

CARTERET-CRAVEN ELECTRIC COOPERATIVE

RATE SCHEDULES

ADOPTED OCTOBER 22, 2012

EFFECTIVE WITH BILLS ON OR AFTER JANUARY 1, 2013

SCHEDULE RSE ADOPTED DECEMBER 19, 2011, EFFECTIVE JANUARY 1, 2012

SCHEDULES SGL AND STL REVISED JANUARY 28, 2013, EFFECTIVE FEBRUARY 1, 2013

SCHEDULES MGS, MGS-TU, AND LP REVISED MARCH 24, 2014, EFFECTIVE MARCH 31, 2014

RIDERS GP-1 AND REN-1 REVISED DEC. 21, 2015, DISCONTINUATION EFFECTIVE MARCH 31, 2016

RIDER SQF REVISED DEC. 21, 2015, EFFECTIVE WITH BILLS RENDERED ON OR AFTER JAN 1, 2016

RIDER REPS-1 REVISED DECEMBER 18, 2016, EFFECTIVE JANUARY 1, 2018

SCHEDULE R –RESIDENTIAL SERVICE, REVISED APRIL 24, 2017

SCHEDULE QF ADOPTED AUGUST 28, 2017, EFFECTIVE AUGUST 28, 2017

RATE SCHEDULES

DESCRIPTION

Rate Schedule R	- Residential Service
Rate Schedule R-TU	- Residential Service Time-Of-Use
Rate Schedule SGS	- Small General Service
Rate Schedule SGS-TU	- Small General Service Time-Of-Use
Rate Schedule MGS	- Medium General Service
Rate Schedule MGS-TU	- Medium General Service Time-Of-Use
Rate Schedule LP	- Large Power Service
Rate Schedule SGL	- Safe Guard Lighting Service
Rate Schedule STL	- Street Lighting Service
Rate Schedule RSL	- Residential Subdivision Lighting
Rate Schedule SFL	- Sports Field Lighting Service
Rate Schedule WPCA	- Wholesale Power and Cost Adjustment
Rider CSR	- Curtailable Service Rider
Rider GP-1	- NC GreenPower Program DISCONTINUED March 31, 2016
Rider REN-1	- NC GreenPower Program DISCONTINUED March 31, 2016
Rider REPS-1	- Renewable Energy & Energy Efficiency Portfolio Standard Rider
Rider QF	- Qualifying Facilities Purchased Power
Schedule RSE	- Residential Solar Energy Service
Rider COG	- Customer-Owned Generation Rider

SCHEDULE R RESIDENTIAL SERVICE

AVAILABILITY:

Service under this schedule is available for residential electric service and is subject to the Cooperative's Service Rules and Regulations. This schedule and the Service Rules and Regulations are subject to change from time to time.

APPLICABILITY:

This schedule is applicable for residential use and use incidental thereto supplied by separate meters to each residential service. Participation in prepaid service will require the installation of a remote disconnect meter.

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. Where available, three-phase, 60-hertz alternating current, service may be provided at one of the Cooperative's standard secondary voltages.

MONTHLY RATE:

Basic Facilities Charges:

Single-phase	\$ 22.80
Three-phase	\$ 46.75
Prepaid Service – single-phase only	\$ 25.80

Energy Charges:

Summer (Jun-Oct)	9.98¢ per kWh
Non-summer (Nov-May)	9.01¢ per kWh

WHOLESALE POWER AND COST ADJUSTMENT:

The above energy charges may be adjusted up or down to reflect changes in the Cooperative's purchased power costs from its wholesale power suppliers and to maintain the financial condition of the Cooperative as outlined in Rate Schedule WPCA.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge under this schedule will be \$22.80 for single-phase service and \$46.75 for three-phase service, unless specified otherwise in a service agreement between the Cooperative and customer. The minimum monthly charge for prepaid service will be \$25.80

SALES TAX:

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

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid within

the 25-day period, the right to suspend service is retained in accordance with the Cooperative's Service Rules and Regulations.

For accounts set up on prepaid service, it will be the customer's responsibility to maintain a credit balance on the account. Prorated electric charges will be calculated and debited from the credit balance daily. Account balances that fall below \$0.00 will be automatically disconnected per the Cooperative's Service Rules and Regulations.

**SCHEDULE R-TU
RESIDENTIAL SERVICE TIME-OF-USE**

AVAILABILITY:

This schedule is available as an optional rate for electric service normally provided under the Cooperative's Residential Service – Schedule R. Service under this schedule is subject to the Cooperative's Service Rules and Regulations. This schedule and the Service Rules and Regulations are subject to change from time to time.

APPLICABILITY:

This schedule is applicable for residential use and use incidental thereto supplied by separate meters to each residential service.

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. Where available, three-phase, 60-hertz alternating current, service may be provided at one of the Cooperative's standard secondary voltages.

MONTHLY RATE:

Basic Facilities Charges:

Single-phase	\$ 30.00
Three-phase	\$ 57.30

On-Peak Demand Charges:

Summer (Jun-Oct)	\$ 11.95
Non-summer (Nov-May)	\$ 9.95

Energy Charges:

All kWhs	4.39¢ per kWh
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WHOLESALE POWER AND COST ADJUSTMENT:

The above energy charges may be adjusted up or down to reflect changes in the Cooperative's purchased power costs from its wholesale power suppliers and to maintain the financial condition of the Cooperative as outlined in Rate Schedule WPCA.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge under this schedule will be \$30.00 for single-phase service and \$57.30 for three-phase service, unless specified otherwise in a service agreement between the Cooperative and customer.

BILLING DEMAND:

The On-Peak Billing Demand shall be the maximum integrated demand registered in any fifteen-minute interval during the on-peak hours of the billing month.

Rate Schedule R-TU – continued

ON-PEAK HOURS:

For the period April 16th through October 15th the On-Peak and Off-Peak times shall be:

On-Peak Hours: 2:30 p.m.–7:30 p.m., Monday-Friday, excluding those holidays as designated by the Cooperative.

Off-Peak Hours: All other times.

For the period October 16th through April 15th the on-Peak and Off-Peak times shall be:

On-Peak Hours: 6 a.m.-9 a.m., Monday -Friday, excluding those holidays as designated 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, and Christmas Day. When the holiday falls on Saturday, Friday will be observed as the holiday; when the holiday falls on Sunday, Monday will be observed as the holiday.

