.

##### **TERMS OF PAYMENT:**

The bill is due upon receipt. In event the current bill is not paid within 15 days from the date of the bill, the Cooperative will use collection procedures as provided in the Rules and Regulations.

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**SECURITY LIGHTING SERVICE  
SCHEDULE SLS**

**AVAILABILITY:**

Available to individual Members, in all territory served by the Cooperative, for purposes of lighting private outdoor areas from dusk to dawn. Outdoor lighting fixtures and poles served under this schedule shall conform to the Cooperative's specifications and only at locations that, solely in the opinion of the Cooperative, are readily accessible for installation and maintenance.

Service under this schedule is subject to provisions of the Cooperative's Service Rules and Regulations, which may be amended from time to time.

**MONTHLY RATE:**

<u>Type</u>	<u>Monthly kWhs</u>	<u>Lamp Rating in Lumens</u>	<u>Wattage</u>	<u>Description</u>	<u>Cost per Unit</u>
1	70	7,000	175	Mercury Vapor, Pendant <sup>1</sup>	\$ 11.75
1	46	9,500	100	High Pressure Sodium, Pendant	\$ 11.75
2	46	9,500	100	High Pressure Sodium, Cobra	\$ 11.75
3	65	16,000	150	High Pressure Sodium, Cobra	\$ 14.10
4	82	22,000	200	High Pressure Sodium, Cobra <sup>1</sup>	\$ 16.45
5	105	27,500	250	High Pressure Sodium, Cobra	\$ 18.80
6	159	50,000	400	High Pressure Sodium, Cobra	\$ 30.00
7	105	27,500	250	High Pressure Sodium, Flood	\$ 24.10
8	159	50,000	400	High Pressure Sodium, Flood	\$ 34.70
11	46	9,500	100	High Pressure Sodium, Post Top <sup>2</sup>	\$ 17.05
12	65	16,000	150	High Pressure Sodium, Post Top <sup>2</sup>	\$ 18.25
13	46	9,500	100	High Pressure Sodium, Decashield <sup>1,3</sup>	\$ 18.80
14	65	16,000	150	High Pressure Sodium, Decashield <sup>1,3</sup>	\$ 22.35
15	105	27,500	250	High Pressure Sodium, Decashield <sup>1,3</sup>	\$ 32.35
16	159	50,000	400	High Pressure Sodium, Decashield <sup>1,3</sup>	\$ 44.10
17	367	105,000	1,000	Metal Halide, Flood	\$ 47.05
18				30-Foot Aluminum or Fiberglass Pole	\$ 2.90
20	544	150,000	1,500	Metal Halide, Flood <sup>1</sup>	\$ 52.95
21	56	12,750	100/150	High Pressure Sodium/Metal Halide, Acorn	\$ 20.00
25	46	9,500	100	Metal Halide, Flag Light Flood <sup>4</sup>	\$ 17.05
26	46	9,500	250/400	Metal Halide Billboard Light	\$ 17.25
36	15	4,400	44	Light Emitting Diode (LED) Fixture	\$ 11.75
70	31	5,500	70	Metal Halide, Sign Light Flood <sup>1,4</sup>	\$ 9.80

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**  
**Rate Schedules**  
**Security Lighting Service - continued**

- <sup>1</sup> Effective January 1, 2011 these fixtures are no longer available for new installations.
- <sup>2</sup> Monthly charges include a 12-foot aluminum or fiberglass direct buried pole and up to 100 feet of underground secondary.
- <sup>3</sup> Monthly charges include a 30-foot aluminum or fiberglass direct buried pole and up to 100 feet of underground secondary.
- <sup>4</sup> Monthly charges include a 24-inch concrete pad for mounting fixture and up to 100 feet of underground secondary.

Except where specifically stated otherwise above, the prices of the above fixtures are based upon providing up to 100 feet of overhead or underground secondary conductor on an existing pole or the installation of one 30 foot class 6 wood pole. If the installation of the light results the Cooperative having to set additional poles or install conductor exceeding 100 feet, the Member shall pay the Cooperative an up-front contribution-in-aid of construction of \$100 for each additional pole the Cooperative must set plus \$2.50 per foot for overhead or underground conductor in excess of 100 feet.

The Cooperative may, at its discretion, provide other lighting fixtures and poles as requested by the Member. The monthly charges shall be derived from the table below based upon the Cooperative's average investment per lamp for the project. In order to arrive at the average investment per lamp, the Cooperative will estimate its total installation cost, including materials, labor, and overheads, and divide it by the number of lamps included in the project. The BEMC Investment shall be the Cooperative's projected total investment, including material costs, installation costs, and normal overheads, less any contribution-in-aid of construction paid by the Member.

**Contract Light Table Based on Investment**

<u>BEMC's Average Investment (per lamp)</u>		<u>Up to 250 Watts</u>	<u>400 Watts</u>	<u>1,000 Watts</u>	<u>1,500 Watts</u>
\$0.00	to \$500.00	\$12.50	\$17.50	\$32.50	\$41.75
\$500.01	to \$1,000.00	\$20.55	\$25.55	\$40.55	\$49.80
\$1,000.01	to \$1,500.00	\$28.60	\$33.60	\$48.60	\$57.85
\$1,500.01	to \$2,000.00	\$36.65	\$41.65	\$56.65	\$65.90
\$2,000.01	to \$2,500.00	\$44.70	\$49.70	\$64.70	\$73.95
\$2,500.01	to \$3,000.00	\$52.75	\$57.75	\$72.75	\$82.00
\$3,000.01	to \$3,500.00	\$60.80	\$65.80	\$80.80	\$90.05
\$3,500.01	to \$4,000.00	\$68.85	\$73.85	\$88.85	\$98.10

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

**Rate Schedules**

**Security Lighting Service - continued**

**MINIMUM ANNUAL CHARGE FOR SERVICE:**

Service is available under this Schedule for continuous year-round electrical service for a minimum term of twelve months. Member's requesting their service to be reconnected, after having been disconnected for less than twelve months, shall be responsible for paying the greater of the monthly minimum or Basic Facilities Charges times the number of months the service was disconnected.

