

# **PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

## **ELECTRIC SERVICE RATES**



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NCUC Docket No. EC-32, Sub 78, May 1, 2013

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# PIEDMONT ELECTRIC MEMBERSHIP CORPORATION

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**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**RESIDENTIAL SERVICE  
SCHEDULE RS**

Availability:

This Schedule is available in all territory served by the Cooperative, subject to the Cooperative's established Service Rules and Regulations and applicability stated herein.

Applicability:

This Schedule is applicable to all residential consumers. For the purpose of this Schedule, a service is classified as residential if it provides electricity to a single domicile and the primary energy usage is associated with the domicile.

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; 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.

Monthly Rate:

Facilities Charges:

Single-Phase	\$ 35.00 per month
Three-Phase	\$ 80.00 per month

Energy Charges:

Winter

First 250 kWh	12.75¢ per kWh
Next 550 kWh	11.07¢ per kWh
All kWh over 800	7.97¢ per kWh

Summer

First 250 kWh	12.75¢ per kWh
Next 550 kWh	11.07¢ per kWh
All kWh over 800	9.74¢ per kWh

Minimum Charge:

The minimum monthly charge shall be the applicable Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

Billing Months:

The winter billing period shall begin with the first billing date in the calendar month of November and include seven billing months. The summer billing period shall begin with the first billing date in the calendar month of June and include five billing months.

Conditions of Service:

The responsibility of the Cooperative for installation and/or maintenance of service facilities shall not extend beyond the central distribution point, unless otherwise specified in the contract for service, or the point at which its service wires are attached to the meter loop provided for measuring electricity used on the premises. Wiring beyond this point extended by the consumer shall be the responsibility of the consumer. All such wiring extended to a structure must be of sufficient capacity to adequately serve the connected consumer.

Minimum Annual Charge for Seasonal Service:

Consumers requiring service only during certain seasons not exceeding nine months per year may guarantee a minimum annual charge, in which case there shall be no minimum monthly charge. The minimum annual charge shall be sufficient to assure adequate compensation for the facilities installed to serve the consumer, and in no event shall it be less than twelve times the minimum monthly charge determined in accordance with the foregoing paragraph.

Temporary Service:

Temporary service, such as service to construction jobs (excluding individual residences), fairs, and carnivals, shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charges the total cost of connecting and disconnecting service less the salvage value of materials removed. A deposit, in advance, may be required in the full amount of the estimated bill for service, including the cost of connection and disconnection.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Renewable Energy Portfolio Standard (REPS) Adjustment:

The consumer's monthly bill shall also include a REPS adjustment based upon the revenue classification of the account. The revenue classifications and monthly charges are shown in the Cooperative's Rider REPS.

Energy Efficiency Rider:

The Energy Efficiency Rider is also applicable to this rate schedule. The current Energy Efficiency Rider charge applicable to this schedule must be added to the cents per kWh above to determine the monthly energy charges.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Load Control:

In areas where the Cooperative operates Load Control Devices, and at the Cooperative's option, the Cooperative offers a limited program as described in Rider LC for consumers who voluntarily enter into an agreement for load control.

Effective for billings rendered on or after November 1, 2014.

## PIEDMONT ELECTRIC MEMBERSHIP CORPORATION

### RESIDENTIAL SERVICE - ENERGY EFFICIENT SCHEDULE RS - EE

#### Availability:

This Schedule is available in all territory served by the Cooperative, subject to the Cooperative's established Service Rules and Regulations and applicability stated herein.

#### Applicability:

This Schedule is applicable to individual residential consumers in residences, mobile homes, or individually metered apartments who meet all-electric and thermal requirements of this Schedule. For the purpose of this Schedule, a service is classified as residential if it provides electricity to a single domicile and the primary energy usage is associated with the domicile.

1. All energy required for water heating, cooking, clothes drying, and environmental space conditioning must be supplied electrically. All electric energy used by such dwelling must be recorded through a single meter.
2. Electric heat must be installed and used to supply the primary heating requirements throughout the residence -- primary means the main source of heat, supplying the majority of the residence's heating requirements on an ongoing basis. Non-electric space heating sources such as solar, non-ducted wood stoves, gas logs, and portable kerosene heaters are permitted only for supplemental use. Dual fuel heat pumps may qualify if all other requirements met.

To qualify as an Energy Efficient All-Electric Home the environmental space conditioning system, electric water heater, and the thermal envelope of the residence must meet all requirements outlined below. For the purpose of this standard, homes are classified as new if the building permit was issued after August 1, 1992. All homes constructed prior to, or building permits issued prior to August 1, 1992, are considered existing homes.

#### 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; 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.

Monthly Rate:

Facilities Charges:

Single-Phase	\$ 35.00 per month
Three-Phase	\$ 80.00 per month

Energy Charges:

Winter

First 250 kWh	12.75¢ per kWh
Next 550 kWh	11.07¢ per kWh
All kWh over 800	7.33¢ per kWh

Summer

First 250 kWh	12.75¢ per kWh
Next 550 kWh	11.07¢ per kWh
All kWh over 800	9.52¢ per kWh

Minimum Charge:

The minimum monthly charge shall be the applicable Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

Billing Months:

The winter billing period shall begin with the first billing date in the calendar month of November and include seven billing months. The summer billing period shall begin with the first billing date in the calendar month of June and include five billing months.

Thermal Performance Standards

Residences must meet the thermal conditioning requirements set forth below.

1. Ceilings shall have a minimum thermal resistance value of 19 (R-19) for existing homes and R-30 for new homes.
2. Wall exposed to full temperature differential (TD) or unconditioned area shall have a total resistance of R-11 for existing homes and R-13 for new homes.
3. Floors over unheated areas shall have insulation installed having a resistance of R-11 for existing homes and R-19 for new homes.
4. Windows shall be insulated glass or storm windows. For new homes the glass area should not exceed 15% of the square footage of the conditioned floor area.
5. Doors exposed to unconditioned areas shall be weather-stripped and equipped with storm doors or of the insulated type.
6. Air ducts located outside of conditioned space must have: 1) all joints mechanically fastened and sealed, and 2) a minimum of R-6.5 duct wrap insulation, or its equivalent.

7. Attic ventilation must be a minimum of one square foot of free area for each 150 square feet of attic area. Mechanical ventilation or ceiling vapor barrier, in lieu of free area, may be used where necessary.
8. Chimney flues and fireplaces must have tight-fitting dampers.

Alternate Equivalent Performance Standard: Variations may be made in the Insulation Standards as long as total heat loss does not exceed that calculated using the specific Standards above. The Cooperative's procedure for calculating heat loss of the current edition of ASHRAE (American Society of Heating, Refrigerating, and Air Conditioning Engineers) Guide shall be the source for loss calculations.

All thermal control products described in the Standards above should be installed according to the manufacturer's specifications.

Equipment Standards

Electric water heating meeting the specifications set forth below must be installed and used to supply the entire water heating requirements, except that which may be supplied by non-fossil sources such as solar.

