

Edgecombe-Martin County Electric Membership Corporation



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NCUC Docket EC-16, Sub 148

Electric Rate Schedules

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION
TARBORO, NORTH CAROLINA**

**RATE SCHEDULES
TABLE OF CONTENTS**

<u>Title</u>	<u>Page No.</u>
Schedule A – Public Street and Highway Lighting Service	1
Schedule B – Residential Service	2
Schedule C-PEV – Residential Time-of-Use Service and Plug-in Electric Vehicle	3
Schedule D – Seasonal Service	5
Schedule E – General Service	7
Schedule F – Large Power Service	9
Schedule G – Security Lighting Service	11
Schedule H – Resale Service	12
Rider No. 3 – Primary Service	14
Schedule SSL – Subdivision Street Lighting Service	16
Schedule WPCA – Wholesale Power Cost Adjustment	19
Rider SRG – Small Renewable Generation Rider	20
Rider REPS 1 – Renewable Energy Portfolio Standard Rider	23
Rider EE 1 – Energy Efficiency Rider	24
Rider SS – Standby Service Rider	27
Schedule EV-CSS – Electric Plug-In Vehicle Charging Station Service	30

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**PUBLIC STREET AND HIGHWAY LIGHTING SERVICE
SCHEDULE A**

AVAILABILITY:

Electric service is available under this schedule for lighting of streets, highways, parks and other public places with member-owned fixtures. The Cooperative will install member's fixtures on its distribution system poles and provide illumination from dusk to dawn.

SERVICE:

The Cooperative will repair lighting facilities during normal business hours, as soon as practical after notification by member that repairs are needed.

MONTHLY RATE:

Energy Charge: 15.87 ¢ per kWh

EXTRA FACILITIES:

When additional poles are installed in order to provide service under this schedule, member will be charged \$1.95 per month for each additional pole.

SALES TAX:

Any applicable State and Local Sales Taxes will be added to all service billed under this schedule.

PAYMENTS:

Bills are due upon receipt and are payable within twenty-five (25) days of billing date.

MINIMUM SERVICE TERM:

Service will be provided under this schedule for a minimum of two (2) years in order to qualify for refund of security deposit.

GENERAL:

Service rendered under this Schedule is subject to the Cooperative's Service Rules and Regulations, as amended from time to time.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**RESIDENTIAL SERVICE
SCHEDULE B**

AVAILABILITY:

Electric service is available under this Schedule for residential use and incidental farm and other use supplied through one meter to each resident, farm building, or apartment unit. Service under this Schedule is not available for commercial or other business establishments, institutions, and farm or residential uses with individual motors in excess of 10 horsepower.

Temporary service is permitted only for construction that will be followed by permanent service under this Schedule. Seasonal, resale and standby uses are not permitted.

TYPE OF SERVICE:

Single-phase, and where available, three-phase sixty (60) hertz alternating current is available at standard secondary voltages provided by the Cooperative.

MONTHLY RATE:

Basic Charge:	\$ 30.00 per month (postpaid account)
	\$ 35.50 per month (prepaid account)
Energy Charge:	
All kWh	12.95 ¢ per kWh

WHOLESALE POWER COST ADJUSTMENT:

The above charges per kWh will be increased or decreased by 0.001 cents per kWh, or major fraction thereof, by which the Cooperative's average cost of purchased power per kWh exceeds or is less than the base cost of purchased power in Schedule WPCA, adjusted for line losses and applicable taxes.

SALES TAX:

Any applicable State and Local Sales Taxes will be added to all service billed under this schedule.

PAYMENTS:

Bills are due upon receipt and are payable within twenty-five (25) days of billing date.

MINIMUM SERVICE TERM:

Service other than construction service will be provided under this Schedule for a minimum term of one (1) year.

GENERAL:

Service rendered under this Schedule is subject to the Cooperative's Service Rules and Regulations, as amended from time to time..

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**RESIDENTIAL TIME-OF-USE SERVICE and PLUG-IN ELECTRIC VEHICLE
SCHEDULE C-PEV**

AVAILABILITY:

Electric service is available under this Schedule as an option to members who qualify for service under the Cooperative's Residential Service Schedule (Schedule B), subject to the availability of time-of-use meters and other limitations.

TYPE OF SERVICE:

Single-phase and, where available, three-phase sixty (60) hertz alternating current is available at standard secondary voltages provided by the Cooperative.

MONTHLY RATE:

Basic Charge:	\$39.50 per month
Demand Charge:	
All Billed On-Peak kW	\$ 9.10 per On-Peak kW
Energy Charge:	
All On-Peak Energy	9.32 ¢ per kWh
All Off-Peak Energy	8.00 ¢ per kWh
All Super Off-Peak Energy	3.97 ¢ per kWh

BILLING DEMAND:

The demand is the maximum kilowatts registered or computed from the Cooperative's metering during On-Peak hours in the month of service.