**SALES TAX:**

Any applicable state and local taxes will be added to charges for service.

**TERMS OF PAYMENT:**

The bill is due upon receipt. In the event the current bill is not paid within 15 days from the date of the bill, the cooperative will use collection procedures as provided in the Rules and Regulations.

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**WHOLESALE POWER COST AND TIER ADJUSTMENT CLAUSE  
SCHEDULE WPCTA**

The Cooperative may implement a Wholesale Power Cost Adjustment charge, or credit, at such time as its actual or projected cost of power from its wholesale suppliers exceeds or is less than the cost of purchased power recovered in the Cooperative's retail rate schedules. The charge for each metered kilowatt-hour sold may be increased or decreased by an amount to the nearest one one-thousandth of a cent (\$0.00001), determined by the use of the following formula:

$$\text{WPCA} = \frac{\text{C} - (\text{B} \times \text{P}) + \text{D}}{\text{S}}$$

Where:

- C = Total projected cost of purchased power.
- B = Base cost of purchased power recovered through the Cooperative's retail rates.
- P = The total projected kilowatt-hours expected to be purchased for the same period that the cost of purchase power was calculated for above.
- S = The total actual and projected kilowatt-hours expected to be sold for the same period that the kilowatt-hour purchases were calculated for above.
- D = The total accumulated difference between the Cooperative's WPCA charges and the Purchased Power Costs applicable to this clause through the end of the prior month.

In addition to the Wholesale Power Cost Adjustment the Cooperative may, upon approval from the Board of Directors, increase the metered energy charges using a TIER Adjustment in order to maintain the financial integrity of the Cooperative. Such adjustments shall be considered interim and shall be reviewed by the Board of Directors on a quarterly basis.



**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**NC GREENPOWER PROGRAM  
RIDER GP-2**

**AVAILABILITY:**

This Rider is available on a voluntary basis in conjunction with any of the Cooperative's Schedules for a Member who contracts with the Cooperative for a block or blocks of electricity produced from Renewable Resources provided through the NC GreenPower Program. The maximum number of Members served under this Rider shall be determined by the maximum number of blocks of electricity available through the NC GreenPower Program.

This Rider is not for temporary service or for resale service. The provisions of the Schedule with which this Rider is used are modified only as shown herein. Service rendered under this Rider is subject to the provisions of the Cooperative's Service Rules and Regulations on file with the state regulatory commission.

**MONTHLY RATE:**

In addition to all other charges stated in the Monthly Rate of the Schedule with which this Rider is used, the following charge shall also apply to each block the Member purchases:

\$ 4.00 per block

This Rider's Monthly Rate shall be applied to Member's billing regardless of Member's actual monthly kilowatt-hour consumption. While taking service under this Rider, the Member may change the number of monthly blocks purchased once during each year unless otherwise authorized by the Cooperative.

**DEFINITIONS:**

Block of Renewable Green Energy Resources: A block of Renewable Energy Resources is equal to 50 kWh plus a contribution for the installation of PV generation projects at schools.

Renewable Resources: For purposes of this tariff, Renewable Resources are those renewable resources included in the NC GreenPower Program, which include such renewable resources as solar, wind, small hydro, and biomass placed in service after January 1, 2001 and used to generate electricity delivered to the electric grid in North Carolina.

**SPECIAL CONDITIONS:**

The actual amount of electricity provided by Renewable Resources under this Rider to the statewide electricity grid in North Carolina during any specific month may vary from the number of blocks Members have purchased. However, a true-up of the delivery of the blocks to the purchase of blocks shall be completed within two years of the purchase.

The electricity purchased or produced from the Renewable Resources may not be specifically delivered to Member, but will displace electricity that would have otherwise been produced from traditional generating facilities for delivery to Members within the State of North Carolina. This electricity shall be provided to the electricity grid.

BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION

**Rate Schedules**

**NC GreenPower Program – continued**

**DISTRIBUTION OF RIDER FUNDS:**

Fifty-percent (50%) of the charges under this Rider will be used to offset the higher cost of producing, purchasing, and/or acquiring Renewable Resources. The remaining charge shall be used on a matching contribution basis to pay up to fifty-percent (50%) of the installation of solar PV generation projects at schools, not to exceed \$10,000 per school. Members participating in this program that desire other than a 50/50 distribution, as described above, must make arrangements for alternative distribution percentages with NC GreenPower Corporation. Members participating in this program agree that their name, address, and the number of blocks purchased may be disclosed to NC GreenPower Corporation.

The funds, less applicable taxes, collected from Members under this Rider will be distributed as follows:

1. To the North Carolina Advanced Energy Corporation, hereafter called “NCAEC”, a nonprofit corporation, for the operational and administrative costs of the NCAEC necessary to administer and promote the state-wide NC GreenPower Program, and
2. To the NCAEC who will provide incremental payments to the generators of the Renewable Resources selected by the NCAEC for the participation in the NC GreenPower Program.