SALES TAX:

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

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid by the due date, late payment charges will be added and service will be subject to suspension by the Cooperative in accordance with its Service Rules and Regulations.

MINIMUM TERM OF SERVICE:

Service under this schedule is available on a month-to-month basis. However, effective January 1, 2007 this schedule shall not be available for any customer reapplying for service under this schedule.

**SCHEDULE SGS
SMALL GENERAL SERVICE**

AVAILABILITY:

The schedule is available for non-residential electrical service when metered demand is less than 50 kilowatts. When metered demand exceeds 50 kilowatts in any three months of the calendar year, the Customer will be reclassified to Schedule MGS, Medium General Service.

All electric service is subject to the Cooperative's Service Rules and Regulations. This schedule and the Service Rules and Regulations are subject to change from time to time.

APPLICABILITY:

Service under this schedule is applicable for non-residential use to Customer's premise at one point of delivery through one meter.

TYPE OF SERVICE:

Standard service under this schedule shall be single-phase or three-phase, 60-hertz alternating current, at one of the Cooperative's standard secondary, subject to mutual agreement between the Cooperative and Customer.

MONTHLY RATE:

Basic Facilities Charges:

Single-phase	\$ 35.00
Three-phase	\$ 60.50

Demand Charges: ^[1]

	<u>Summer</u> (Jun-Oct)	<u>Non-summer</u> (Nov-May)
First 15 kW	\$ 0.00	\$ 0.00
All kW over 15	\$ 10.75	\$ 8.25

Energy Charges:

First 3,000 kWhs	9.98¢
Over 3,000 kWhs	5.51¢

^[1] When the kilowatt hours used is less than 100 times the Customer's maximum kilowatt demand, the following proration will replace the full Demand Charge:

$$\text{Prorata Demand Charge} = \text{Hours Use Fraction} \times \text{Normal Demand Charge}$$

$$\text{Hours Use Fraction} = \frac{\text{kWh Use}/100}{\text{Maximum kW Demand}}$$

WHOLESALE POWER AND COST ADJUSTMENT:

The above energy charges may be adjusted up or down to reflect changes in the Cooperative's purchased power costs from its wholesale power suppliers and to maintain the financial condition of the Cooperative as outlined in Rate Schedule WPCA.

Rate Schedule SGS – continued

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the Customer's maximum kilowatt demand for any consecutive fifteen minute period during the month for which the bill is rendered.

MINIMUM MONTHLY CHARGES:

The Minimum Monthly Charge shall be the greater of \$1.00 per kVA of required transformer capacity or the minimum charge, if any, in the service agreement between the Cooperative and Customer.

SALES TAX:

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

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid within the 25-day period, the Cooperative's right to suspend service is retained in accordance with the Service Rules and Regulations.

MINIMUM TERM OF SERVICE:

Service under this schedule shall be provided for a minimum term of one year. Customers requiring service for less than nine months per year may be required, by separate agreement, to pay an amount acceptable to the Cooperative before service will be continued.

**SCHEDULE SGS-TU
SMALL GENERAL SERVICE TIME-OF-USE**

AVAILABILITY:

This schedule is available as an optional rate for electric service normally provided under the Cooperative's Small General Service – Schedule SGS. Service under this schedule is subject to the Cooperative's Service Rules and Regulations. This schedule and the Service Rules and Regulations are subject to change from time to time.

APPLICABILITY:

Service under this schedule is applicable for non-residential use to customer's premises at one point of delivery through one meter.

TYPE OF SERVICE:

Standard service under this schedule shall be single-phase or three-phase, 60-hertz alternating current, at one of the Cooperative's standard secondary, subject to mutual agreement between the Cooperative and Customer.

MONTHLY RATE:

Basic Facilities Charge:	\$ 65.00
On-Peak Demand Charges:	
Summer (Jun-Oct)	\$ 13.75
Non-summer (Nov-May)	\$ 11.50
Monthly Maximum Demand Charge:	\$ 2.75
Energy Charges:	
All kWhs	4.42¢ per kWh

WHOLESALE POWER AND COST ADJUSTMENT:

The above energy charges may be adjusted up or down to reflect changes in the Cooperative's purchased power costs from its wholesale power suppliers and to maintain the financial condition of the Cooperative as outlined in Rate Schedule WPCA.

MINIMUM MONTHLY CHARGES:

The Minimum Monthly Charge shall be the greater of \$1.00 per kVA of required transformer capacity or the minimum charge, if any, in the service agreement between the Cooperative and Customer.

BILLING DEMANDS:

The On-Peak Billing Demand shall be the maximum demand registered in any fifteen minute interval during the on-peak hours of the billing month.

The Monthly Maximum Demand shall be the Customer's maximum integrated demand during any fifteen consecutive minutes of the current billing month.

Rate Schedule SGS-TU – continued

ON-PEAK HOURS:

For the period April 16th through October 15th the On-Peak and Off-Peak times shall be:

On-Peak Hours: 2:30 p.m. – 7:30 p.m., Monday - Friday, excluding those holidays as designated by the Cooperative.

Off-Peak Hours: All other times.

For the period October 16th through April 15th the on-Peak and Off-Peak times shall be:

On-Peak Hours: 6:00 a.m. - 9:00 a.m., Monday - Friday, excluding those holidays as designated 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, and Christmas Day. When the holiday falls on Saturday, Friday will be observed as the holiday; when the holiday falls on Sunday, Monday will be observed as the holiday.

SALES TAX:

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

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid by the due date, late payment charges will be added and service will be subject to suspension by the Cooperative in accordance with its Service Rules and Regulations.

MINIMUM TERM OF SERVICE:

Service under this schedule is available for continuous year round service. Effective January 1, 2007 this schedule shall not be available for any customer reapplying for service under this schedule.

**SCHEDULE MGS
MEDIUM GENERAL SERVICE**

AVAILABILITY:

The schedule is available for non-residential electrical service when metered demand is between 50 and 500 kilowatts. When metered demand exceeds 500 kilowatts in any three months of the calendar year, the Customer will be reclassified to Schedule LP, Large Power Service. If the Customer's metered demands do not exceed 50 kilowatts in at least three of the preceding 12 months the Customer shall be reclassified to Schedule SGS, Small General Service.