DETERMINATION OF ON-PEAK AND OFF-PEAK PERIODS:

On-Peak, Off-Peak, and Super Off-peak times shall be defined as the following:

For the period beginning April 16th through October 15th the On-Peak times shall be 2:00 p.m. until 8:00 p.m.

For the period beginning October 16th through April 15th the On-Peak times shall be 6:00 a.m. until 10:00 a.m.

Super Off-Peak times shall be 10:00 p.m. until 5:00 a.m. for all days of the week.

Off-Peak times are all other times.

Residential TOU PEV Service
Schedule C-PEV
Page 2 of 2

WHOLESALE POWER COST ADJUSTMENT:

The above charges per kWh will be increased or decreased by 0.001 cents per kWh, or major fraction thereof, by which the Cooperative's average cost of purchased power per kWh exceeds or is less than the base cost of purchased power in Schedule WPCA, adjusted for line losses and applicable taxes.

NET METERING

For member's having another source of electrical power, not held solely for emergency use or peak shaving purposes, Rider NM will apply in conjunction with Schedule C_PEV.

SALES TAX:

Any applicable State and Local Sales Taxes will be added to all service billed under this schedule.

PAYMENTS:

Bills are due upon receipt and are payable with twenty-five (25) days of billing date.

MINIMUM SERVICE TERM:

Service will be provided under this Schedule on a month-to-month basis, except that members who have previously received Residential Time-of-Use Service at the same locations must agree to a minimum term of one year.

GENERAL:

Service rendered under this Schedule is subject to the Cooperative's Service Rules and Regulations, as amended from time to time.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**SEASONAL SERVICE
SCHEDULE D**

AVAILABILITY:

Electric service is available under this schedule in the territory served by the Cooperative when the member's use is seasonal or varies greatly during the year. This schedule is available for farm and other non-residential uses when at least 70% of annual kWh requirements are used in any consecutive four months. Service is not available under this schedule for temporary, standby or resale services.

TYPE OF SERVICE:

Sixty- (60) hertz alternating current is available at standard single-phase and three-phase secondary voltages provided by the Cooperative, and at other voltages by agreement.

MONTHLY RATE:

Basic Charges:

Single-Phase Service	\$ 45.00*
Three-Phase Service	\$ 63.75*

Energy Charge: 13.98 ¢ per kWh**

* Total Basic Charges for the year will be billed during the three months of August-October.

** No Charge will be made for less than 100 kWh.

CONTRACT FACILITIES CHARGE:

When a facilities charge is specified in the Service Agreement, it will replace the Basic Monthly Charge.

POWER FACTOR ADJUSTMENT:

The member will maintain unity power factor as nearly as practical. When the overall power factor of a member's load is less than ninety percent (90%) lagging, the Cooperative may require the member to install equipment to correct the power factor. The Cooperative reserves the right to measure the power factor at any time.

WHOLESALE POWER COST ADJUSTMENT:

The above charges per kWh will be increased or decreased by 0.001 cents per kWh, or major fraction thereof, by which the Cooperative's average cost of purchased power per kWh exceeds or is less than the base cost of purchased power in Schedule WPCA, adjusted for line losses and applicable taxes.

**Seasonal Service
Schedule D
Page 2 of 2**

PAYMENTS:

Bills are due upon receipt and are payable within twenty-five (25) days of billing date.

MINIMUM SERVICE TERM:

Service will be provided for a minimum term of one year.

GENERAL:

Service rendered under this schedule is subject to the Cooperative's Service Rules and Regulations, as amended from time to time.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**GENERAL SERVICE
SCHEDULE E**

AVAILABILITY:

Electric service is available under this Schedule in the territory served by the Cooperative for nonresidential use with less than 100 kVA of transformer capacity. Resale and standby services are not permitted.

TYPE OF SERVICE:

Sixty- (60) hertz alternating current is available at standard single-phase and three-phase secondary voltages provided by the Cooperative, and at other voltages by agreement.

MONTHLY RATE:

Basic Charges:

Single-Phase Service	\$ 38.25 per month
Three-Phase Service	\$ 55.00 per month

Demand Charges:

First 25 kW of Billed Demand	\$ 0.00 per kW
Over 25 kW of Billed Demand	\$ 9.40 per kW

Energy Charges:

First 4,000 kWh	12.22 ¢ per kWh
Next 8,000 kWh	8.31 ¢ per kWh
Over 12,000 kWh	7.06 ¢ per kWh

BILLING DEMAND:

The Billing Demand is the maximum kilowatts registered or computed from the Cooperative's metering in any 15-minute interval during the month of service.

POWER FACTOR ADJUSTMENT:

The member will maintain unity power factor as nearly as practical. When the overall power factor of a member's load is less than ninety percent (90%) lagging, the Cooperative may require the member to install equipment to correct the power factor; or the Cooperative will determine the Billing Demand by multiplying the maximum demand during the month by ninety percent (90%) and dividing the product thus obtained by the power factor at the time of maximum monthly demand expressed in percent. The Cooperative reserves the right to measure power factor at any time.