**CONTRACT PERIOD:**

The Member or Cooperative may terminate service under this Rider by giving the other party at least thirty (30) days prior notice.

**GENERAL:**

Circumstances and/or actions that may cause the Cooperative to terminate the availability of this Rider include, but are not limited to:

1. The retail supply of electric generation is deregulated;
2. The Cooperative’s participation in the statewide NC GreenPower Program is terminated;
3. The statewide NC GreenPower Program is terminated; or
4. Other regulatory and/or legislative action supersedes or contravenes the Rider or the NC GreenPower Program.

**APPLICABLE TAXES:**

The total charges under the Rider will be increased for any applicable sales taxes imposed by any governmental authority.

Effective for service rendered on and after June 1, 2015, remain in service until March 31, 2016, and shall automatically extend thereafter unless modified or revised by order of the North Carolina Utilities Commission.

NCUC Docket No. E-100, Sub 90

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**NC RENEWABLE ENERGY PROGRAM  
RIDER REN-1**

**AVAILABILITY:**

This Rider is available on a voluntary basis in conjunction with any of Cooperative's nonresidential service schedules for a Member who contracts with the Cooperative for a minimum of 100 blocks of electricity produced from Renewable Resources provided through the statewide NC GreenPower Program.

The maximum number of customers served under this Rider shall be determined by the maximum number of blocks of electricity available through the NC GreenPower Program.

This Rider is not available for temporary or for resale service.

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

Service rendered under this Rider is subject to the provisions of the Cooperative's Service Rules and Regulations on file with the state regulatory commission.

**MONTHLY RATE:**

In addition to all other charges stated in the Monthly Rate of the Schedule with which this Rider is used, the following charge shall also apply to each block the Member purchases:

\$ 2.50 per block

The minimum monthly charge shall be a charge for 100 blocks of electricity.

This Rider's Monthly Rate shall be applied to Member's billing regardless of Member's actual monthly kilowatt-hour consumption.

**DEFINITIONS:**

1. Block of Electricity  
A block of electricity is equal to 100 kWh.
  
2. Renewable Resources  
For purposes of this tariff, Renewable Resources are those renewable resources included in the NC GreenPower Program, which include such renewable resources as solar, wind, small hydro, and biomass and used to generate electricity delivered to the electric grid in North Carolina.

**SPECIAL CONDITIONS:**

The actual amount of electricity provided by Renewable Resources under this Rider to the statewide electricity grid in North Carolina during any specific month may vary from the number of blocks Members have purchased. However, a true-up of the delivery of the blocks to the purchase of blocks shall be completed within two years of the purchase.

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**  
**Rate Schedules**  
**NC Renewable Energy Program - continued**

The electricity purchased or produced from the Renewable Resources may not be specifically delivered to Member, but will displace electricity that would have otherwise been produced from traditional generating facilities for delivery to Members within the State of North Carolina. This electricity shall be provided to the electricity grid.

**DISTRIBUTION OF RIDER FUNDS:**

Charges under this Rider will be used to offset the higher cost of producing, purchasing, and/or acquiring Renewable Resources.

The funds, less applicable taxes, collected from Members under this Rider will be distributed as follows:

1. To the North Carolina Advanced Energy Corporation, hereafter called "NCAEC", a nonprofit corporation, for the operational and administrative costs of the NCAEC necessary to administer and promote the state-wide NC GreenPower Program, and
2. To the NCAEC who will provide incremental payments to the generators of the Renewable Resources selected by the NCAEC for the participation in the NC GreenPower Program.

**CONTRACT PERIOD:**

The initial Contract Period under this Rider shall be one (1) year. After the initial period, the Member or Cooperative may terminate service under this Rider by giving the other party at least thirty (30) days prior notice.

**GENERAL:**

Circumstances and/or actions that may cause the Cooperative to terminate the availability of this Rider include, but are not limited to:

1. The retail supply of electric generation is deregulated;
2. The Cooperative's participation in the statewide NC GreenPower Program is terminated;
3. The statewide NC GreenPower Program is terminated; or
4. Other regulatory and/or legislative action supersedes or contravenes the Rider or the NC GreenPower Program.

**APPLICABLE TAXES:**

The total charges under the Rider will be increased any applicable sales taxes imposed by any governmental authority.

Effective for service rendered on and after January 1, 2003 or six (6) months after NCUC approval of the statewide NC GreenPower Program, whichever is later.

NCUC Docket No. E-100, Sub 90

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**RESIDENTIAL RENEWABLE GENERATION RIDER  
RIDER RGR  
Rate 15**

**AVAILABILITY:**

Service under this schedule is available to customers who have an Eligible Qualifying Facility interconnected directly with the Cooperative's system and who have contracted to sell all of generating capacity and energy output to the Cooperative. The nameplate rating of the Eligible Qualifying Facility shall not exceed 10 kW. The Member must own the property where the electrical service is received and delivered to the Cooperative. Eligible Qualifying Facilities 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. 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 customer's power into the Cooperative's system under this schedule shall be furnished solely to the individual contracting customer in a single enterprise, located entirely on a single, contiguous premise. Service necessary to supply the customer's total load requirements other than Auxiliary Load, and service necessary to supply the customer's Auxiliary Load when the customer's generating facilities are not operating, shall be billed on the applicable rate schedule(s) of the Cooperative. Power delivered to the Cooperative under this schedule shall not offset or be substituted for power contracted for or which may be contracted for under any other rate schedule of the Cooperative. Prior to receiving service under this schedule the customer must have a signed "Standard Interconnection Agreement" between the customer and the Cooperative and must have their Eligible Qualifying Facility registered with the North Carolina Utilities Commission.