1. Water heaters shall be of the automatic insulated storage type and may be equipped with only a lower element or with a lower element and an upper element.
2. Water heaters having only a lower element may have wattages up to but not exceeding the wattages shown below for various tank capacities.

<u>Tank Capacity in Gallons</u>	<u>Maximum Single Element Wattage</u>
30-49	4,500
50-119	5,500
120 and larger	Special approval

3. The total wattage of the elements in a water heater with a lower element and an upper element may not exceed the specific wattages above unless the water heater has interlocking thermostats to prevent simultaneous operation of the two elements such that the maximum wattage is not exceeded during operation.
4. Where electric water heaters not complying with these specifications are installed, the Consumer will be required to pay the original installation or upgrade costs for any nonstandard facilities needed to supply the electrical capacity to meet the water heater demand. Water heating equipment must not impair or interfere with service to any other consumer.

Electric space conditioning meeting the specifications set forth below must be installed and used to supply the entire space conditioning requirements, except that which may be supplied by supplemental non-fossil sources such as solar.



1. Auxiliary electric heating elements wattage should not exceed 8 watts per square foot of conditioned floor space.
2. Heat pump system's Seasonal Energy Efficiency Ratio (SEER) shall be 15.0 or greater.

#### Inspection and Confirmation

All standards, specifications, calculations, and related conditions for application of the Energy Efficient Home Qualification Standards are subject to final inspection and confirmation of Piedmont EMC. All products described in this standard should be installed according to the manufacturer's recommendations.

#### Conditions of Service:

The responsibility of the Cooperative for installation and/or maintenance of service facilities shall not extend beyond the central distribution point, unless otherwise specified in the contract for service, or the point at which its service wires are attached to the meter loop provided for measuring electricity used on the premises. Wiring beyond this point extended by the consumer shall be the responsibility of the consumer. All such wiring extended to a structure must be of sufficient capacity to adequately serve the connected consumer.

#### Minimum Annual Charge for Seasonal Service:

Consumers requiring service only during certain seasons not exceeding nine months per year may guarantee a minimum annual charge, in which case there shall be no minimum monthly charge. The minimum annual charge shall be sufficient to assure adequate compensation for the facilities installed to serve the consumer, and in no event shall it be less than twelve times the minimum monthly charge determined in accordance with the foregoing paragraph.

#### Temporary Service:

Temporary service, such as service to construction jobs (excluding individual residences), fairs, and carnivals, shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charges the total cost of connecting and disconnecting service less the salvage value of materials removed. A deposit, in advance, may be required in the full amount of the estimated bill for service, including the cost of connection and disconnection.

#### Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

#### Renewable Energy Portfolio Standard (REPS) Adjustment:

The consumer's monthly bill shall also include a REPS adjustment based upon the revenue classification of the account. The revenue classifications and monthly charges are shown in the Cooperative's Rider REPS.

Energy Efficiency Rider:

The Energy Efficiency Rider is also applicable to this rate schedule. The current Energy Efficiency Rider charge applicable to this schedule must be added to the cents per kWh above to determine the monthly energy charges.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Load Control:

In areas where the Cooperative operates Load Control Devices, and at the Cooperative's option, the Cooperative offers a limited program as described in Rider LC for consumers who voluntarily enter into an agreement for load control.

Effective for billings rendered on or after May 1, 2017.

## PIEDMONT ELECTRIC MEMBERSHIP CORPORATION

### RESIDENTIAL SERVICE - ENERGY STAR SCHEDULE RS - ES

#### Availability:

This Schedule is available to all residential consumers in all territory served by the Cooperative, subject to the Cooperative's established Service Rules and Regulations and applicability stated herein.

#### Applicability:

Service under this Schedule is applicable to all residential consumers whose residence is in compliance with the Energy Star standards. Prior to receiving service under this Schedule, compliance with the Energy Star standards must be verified by a third party independent Home Energy Rating System (HERS) rater working for an approved HERS provider. For purposes of this Schedule, a service is classified as residential if it provides electricity to a single domicile and the primary energy usage is associated with the domicile.

Electric space heating and/or electric domestic water heating are not required, but if present, the equipment must meet the Energy Star standards and must be permanently installed in accordance with sound engineering practices and the manufacturer's recommendations. To qualify as All-Electric the following requirements must be met.

1. All energy required for water heating, cooking, clothes drying, and environmental space conditioning must be supplied electrically. All electric energy used by such dwelling must be recorded through a single meter.
2. Electric heat must be installed and used to supply the primary heating requirements throughout the residence -- primary means the main source of heat, supplying the majority of the residence's heating requirements on an ongoing basis. Non-electric space heating sources such as solar, non-ducted wood stoves, gas logs, and portable kerosene heaters are permitted only for supplemental use. Dual fuel heat pumps may qualify if all other requirements met.

Electric water heating meeting the specifications set forth below must be installed and used to supply the entire water heating requirements, except that which may be supplied by non-fossil sources such as solar.

1. Water heaters shall be of the automatic insulated storage type and may be equipped with only a lower element or with a lower element and an upper element.
2. Water heaters having only a lower element may have wattages up to but not exceeding the wattages shown below for various tank capacities.

<u>Tank Capacity in Gallons</u>	<u>Maximum Single Element Wattage</u>
30-49	4,500
50-119	5,500
120 and larger	Special approval

3. The total wattage of the elements in a water heater with a lower element and an upper element may not exceed the specific wattages above unless the water heater has interlocking thermostats to prevent simultaneous operation of the two elements such that the maximum wattage is not exceeded during operation.
  
4. Where electric water heaters not complying with these specifications are installed, the Consumer will be required to pay the original installation or upgrade costs for any nonstandard facilities needed to supply the electrical capacity to meet the water heater demand. Water heating equipment must not impair or interfere with service to any other consumer.

Energy Star Home Certification criteria may vary based on the geographical location of the residence. The criteria for each county served by the Cooperative and a list of independent HERS raters are available from the Cooperative or on the Energy Star web site at [www.energystar.gov](http://www.energystar.gov).

Character of Service:

Service shall be provided at one point of delivery through a single meter at one of the Cooperative's standard voltages. Standard service shall be single-phase, 120/240 Volts; 60 Hz. Three-phase service may be provided where available, at the option of the Cooperative.

Monthly Rate:

Facilities Charges:

Single-Phase	\$ 35.00 per month
Three-Phase	\$ 80.00 per month

Energy Charges:

	<u>Standard</u>	<u>All-Electric</u>
Winter		
First 250 kWh	12.22¢ per kWh	12.22¢ per kWh
Next 550 kWh	10.61¢ per kWh	10.61¢ per kWh
All kWh over 800	7.64¢ per kWh	7.04¢ per kWh
Summer		
First 250 kWhs	12.22¢ per kWh	12.22¢ per kWh
Next 550 kWh	10.61¢ per kWh	10.61¢ per kWh
All kWh over 800	9.34¢ per kWh	9.14¢ per kWh

Minimum Charge:

The minimum monthly charge shall be the applicable Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

Billing Months:

The winter billing period shall begin with the first billing date in the calendar month of November and include seven billing months. The summer billing period shall begin with the first billing date in the calendar month of June and include five billing months.