All electric service is subject to the Cooperative's Service Rules and Regulations. This Schedule and the Service Rules and Regulations are subject to change from time to time by the Cooperative.

APPLICABILITY:

Service under this schedule is applicable for non-residential use to Customer's premise at one point of delivery through one meter.

TYPE OF SERVICE:

Standard service under this schedule shall be single-phase or three-phase, 60-hertz alternating current, at one of the Cooperative's standard secondary, subject to mutual agreement between the Cooperative and Customer.

MONTHLY RATE:

Basic Facilities Charge:		\$ 100.00
Demand Charges: ^[1]	Summer	Non-summer
	(Jun-Oct)	(Nov-May)
All kW	\$ 12.50	\$ 9.25
Energy Charge:		
All kWhs		4.76¢

^[1] A. Churches will receive a billing demand credit of \$3.00/kW in the summer months and \$1.50/kW in non-summer months.

B. When the kilowatt-hours used are less than 100 times the Customer's maximum kilowatt demand, the following proration will replace the full Demand Charge:

$$\text{Prorated Demand Charge} = \text{Hours Use Fraction} \times \text{Normal Demand Charge}$$

$$\text{Hours Use Fraction} = \frac{\text{kWh Use}/100}{\text{Maximum kW Demand}}$$

WHOLESALE POWER AND COST ADJUSTMENT:

The above energy charges may be adjusted up or down to reflect changes in the Cooperative's purchased power costs from its wholesale power suppliers and to maintain the financial condition of the Cooperative as outlined in Rate Schedule WPCA.

Rate Schedule MGS – continued

MINIMUM MONTHLY CHARGES:

The Minimum Monthly Charge shall be the greater of \$1.00 per kVA of required transformer capacity or the minimum charge, if any, in the service agreement between the Cooperative and Customer.

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the Customer's maximum kilowatt demand for any consecutive fifteen minute period during the month for which the bill is rendered.

POWER FACTOR ADJUSTMENT:

The Customer agrees to maintain unity power factor as nearly as practical. Demand charges may be adjusted to correct for average power factor lower than 85 percent in accordance with Service Rules and Regulations.

SALES TAX:

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

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid within the 25-day period, the Cooperative's right to suspend service is retained in accordance with the Service Rules and Regulations.

MINIMUM TERM OF SERVICE:

Service will be provided for a minimum term of one year. Customers requiring service for less than nine months per year may be required, by separate agreement, to pay an amount acceptable to the Cooperative before service will be continued.

**SCHEDULE MGS-TU
MEDIUM GENERAL SERVICE TIME-OF-USE**

AVAILABILITY:

This schedule is available as an optional rate for electric service normally provided under the Cooperative's Medium General Service – Schedule MGS. Service under this schedule is subject to the Cooperative's Service Rules and Regulations. This schedule and the Service Rules and Regulations are subject to change from time to time.

APPLICABILITY:

Service under this schedule is applicable for non-residential use to customer's premises at one point of delivery through one meter.

TYPE OF SERVICE:

Standard service under this schedule shall be single-phase or three-phase, 60-hertz alternating current, at one of the Cooperative's standard secondary, subject to mutual agreement between the Cooperative and Customer.

MONTHLY RATE:

Basic Facilities Charge:	\$125.00
On-Peak Demand Charges:	
Summer (Jun-Oct)	\$ 16.50
Non-summer (Nov-May)	\$ 12.25
Monthly Maximum Demand Charge:	\$ 2.75
Energy Charges:	
All kWhs	4.03¢ per kWh

WHOLESALE POWER AND COST ADJUSTMENT:

The above energy charges may be adjusted up or down to reflect changes in the Cooperative's purchased power costs from its wholesale power suppliers and to maintain the financial condition of the Cooperative as outlined in Rate Schedule WPCA.

MINIMUM MONTHLY CHARGES:

The Minimum Monthly Charge shall be the greater of \$1.00 per kVA of required transformer capacity or the minimum charge, if any, in the service agreement between the Cooperative and Customer.

BILLING DEMANDS:

The On-Peak Billing Demand shall be the maximum demand registered in any fifteen minute interval during the on-peak hours of the billing month.

The Monthly Maximum Demand shall be the Customer's maximum integrated demand during any fifteen consecutive minutes of the current billing month.

Rate Schedule MGS-TU – continued

ON-PEAK HOURS:

For the period April 16th through October 15th the On-Peak and Off-Peak times shall be:

On-Peak Hours: 2:30 p.m. – 7:30 p.m., Monday - Friday, excluding those holidays as designated by the Cooperative.

Off-Peak Hours: All other times.

For the period October 16th through April 15th the on-Peak and Off-Peak times shall be:

On-Peak Hours: 6:00 a.m. - 9:00 a.m., Monday - Friday, excluding those holidays as designated 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, and Christmas Day. When the holiday falls on Saturday, Friday will be observed as the holiday; when the holiday falls on Sunday, Monday will be observed as the holiday.

POWER FACTOR ADJUSTMENT:

The Customer agrees to maintain unity power factor as nearly as practical. Demand charges may be adjusted to correct for average power factor lower than 85 percent in accordance with Service Rules and Regulations.

SALES TAX:

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

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid by the due date, late payment charges will be added and service will be subject to suspension by the Cooperative in accordance with its Service Rules and Regulations.

MINIMUM TERM OF SERVICE:

Service under this schedule is available for continuous year round service. Effective January 1, 2007 this schedule shall not be available for any customer reapplying for service under this schedule.

**SCHEDULE LP
LARGE POWER SERVICE**

AVAILABILITY:

The schedule is available for non-residential electrical service when metered demand exceeds 500 kilowatts in any three months of a calendar year. If the Customer's metered demands do not exceed 500 kilowatts in at least three of the calendar year the Customer shall be reclassified to Schedule MGS, Medium General Service.

All electric service is subject to the Cooperative's Service Rules and Regulations. This Schedule and the Service Rules and Regulations are subject to change from time to time by the Cooperative.

APPLICABILITY:

Service under this schedule is applicable for non-residential use to Customer's premise at one point of delivery through one meter.

TYPE OF SERVICE:

Standard service under this schedule shall be three-phase, 60-hertz alternating current, at one of the Cooperative's standard secondary, subject to mutual agreement between the Cooperative and Customer.