WHOLESALE POWER COST ADJUSTMENT:

The above charges per kWh will be increased or decreased by 0.001 cents per kWh, or major fraction thereof, by which the Cooperative's average cost of purchased power per kWh exceeds or is less than the base cost of purchased power in Schedule WPCA, adjusted for line losses and applicable taxes.

SALES TAX:

Any applicable State and Local Sales Taxes will be added to all service billed under this schedule.

PAYMENTS:

Bills are due upon receipt and are payable within twenty-five (25) days of billing date.

MINIMUM SERVICE TERM:

Service will be provided for a minimum term of one year, unless member agrees to reimburse installation and the other costs under the Cooperative's provisions for Temporary Service.

GENERAL:

Service rendered under this Schedule is subject to the Cooperative's Service Rules and Regulations, as amended from time to time.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**LARGE POWER SERVICE
SCHEDULE F**

AVAILABILITY:

Electric service is available under this Schedule when 100 kVA or more of transformer capacity is needed for the member's load. This Schedule is not available for standby or supplemental service, resale service, or any new member with an anticipated demand of 5,000 kW or greater. Members with anticipated kW demands of 5,000 or greater will receive service under a special contract with the Cooperative.

TYPE OF SERVICE:

Three-phase, sixty- (60) hertz alternating current is available at standard secondary and primary voltages subject to mutual agreement between the Cooperative and the member.

MONTHLY RATE:

Basic Charge: \$ 225.00 per month

Demand Charges:

First 150 kW of Billed Demand	\$ 6.50 per kW
Over 150 kW of Billed Demand	\$ 8.25 per kW

Energy Charges:

First 15,000 kWh	7.36 ¢ per kWh
Next 15,000 kWh	5.81 ¢ per kWh
Next 50,000 kWh	5.35 ¢ per kWh
Over 80,000 kWh	5.02 ¢ per kWh

BILLING DEMAND:

The Billing Demand is the maximum kilowatts registered or computed from the Cooperative's metering in any 15-minute interval during the month of service.

POWER FACTOR ADJUSTMENT:

The member will maintain unity power factor as nearly as practical. When the overall power factor of a member's load is less than ninety percent (90%) lagging, the Cooperative may require the member to install equipment to correct the power factor; or, the Cooperative will determine the Billing Demand by multiplying the maximum demand during the month by ninety percent (90%) and dividing the product thus obtained by the power factor at the time of maximum monthly demand expressed in percent. The Cooperative reserves the right to measure the power factor at any time.

**Large Power Service
Schedule F
Page 2 of 2**

WHOLESALE POWER COST ADJUSTMENT:

The above charges per kWh will be increased or decreased by 0.001 cents per kWh, or major fraction thereof, by which the Cooperative's average cost of purchased power per kWh exceeds or is less than the base cost of purchased power in Schedule WPCA, adjusted for line losses and applicable taxes.

SALES TAX:

Any applicable State and Local Sales Taxes will be added to all service billed under this schedule.

PAYMENTS:

Bills are due upon receipt and are payable within twenty-five (25) days of billing date.

MINIMUM SERVICE TERM:

Service will be provided under this Schedule for a minimum term of one year, unless member agrees to reimburse installation and the other costs under the Cooperative's provisions for Temporary Service.

GENERAL:

Service rendered under this Schedule is subject to the Cooperative's Service Rules and Regulations, as amended from time to time.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**SECURITY LIGHTING SERVICE
SCHEDULE G**

AVAILABILITY:

Electric service is available under this schedule for lighting of outdoors areas when the Cooperative owns the fixtures. The Cooperative will install fixtures on its distribution system poles and provide illumination from dusk to dawn.

SERVICE:

The Cooperative will repair lighting facilities during normal business hours, as soon as practical after notification by member that repairs are needed. Installation of any security light requires a deposit of \$30.

MONTHLY RATE:

Mercury Vapor¹

175 Watt	\$ 9.72 per month
400 Watt	\$ 17.80 per month

High Pressure Sodium¹

100 Watt	\$ 9.72 per month
250 Watt	\$ 16.25 per month

Light Emitting Diode (LED)

44-48 Watt	\$ 9.72 per month
98 Watt	\$10.40 per month

¹ These lights are no longer available.

EXTRA FACILITIES:

When additional poles are installed in order to provide service under this Schedule, member will be charged \$1.95 per month for each additional pole.

SALES TAX:

Any applicable State and Local Sales Taxes will be added to all service billed under this schedule.

PAYMENTS:

Bills are due upon receipt and are payable within twenty-five (25) days of billing date.

MINIMUM SERVICE TERM:

Service will be provided under this Schedule for a minimum term of two years in order to qualify for refund of security light deposit.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**RESALE SERVICE
SCHEDULE H**

AVAILABILITY:

Electric service is available under this Schedule for resale. Temporary, standby and seasonal uses are not permitted.