Conditions of Service:

The responsibility of the Cooperative for installation and/or maintenance of service facilities shall not extend beyond the central distribution point, unless otherwise specified in the contract for service, or the point at which its service wires are attached to the meter loop provided for measuring electricity used on the premises. Wiring beyond this point extended by the consumer shall be the responsibility of the consumer. All such wiring extended to a structure must be of sufficient capacity to adequately serve the connected consumer.

Minimum Annual Charge for Seasonal Service:

Consumers requiring service only during certain seasons not exceeding nine months per year may guarantee a minimum annual charge, in which case there shall be no minimum monthly charge. The minimum annual charge shall be sufficient to assure adequate compensation for the facilities installed to serve the consumer, and in no event shall it be less than twelve times the minimum monthly charge determined in accordance with the foregoing paragraph.

Temporary Service:

Temporary service, such as service to construction jobs (excluding individual residences), fairs, and carnivals, shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charges the total cost of connecting and disconnecting service less the salvage value of materials removed. A deposit, in advance, may be required in the full amount of the estimated bill for service, including the cost of connection and disconnection.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Renewable Energy Portfolio Standard (REPS) Adjustment:

The consumer's monthly bill shall also include a REPS adjustment based upon the revenue classification of the account. The revenue classifications and monthly charges are shown in the Cooperative's Rider REPS.

Energy Efficiency Rider:

The Energy Efficiency Rider is also applicable to this rate schedule. The current Energy Efficiency Rider charge applicable to this schedule must be added to the cents per kWh above to determine the monthly energy charges.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Load Control:

In areas where the Cooperative operates Load Control Devices, and at the Cooperative's option, the Cooperative offers a limited program as described in Rider LC for consumers who voluntarily enter into an agreement for load control.

Effective for billings rendered on or after November 1, 2014

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**SMALL GENERAL SERVICE  
SCHEDULE SGS**

Availability:

This Schedule is available in all territory served by the Cooperative, subject to the Cooperative's established Service Rules and Regulations and applicability stated herein.

Applicability:

This Schedule is applicable for non-residential electric service where:

1. The expected or measured 15 minute integrated demand is not more than 40 kW and/or,
2. The consumer contracts for less than 40 kW demand and does not establish an actual demand of 40 kW or more.
3. Consumers with demands between 30 kW and 50 kW will have the option of the Small General Service Schedule or the General Service Schedule. When the consumer's maximum demand exceeds 50 kW for more than two of the previous 12 months, the consumer will automatically be moved to the General Service Schedule.

For the purpose of this Schedule, a service is classified as non-residential if it does not provide electricity to a single domicile and the primary energy usage is not associated with the domicile. This Schedule is also available for all services where the primary purpose of the service is to serve tobacco bulk curing barns, commonly known as "bulk barns".

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; 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.

Monthly Rate:

Facilities Charges:

Single-Phase	\$ 37.00 per month
Three-Phase	\$ 82.00 per month

Energy Charges:

Winter

First 250 kWh	15.13¢ per kWh
Next 550 kWh	13.32¢ per kWh
Next 3,200 kWh	8.55¢ per kWh
All kWh over 4,000	7.01¢ per kWh

Summer

First 250 kWh	15.13¢ per kWh
Next 550 kWh	13.32¢ per kWh
Next 3,200 kWh	10.38¢ per kWh
All kWh over 4,000	8.49¢ per kWh

Minimum Charge:

The minimum monthly charge shall be the applicable Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

Billing Months:

The winter billing period shall begin with the first billing date in the calendar month of November and include seven billing months. The summer billing period shall begin with the first billing date in the calendar month of June and include five billing months.

Conditions of Service:

The responsibility of the Cooperative for installation and/or maintenance of service facilities shall not extend beyond the central distribution point, unless otherwise specified in the contract for service, or the point at which its service wires are attached to the meter loop provided for measuring electricity used on the premises. Wiring beyond this point extended by the consumer shall be the responsibility of the consumer. All such wiring extended to a structure must be of sufficient capacity to adequately serve the connected consumer.

Minimum Annual Charge for Seasonal Service:

Consumers requiring service only during certain seasons not exceeding nine months per year may guarantee a minimum annual charge, in which case there shall be no minimum monthly charge. The minimum annual charge shall be sufficient to assure adequate compensation for the facilities installed to serve the consumer, and in no event shall it be less than twelve times the minimum monthly charge determined in accordance with the foregoing paragraph.

Temporary Service:

Temporary service, such as service to construction jobs, fairs, and carnivals, shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charges the total cost of connecting and disconnecting service less the salvage value of materials removed. A deposit, in advance, may be required in the full amount of the estimated bill for service, including the cost of connection and disconnection.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.



Renewable Energy Portfolio Standard (REPS) Adjustment:

The consumer's monthly bill shall also include a REPS adjustment based upon the revenue classification of the account. The revenue classifications and monthly charges are shown in the Cooperative's Rider REPS.

Energy Efficiency Rider:

The Energy Efficiency Rider is also applicable to this rate schedule. The current Energy Efficiency Rider charge applicable to this schedule must be added to the cents per kWh above to determine the monthly energy charges.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Load Control:

In areas where the Cooperative operates Load Control Devices, and at the Cooperative's option, the Cooperative offers a limited program as described in Rider LC for consumers who voluntarily enter into an agreement for load control.

Effective for billings rendered on or after June 1, 2015.

# PIEDMONT ELECTRIC MEMBERSHIP CORPORATION

## GENERAL SERVICE SCHEDULE GS

### Availability:

This Schedule is available in all territory served by the Cooperative, subject to the Cooperative's established Service Rules and Regulations and applicability stated herein.

### Applicability:

This Schedule is applicable to non-residential electric service where:

1. The expected or measured 15 minute integrated demand is 40 kW or more and less than 100 kW, and/or,
2. The consumer contracts for 40 kW demand or more and less than 100 kW, and does not establish an actual demand of 40 kW or more and less than 100 kW.
3. Consumers with demands between 30 kW and 50 kW will have the option of the General Service Schedule or the Small General Service Schedule. When the consumer's maximum demand does not exceed 30 kW for more than two of the previous 12 months, the consumer will automatically be moved to the Small General Service Schedule.

### 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; 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.

### Service Provisions:

**Delivery Point** - if service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electrical equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to the consumer's structure unless otherwise specified in the contract for service. All wiring, pole lines, and other electrical equipment (except metering equipment) on the load side of the delivery point shall be owned and maintained by the consumer.

Monthly Rate:

Facilities Charge:	\$ 150.00 per month	
Demand Charges:	<u>Winter</u>	<u>Summer</u>
All kW	\$ 7.00 per kW	\$ 8.00 per kW
Energy Charges:		
All kWh	6.14¢ per kWh	

Billing Months:

The winter billing period shall begin with the first billing date in the calendar month of November and include seven billing months. The summer billing period shall begin with the first billing date in the calendar month of June and include five billing months.