MONTHLY RATE:

Basic Facilities Charge:		\$ 500.00
Demand Charges: ^[1]	Summer	Non-summer
	(Jun-Oct)	(Nov-May)
All kW	\$ 13.00	\$ 9.75
Energy Charge:		
All kWhs		4.11¢

^[1] When the kilowatt-hours used are less than 100 times the Customer's maximum kilowatt demand, the following proration will replace the full Demand Charge:

$$\begin{aligned} \text{Prorated Demand Charge} &= \text{Hours Use Fraction} \times \text{Normal Demand Charge} \\ \text{Hours Use Fraction} &= \frac{\text{kWh Use}/100}{\text{Maximum kW Demand}} \end{aligned}$$

WHOLESALE POWER AND COST ADJUSTMENT:

The above energy charges may be adjusted up or down to reflect changes in the Cooperative's purchased power costs from its wholesale power suppliers and to maintain the financial condition of the Cooperative as outlined in Rate Schedule WPCA.

MINIMUM MONTHLY CHARGES:

The Minimum Monthly Charge shall be the greater of \$1.00 per kVA of required transformer capacity or the minimum charge, if any, in the service agreement between the Cooperative and Customer.

Rate Schedule LP – continued

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the Customer's maximum kilowatt demand for any consecutive fifteen minute period during the month for which the bill is rendered.

POWER FACTOR ADJUSTMENT:

The Customer agrees to maintain unity power factor as nearly as practical. Demand charges may be adjusted to correct for average power factor lower than 85 percent in accordance with Service Rules and Regulations.

SALES TAX:

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

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid within the 25-day period, the Cooperative's right to suspend service is retained in accordance with the Service Rules and Regulations.

MINIMUM TERM OF SERVICE:

Service will be provided for a minimum term of one year. Customers requiring service for less than nine months per year may be required, by separate agreement, to pay an amount acceptable to the Cooperative before service will be continued.

**SCHEDULE SGL
SAFE GUARD LIGHTING SERVICE**

AVAILABILITY:

This schedule is available for lighting of outdoor areas on privately-owned property in all territory served by the Cooperative and is subject to the Cooperative's Service Rules and Regulations. This schedule and the Service Rules and Regulations are subject to change from time to time.

APPLICABILITY:

Lighting units will be furnished by the Cooperative under this Schedule for lighting of outdoor areas from dusk to dawn. Basic service will include installation, maintenance, and operation of lighting units, including electricity for illumination.

MONTHLY RATE:

Basic Rate:

Basic Rates are for the Cooperative's standard lighting fixtures bracket-mounted on existing distribution system poles. Additional charges will be required for separate area lighting poles, underground service, additional facilities, or other costs incurred to provide service.

	<u>Monthly Charge</u>	<u>Lamp Wattage</u>	<u>Monthly kWhs</u>
Mercury Vapor Units:			
7,000 lumens semi-enclosed	\$ 9.90	175	70
Sodium Vapor Units:			
9,500 lumens	\$ 9.90	100	40
27,500 lumens flood	\$ 19.35	250	100
50,000 lumens flood	\$ 26.50	400	160
Metal Halide Units:			
9,450 lumens	\$9.90	150	60
19,500 lumens	\$ 19.35	250	100
32,000 lumens	\$ 26.50	400	160
107,800 lumens	\$ 48.00	1,000	400
Jarrett Bay Roadway Light			
32,000 lumens	\$ 32.00	400	160

Additional Monthly Charges:

Separate Area Lighting Pole (Standard 30-foot Class 6)	\$ 2.75 per pole
Underground Service (up to 150 feet)	\$ 6.00

The Customer will make a one-time non-refundable contribution for other costs in excess of those normally incurred in providing service, such as materials, labor, and allocated overhead costs.

Rate Schedule SGL – continued

WHOLESALE POWER AND COST ADJUSTMENT:

The above energy charges may be adjusted up or down to reflect changes in the Cooperative's purchased power costs from its wholesale power suppliers and to maintain the financial condition of the Cooperative as outlined in Rate Schedule WPCA.

SALES TAX:

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

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid within the 25-day period, the Cooperative's right to suspend service is retained in accordance with the Service Rules and Regulations.

MINIMUM TERM OF SERVICE:

Service shall be provided as mutually agreed between the Cooperative and the Customer, but the minimum term for continuous service shall not be less than one year.

**SCHEDULE STL
STREET LIGHTING SERVICE**

AVAILABILITY:

This schedule is available to municipalities for lighting of public streets, highways, parks, and parking lots in the territory served by the Cooperative and are subject to the Cooperative's Service Rules and Regulations. This schedule and the Service Rules and Regulations are subject to change from time to time.

APPLICABILITY:

Lighting units will be furnished by the Cooperative under this Schedule for lighting of outdoor areas from dusk to dawn. Basic service will include installation, maintenance, and operation of lighting units, including electricity for illumination.

MONTHLY RATE:

Basic Rate:

Basic rates are for the Cooperative's standard street lighting fixtures bracket-mounted on existing distribution system poles. Additional charges will be required for separate street lighting poles, underground service, additional facilities, or other costs incurred to provide service.

	<u>Monthly Charge</u>	<u>Lamp Wattage</u>	<u>Monthly kWhs</u>
Mercury Vapor Units:			
7,000 lumens semi-enclosed	\$ 8.65	175	70
7,000 lumens decorative ^[1]	\$ 15.75	175	70
Sodium Vapor Units:			
9,500 lumens	\$ 8.65	100	40
27,500 lumens	\$ 14.70	250	100
50,000 lumens	\$ 18.25	400	160
Metal Halide Units:			
9,450 lumens	\$8.65	150	60

Additional Monthly Charges:

Separate Street Lighting Pole (Standard 30-foot Class 6)	\$ 2.00 per pole
Underground Service (up to 150 feet)	\$ 4.50

The Municipality will make a one-time non-refundable contribution for other costs in excess of those normally incurred in providing service. Reimbursement will include materials, labor, and allocated overhead costs.

^[1] Decorative Mercury Vapor Unit charges include all costs except excess footage.

Rate Schedule STL – continued

OTHER CONDITIONS OF SERVICE:

1. Repairs will be made during normal business hours promptly after notification of outage by Municipality.
2. The Municipality will become a Member of the Cooperative.
3. Damages from vandalism will be paid by the Municipality.