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 customer 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.

Service under this Rider shall be available in all territories 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:**

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

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**  
**Rate Schedules**  
**Renewable Generation Rider - continued**

**MONTHLY RATE:**

Administrative Charge	\$ 3.75 per month
Energy Credit	\$0.0424 per kWh

**SAFETY, INTERCONNECTION, AND INSPECTION REQUIREMENTS:**

This Rider is only applicable for renewable generation that complies with the Cooperative's interconnection requirements, along with any IEEE, NESC, and NEC standards related to interconnecting to public utilities. In order to ensure protection of the Cooperative's system, the Cooperative reserves the right, at its discretion, to inspect the Member's renewable generation at any time upon reasonable notice to the Member 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 Member shall be responsible for any costs incurred by the Cooperative pursuant to the Interconnection Standard. The Cooperative reserves the right to require additional interconnection facilities, furnished, installed, owned and maintained by the Cooperative, at the Member's expense, if the Member's renewable generation, despite compliance with the Interconnection Standard, causes safety, reliability or power quality problems.

The Member shall obtain and retain, for as long as the Member's renewable generation is interconnected with the Cooperative's system, comprehensive general liability insurance that protects the Member from claims for bodily injury and/or property damage. For a residential Member 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. On an annual basis, the Member shall provide certificates evidencing this coverage as required by the Cooperative. The Cooperative reserves the right to refuse to establish, or continue the interconnection of the Member's renewable generation with the Cooperative's system, if such insurance is not in effect.

**DEFINITIONS:**

**Renewable Generation** – For purposes of this Rider, Renewable Generation shall be defined as small-scale (10 kW or less), environmentally friendly technologies – such as photovoltaic (PV), fuel cells, micro-turbines, biomass-fueled, or small wind turbines – that are installed on and designed to serve a single-user's site.

**CONTRACT PERIOD:**

Each Member shall enter into a contract for a minimum original term of one (1) year and thereafter either party may terminate the contract by giving at least a sixty (60) day notice of such termination in writing. The Cooperative reserves the right to offer a contract for a longer original term of years as specified in the individual contract with the Member. The Cooperative further reserves the right to terminate the Member's contract under this Rider at any time upon written notice to the Member in the event that the Member 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 Members. In the event of early

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**  
**Rate Schedules**  
**Renewable Generation Rider - continued**

termination of a contract under this Rider, the Member will be required to pay the Cooperative for the costs due to such early cancellation.

**PAYMENTS:**

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

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**ELIGIBLE QUALIFYING FACILITY RIDER  
RIDER EQF  
Rate 25**

**AVAILABILITY:**

Service under this schedule is available to customers who have an Eligible Qualifying Facility interconnected directly with the Cooperative's system and who have contracted to sell generating capacity and energy to the Cooperative. The maximum size of a generator interconnected to the Cooperative's system will be limited by the impact the generator will 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 customer. 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 customer's power into the Cooperative's system under this schedule shall be furnished solely to the individual contracting customer in a single enterprise, located entirely on a single, contiguous premise. Multiple generators on one contiguous property shall receive service and be metered at one location. Service hereunder shall be restricted to the capacity of the customer's generating facility operated in parallel with the Cooperative's system. Service necessary to supply the customer's total load requirements other than Auxiliary Load, and service necessary to supply the customer's Auxiliary Load when the customer's generating facilities are not operating, shall be billed on the applicable rate schedule(s) of the Cooperative. Power delivered to the Cooperative under this schedule shall not offset or be substituted for power contracted for or which may be contracted for under any other rate schedule of the Cooperative. Prior to receiving service under this schedule the customer must have a signed "Standard Interconnection Agreement" between the customer and the Cooperative.

The obligations of the Cooperative in regard to service under this rider 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 customer 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. Customers 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 customer requires supplemental or standby service, the customer 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.



**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

**Rate Schedules**

**Eligible Qualifying Facility Rider - continued**

**MONTHLY RATE:**

Administrative Charges:	
Up to 25 kW	\$ 3.75 per month
25 to 100 kW	\$ 7.50 per month
101 to 499 kW	\$ 75.00 per month
500 kW and greater	\$ 125.00 per month
Interconnection Facilities Charge <sup>1</sup> :	\$ 5.00 per month

**Capacity Credits<sup>2</sup>:**

Qualifying Facilities eligible for the Cooperative's Variable or Fixed 5-Year Term Capacity Credits shall be paid a Capacity Credit for all capacity delivered to the Cooperative's system as registered or computed from the Cooperative's metering equipment. The Capacity Credit will be in accordance with the length of the rate term for capacity sales as established in the Standard Interconnection Agreement between the Cooperative and the customer.