Determination of Billing Demand:

The Billing Demand shall be the higher of the following:

1. The maximum kilowatt demand established for any period of 15 consecutive minutes during the month as may be adjusted for power factor as provided below, or
2. The minimum Billing Demand that may be provided in the Power Contract.

Power Factor Adjustment:

Power factor may be measured at any time. Should such measurements indicate that the power factor at the time of the maximum demand is less than 90 percent, the demand for billing purposes shall be the demand as indicated or recorded by the Demand Meter multiplied by 90 percent and divided by the percent power factor.

Minimum Charge:

The minimum monthly charge shall be the Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

Minimum Annual Charge for Seasonal Service:

Consumers requiring service only during certain seasons not exceeding nine months per year may guarantee a minimum annual charge, in which case there shall be no minimum monthly charge. The minimum annual charge shall be an amount determined by the Cooperative to be sufficient to assure adequate compensation for the facilities installed to serve the consumer, and in no event shall it be less than twelve times the minimum monthly charge determined in accordance with the foregoing paragraph.

Temporary Service:

Temporary service, such as service to construction jobs, fairs, and carnivals, shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charges the total cost of connecting and disconnecting service less the salvage value of materials removed. A deposit, in advance, may be required in the full amount of the estimated bill for service, including the cost of connection and disconnection.

Service at Primary Voltage:

The Cooperative may elect to meter the member on the primary side for the Cooperative's convenience.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Renewable Energy Portfolio Standard (REPS) Adjustment:

The consumer's monthly bill shall also include a REPS adjustment based upon the revenue classification of the account. The revenue classifications and monthly charges are shown in the Cooperative's Rider REPS.

Energy Efficiency Rider:

The Energy Efficiency Rider is also applicable to this rate schedule. The current Energy Efficiency Rider charge applicable to this schedule must be added to the cents per kWh above to determine the monthly energy charges.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Load Control:

In areas where the Cooperative operates Load Control Devices, and at the Cooperative's option, the Cooperative offers a limited program as described in Rider LC for consumers who voluntarily enter into an agreement for load control.

Effective for billings rendered on or after November 1, 2014.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**LARGE POWER SERVICE  
SCHEDULE LP**

Availability:

This Schedule is available in all territory served by the Cooperative, subject to the Cooperative's established Service Rules and Regulations and applicability stated herein.

Applicability:

This Schedule is applicable to non-residential electric service where:

1. The expected or measured 15 minute integrated demand is 100 kW or more for more than two of the previous 12 months and/or,
2. The consumer contracts for 100 kW demand or more.

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; 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  
12,470/7200 Volts, 4-Wire wye

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

Service Provisions:

Delivery Point - if service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electrical equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to the consumer's structure unless otherwise specified in the contract for service. All wiring, pole lines, and other electrical equipment (except metering equipment) on the load side of the delivery point shall be owned and maintained by the consumer.

Monthly Rate:

Facilities Charge: \$ 300.00 per month

Demand Charges:	<u>Winter</u>	<u>Summer</u>
All kW	\$ 8.90 per kW	\$ 11.25 per kW

Energy Charges:  
All kWh

4.57¢ per kWh

Billing Months:

The winter billing period shall begin with the first billing date in the calendar month of November and include seven billing months. The summer billing period shall begin with the first billing date in the calendar month of June and include five billing months.

Determination of Billing Demand:

The Billing Demand shall be the higher of the following:

1. The maximum kilowatt demand established for any period of 15 consecutive minutes during the month as may be adjusted for power factor as provided below, or
2. The minimum Billing Demand that may be provided in the Power Contract.

Power Factor Adjustment:

Power factor may be measured at any time. Should such measurements indicate that the power factor at the time of the maximum demand is less than 90 percent, the demand for billing purposes shall be the demand as indicated or recorded by the Demand Meter multiplied by 90 percent and divided by the percent power factor.

Minimum Charge:

The minimum monthly charge shall be the Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

Minimum Annual Charge for Seasonal Service:

Consumers requiring service only during certain seasons not exceeding nine months per year may guarantee a minimum annual charge, in which case there shall be no minimum monthly charge. The minimum annual charge shall be sufficient to assure adequate compensation for the facilities installed to serve the consumer, and in no event shall it be less than twelve times the minimum monthly charge determined in accordance with the foregoing paragraph.

Temporary Service:

Temporary service, such as service to construction jobs, fairs, and carnivals, shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charges the total cost of connecting and disconnecting service less the salvage value of materials removed. A deposit, in advance, may be required in the full amount of the estimated bill for service, including the cost of connection and disconnection.

Service at Primary Voltage:

The Cooperative may elect to meter the member on the primary side for the Cooperative's convenience.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Renewable Energy Portfolio Standard (REPS) Adjustment:

The consumer's monthly bill shall also include a REPS adjustment based upon the revenue classification of the account. The revenue classifications and monthly charges are shown in the Cooperative's Rider REPS.

Energy Efficiency Rider:

The Energy Efficiency Rider is also applicable to this rate schedule. The current Energy Efficiency Rider charge applicable to this schedule must be added to the cents per kWh above to determine the monthly energy charges.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Load Control:

In areas where the Cooperative operates Load Control Devices, and at the Cooperative's option, the Cooperative offers a limited program as described in Rider LC for consumers who voluntarily enter into an agreement for load control.

Effective for billings rendered on or after November 1, 2014.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**RESIDENTIAL/SMALL GENERAL SERVICE – TIME-OF-DAY - ENERGY ONLY  
SCHEDULE R/SGS-TOD-E**

Availability:

This Schedule is available only on a voluntary basis, at the Cooperative's option. This Cooperative's reserves the right to limit the number of members based upon the saturation and/or impact on the Cooperative's electric system of members utilizing this rate schedule in a general area. This rate is available only to consumers who would otherwise be served by the Residential or Small General Service schedules.

Character of Service:

Standard service is single-phase 120/240 volts; 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

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

Monthly Rate:

Facilities Charges:	<u>Residential</u>	<u>Small General</u>
Single-Phase	\$ 35.00 per month	\$ 37.00 per month
Three-Phase	\$ 80.00 per month	\$ 82.00 per month

Energy Charges:	<u>Winter</u>	<u>Summer</u>
On-Peak	26.42¢ per on-peak kWh	33.69¢ per on-peak kWh
Off-Peak	4.99¢ per off-peak kWh	4.99¢ per off-peak kWh

Minimum Charge:

The minimum monthly charge shall be the applicable Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

On-Peak and Off-Peak Periods:

For the period beginning at 00:00:01 on the Sunday following the second Saturday of April through 00:00:00 on the second Saturday of October the On-Peak and Off-Peak times shall be:

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

For the period beginning at 00:00:01 on the Sunday following the second Saturday of October through 00:00:00 on the second Saturday of April the On-Peak and Off-Peak times shall be:

On-Peak Hours:	6:00 a.m. - 10:00 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, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day.