TYPE OF SERVICE:

Three-phase sixty- (60) hertz alternating current is available at standard primary voltages subject to mutual agreement between the Cooperative and the member.

MONTHLY RATE:

Basic Charge:	\$ 750.00 per month
Demand Charge:	\$ 16.00 per kW of Billed Demand
Energy Charges:	
First 400 kWh per kW of Billing Demand	5.41 ¢ per kWh
Over 400 kWh per kW of Billing Demand	4.44 ¢ per kWh

BILLING DEMAND:

The billing demand is the maximum kilowatts registered or computed from the Cooperative's metering in any 15-minute interval during the month of service.

POWER FACTOR ADJUSTMENT:

The member will maintain unity power factor as nearly as practical. When the overall power factor of a member's load is less than ninety percent (90%) lagging, the Cooperative may require the member to install equipment to correct the power factor, or, the Cooperative will determine the Billing Demand by multiplying the maximum demand during the month by ninety percent (90%) and dividing the product thus obtained by the power factor at the time of maximum monthly demand expressed in percent. The Cooperative reserves the right to measure the power factor at any time.

WHOLESALE POWER COST ADJUSTMENT:

The above charges per kWh will be increased or decreased by 0.001 cents per kWh, or major fraction thereof, by which the Cooperative's average cost of purchased power per kWh exceeds or is less than the base cost of purchased power in Schedule WPCA, adjusted for line losses and applicable taxes.

SALES TAX:

Any applicable State and Local Sales Taxes will be added to all service billed under this schedule.

**Resale Service
Schedule H
Page 2 of 2**

PAYMENTS:

Bills are due upon receipt and are payable within twenty-five (25) days of billing date.

MINIMUM SERVICE TERM:

Service will be provided under this Schedule for a minimum term of one year.

GENERAL:

Service rendered under this Schedule is subject to the Cooperative's Service Rules and Regulations, as amended from time to time.

**EDGEcombe-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**PRIMARY SERVICE
RIDER NO. 3**

AVAILABILITY:

A demand charge discount under this rider is available for members taking electric service at the Cooperative's standard primary voltages. This Rider is available in conjunction with service under the Cooperative's Large Power (F) and Resale (H) Schedules which otherwise qualify for service under Schedule F.

The availability of this discount is contingent upon the member taking delivery at a Cooperative standard primary voltage, as available, at the property line of the member or other mutually agreeable point of delivery. All electric service for the contiguous property of the member must be received through a single delivery point.

MONTHLY DISCOUNT:

The member will receive a discount of \$0.22 per kW of all billing demand.

FACILITIES RESPONSIBILITY:

The Cooperative will be responsible for all facilities of the distribution system up to the delivery point. The member will be responsible for all facilities beyond the delivery point (except as provided by the Cooperative under Metering below) including but not limited to ownership, operation, maintenance, losses, taxes, environmental and liability cost. The Cooperative may change the primary service voltage with a two-year notice to the member. With such notice the member must provide equipment at its expense to receive the new voltage.

METERING:

The Cooperative reserves the right to meter primary service either at the point of delivery or at each point of usage totalized and compensated for losses back to the point of delivery. All metering equipment will be furnished, operated, and maintained by the Cooperative. The member is responsible for providing and installing meter sockets for each single-phase or three-phase point of usage with a capacity of 320 amperes or less.

It is the responsibility of the member to notify the Cooperative prior to initiating an additional point of usage.

OPERATING COORDINATION:

The Cooperative may protect its primary distribution system from faults on the member's system by installing primary single-phase fuses at the point of delivery. Should the member desire a higher level of protection, the member may provide the device on the member side of the point of delivery or request the Cooperative to provide a higher-level device upon agreeing to pay an installation charge and monthly maintenance charge.

It is the responsibility of the member to report additions or removals of equipment, which will increase or decrease the member's load by more than ten percent (10%).

Members are prohibited from operating Cooperative-owned equipment without specific prior approval of the Cooperative.

APPLICABILITY OF SERVICE RULES:

Nothing in this Rider shall be construed as superseding or being superior to the Cooperative's Service Rules and Regulations.

TRANSFER OF ELECTRIC SERVICE:

The member shall not transport electric energy supplied to it beyond the boundaries of the member's contiguous property without specific authorization of the Cooperative.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**SUBDIVISION STREET LIGHTING
SCHEDULE SSL**

AVAILABILITY:

Available in all territory served by the Cooperative, subject to the Cooperative’s established Service Rules and Regulations. This is an experimental rate. Participation is limited to four developments during the first year trial period.

APPLICABILITY:

This schedule is applicable for lighting of residential streets within residential subdivisions. Applicability is limited to residential subdivisions consisting of single family dwellings where permanent electric facilities have been installed, located outside of the corporate limits of a city or town where installations are not prevented or regulated by any governmental unit having jurisdiction.