	<u>Variable Rate</u>	<u>Fixed 5-Year Term</u>
All On-Peak Energy during a Summer Month per kWh:	3.79¢	3.92¢
All On-Peak Energy during a Non-Summer Month per kWh:	3.64¢	3.70¢

**Energy Credits<sup>2</sup>:**

Qualifying Facilities eligible for the Cooperative's Variable or Fixed 5-Year Term Energy Credits shall be paid Energy Credits for all energy delivered to the Cooperative's system as registered or computed from the Cooperative's metering equipment based on the energy rates shown below. The Energy Credits will be in accordance with the length of the rate term for capacity sales as established in the Standard Interconnection Agreement between the Cooperative and the customer.

	<u>Variable Rate</u>	<u>Fixed 5-Year Term</u>
All On-Peak Energy per kWh:	3.87¢	4.00¢
All Off-Peak Energy per kWh:	3.36¢	3.51¢

<sup>1</sup> The Interconnection Facilities Charge may be increased according to the provisions of the paragraph entitled "Interconnection Facilities Charge" below.

<sup>2</sup> If the capacity of the customer's generator is less than 500 kW, the energy output from the generator will be credited to the customer by the Cooperative at the capacity and energy credits shown above. If the capacity of the customer's generator is 500 kW or above, the energy output of the generator will be purchased by Cooperative's wholesale power provider at its avoided cost as outlined in their Schedule QF – "Power Purchases from Qualifying Facilities".

## **BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

### **Rate Schedules**

#### **Eligible Qualifying Facility Rider - continued**

#### **INTERCONNECTION FACILITIES CHARGE:**

The customer shall be responsible for providing suitable control and protective devices on their equipment to assure no disturbance to other customers of the Cooperative or to the Cooperative itself, and to protect the customer'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 furnish, install, own, and maintain all distribution, service, and interconnection related facilities necessary for service under this Rider. Interconnection facilities include suitable control and protective devices installed on Cooperative equipment to allow operation of the customer's generating facilities; metering facilities equipped to prevent reverse registration for the measurement of service under this Rider; and any other modifications to its system required to serve the customer under this Rider as determined by the Cooperative.

The customer shall be responsible for paying the Cooperative a contribution-in-aid of construction equal to the cost of all distribution, service, and interconnection related facilities required to connect the customer's facility to the Cooperative's system. The total cost of these related facilities shall be subject to a monthly Interconnection Facilities Charge. The monthly Interconnection Facilities Charge shall be the greater of the:

1. Interconnection Charge stated above, or
2. One percent (1.0%) times the total cost of the related facilities installed to serve the customer's generating facilities.

The Cooperative reserves the right to install facilities necessary for the appropriate measurement of service under this Rider and to adjust the Interconnection Facilities Charge accordingly, solely at the option of the Cooperative.

#### **DETERMINATION OF SUMMER AND NON-SUMMER MONTHS**

The Summer Months shall be the months of June through September. The Non-Summer Months shall be all months not defined as a Summer Month.

#### **DETERMINATION OF CAPACITY CREDITS**

Capacity Credits will be based on the energy, in kilowatt-hours, that is supplied to the Cooperative during the On-Peak hours. The Capacity Credit applied to the customer's bill will be based upon whether the energy is supplied during a Summer or Non-Summer month. Capacity Credits are available only to qualifying facilities classified as "new capacity" in accordance with the Federal Energy Regulatory Commission's Order No. 69 in Docket No. RM79-55.

#### **DETERMINATION OF ON-PEAK AND OFF-PEAK PERIODS**

On-Peak Energy shall be energy, in kilowatt-hours, that is supplied to the Cooperative during the On-Peak hours as defined below. Off-Peak energy shall be energy, in kilowatt-hours, that is supplied to the Cooperative during the Off-Peak hours as defined below.

## **BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

### **Rate Schedules**

#### **Eligible Qualifying Facility Rider - continued**

For the period of June 1 through September 30, the hours are as follows:

- On-Peak Hours: 1:00 p.m. through 9:00 p.m., Monday - Friday, excluding those holidays designated as off-peak by the Cooperative.
- Off-Peak Hours: All other times.

For the period of October 1 through May 31, the hours are as follows:

- On-Peak Hours: 6:00 a.m. through 1:00 p.m., Monday - Friday, excluding those holidays designated as off-peak by the Cooperative.
- Off-Peak Hours: All other times.

Designated holidays shall be New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the day after Thanksgiving Day, and Christmas Day.

#### **POWER FACTOR CORRECTION:**

The average monthly power factor of the power supplied by the customer to the Cooperative shall not be less than 97 percent or greater than 100 percent. If the average power factor falls outside this range, the Cooperative reserves the right to install facilities necessary for the measurement and correction of the power factor. The member/customer shall pay a contribution-in-aid of construction based on the installed cost of these facilities and the Interconnection Facilities Charge will be adjusted accordingly.

#### **SAFETY, INTERCONNECTION, AND INSPECTION REQUIREMENTS:**

This Rider is only applicable for qualifying facilities that comply with the Cooperative's interconnection requirements, along with any IEEE, NESC, and NEC standards related to interconnecting to public utilities. In order to ensure protection of the Company's system, the Company reserves the right, at its discretion, to inspect the customer's facility 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 premises if the Cooperative determines that the Renewable Generator is operating in parallel with the Cooperative's system and does not comply with the Interconnection Standards.

The customer must enter into a specific contract providing for interconnection to the Cooperative's system. The customer shall be responsible for providing suitable control and protective devices on its equipment to assure no disturbance to members 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 obtain and retain, for as long as the customer's facility 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 comprehensive general liability insurance with coverage at least \$300,000 per occurrence. This insurance shall be primary for all purposes. The customer shall provide certificates evidencing this coverage as required by the Cooperative. The Cooperative reserves the right to refuse to establish, or continue the interconnection of the customer's facility with the Cooperative's system, if such insurance is not in effect.