Conditions of Service:

The responsibility of the Cooperative for installation and/or maintenance of service facilities shall not extend beyond the central distribution point, unless otherwise specified in the contract for service, or the point at which its service wires are attached to the meter loop provided for measuring electricity used on the premises. Wiring beyond this point extended by the consumer shall be the responsibility of the consumer. All such wiring extended to a structure must be of sufficient capacity to adequately serve the connected consumer.

Contract Period:

Any consumer choosing to be served under this time-of-day schedule must remain on the schedule for at least one year, unless the consumer agrees to pay the Cooperative a fee of fifty dollars (\$50) to cover the cost of exchanging the meter.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Renewable Energy Portfolio Standard (REPS) Adjustment:

The consumer's monthly bill shall also include a REPS adjustment based upon the revenue classification of the account. The revenue classifications and monthly charges are shown in the Cooperative's Rider REPS.

Energy Efficiency Rider:

The Energy Efficiency Rider is also applicable to this rate schedule. The current Energy Efficiency Rider charge applicable to this schedule must be added to the cents per kWh above to determine the monthly energy charges.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Load Control:

In areas where the Cooperative operates Load Control Devices, and at the Cooperative's option, the Cooperative offers a limited program as described in Rider LC for consumers who voluntarily enter into an agreement for load control.

Effective for billings rendered on or after November 1, 2014.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**RESIDENTIAL/SMALL GENERAL SERVICE – TIME-OF-DAY - DEMAND/ENERGY  
SCHEDULE R/SGS-TOD-D/E**

Availability:

This Schedule is available only on a voluntary basis, at the Cooperative's option. This Cooperative's reserves the right to limit the number of members based upon the saturation and/or impact on the Cooperative's electric system of members utilizing this rate schedule in a general area. This rate is available only to consumers who would otherwise be served by the Residential or Small General Service schedules.

Character of Service:

Standard service is single-phase 120/240 volts; 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

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

Monthly Rate:

<u>Facilities Charges:</u>	<u>Residential</u>	<u>Small General</u>
Single-Phase	\$ 35.00 per month	\$ 37.00 per month
Three-Phase	\$ 80.00 per month	\$ 82.00 per month

Demand Charges:

On-Peak	
Summer	\$ 16.95 per kW
Winter	\$ 14.55 per kW
Off-Peak Excess	\$ 1.50 per kW

Energy Charge: 6.13¢ per kWh

Minimum Charge:

The minimum monthly charge shall be the applicable Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

Determination of Billing Demand:

The On-Peak Billing Demand shall be the maximum kilowatt demand established by the consumer during a 15 minute interval, during On-Peak hours, within the month for which the bill is rendered, as indicated or recorded by a demand meter, and adjusted for power factor. The Off-Peak Excess Billing Demand shall be the amount by which the maximum Off-Peak demand exceeds the maximum On-Peak demand. If the maximum Off-Peak demand is less than the maximum On-Peak demand, then the Off-Peak Excess Billing Demand is zero.

On-Peak and Off-Peak Periods:

For the period beginning at 00:00:01 on the Sunday following the second Saturday of April through 00:00:00 on the second Saturday of October the On-Peak and Off-Peak times shall be:

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

For the period beginning at 00:00:01 on the Sunday following the second Saturday of October through 00:00:00 on the second Saturday of April the On-Peak and Off-Peak times shall be:

On-Peak Hours: 6:00 a.m. - 10:00 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, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day.

Conditions of Service:

The responsibility of the Cooperative for installation and/or maintenance of service facilities shall not extend beyond the central distribution point, unless otherwise specified in the contract for service, or the point at which its service wires are attached to the meter loop provided for measuring electricity used on the premises. Wiring beyond this point extended by the consumer shall be the responsibility of the consumer. All such wiring extended to a structure must be of sufficient capacity to adequately serve the connected consumer.

Contract Period:

Any consumer choosing to be served under this time-of-day schedule must remain on the schedule for at least one year, unless the consumer agrees to pay the Cooperative a fee of fifty dollars (\$50) to cover the cost of exchanging the meter.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Renewable Energy Portfolio Standard (REPS) Adjustment:

The consumer's monthly bill shall also include a REPS adjustment based upon the revenue classification of the account. The revenue classifications and monthly charges are shown in the Cooperative's Rider REPS.

Energy Efficiency Rider:

The Energy Efficiency Rider is also applicable to this rate schedule. The current Energy Efficiency Rider charge applicable to this schedule must be added to the cents per kWh above to determine the monthly energy charges.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Load Control:

Rider LC will not be available to those consumers billed under Schedule SGS-TOD-D/E.

Effective for billings rendered on or after November 1, 2014.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**  
**RESIDENTIAL/SMALL GENERAL SERVICE – TIME-OF-DAY**  
**PLUG-IN ELECTRIC VEHICLE**  
**SCHEDULE R/SGS-TOD-E-PEV**

Availability:

This Schedule is available only on a voluntary basis, at the Cooperative's option. The Cooperative reserves the right to limit the number of members based upon the saturation and/or impact on the Cooperative's electric system of members utilizing this rate schedule in a general area. This rate is available only to consumers who would otherwise be served by the Residential or Small General Service schedules and who own or lease a plug-in electric vehicle.

This schedule is not currently available to consumers served under either of the Cooperative's Net Metering Riders.

Applicability:

For purposes of this schedule, the applicant must:

1. Provide electric vehicle registration card corresponding to associated electric address with the Cooperative.
2. Provide proof the vehicle can be recharged from an external plug-in source of electricity.
3. Notify the Cooperative should ownership or lease of the vehicle change.

Character of Service:

Standard service is single-phase 120/240 volts; 60 Hz. Three-phase service may be provided where available. Where three-phase service is available, the voltages must be:

208/120 Volts, 4-Wire wye

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

Monthly Rate:

Facilities Charges:	<u>Residential</u>	<u>Small General</u>
Single-Phase	\$ 35.00 per month	\$ 37.00 per month
Three-Phase	\$ 80.00 per month	\$ 82.00 per month
Energy Charges:	<u>Winter</u>	<u>Summer</u>
On-Peak	26.42¢ per on-peak kWh	33.69¢ per on-peak kWh
Off-Peak	6.14¢ per off-peak kWh	6.14¢ per off-peak kWh
Super Off-Peak	2.79¢ per super off-peak kWh	2.79¢ per super off-peak kWh

Minimum Charge:

The minimum monthly charge shall be the applicable Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

On-Peak and Off-Peak Periods:

For the period beginning at 00:00:01 on the Sunday following the second Saturday of April through 00:00:00 on the second Saturday of October the On-Peak and Off-Peak times shall be:

- On-Peak Hours: 1:00 p.m. - 6:00 p.m., Monday - Friday, excluding those holidays as designated by the Cooperative.
- Super Off-Peak Hours: 10:00 p.m. - 5:00 a.m., All days of the week, including the holidays designated below.
- Off-Peak Hours: All other times.