WHOLESALE POWER AND COST ADJUSTMENT:

The above energy charges may be adjusted up or down to reflect changes in the Cooperative's purchased power costs from its wholesale power suppliers and to maintain the financial condition of the Cooperative as outlined in Rate Schedule WPCA.

SALES TAX:

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

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid within the 25-day period, the Cooperative's right to suspend service is retained in accordance with the Service Rules and Regulations.

MINIMUM TERM OF SERVICE:

Service will be provided for a minimum term of ten years and will be extended thereafter from month to month unless terminated by Municipality or Cooperative.

**SCHEDULE RSL
RESIDENTIAL SUBDIVISION LIGHTING**

AVAILABILITY:

This schedule is available for lighting of public streets within a residential subdivision of single or duplex dwelling units which are located outside the corporate limits of a municipality at the time of the installation and are subject to the Cooperative's Service Rules and Regulations. This schedule and the Service Rules and Regulations are subject to change from time to time.

APPLICABILITY:

Applicable to Customers of the Cooperative located in residential subdivisions. Service herein is not applicable to the lighting of parking lots, shopping centers, or other public or commercial areas within residential subdivisions.

SERVICE:

The service supplied by the Cooperative will include the installation of a street lighting system, in accordance with the Cooperative's standards and requirements, which will be owned, maintained, and operated by the Cooperative, including the furnishing of the electricity required for the illumination of the lamps from dusk to dawn. Lighting units will be located by the Cooperative to provide the most uniform lighting possible in the residential area.

BASE RATE PER LIGHT PER MONTH:

For dusk to dawn lighting, with 7,000 lumen 175-Watt mercury vapor or 9,500 lumen 100-Watt high pressure sodium vapor, or 13,000 lumen 175-Watt metal halide lights, the following amount will be added to the monthly bill of each residential Customer located within the subdivision.

<u>Distribution System</u>	<u>Standard Pole Type</u>	<u>Type of Mounting</u>	<u>Customers Per Light ^[1]</u>	<u>Charge Per Customer</u>
Overhead	Wood	Bracket	6	\$2.20
Underground	Wood	Bracket	6	\$3.20
Underground	Fiberglass	Post	6	\$4.35
Underground	Fiberglass	Post	12	\$2.20
	Metal Halides		6	\$4.35

^[1] Number of Customers or major fraction thereof.

Rate Schedule RSL– continued

CONDITIONS OF SERVICE:

1. Subdivision lighting service shall be furnished in accordance with the Cooperative's standards and requirements. All street lighting equipment, including lamps, fixtures, controls, and any necessary street lighting circuits, transformers, and additional guys and fittings, will be furnished and maintained by the Cooperative.
2. Lamp replacement will be made by the Cooperative without additional charge. Outages will be reported by the Member promptly, and the Cooperative will promptly restore service.
3. Under normal conditions the residential subdivision developer will not be required to make a contribution in aid of construction for the street lighting system. However, in the event of unusual circumstances, a non-refundable contribution will be required as set forth in the Cooperative's established Service Rules and Regulations.

ANNEXATION CONSIDERATIONS:

1. If the subdivision is subsequently annexed and the municipality accepts the street lighting under a street lighting service contract, no monthly charge will be applied to the subdivision residents.
2. If the subdivision is subsequently annexed and the municipality does not accept the installed street lighting under a street lighting service contract, the service will continue to be provided under this Schedule with the applicable monthly charges.

CONTRACT PERIOD:

The applicable monthly charge set forth in this schedule shall be applied to the monthly billings of all residents in the subdivision as long as street lighting service is provided under any of the conditions as set out herein.

SALES TAX:

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

TERMS OF PAYMENT:

The monthly charges contained herein will be billed in conjunction with the Customer's normal bill for residential service. Such charges are due when rendered and are payable within 25 days. If the Customer's total bill, including the monthly charges contained therein, is not paid within the 25-day period, the right to suspend the Customer's residential service is retained in accordance with the Cooperative's Service Rules and Regulations.

**SCHEDULE SFL
SPORTS FIELD LIGHTING SERVICE**

AVAILABILITY:

All electric service under this schedule is subject to the Cooperative's Service Rules and Regulations. This schedule and the Service Rules and Regulations are subject to change from time to time.

APPLICABILITY:

Applicable for electric service used for lighting specially designed for outdoor fields that are normally used for football, baseball, softball, tennis, races, or other organized competitive sports. Service under this schedule shall be supplied to the Customer's premise at one delivery point through one meter.

TYPE OF SERVICE:

Standard service under this schedule shall be single-phase or three-phase, 60-hertz alternating current, at one of the Cooperative's standard primary or secondary, subject to mutual agreement between the Cooperative and Customer.

SERVICE PROVISIONS:

If service is furnished at one of the Cooperative's standard secondary voltages, the delivery point shall be the metering point, unless specified otherwise in the contract for service. If service is furnished at the Cooperative's primary voltage, the delivery point shall be the point where the Cooperative's primary line attaches to the Customer's structure, unless specified otherwise in the contract for service. All wiring, poles, and other electrical equipment on the load side of the delivery point shall be owned and maintained by the customer.

MONTHLY RATE:

Basic Facilities Charge:	\$ 50.00
Demand Charges:	
All kW	\$ 2.25
Energy Charge:	
All kWhs	5.07¢

WHOLESALE POWER AND COST ADJUSTMENT:

The above energy charges may be adjusted up or down to reflect changes in the Cooperative's purchased power costs from its wholesale power suppliers and to maintain the financial condition of the Cooperative as outlined in Rate Schedule WPCA.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the greatest of:

1. \$1.00 per kVA of required transformer capacity, or
2. The minimum charge, if any, in the service agreement between the Cooperative and Customer, or
3. A charge of 2% times the investment of the project.

Rate Schedule SFL – continued

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the Customer's maximum kilowatt demand during any consecutive fifteen minute period during the month for which the bill is rendered.

SALES TAX:

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

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid within the 25-day period, the Cooperative's right to suspend service is retained in accordance with the Service Rules and Regulations.

MINIMUM TERM OF SERVICE:

Service will be provided for a minimum term of one year. Customers requiring service for less than nine months per year may be required, by separate agreement, to pay an amount acceptable to the Cooperative before service will be continued.

**SCHEDULE WPCA
WHOLESALE POWER AND COST ADJUSTMENT**

APPLICABILITY:

This schedule is applicable to all kilowatt-hours of consumption billed under all the Cooperative's rate schedules.