## **BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

### **Rate Schedules**

#### **Eligible Qualifying Facility Rider - continued**

#### **DEFINITIONS:**

Nameplate Capacity: The term "Nameplate Capacity" shall mean the maximum continuous electrical output capability of the generator(s) at any time at a power factor of ninety-seven percent (97%).

Capacity: The term "Capacity" shall mean the Nameplate Capacity of the customer's generating facilities, less the portion of that capacity 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 (such as pumps, blowers, fuel preparation machinery, and exciters).

Month: The term "Month" as used in this Rider means the period intervening between meter readings for the purposes of monthly billing, such readings being taken once per month.

#### **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 customer 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. Customers receiving compensation for RECs from the Cooperative shall not be eligible to participate in NC GreenPower's renewable generation program.

#### **CONTRACT PERIOD:**

Customers contracting for the variable rate shall enter into a contract for a minimum original term of one (1) year and thereafter either party may terminate the contract by giving at least sixty- (60) days' notice of such termination in writing. Customers contracting for the fixed term rate shall enter into a contract with a minimum term equal to the length of the fixed term rate, which will automatically renew for another term unless either party provides written notice to change the term or terminate the contract at least sixty- (60) days prior to the end of the current contract term. The Cooperative reserves the right to offer a contract for a longer original term of years as specified in the individual contract with the customer. The Cooperative further reserves the right to terminate the customer's contract 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 Generator system in a manner that is detrimental to the Cooperative or any of its members. In the event of early termination of a contract under this Rider, the customer will be required to reimburse the Cooperative for the estimated Operations and Maintenance Expenses the Cooperative expects to incur over the remaining life of the facilities installed for the generator plus any over-payment of Capacity and Energy credits related to the term of the contract which was shortened due to such early cancellation.

#### **PAYMENTS:**

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

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**RESIDENTIAL NET METERING RIDER**

**RIDER RNM**

**Rate 30**

(Pilot)

**AVAILABILITY:**

This Rider is available in conjunction with the Cooperative's Residential Service schedule where Member-owned Renewable Generation is connected on the Member-side of the meter in parallel with the Cooperative's electric system and is designed to offset a portion or all of the Member's electrical requirements normally supplied by the Cooperative. The nameplate rating of the Renewable Generation shall not exceed the lesser of the Member's estimated maximum annual kilowatt demand or 10 kW. The Member 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 in accordance with rules of the Cooperative. The Cooperative reserves the right to limit, on a first-come, first-served basis, the total Renewable Generation capacity, for which the Cooperative must provide net metering, to 0.5% of the Cooperative's historical peak system load.

In order for Members to receive payments from the Cooperative for any excess energy that flows back on to the Cooperative's system from the Member's generator, the Member 1) shall have their Renewable Generator registered with the North Carolina Utilities Commission using NC-RETS and 2) agree to assign all Renewable Energy Certificates (RECs) and all environmental attributes associated with the Renewable Generation to the Cooperative. Members receiving service under this Rider shall not be eligible to participate in NC GreenPower's renewable generation program. Members who are participating in NC GreenPower's renewable generation program are eligible for the Cooperative's Residential Renewable Generation Rider RGR (Rate 15).

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:**

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

**MONTHLY RATE:**

Interconnection Facilities Charge:

\$5.00 per month, plus the Facilities Charge applicable to the rate schedule under which the Member purchases energy from the Cooperative. The Facilities Charges are due monthly regardless of whether the Member is net seller or purchaser of energy to or from the Cooperative.

Energy Charge:

Members generating power from a renewable resource as defined in this Rider shall be billed on a net energy basis. Energy Charges (or Credits) shall be based on the net kilowatt hours purchased from or delivered to the Cooperative for the month the bill is rendered times the energy charge specified in the rate schedule under which the Member purchases energy.

## **BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

### **Rate Schedules**

#### **Residential Net Metering Rider - continued**

#### **SAFETY, INTERCONNECTION, AND INSPECTION REQUIREMENTS:**

This Rider is only applicable for renewable generation that complies with the Cooperative's interconnection requirements, along with any IEEE, NESC, and NEC standards related to interconnecting to public utilities. In order to ensure protection of the Cooperative's system, the Cooperative reserves the right, at its discretion, to inspect the Member's renewable generation at any time upon reasonable notice to the Member 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 Member must enter into a specific contract providing for interconnection to the Cooperative's system whereby the Member shall be responsible for providing suitable control and protective devices on its equipment to assure no disturbance to other Members of the Cooperative, or to the Cooperative itself, and to protect the Member'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 Member shall be responsible for any costs incurred by the Cooperative pursuant to the Interconnection Standard. The Cooperative reserves the right to require additional interconnection facilities, furnished, installed, owned and maintained by the Cooperative, at the Member's expense, if the Member's renewable generation, despite compliance with the Interconnection Standard, causes safety, reliability or power quality problems.

The Member shall obtain and retain, for as long as the Member's renewable generation is interconnected with the Cooperative's system, comprehensive general liability insurance that protects the Member from claims for bodily injury and/or property damage. For a residential Member 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. On an annual basis, the Member shall provide certificates evidencing this coverage as required by the Cooperative. The Cooperative reserves the right to refuse to establish, or continue the interconnection of the Member's renewable generation with the Cooperative's system, if such insurance is not in effect.