For the period beginning at 00:00:01 on the Sunday following the second Saturday of October through 00:00:00 on the second Saturday of April the On-Peak and Off-Peak times shall be:

- On-Peak Hours: 6:00 a.m. - 10:00 a.m., Monday - Friday, excluding those holidays as designated by the Cooperative.
- Super Off-Peak Hours: 10:00 p.m. - 5:00 a.m., All days of the week, including the holidays designated below.
- Off-Peak Hours: All other times.

Designated holidays considered off-peak shall be New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day.

Conditions of Service:

The responsibility of the Cooperative for installation and/or maintenance of service facilities shall not extend beyond the central distribution point, unless otherwise specified in the contract for service, or the point at which its service wires are attached to the meter loop provided for measuring electricity used on the premises. Wiring beyond this point extended by the consumer shall be the responsibility of the consumer. All such wiring extended to a structure must be of sufficient capacity to adequately serve the connected load of the consumer.

Contract Period:

Any consumer choosing to be served under this time-of-day schedule must remain on the schedule for at least one year, unless the consumer agrees to pay the Cooperative a fee of fifty dollars (\$50) to cover the cost of reprogramming the meter.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Renewable Energy Portfolio Standard (REPS) Adjustment:

The consumer's monthly bill shall also include a REPS adjustment based upon the revenue classification of the account. The revenue classifications and monthly charges are shown in the Cooperative's Rider REPS.

Energy Efficiency Rider:

The Energy Efficiency Rider is also applicable to this rate schedule. The current Energy Efficiency Rider charge applicable to this schedule must be added to the cents per kWh above to determine the monthly energy charges.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Load Control:

In areas where the Cooperative operates Load Control Devices, and at the Cooperative's option, the Cooperative offers a limited program as described in Rider LC for consumers who voluntarily enter into an agreement for load control.

Effective for billings rendered on or after May 1, 2017.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**GENERAL SERVICE – TIME-OF-DAY  
SCHEDULE GS-TOD**

Availability:

This Schedule is available only on a voluntary basis, at the Cooperative's option. This Cooperative's reserves the right to limit the number of members based upon the saturation and/or impact on the Cooperative's electric system of members utilizing this rate schedule in a general area. This rate is available only to consumers who would otherwise be served by the General Service schedule.

Character of Service:

Standard service shall be single-phase, 120/240 Volts; 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  
12,470/7200 Volts, 4-Wire wye

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

Service Provisions:

Service is furnished at secondary voltage, and the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electrical equipment on the load side of the delivery point shall be owned and maintained by the consumer.

Monthly Rate:

Facilities Charge: \$ 150.00 per month

Demand Charges:

On-Peak	
Summer	\$ 17.50 per kW
Winter	\$ 15.20 per kW
Off-Peak Excess	\$ 2.25 per kW

Energy Charge: 4.87¢ per kWh

Determination of Billing Demand:

The On-Peak Billing Demand shall be the maximum kilowatt demand established by the consumer during a 15 minute interval, during On-Peak hours, within the month for which the bill is rendered, as indicated or recorded by a demand meter, and adjusted for power factor. The Off-Peak Excess Billing Demand shall be the amount by which the maximum Off-Peak demand exceeds the maximum On-Peak demand. If the maximum Off-Peak demand is less than the maximum On-Peak demand, then the Off-Peak Excess Billing Demand is zero.



On-Peak and Off-Peak Periods:

For the period beginning at 00:00:01 on the Sunday following the second Saturday of April through 00:00:00 on the second Saturday of October the On-Peak and Off-Peak times shall be:

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

For the period beginning at 00:00:01 on the Sunday following the second Saturday of October through 00:00:00 on the second Saturday of April the On-Peak and Off-Peak times shall be:

On-Peak Hours: 6:00 a.m. - 10:00 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, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day.

Power Factor Adjustment:

Power factor may be measured at any time. Should such measurements indicate that the power factor at the time of the maximum demand is less than 90 percent, the demand for billing purposes shall be the demand as indicated or recorded by the Demand Meter multiplied by 90 percent and divided by the percent power factor.

Minimum Charge:

The minimum monthly charge shall be the Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

Service at Primary Voltage:

The Cooperative may elect to meter the member on the primary side for the Cooperative's convenience.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Renewable Energy Portfolio Standard (REPS) Adjustment:

The consumer's monthly bill shall also include a REPS adjustment based upon the revenue classification of the account. The revenue classifications and monthly charges are shown in the Cooperative's Rider REPS.

Energy Efficiency Rider:

The Energy Efficiency Rider is also applicable to this rate schedule. The current Energy Efficiency Rider charge applicable to this schedule must be added to the cents per kWh above to determine the monthly energy charges.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Load Control:

Rider LC will not be available to those consumers billed under Schedule GS-TOD.

Effective for billings rendered on or after November 1, 2014.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**LARGE POWER – TIME-OF-DAY  
SCHEDULE LP-TOD**

Availability:

This Schedule is available only on a voluntary basis, at the Cooperative's option. This Cooperative's reserves the right to limit the number of members based upon the saturation and/or impact on the Cooperative's electric system of members utilizing this rate schedule in a general area. This rate is available only to consumers who would otherwise be served by the Large Power schedule.

Character of Service:

Standard service shall be single-phase, 120/240 Volts; 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  
12,470/7200 Volts, 4-Wire wye

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

Service Provisions:

Delivery Point - if service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electrical equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to the consumer's structure unless otherwise specified in the contract for service. All wiring, pole lines, and other electrical equipment (except metering equipment) on the load side of the delivery point shall be owned and maintained by the consumer.

Monthly Rate:

Facilities Charge: \$ 300.00 per month

Demand Charges:

On-Peak  
    Summer \$ 15.95 per kW  
    Winter \$ 12.75 per kW  
Off-Peak Excess \$ 2.75 per kW

Energy Charge:

On-Peak kWh 5.85¢ per kWh  
Off-Peak kWh 3.90¢ per kWh

Determination of Billing Demand:

The On-Peak Billing Demand shall be the maximum kilowatt demand established by the consumer during a 15 minute interval, during On-Peak hours, within the month for which the bill is rendered, as indicated or recorded by a demand meter, and adjusted for power factor. The Off-Peak Excess Billing Demand shall be the amount by which the maximum Off-Peak demand exceeds the maximum On-Peak demand. If the maximum Off-Peak demand is less than the maximum On-Peak demand, then the Off-Peak Excess Billing Demand is zero.

On-Peak and Off-Peak Periods:

For the period beginning at 00:00:01 on the Sunday following the second Saturday of April through 00:00:00 on the second Saturday of October the On-Peak and Off-Peak times shall be:

On-Peak Hours: 1:00 p.m. - 6:00 p.m., Monday - Friday, excluding those holidays as designated by the Cooperative.

Off-Peak Hours: All other times.

For the period beginning at 00:00:01 on the Sunday following the second Saturday of October through 00:00:00 on the second Saturday of April the On-Peak and Off-Peak times shall be:

On-Peak Hours: 6:00 a.m. - 10:00 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, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day.