MONTHLY RATE

<u>Light Information</u>		<u>Nominal Number of Lots per Light</u>	<u>Monthly Cost Per Lot</u>
<u>Wattage</u>	<u>Type</u>		
175	MV ¹	2	\$ 6.06
175	MV ¹	3	\$ 4.04
175	MV ¹	4	\$ 3.03
175	MV ¹	5	\$ 2.43
175	MV ¹	6	\$ 2.02
175	MV ¹	7	\$ 1.73
175	MV ¹	8	\$ 1.52
100	HPS ¹	2	\$ 6.06
100	HPS ¹	3	\$ 4.04
100	HPS ¹	4	\$ 3.03
100	HPS ¹	5	\$ 2.43
100	HPS ¹	6	\$ 2.02
100	HPS ¹	7	\$ 1.73
100	HPS ¹	8	\$ 1.52
250	HPS ¹	2	\$ 9.80
250	HPS ¹	3	\$ 6.54
250	HPS ¹	4	\$ 4.90
250	HPS ¹	5	\$ 3.92
250	HPS ¹	6	\$ 3.27
250	HPS ¹	7	\$ 2.80
250	HPS ¹	8	\$ 2.45

**Subdivision Security Lighting
Schedule SSL
Page 2 of 3**

<u>Light Information</u>		<u>Nominal Number of Lots per Light</u>	<u>Monthly Cost Per Lot</u>
<u>Wattage</u>	<u>Type</u>		
400	MV ¹	2	\$10.83
400	MV ¹	3	\$ 7.22
400	MV ¹	4	\$ 5.41
400	MV ¹	5	\$ 4.33
400	MV ¹	6	\$ 3.61
400	MV ¹	7	\$ 3.09
400	MV ¹	8	\$ 2.71
44-48	LED	2	\$7.60
44-48	LED	3	\$5.06
44-48	LED	4	\$3.80
44-48	LED	5	\$3.04
44-48	LED	6	\$2.53
44-48	LED	7	\$2.17
44-48	LED	8	\$1.90

¹ These lights are no longer available.

TERMS AND CONDITIONS:

- 1) The complete installation of street lighting will be furnished, maintained, and operated by the Cooperative and will remain the property of the Cooperative. The type of fixture and method of installation will be in accordance with the Cooperative's standards.
- 2) The Cooperative shall not be obligated to construct any line extension or other facilities to provide street lighting. Any cost that is determined by the Cooperative to be in excess of normal installation costs will be the responsibility of the developer and due prior to the installation of such lighting.
- 3) Street lighting will be provided through this schedule provided the following conditions are met:
 - A. The developer has included in the restrictive covenants a statement that indicates that the lots within the development are subject to an ongoing, continuous monthly charge by the Cooperative for the installation, maintenance, and operation of street lighting. For existing developments, an amendment to the recorded restrictive covenants, if allowed, must be recorded in accordance with the terms of the covenants for modification, or a sufficient number of property owners must execute a recordable

Subdivision Security Lighting
Schedule SSL
Page 3 of 3

agreement encumbering the individual lot with such a covenant, so that, in the sole opinion of the Cooperative, the lighting project is feasible.

- B. The developer agrees to pay either a deposit in the amount specified in the current Service Rules and Regulations per light installed, to be held by the Cooperative for a period of 24 months; or the developer agrees to post a bond equal to the said amount.
 - C. The developer must be a member of the Cooperative in good standing.
 - D. The subdivision must consist of a minimum of six (6) lots. Once the street lighting is installed and energized, the cost per light will be due. The developer is responsible for the cost of street lighting until permanent services are connected, the Cooperative will begin on a quarterly basis prorating the cost of the street lighting to the individual services connected, with any remaining balance being billed to the developer.
- 4) The Cooperative will provide routine maintenance and repair to the street lighting. Damage caused by vandalism will be repaired at no cost for the first incident. Any subsequent damage by vandalism will be billed to the developer prior to the light(s) being repaired. Failure to pay for damage by vandalism will result in the light being disconnected until charges are paid.

SALES TAX:

Any applicable State and Local Sales Taxes will be added to all service billed under this schedule.

Note: The nominal number of lots per light is calculated by dividing the total number of lots developed in the subdivision, or phase of the subdivision, by the total number of lights installed in the subdivision, or phase of the subdivision, and rounding down to the nearest whole number. If two or more lots are purchased by one individual to be utilized for a single residential electric service, the owner shall be responsible for the number of lots purchased times the monthly cost per lot above.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**WHOLESALE POWER COST AND ADJUSTMENT CLAUSE
SCHEDULE WPCA**

APPLICABILITY:

The Wholesale Power Cost Adjustment Clause (WPCA) is applicable to all electric service supplied under the Cooperative's Retail Rate Schedules.