ADJUSTMENT FACTOR:

Wholesale power adjustments are utilized to (1) reconcile the Cooperative's cost of electric power incurred with billed recoveries from customers, and/or (2) manage annual margins effectively. The cost of wholesale electric power built into the Cooperative's retail rates for electric service is currently \$0.07257/kWh. Calculated wholesale power cost adjustments include a gross receipts tax factor of 1.03327.

The adjustment factor is calculated based on estimated power bills and approved TIER requirements for the year, as determined by the Board of Directors to be appropriate to maintain the Cooperative's financial condition. The adjustment factor may be adjusted from time to time for (1) cumulative differences between actual costs and recoveries from consumers through the Cooperative's base rates and WPCA charges and (2) variances in projected year-end margins verses targeted margins.

**RIDER CSR
CURTAILABLE SERVICE RIDER**

AVAILABILITY:

This Rider is available as a companion schedule on a voluntary basis to any consumer with a verifiable curtailable load of at least 25 kW and taking service under the Cooperative's Small General Service, Medium General Service, or Large Power Service rate schedules.

The provisions of the Small General Service, Medium General Service, and Large Power Service rate schedules are modified only as shown within this Rider.

MONTHLY RATE:

The monthly rate shall be the amount computed on the Small General Service, Medium General Service, or Large Power Service, whichever is applicable based upon the consumer's load characteristics, plus the applicable Administrative Fee shown below, less the per kW discount times the curtailed demand as defined below.

Administrative Fee:	\$ 65.00
Demand Discount:	
Per kW of Curtailed Demand	\$ 4.50 per kW

CURTAILED DEMAND:

The Curtailable Demand shall be the consumer's maximum monthly billing demand less the consumer's maximum fifteen-minute demand occurring within any clock hour the Cooperative has requested the consumer to curtail their load.

NOTIFICATION:

Curtailments may be requested by the Cooperative at any time. The Cooperative will provide the Consumer with a load control switch which will be used to signal the Consumer 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 Consumer 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.

RIDER GP-1 NC GREENPOWER PROGRAM

AVAILABILITY:

This Rider is available on a voluntary basis in conjunction with any of the Cooperative's Schedules for a Customer 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 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 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 Customer purchases:

\$ 4.00 per block

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

While taking service under this Rider, the Customer 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 state-wide electricity grid in North Carolina during any specific month may vary from the number of blocks customers 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 from the Renewable Resources may not be specifically delivered to Customer, but will displace electricity that would have otherwise been produced from traditional generating facilities for delivery to customers within the State of North Carolina. This electricity shall be provided to the electricity grid.

Rider GP-1 – 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. Customers 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. Customers 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 customers 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 Customer 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 which 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.

NCUC Docket No. E-100, Sub 90

ADOPTED: December 16, 2002

REVISED December 21, 2015

DISCONTINUATION effective March 31, 2016

RIDER REN-1 NC GREENPOWER PROGRAM

AVAILABILITY:

This Rider is available on a voluntary basis in conjunction with any of Cooperative's non-residential service schedules for a Customer 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, 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 Customer 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 Customer's billing regardless of Customer's actual monthly kilowatt-hour consumption.

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 state-wide electricity grid in North Carolina during any specific month may vary from the number of blocks customers 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 from the Renewable Resources may not be specifically delivered to Customer, but will displace electricity that would have otherwise been produced from traditional generating facilities for delivery to customers within the State of North Carolina. This electricity shall be provided to the electricity grid.

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. Customers 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. Customers 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 customers 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 Customer 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 which 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.

Rider REN-1 – continued

NCUC Docket No. E-100, Sub 90

ADOPTED: December 16, 2002

REVISED December 21, 2015

DISCONTINUATION effective March 31, 2016

**RIDER REPS-1
RENEWABLE ENERGY & ENERGY EFFICIENCY
PORTFOLIO STANDARD RIDER**

AVAILABILITY:

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 the 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 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:

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>REPS EMF</u>	<u>Total Monthly Rate</u>
Residential	\$0.21	\$ 0.00	\$0.21
Commercial	\$1.15	\$ 0.00	\$1.15

DEFINITIONS:

1. Renewable Energy & Energy Efficiency Portfolio Standard (REPS) Rate – the REPS Rate shall be adjusted annually to reflect the incremental and development costs the Cooperative anticipates incurring for the coming 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 12-month period.
2. Renewable Energy & Energy Efficiency 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 any applicable sales taxes imposed by any government authority.

ADOPTED: November 24, 2008

REVISED: December 18, 2017

EFFECTIVE with bills rendered on or after January 1, 2018

RIDER QF
QUALIFYING FACILITIES PURCHASED POWER

AVAILABILITY:

Available only to members located in the Cooperative's service territory who have qualifying facilities fueled by trash or methane derived from landfills, hog waste, or poultry waste, or other renewable generating facilities contracting to sell generating capacity and energy greater than 25 kW, not in excess of 100 kW, which are interconnected directly with the Cooperative's system and which are qualifying facilities as defined by the Federal Energy Regulatory Commission pursuant to Section 210 of the Public Utility Regulatory Policies Act of 1978.

Service necessary for the delivery of the member's power into the Cooperative's system under this Rider shall be furnished solely to the individual contracting member in a single enterprise, located entirely on a single, contiguous premise. Service hereunder shall be restricted to the capacity of the member's generating facilities which may be operated in parallel with the Cooperative's system. Service necessary to supply the member's total load requirements other than Auxiliary Load, and service necessary to supply the member's Auxiliary Load when the member's generating facilities are not operating, shall be billed on the applicable Schedule(s) of the Cooperative. Power delivered to the Cooperative under this Rider shall not offset or be substituted for power contracted for or which may be contracted for under any other Schedule of the Cooperative.

The obligations of the Cooperative regarding 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 member 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. Consumers receiving service under this Rate Rider must have their renewable generation registered with the North Carolina Utilities Commission prior to connecting to the Cooperative's system.

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. Where three-phase service is available, voltages may be:

208/120 Volts, 4-Wire wye
480/277 Volts, 4-Wire wye

Service at other voltages may be available, at the option of the Cooperative.