Power Factor Adjustment:

Power factor may be measured at any time. Should such measurements indicate that the power factor at the time of the maximum demand is less than 90 percent, the demand for billing purposes shall be the demand as indicated or recorded by the Demand Meter multiplied by 90 percent and divided by the percent power factor.

Minimum Charge:

The minimum monthly charge shall be the Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

Service at Primary Voltage:

The Cooperative may elect to meter the member on the primary side for the Cooperative's convenience.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Renewable Energy Portfolio Standard (REPS) Adjustment:

The consumer's monthly bill shall also include a REPS adjustment based upon the revenue classification of the account. The revenue classifications and monthly charges are shown in the Cooperative's Rider REPS.

Energy Efficiency Rider:

The Energy Efficiency Rider is also applicable to this rate schedule. The current Energy Efficiency Rider charge applicable to this schedule must be added to the cents per kWh above to determine the monthly energy charges.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Load Control:

Rider LC will not be available to those consumers billed under Schedule LP-TOD.

Effective for billings rendered on or after November 1, 2014.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**  
**LARGE POWER TIME-OF-DAY – PLANTATION PIPE LINE**  
**SCHEDULE LP-PPL-TOD**

Availability:

This Schedule is available to Plantation Pipe Line under special contract with the Cooperative.

Character of Service:

Service under this schedule is three-phase, 60-cycle at 2,400/4,160 Volts.

Service Provisions:

If electrical service is provided at secondary voltage, the delivery point shall be the metering point unless otherwise agree to in writing by the parties hereto. All wiring, poles, lines and other electrical equipment located on the load side of the delivery point shall be and remain the property of Plantation and Plantation shall be solely responsible for its maintenance and repair.

If electrical service is provided at primary line voltage, the delivery point shall be the point of connection between Piedmont's and Plantation's facilities unless otherwise agree to in writing by the parties hereto. All wiring, poles, lines and other electrical equipment, except for the metering equipment, located on the load side of the delivery point shall be and remain the property of Plantation and Plantation shall be solely responsible for its maintenance and repair. Piedmont shall be and remain the owner of and responsible for the maintenance and repair of the metering equipment.

Piedmont shall use reasonable diligence to furnish Plantation with adequate and dependable electric service, although it cannot and, therefore does not guarantee a continuous and uninterrupted supply thereof.

Rate:

Facilities Charge:	\$ 2,500.00 per month
Demand Charges:	
Annual Demand Charge <sup>1</sup>	\$ 210.94 per kW-yr.
Summer Demand Charge <sup>2</sup>	\$ 21.09 per kW-mo.
Monthly Maximum Demand Charge	\$ 2.40 per kW-mo.
Energy Charge:	
All kWhs	2.44¢ per kWh

<sup>1</sup> The Annual Demand will be billed early each year for the previous year.

<sup>2</sup> The Summer Demand will be billed five months of the year beginning with the first bill rendered in June.

Determination of Billing Demands:

The Annual billing demand shall be consumer's demand contribution to the Cooperative's coincident demand as billed by their major wholesale power supplier.

The Summer billing demand shall be the average of the consumer's maximum clock-hour demand established the previous year for the months of May through September.

The Monthly Maximum billing demand each month shall be maximum clock-hour demand established by the consumer within the month for which the bill is rendered.

Annual Demand True-up:

The consumer's actual annual demand contribution for the previous year shall be calculated early in each year. The annual demand contribution shall be the average of the consumer's on-peak summer clock-hour demands occurring within the hours the Cooperative's major wholesale supplier has determined to be system coincident peak hours. Early in each year the actual annual demand contribution will be taken times the Annual Demand Charge stated above and compared to the amount the Cooperative collected through the Summer Demand Charge in the previous year. The difference between these amounts will be billed or credited to the consumer at that time.

On-Peak Hours:

For the calendar months of May through September time-of-day on-peak hours are weekdays between the hours of 12:00pm and 7:00pm.

Power Factor Adjustment:

Power factor may be measured at any time. Should such measurements indicate that the power factor at the time of the maximum demand is less than 85 percent, the demand for billing purposes shall be the demand as indicated or recorded by the Demand Meter multiplied by 85 percent and divided by the percent power factor.

Minimum Charge:

The minimum monthly charge shall be the Facilities Charge specified above. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities.

Service at Primary Voltage:

The Cooperative may elect to meter the member on the primary side for the Cooperative's convenience.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Effective for billings rendered on or after August 1, 2017.



**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**OUTDOOR LIGHTING SERVICE  
SCHEDULE SL**

Availability:

This Schedule is available in all territory served by the Cooperative, subject to the Cooperative's established Service Rules and Regulations.

Applicability:

This Schedule is applicable to any consumer of the Cooperative.

Character of Service:

Vertical, open type, Pendant Luminaire:

- A) 100 Watt (9,500 Lumen) High Pressure Sodium Lamp
- B) 175 Watt (7,000 Lumen) Mercury Vapor Lamp (closed to new installations)

Town and Country Post Top Fixture on Fiberglass Poles, Twelve (12) Foot Mounting Height:

- C) 100 Watt (9,500 Lumen) High Pressure Sodium Lamp on Decorative Fluted Fiberglass Pole
- D) 100 Watt (9,500 Lumen) High Pressure Sodium Lamp on Tapered Fiberglass Pole
- E) 72 Watt (5,300 Lumen) Light Emitting Diode (LED) on Tapered Fiberglass Pole

Horizontal, enclosed, IES Type 5 Luminaire

- F) 55 Watt (5,200 Lumen) Light Emitting Diode (LED) Fixture
- G) 66 Watt (4,100 Lumen) Light Emitting Diode (LED) Fixture (closed to new installations)

Monthly Rates (dusk to dawn):

- |                                                   |                    |
|---------------------------------------------------|--------------------|
| A) 9,500 Lumen High Pressure Sodium (Pendant):    | \$ 10.15 per month |
| B) 7,000 Lumen Mercury Vapor (Pendant):           | \$ 10.65 per month |
| C) 9,500 Lumen High Pressure Sodium (Decorative): | \$ 19.25 per month |
| D) 9,500 Lumen High Pressure Sodium (Tapered):    | \$ 14.25 per month |
| E) 5,300 Lumen Light Emitting Diode (Tapered):    | \$ 16.10 per month |
| F) 5,200 Lumen Light Emitting Diode (Horizontal): | \$ 10.15 per month |
| G) 4,100 Lumen Light Emitting Diode (Horizontal): | \$ 10.15 per month |

Conditions of Service:

1. The Cooperative shall furnish, install, operate, and maintain the outdoor lighting equipment including lamp, luminaire, bracket attachment and control device on an existing pole of the Cooperative, electrically connected so that the power for operation of the light does not pass through the meter for the consumer's other usage, at a location mutually agreeable to both the Cooperative and the consumer. The Cooperative shall furnish and install a wooden pole if required for the outdoor light, within 150 feet of existing secondary circuits. If an additional wood pole is required, other than for mounting the lighting fixture, there will be a contribution-in-aid of construction of \$125.00 per pole. The contribution-in-aid of construction for the decorative post top fixture on the decorative fluted fiberglass pole with a

twelve (12) foot mounting height will be \$1,125.00. The fiberglass pole is available for underground service installation only.