BILLING:

The Cooperative may implement a Wholesale Power Cost Adjustment charge 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 kilowatt-hour sold may be increased or decreased by an amount to the nearest one one-hundredth of a cent (\$.0001), determined by the use of the following formula:

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

Where:

- C = Total projected cost of purchased power expense, for the succeeding twelve-month period.
- B = \$0.07326 = Base cost of purchased power recovered through the Cooperative's retail rates.
- P = The total projected kilowatt-hours to be purchased for the succeeding twelve-month period.
- S = The total projected kilowatt-hours to be sold for the succeeding twelve-month period.
- 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 second prior month.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**SMALL RENEWABLE GENERATION RIDER
RIDER SRG**

AVAILABILITY:

This Rider is only available to consumers located in the Cooperative's service territory that have qualifying facilities fueled by trash or methane derived from landfills, hog waste, or poultry waste, or other renewable generating facilities; have a written contract with the Cooperative to sell generating capacity and energy not in excess of 10 kW; are interconnected directly with the Cooperative's system; and 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 consumer's power into the Cooperative's system under this Rider shall be furnished solely to the individual contracting consumer in a single enterprise, located entirely on a single, contiguous premise. Service hereunder shall be restricted to the capacity of the consumer's generating facilities that will 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 at the Cooperative's applicable rate schedule, increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider. 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 ability of securing and retaining all necessary rights-of-way, privileges, franchises, and permits for such service. The Cooperative shall not be liable to any consumer 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. Renewable Generators' connected in parallel with the Cooperative's facilities must have safety, system protection, and power quality equipment installed and operated in accordance with rules of the Cooperative.

Service under this Rider shall be subject to the Cooperative's established Service Rules and Regulations as filed with the North Carolina Utilities Commission.

CHARACTER OF SERVICE:

The type of service available under this Rider is single-phase 3 wires, 60 Hz alternating current, at the Cooperative's standard secondary voltage of 120/240 volts.

**Small Renewable Generation Rider
Rider SRG
Page 2 of 3**

MONTHLY RATE:

Facilities Charge:	\$ 3.75 per month
Energy Credit ¹	
All Energy per Month:	3.98 ¢ per kWh

¹ The Energy Credit shall be adjusted annually to reflect changes in wholesale power supply costs.

SAFETY, INTERCONNECTION, AND INSPECTION REQUIREMENTS:

This Rider is only applicable for renewable generators 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 consumer's renewable generator at any time upon reasonable notice to the consumer 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 not in compliance with the Interconnection Standard and is being operated in parallel with the Cooperative's system.

The consumer must enter into a specific contract providing for interconnection to the Cooperative's system whereby the consumer shall be responsible for providing suitable control and protective devices on its equipment to assure no disturbance to other consumers of the Cooperative, or to the Cooperative itself, and to protect the consumer'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 consumer 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 Company, at the consumer's expense, if the consumer's renewable generator, despite compliance with the Interconnection Standard, causes safety, reliability or power quality problems.

The consumer shall obtain and retain, for as long as the consumer's renewable generator is interconnected with the Cooperative's system, comprehensive general liability insurance which protects the consumer from claims for bodily injury and/or property damage. For a non-residential consumer the minimum coverage shall be comprehensive general liability insurance with coverage at least \$300,000 per occurrence and for a residential consumer 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. This insurance shall be primary for all purposes. The consumer 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 consumer's renewable generator with the Cooperative's system, if such insurance is not in effect.

**Small Renewable Generation Rider
Rider SRG
Page 3 of 3**

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.

METERING REQUIREMENTS:

The Cooperative will furnish, install, own and maintain metering to measure the kilowatt-hours delivered by the Cooperative to the consumer, 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 consumer to the Cooperative. The Cooperative shall have the right to install special metering and load research devices on the consumer's equipment and the right to use the consumer's telephone line for communication with the Cooperative's and the consumer's equipment.

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, or small wind turbines – that are installed on and designed primarily 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 consumer 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 consumer. The Cooperative further reserves the right to terminate the consumer's contract under this Rider at any time upon written notice to the consumer in the event that the consumer violates any of the terms or conditions of this Rider, or operates the renewable generator system in a manner which is detrimental to the Cooperative or any of its consumers. In the event of early termination of a contract under this Rider, the consumer 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.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**RENEWABLE ENERGY PORTFOLIO STANDARD RIDER
RIDER REPS-2023/2024**

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 Portfolio Standard (REPS) pursuant to North Carolina General Statute 62-133.8 and NCUC Rule R8-67.

This Rider is not for temporary or 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>REPS EMF</u>	<u>Total Monthly Rate</u>
Residential	\$ 0.77	(\$ 0.30)	\$ 0.47
Commercial	\$ 4.29	(\$ 1.66)	\$ 2.63
Industrial	\$ 28.60	(\$ 11.08)	\$ 17.52

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.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**ENERGY EFFICIENCY RIDER
RIDER EE-2023/2024**

APPLICABILITY:

Service supplied under the Cooperative's retail rate schedules are subject to energy efficiency adjustments for demand-side management and energy efficiency programs that the Cooperative implemented after January 1, 2007 and have been approved by the North Carolina Utilities Commission (NCUC). The energy efficiency adjustments are not included in the Cooperative's retail rate schedules and therefore, will be applied to the bill as calculated under the applicable rate.