Rider QF – continued

MONTHLY RATE:

Basic Facilities Charge (Nameplate Rating):

25 kW or less	\$ 3.75 per month
Greater than 25 kW	\$ 5.00 per month

	<u>Variable Credit</u>	<u>Fixed Long-Term Credit 5-Years¹</u>
Energy Credits:		
All Energy per Month	4.30¢ per kWh ²	4.42¢ per kWh

¹ The Fixed Long Term Credit is not available for qualifying facilities with a nameplate capacity of 25 kW or less.

² The energy credit will be changed and updated in accordance with changes in the avoided costs of the Cooperative's wholesale provider.

RENEWABLE ENERGY CERTIFICATES:

Payments and/or credits for the Renewable Energy Certificates (RECs) and any environmental attributes produced because of the energy generated by the renewable generation shall be negotiated between the member 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. Consumers receiving compensation for the RECs from the Cooperative shall not be eligible to participate in NC GreenPower's renewable generation program.

INTERCONNECTION FACILITIES CHARGE:

The member shall be responsible for providing suitable control and protective devices on their equipment to assure no disturbance to other members of the Cooperative or to the Cooperative itself, and to protect the member'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 and the member shall make an upfront contribution-in-aid of construction equal to the installed cost of 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 member'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 member under this Rider as determined by the Cooperative. All such distribution, service, and interconnection related facilities shall be subject to a monthly Interconnection Facilities Charge equal to 1.0% times installed cost of the required

Rider QF – continued

interconnection related facilities. For units greater than 25 kW, the minimum monthly Interconnection Facilities Charge shall be \$20.00.

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.

POWER FACTOR CORRECTION:

When the average monthly power factor of the power supplied by the member to the Cooperative is less than 97 percent or greater than 100 percent, the Cooperative may correct the energy, in kilowatt-hours, as appropriate. The Cooperative reserves the right to install facilities necessary for the measurement of power factor and to adjust the Interconnection Facilities Charge accordingly, solely at the option of the Cooperative.

RATE UPDATES:

The Basic Facilities Charge, minimum Interconnection Charge, and Energy Credits of this Rider may be updated on an annual basis. Any changes in the Energy Credits will be based upon changes in the avoided cost of the Cooperative's wholesale power supplier. Members who have contracted for the Fixed Long-Term Credits will not be affected by updates in the Energy Credits until their rate term expires. For all Qualifying Facilities selling to the Cooperative pursuant to the Variable Credit provisions of this Rider, such credits shall be updated and changed in accordance changes in the avoided cost of the Cooperative's wholesale power supplier.

DEFINITIONS:

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

Capacity: The term "Capacity" shall mean the Nameplate Capacity of the member'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 excitors).

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.

SALES TAX:

Any applicable State and local sales taxes will be added to all services billed under this schedule.

Rider QF – continued

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid by the due date, late payment charges will be added and service will be subject to suspension by the Cooperative in accordance with its Service Rules and Regulations.

CONTRACT PERIOD:

Each member shall enter into a contract which will specify the capacity of the Qualifying Facility and shall specify the initial term and the associated rate at the time the contract is executed. The initial term for members receiving credits under the variable rate and the five-year fixed long-term rate shall be a minimum of five (5) years.

The Cooperative reserves the right to terminate the member's contract under this Rider at any time upon written notice to the member if the member violates any of the terms or conditions of this Rider or operates its generating facilities in a manner which is detrimental to the Cooperative or any of its members or fails to deliver energy to the Cooperative for six (6) consecutive months. In the event of early termination of a contract under this Rider, the member will be required to pay the Cooperative for costs due to such early termination.

ADOPTED: August 28, 2017

EFFECTIVE with bills rendered on or after August 28, 2017

**SCHEDULE RSE
RESIDENTIAL SOLAR ENERGY SERVICE**

AVAILABILITY:

Service under this schedule is available on a voluntary basis to residential consumers normally served under the Cooperative's Residential Service schedule, but have elected to receive energy produced from the Cooperative's solar energy projects. The number of consumers receiving service under this schedule may be limited based upon the Cooperative's estimated level of available solar energy. Electric service under this schedule is subject to the Cooperative's Service Rules and Regulations, which are subject to change from time to time.

APPLICABILITY:

This schedule is applicable for residential use and incidental thereto supplied by separate meters to each residential service.

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. Where available, three-phase, 60-hertz alternating current, service may be provided at one of the Cooperative's standard secondary voltages.

MONTHLY RATE:

Distribution Service:

Basic Facilities Charges:

Single-phase	\$22.80
Three-phase	\$46.75

All kWhs	1.36¢ per kWh
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Electricity Supply Service:

Energy Charge:

All kWhs	15.24¢ per kWh
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MINIMUM MONTHLY CHARGE:

The minimum monthly charge under this schedule will be \$22.80 for single-phase service and \$46.75 for three-phase service, unless specified otherwise in a service agreement between the Cooperative and customer.

WHOLESALE POWER AND COST ADJUSTMENT:

All energy purchased under this schedule shall be exempt from the Cooperative's Wholesale Power Cost Adjustment Clause, but are to be subject to the Cooperative's TIER Adjustment Clause.

Schedule RSE – continued

SPECIAL TERMS AND CONDITIONS:

1. The above energy charge is based upon the Cooperative's avoided power cost for solar energy, as calculated by their wholesale power supplier, and the blended cost of the solar renewable energy certificates the Cooperative forecasts purchasing in the upcoming year. The Cooperative may adjust the energy charge to reflect any changes related to their power supplier's avoided cost and/or the cost of the solar renewable energy certificates.
2. Energy produced by solar energy projects may be less than forecasted due to weather conditions and other factors beyond the Cooperative's control. In the event that the Cooperative sells more kWhs under this schedule than the Cooperative's solar projects generated, the excess kWhs sold by the Cooperative will be billed under the Cooperative's Residential Service schedule.
3. At its discretion, the Cooperative may limit a consumer's participation in the solar energy program based upon the consumer's bill payment and collection history.
4. Consumers receiving service under this schedule shall be exempt from the charges related to the Cooperative's Renewable Energy & Energy Efficiency Portfolio standard Rider.

SALES TAX:

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

TERMS OF PAYMENT:

Bills are due when rendered and are payable within 25 days. If the bill is not paid within the 25 day period, the right to suspend service is retained in accordance with the Cooperative's Service Rules and Regulations.