#### **METERING REQUIREMENTS:**

The Cooperative will furnish, install, own, and maintain metering to measure the kilowatt-hours delivered by the Cooperative to the Member, and if applicable, the kilowatt demand. The Cooperative will also furnish, install, own, and maintain additional metering equipment to measure the kilowatt-hours delivered from the Member to the Cooperative. The Member's service may be metered with: (a) a single, bi-directional meter, which records independently the flow of electricity in each direction through the meter; or (b) at the Cooperative's option, two meters, equipped to prevent reverse registration, one which will measure the energy delivered by the Cooperative to the Member, and the other which will measure the energy delivered by the Member to the Cooperative. The Cooperative shall have the right to install special metering and load research devices on the Member's equipment.

## **BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

### **Rate Schedules**

#### **Residential Net Metering Rider - continued**

#### **DEFINITIONS:**

Renewable Generation – For purposes of this Rider, Renewable Generation shall be defined as small-scale (10 kW or less), environmentally friendly technologies – such as photovoltaic (PV), fuel cells, micro-turbines, biomass-fueled, or small wind turbines – that are installed on and designed to serve a single-user's site.

Excess Energy – Excess Energy delivered to the Cooperative shall be defined as energy produced by the Member's generator that exceeds the energy delivered by the Cooperative at any given time during the billing month. This Excess Energy shall be used to reduce energy delivered and billed by Cooperative during the current billing month. In the event the Excess Energy exceeds the delivered energy at the end of the billing month, the Excess Energy shall be accumulated and used to reduce the Member's billed usage in future months. Each year, in the billing month that includes usage incurring on June 30<sup>th</sup>, the Cooperative will reset the accumulated Excess Energy to zero and pay the Member for any accumulated Excess Energy at the kWh rate the Member is being billed for the energy delivered, provided the Member's Renewable Generator is registered with the North Carolina Utilities Commission using NC-RETS and the Member agrees to assign all Renewable Energy Certificates (RECs) and all environmental attributes associated with the Renewable Generation to the Cooperative.

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

#### **CONTRACT PERIOD:**

Each Member shall enter into a contract for a minimum original term of one (1) year and thereafter either party may terminate the contract by giving at least a sixty (60) day notice of such termination in writing. The Cooperative reserves the right to offer a contract for a longer original term of years as specified in the individual contract with the Member. The Cooperative further reserves the right to terminate the Member's contract under this Rider at any time upon written notice to the Member in the event that the Member 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 Members. In the event of early termination of a contract under this Rider, the Member will be required to pay the Cooperative for the costs due to such early cancellation.

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**COMMERCIAL NET METERING RIDER  
RIDER CNM  
Rate 20**

**AVAILABILITY:**

This Rider is available in conjunction with the Cooperative's Single-Phase General Service and Three-Phase General Service rate schedules where member-owned Renewable Generation is connected on the member-side of the meter, in parallel with the Cooperative's electric system, and is designed to offset portion or all of the member's electrical requirements normally supplied by the Cooperative. The Renewable Generation system must be located and used at the member's primary legal business where a part or all of the electrical requirements of the member can be supplied from the member's Renewable Generation System. The nameplate rating of the Renewable Generation must be the lesser of the member's historical maximum 15-minute integrated demand or 500 kW. The Cooperative reserves the right to limit, on a first-come, first-served basis, the total Renewable Generation capacity, for which the Cooperative must provide net metering, to 0.5% of the Cooperative's historical peak system load. Renewable Generation 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.

Members receiving service under this Rider must have their Renewable Generation registered with the North Carolina Utilities Commission and may retain the Renewable Energy Certificates (RECs) and all environmental attributes associated with the Renewable Generation. Members receiving service under this Rider shall not be eligible to participate in NC GreenPower's renewable generation program.

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.

**CHARACTER OF SERVICE:**

The types of service available under this Rider are single-phase or three-phase, 60 Hz alternating current, at one of the Cooperative's standard secondary voltages.

**MONTHLY RATE:**

**Administrative Charges:**

Up to 25 kW	\$ 10.00 per month
25 to 100 kW	\$ 25.00 per month
101 to 500 kW	\$ 75.00 per month

The member shall also be responsible for the Basic Facilities Charge applicable to the rate schedule under which the member purchases energy from the Cooperative. The Facilities Charges are due monthly regardless of whether the member is net seller or purchaser of energy to or from the Cooperative.



## **BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

### **Rate Schedules**

#### **Commercial Net Metering Rider - continued**

##### Energy Charges:

Members generating power from a renewable resource as defined in this Rider shall be billed under their applicable rate schedule, plus any applicable riders, on a net energy basis. Energy Charges shall be based on the net kilowatt hours purchased from the Cooperative for the month the bill is rendered times the energy charge specified in the rate schedule under which the consumer purchases energy. The Cooperative will not pay the member any compensation for any excess energy delivered to the Cooperative's system.

##### Demand Charges:

Demand Charges for service rendered shall be billed according to the member's applicable rate schedule.

##### Standby Charge:

For any renewable generation larger than 100 kW, a Standby Charge of \$1.25 per kW per month will apply. The Standby kW used for billing purposes will be based upon the Nameplate Rating, in kilowatts, of the member's system.