GENERAL PROVISIONS:

This Rider will recover the costs related to any energy efficiency and demand-side management programs the Cooperative implemented after January 1, 2007. In each year this Rider will include components to recover budgeted costs for demand-side management and energy efficiency programs implemented in that Budget Year, as well as net lost revenues resulting from the energy efficiency programs. Net lost revenues are revenue losses, net of the Cooperative's marginal costs avoided at the time of the lost kilowatt hour sale(s). Upon implementation, net lost revenues associated with each Budget Year will be recovered for the estimated life of the energy efficiency measure, except that the recovery of net lost revenues will end upon implementation of new rates approved by the Cooperative's Board of Directors based on a fully allocated Cost-of-Service Study or comparable proceeding.

TRUE-UP PROVISIONS:

Rider amounts will initially be determined based on estimated kW and kWh impacts related to expected consumer participation in the programs, and will be true-up as actual consumer participation and actual kW and kWh impacts are verified.

Participation true-ups: After the completion of the first year, the Rider will include a true-up of previous Rider amounts billed versus the actual costs incurred for the programs, capital costs on unrecovered program cost and actual lost revenue.

Measurement and verification true-up: Initially the demand side management and energy efficiency programs kW and kWh savings used in the calculation of this Rider will be based upon estimates arrived at from similar programs at other utilities in the Southeast. During the course of these programs the Cooperative will be responsible for the measurement and verification of the estimated savings. After the measurement and verification has been completed, the true-up may also include changes related to the actual verified kW and kWh savings associated with each of the programs.

DETERMINATION OF ENERGY EFFICIENCY RIDER ADJUSTMENT:

The Energy Efficiency Adjustment (EEA) will be applied to the energy (kilowatt hours) billed under all the Cooperative's retail rate schedules as determined by the following formula:

$$EEA = \frac{(DSM + EE + LR + TU)}{S}$$

Where:

- DSM = Projected cost of the Cooperative's demand-side management programs for the upcoming budget year.
- EE = Projected cost of the Cooperative's energy efficiency programs for the upcoming budget year.
- LR = Projected net lost revenues associated with the kW and kWh savings as a result of the demand-side management and energy efficiency programs proposed for the upcoming budget year.
- TU = Total accumulated difference between what the Cooperative actually collected through this Rider versus what the costs the Cooperative has incurred as a result of the demand-side management and energy efficiency programs including capital costs on the unrecovered program costs, plus any differences in lost revenue collected versus incurred, for the years prior to the current year.
- S = Projected total kWh sales for the upcoming year in which the energy efficiency rider will be in effect.

ENERGY EFFICIENCY RIDER ADJUSTMENTS (EEA):

The EEA applicable to the Cooperative's retail rate schedules, including revenue-related taxes and utility assessments is as follows:

All kWhs sold	0.0900¢ per kWh
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OPT OUT PROVISION FOR QUALIFYING NON-RESIDENTIAL CONSUMERS:

The EEA increment applicable to Energy Efficiency Programs and/or Demand-Side Management Programs will not be applied to the energy charge of the applicable rate schedule for commercial/industrial consumers qualified to opt out of the programs. Consumers choosing to opt out of the programs must:

1. Certify or attest to the Cooperative that it has, or has plans for implementing alternative energy efficiency measures in accordance with quantifiable goals that meet or exceed the Cooperative's annual system-wide energy savings goals and
2. Have an electric service agreement that states that:
 - a. The establishment is classified as a "manufacturing industry" by the Standard Industrial Classification Manual published by the United States government and where more than 50% of the electric energy consumption of such establishment is used for its manufacturing processes, or
 - b. The consumer's annual energy use is anticipated to be 1,000,000 kilowatt hours or more.

The following additional provisions apply for qualifying consumers who elect to opt out:

- Qualifying consumers may opt out of the Cooperative's energy efficiency programs.
- The Consumer may not opt of the Cooperative's individual energy efficiency programs. The choice to opt out applies to the Cooperative's entire portfolio of energy efficiency programs.
- If a consumer elects to participate in an energy efficiency program, the consumer may not subsequently choose to opt out of the program for a period of five (5) years or the life of the applicable measure, whichever is longer.

APPLICABLE TAXES:

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

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**STANDBY SERVICE RIDER
RIDER SS**

APPLICABILITY:

This rider is applicable to members in conjunction with the Cooperative's Residential, General Service and Large Power rate schedules for members having another source of electrical power, not held solely for emergency use or peak-shaving purposes and are requiring the Cooperative to provide standby service. This rider is not applicable to members served under the Residential Time-of-Use and Plug-In Electric Vehicle Rate. The Cooperative, based upon the capacity of the electrical system in the area, shall determine if standby service is available.