ADOPTED: December 19, 2011

REVISED: October 22, 2012

EFFECTIVE with bills rendered on or after January 1, 2013

RIDER COG CUSTOMER-OWNED GENERATION RIDER

AVAILABILITY:

This Rider is available, on a voluntary basis and in conjunction with any of the Cooperative's Rate Schedules, to retail consumers located in the Cooperative's service territory that own and operate a generating unit(s) that can be called upon from time to time by the Cooperative's wholesale power supplier, as an additional generation resource. There is no minimum amount of generation or load drop required to participate in the Cooperative's Customer-Owned Generation (COG) Program, but the maximum number of consumers and/or load served under this Rider may be limited by the Cooperative's wholesale power supplier.

In addition to all the other provisions of the applicable rate schedule the consumer normally receives service under, the following provisions shall apply:

1. Consumers served under this Rider may not use their generation for peak shaving purposes and must agree to have their generators automatically dispatched by the Cooperative.
2. All load served under this Rider will be required to have metering that is capable of measuring the consumer's load in fifteen-minute intervals. If the consumer's load is greater than 500 kW, an additional meter on the generator will be required to verify the generation produced by the generator during a COG event. This meter must also be capable of capturing fifteen-minute interval data.
3. Prior to being accepted into the COG program, a generator must pass Automation Qualification Test. Under this test, the Cooperative must demonstrate its ability to automatically start and stop the consumer's generation from a remote location and demonstrate that it can successfully transfer the fifteen-minute interval meter data from the Cooperative's metering system to their power supplier's Control Data and Settlement System (CDSS).
4. The COG program is structured similar to a call option for power with limits on run times and total hours of operation each year. The operating parameters include the following:
 - Minimum of sixty (60) minutes notification prior to a COG event;
 - Minimum run time of one (1) hour per unit;
 - Maximum run time of eight (8) hours per unit; and
 - Maximum dispatch will not exceed sixty (60) total hours per calendar year.

Consumer's subscribing to the Cooperative's COG program must agree not to have their generator(s) down for scheduled maintenance during the months of June, July, or August.

MONTHLY RATE:

The consumer shall be billed under their applicable Rate Schedule of the Cooperative as appropriate based upon the size of their load, plus any charges and credits outlined in this Rider:

Demand Credit:

\$ 4.00 per kW

Energy Credit:

Calculated based on actual run time, fuel price index, and standard heat rate.

Rider COG – continued

DEMAND CREDIT:

The Demand Charge Credit will be paid monthly even if the consumer's generator is not called upon to perform in the month the credit is being paid. The monthly demand the credit is applied to, shall be the lesser of:

1. The Guaranteed Load Drop (GLD), which is the amount of load the generation owner commits to remove from the Cooperative's distribution system when a COG event is called; or
2. The full Nameplate Capacity of the generator.

If the actual load drop is less than 95% of the GLD during a COG event, the credit going forward will be based on the actual amount of load dropped, unless the consumer can demonstrate through a COG test that the COG can deliver the GLD amount. In this case, the Cooperative and consumer may arrange for a test COG event to verify the amount of load the consumer can take off line under normal circumstances. This test will be done at the consumer's expense. If the test results in a deviation of more than 5% from the subscribed capacity amount, the capacity credits for the remainder of the year will be adjusted to reflect the new subscribed amount.

ENERGY CREDIT:

In the month that the consumer's generation is used to control load on the Cooperative's system, the consumer will receive an energy credit based upon the amount of load that was dropped due to the consumer's generator. For loads less than 500 kW, the energy amounts will be estimated based upon typical load curves derived from 15-minute interval data collected from load meters for the consumer on days the generator was not in use. For loads greater than 500 kW, metering is required and the consumer shall be reimbursed based upon actual kWh energy that the generator produced.

The energy credit will be based upon a standard heat rate of 12,000 Btu/kWh and a fuel price index. The fuel price index used will be the Lower Atlantic (PADD 1C) Diesel (On-Highway) Ultra Low Sulfur as found on the EIA Petroleum and Other Liquids website (<http://www.eia.gov/petroleum/gasdiesel/>) for the week the generator was dispatched.

SUBSCRIPTION PROCESS

For 2013:

There is an "Open Season" process to enroll Existing COG. The deadline for enrolling Existing COG is December 12, 2012. Any COG enrolled after that date will be considered Additional COG and be subject to an allocation process which limits the amount of COG the Cooperative may subscribe to the program.

In addition to the enrollment process, there is an Automation Qualification deadline for the remote starting and stopping of the generator(s) and the electronic data transfer between the Cooperative's metering system and their wholesale power supplier's CDSS. The deadline for the Automation Qualification is May 1, 2013.

Generators enrolled by December 12, 2012 will begin receiving capacity credits beginning on the January 2013 bill, which will be rendered in February. If the generator(s) has not

Rider COG – continued

yet passed the Automation Qualification the consumer must work with the Cooperative in developing a written Manual Dispatch Plan to be used until the Automation Qualification is completed.

For 2014 and beyond:

Consumers wishing to enroll or remain in the program must notify the Cooperative by October 15 of each year for the upcoming calendar year. Each new generator being subscribed to the program must demonstrate Automation Qualification by December 1, in order to participate in the program in the upcoming year.

SUBSCRIPTION ADJUSTMENTS:

If a member currently in the Cooperative's COG Program wishes to adjust the amount they have subscribed to the program there will be only one opportunity per year to increase the capacity subscribed and multiple opportunities to decrease their subscribed amount. Consumers wishing to increase their subscription amount must notify the Cooperative prior to October 15 for the upcoming calendar year. Increases will take effect in January of the following year. Depending upon the Cooperative's allocation from their wholesale power supplier, the Cooperative may or may not be able to grant the request for increases in the amount of generation the consumer wishes to add to the program. Requests will be handled on a first-come first-serve basis. If the Cooperative is unable to meet the request, the consumer will be notified by November 15.

If the consumer wishes to decrease their subscription amount, the consumer may notify the Cooperative prior to October 15 of any year that they wish to withdraw or subscribe a lesser amount of COG for the upcoming calendar year. If during the commitment year, the consumer realizes they cannot meet their full obligation; their Guaranteed Load Drop can be adjusted by providing 30 days written notice to the Cooperative.

SALES TAX:

Any applicable State and local sales taxes will be added to all services billed under this Rider.

ADOPTED: October 22, 2012

EFFECTIVE with bills rendered on or after January 1, 2013