#### **SAFETY, INTERCONNECTION, AND INSPECTION REQUIREMENTS:**

This Rider is only applicable for Renewable Generation that complies with the Cooperative's interconnection requirements, along with any IEEE, NESC, and NEC standards related to interconnecting to public utilities. In order to ensure protection of the Cooperative's system, the Cooperative reserves the right, at its discretion, to inspect the member's Renewable Generation at any time upon reasonable notice to the member in an effort to ensure compliance with the Interconnection Standards. The Cooperative reserves the right to disconnect electric service to any premises 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 member must enter into a specific contract providing for interconnection to the Cooperative's system whereby the member shall be responsible for providing suitable control and protective devices on its equipment to assure no disturbance to other members of the Cooperative, or to the Cooperative itself, and to protect the member'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 member shall be responsible for any costs incurred by the Cooperative pursuant to the Interconnection Standard. The Cooperative reserves the right to require additional interconnection facilities, furnished, installed, owned and maintained by the Cooperative, at the member's expense, if the member's Renewable Generation, despite compliance with the Interconnection Standard, causes safety, reliability or power quality problems.

The member shall obtain and retain, for as long as the member's Renewable Generation is interconnected with the Cooperative's system, comprehensive general liability insurance with limits of at least \$300,000 per occurrence which protects the member from claims for bodily injury and/or property damage. This insurance shall be primary for all purposes. The member shall provide certificates evidencing this coverage as required by the Cooperative. The Cooperative reserves the right to refuse to establish, or continue the interconnection of the member's Renewable Generation with the Cooperative's system, if such insurance is not in effect.

## **BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION**

### **Rate Schedules**

#### **Commercial Net Metering Rider - continued**

#### **METERING REQUIREMENTS:**

The Cooperative will furnish, install, own, and maintain metering to measure the kilowatt-hours delivered by the Cooperative to the member, and if applicable, the kilowatt demand. The Cooperative will also furnish, install, own, and maintain additional metering equipment to measure the kilowatt-hours delivered from the member to the Cooperative. Prior to the connection of the Renewable Generation to the Cooperative's system, the member shall pay the Cooperative a contribution-in-aid of construction for all additional metering costs the Cooperative incurs as a result of the Renewable Generation. The member's service may be metered with: (a) a single, bi-directional meter, which records independently the flow of electricity in each direction through the meter; or (b) at the Cooperative's option, two meters, equipped to prevent reverse registration, one which will measure the energy delivered by the Cooperative to the member, and the other which will measure the energy delivered by the member to the Cooperative. The Cooperative shall have the right to install special metering and load research devices on the member's equipment and the right to use the member's telephone line for communication with the Cooperative's and the member's equipment.

#### **DEFINITIONS:**

Renewable Generation – For purposes of this Rider, Renewable Generation shall be defined as small-scale, environmentally friendly technologies – such as photovoltaic (PV), micro-turbines, biomass-fueled, or small wind turbines – that are installed on and designed to serve a single-user's site.

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

#### **CONTRACT PERIOD:**

Each member shall enter into a contract for a minimum original term of one (1) year and thereafter either party may terminate the contract by giving at least sixty (60) days notice of such termination in writing. The Cooperative reserves the right to offer a contract for a longer original term of years as specified in the individual contract with the member. The Cooperative further reserves the right to terminate the member's contract under this Rider at any time upon written notice to the member in the event that the member 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 members. In the event of early termination of a contract under this Rider, the member will be required to pay the Cooperative for any costs it incurs due to such early cancellation.

**BRUNSWICK ELECTRIC MEMBERSHIP CORPORATION  
SHALLOTTE, NORTH CAROLINA**

**RENEWABLE ENERGY PORTFOLIO STANDARD RIDER  
RIDER REPS-2015/2016**

**APPLICABILITY:**

Service under this Rider is applicable to all retail consumers of the Cooperative for the recovery of the Cooperative's incremental costs associated with meeting their Renewable Energy and Energy Efficiency Portfolio Standard (REPS) pursuant to North Carolina General Statute 62-133.8 and NCUC Rule R8-67.

This Rider is not for temporary service or for resale service. The provisions of the Schedule with which this Rider is used are modified only as shown herein. Service rendered under this Rider is subject to the provisions of the Cooperative's Service Rules and Regulations on file with the state regulatory commission.

**MONTHLY RATE:**

In addition to all other charges stated in the Monthly Rate of the Schedule with which this Rider is used, the following charges shall also apply:

<u>Revenue Class</u>	<u>REPS Rate</u>	<u>EMF Rate</u>	<u>Total Monthly Rate</u>
Residential	\$ 0.34	(\$ 0.19)	\$ 0.15
Commercial	\$ 1.48	(\$ 1.22)	\$ 0.25
Industrial	\$ 9.86	(\$ 8.16)	\$ 1.70

**DEFINITIONS:**

1. Renewable Energy Portfolio Standard (REPS) Rate – The REPS Rate shall be adjusted annually to reflect the incremental and development costs the Cooperative anticipates incurring for the upcoming year to comply with the North Carolina Renewable Energy and Energy Efficiency Portfolio Standard divided by the weighted number of consumers projected in each revenue class over the same twelve month period.
2. Renewable Energy Portfolio Standard Experience Modification Factor (REPS EMF) – The REPS EMF is a rate calculated annually to recover the difference between reasonably and prudently incurred REPS costs and REPS revenues realized during the period under review.

**APPLICABLE TAXES:**

The total charges under the Rider will be increased by applicable sales taxes imposed by any governmental authority.