Members requesting service under this rider must contract with the Cooperative for the maximum kW that the Cooperative is to supply, not to exceed 1,000 kW. Standby service for greater than 1,000 kW will be handled on an individual basis.

This rider is not applicable for temporary or seasonal service. The provisions of the rate schedule with which this rider is used are modified only as outlined within this rider.

DEFINITIONS:

Contract Demand

The contract demand, initially evaluated during the application process for member-owned generation, is the maximum kW the member requested the cooperative to supply for standby and supplemental service combined over the previous twelve (12) months, specified in the Application for Operation of Member-Owned Generation. At the start of each new billing cycle a new contract demand will be evaluated based on the maximum kW the member requested the cooperative to supply for supplementary service and service demand from the previous twelve (12) months

Standby Service

Standby service for the purposes of this rider shall be defined as the power the Cooperative supplies to replace the member's generation. The standby service contract kW demand shall be specified in contract and may be increased only by mutual agreement between the member and the Cooperative.

Standby service shall not be used to substitute supplementary service during on-peak hours. The member shall prearrange down time for generator maintenance to periods approved by the Cooperative.

Supplementary Service

Supplementary service is service continuously available to supplement the member's other power sources. The supplemental service contract demand shall be the contract demand less the standby service contract demand.

MONTHLY RATE

I. Supplementary Service

Demand and energy related to the use of supplemental power shall be billed in accordance with the applicable rate schedule for the contracted demand of supplemental power.

II. Standby Service

The monthly charge for standby service shall be the standby demand charge stated below times the standby service contract demand.

	<u>Schedule B</u>	<u>Schedule E</u>	<u>Schedule F</u>
Standby Charge:	\$ 4.06 per kW	\$ 5.51 per kW	\$ 3.92 per kW

III. Additional Facilities

In the event the Cooperative is required to install additional facilities (i.e. protective equipment, additional metering equipment, etc.) to accommodate the operation of the member's generator in parallel with the Cooperative, the member shall pay the Cooperative a contribution-in-aid of construction equal to the estimated installed cost of the facilities.

IV. On-Peak Usage

The member shall be responsible for notifying the Cooperative of any use of standby service. If it is determined that the use of standby service occurred during the on-peak hours, except for prearranged maintenance, the minimum billing demand used for supplemental service shall be the contract demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

For the purposes of standby service, on-peak hours shall be defined as:

- A. The hours between 10:00 a.m. and 10:00 p.m., for the months of April through September; and
- B. The hours between 6:00 a.m. and 1:00 p.m., and between 4:00 p.m. and 9:00 p.m., for the months of October through March.

SALES TAX:

Any applicable State and Local Sales Taxes will be added to all service billed under this schedule.

**Standby Service Rider
Schedule Rider SS
Page 3 of 3**

SPECIAL PROVISIONS

The member shall furnish, install, and maintain, at their expense, relays, and protective devices in accordance with specifications furnished by the Cooperative. Authorized personnel of the Cooperative shall, at reasonable times, have access to and have the right to inspect the member's relays and protective devices

CONTRACTS

Contracts under this rider shall be for minimum term of one year.

**EDGECOMBE-MARTIN COUNTY
ELECTRIC MEMBERSHIP CORPORATION**

**NET METERING RIDER
RIDER NM**

APPLICABILITY:

This rider is applicable in conjunction with the Cooperative's Residential Time-of-Use Service and Plug-In Electric Vehicle rate schedule for members having consumer-owned renewable generation connected on the consumer-side of the meter, in parallel with the Cooperative's electric system, and is designed to offset a portion or all of the consumer's electrical requirements normally supplied by the Cooperative. The nameplate rating of the Renewable Generation must be the lesser of the consumer's estimated maximum 15-minute integrated demand or 10 kW. Renewable generators connected in parallel with the Cooperative's facilities must have safety, system protection, and power quality equipment installed and operated in accordance with rules of the Cooperative. Consumers receiving service under this Rider agree to assign the Renewable Energy Certificates (RECs) and all environmental attributes associated with the Renewable Generation to the Cooperative

The provisions of the Schedule with which this Rider is used are modified only as shown herein. This rider is not applicable for temporary or seasonal service. The provisions of the rate schedule with which this rider is used are modified only as outlined within this rider.

MONTHLY RATE:

Net Metering Charge: \$ 15.00 per month

Energy Charge:

Consumers generating power from a renewable resource as defined in this Rider shall be billed 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.

Energy Credit:¹

For energy produced in excess of the member's needs and delivered to the cooperative, the member will receive a credit.

All Excess kWh 3.98 ¢ per kWh

¹ The Energy Credit shall be adjusted annually to reflect changes in wholesale power supply costs.

SALES TAX:

Any applicable State and Local Sales Taxes will be added to all service billed under this schedule.