2. Other decorative and non-standard luminaires can be installed upon request, at the Cooperative's option. In order for the Cooperative to recover its investment and purchased power related costs the Cooperative will calculate a flat rate based upon the investment and lamp wattage. In calculating the Cooperative's recovery of their investment, a monthly charge equal 2.0% times the estimated installed cost of the non-standard luminaires will be applied to recover the Cooperative's investment. The charge for the purchased power related costs shall be 3.778¢ times the estimated average monthly kWh usage.

At the Cooperative's option, the consumer may reduce the monthly fixed charge by paying the Cooperative an up-front contribution-in-aid of construction for all or a portion of the estimated cost of the non-standard luminaires. For that portion that a contribution-in-aid of construction is paid, the monthly charge shall equal 1.0% times the contributed portion of the investment.

3. The Cooperative shall maintain the lighting equipment, including lamp replacement, at no additional cost to the consumer.
4. Subject to availability of the necessary photovoltaic cell, the availability of the Cooperative's workforce and at the discretion of the Cooperative, a consumer may choose any of the alternate burn schedules shown in the table on the next page.
5. Consumer requested conversion of an existing, properly operating Security light fixture will require the following one time service charge(s):

Conversion of fixture on same pole, same location:	\$36.00
Conversion of fixture requiring removal of a pole:	\$36.00

6. The lighting equipment shall remain the property of the Cooperative. The consumer shall protect the lighting equipment and shall pay, at cost, for deliberate damage.
7. The consumer shall allow authorized representatives of the Cooperative to enter upon the consumer's premises and to trim trees and shrubs as necessary for maintenance of the lighting equipment and for removal of the lighting equipment upon termination of service under this schedule.

Contract Period:

The original term of this contract shall be for one year and thereafter until terminated by either party upon thirty days written notice. The Cooperative may require a contract of original term, up to ten (10) years, and may require an advance payment not to exceed the estimated revenue for the term of the contract.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

**kWh Sales, kWh Discount, and Dollar Discount**

	<u>kWhs</u>	<u>Night Hrs - Sunset to 10 pm</u>	<u>Night Hrs - Sunset to 11 pm</u>	<u>Night Hrs - Sunset to 12 pm</u>	<u>Night Hrs - Sunset to 1 am</u>
<b>100-Watt High Pressure Sodium</b>					
kWh Sales	40	12	16	19	23
kWh Discount		28	24	21	17
Dollar Discount		\$1.30	\$1.11	\$0.97	\$0.79
<b>175-Watt Mercury Vapor</b>					
kWh Sales	70	22	28	34	39
kWh Discount		48	42	36	31
Dollar Discount		\$2.23	\$1.95	\$1.67	\$1.44
<b>72-Watt Light Emitting Diode (LED)</b>					
kWh Sales	24	7	10	12	14
kWh Discount		17	14	12	10
Dollar Discount		\$0.79	\$0.65	\$0.56	\$0.46
<b>55-Watt Light Emitting Diode (LED)</b>					
kWh Sales	18	6	7	9	10
kWh Discount		12	11	9	8
Dollar Discount		\$0.56	\$0.51	\$0.42	\$0.37
<b>66-Watt Light Emitting Diode (LED)</b>					
kWh Sales	22	7	9	11	12
kWh Discount		15	13	11	10
Dollar Discount		\$0.70	\$0.60	\$0.51	\$0.46

Effective for billings rendered on or after November 1, 2014.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**STREET LIGHTING SERVICE  
SCHEDULE SL-1**

Availability:

This Schedule is available in all territory served by the Cooperative, subject to the Cooperative's established Service Rules and Regulations.

Applicability:

This Schedule is applicable for the purpose of lighting streets, highways, parks, parking lots, and other public places.

Character of Service:

Horizontal, enclosed, "Cobra-style" Luminaire, with six foot bracket on an existing pole:

- A) 100 Watt (9,500 Lumen) High Pressure Sodium Lamp
- B) 150 Watt (16,000 Lumen) High Pressure Sodium Lamp
- C) 250 Watt (27,500 Lumen) High Pressure Sodium Lamp
- D) 92 Watt (8,400 Lumen) Light Emitting Diode (LED) Light
- E) 143 Watt (10,700 Lumen) Light Emitting Diode (LED) Light

Acorn type Luminaire on 15 foot tapered fiberglass pole:

- F) 175 Watt (14,000 Lumen) Metal Halide Lamp

Decorative Acorn Cutoff type Luminaire on 15 foot tapered fiberglass pole:

- G) 175 Watt (14,000 Lumen) Metal Halide Lamp

Decashield® II Luminaire on 30 foot laminated wood pole:

- H) 100 Watt (9,500 Lumen) High Pressure Sodium Lamp

Floodlight installed on an existing pole:

- G) 400 Watt (40,000 Lumen) Metal Halide Lamp
- H) 400 Watt (50,000 Lumen) High Pressure Sodium Lamp
- I) 1,000 Watt (100,000 Lumen) Metal Halide Lamp
- J) 1,000 Watt (140,000 Lumen) High Pressure Sodium Lamp

Monthly Rates (dusk to dawn):

Horizontal, enclosed, "Cobra-style" Luminaire, with six foot bracket on an existing pole:

- A) 9,500 Lumen High Pressure Sodium: \$ 10.65 per month
- B) 16,000 Lumen High Pressure Sodium: \$ 11.95 per month
- C) 27,500 Lumen High Pressure Sodium: \$ 15.90 per month
- D) 8,400 Lumen Light Emitting Diode: \$ 11.95 per month
- E) 10,700 Lumen Light Emitting Diode: \$ 15.90 per month

Acorn type Luminaire on 15 foot tapered fiberglass pole:

- F) 14,000 Lumen Metal Halide: \$ 16.85 per month

Decorative Acorn Cutoff type Luminaire on 15 foot tapered fiberglass pole:

- G) 14,000 Lumen Metal Halide: \$ 27.00 per month

Decashield® II Luminaire on thirty-foot laminated wood pole:	
H) 9,500Lumen High Pressure Sodium:	\$ 14.35 per month
Floodlight installed on an existing pole:	
I) 40,000 Lumen Metal Halide:	\$ 16.20 per month
J) 50,000Lumen High Pressure Sodium:	\$ 19.15 per month
K) 100,000 Lumen Metal Halide:	\$ 24.40 per month
L) 140,000 Lumen High Pressure Sodium:	\$ 24.70 per month

Additional Facilities and Charges:

Twelve-foot bracket replacing six-foot bracket:	\$ 1.85 per month
Sixteen-foot bracket replacing six-foot bracket:	\$ 2.80 per month
Thirty foot wood pole:	\$ 3.30 per month
Thirty-five foot wood pole:	\$ 4.20 per month
Forty foot wood pole:	\$ 6.75 per month
Twenty-nine foot tapered fiberglass pole:	\$ 6.15 per month

Conditions of Service:

1. The Cooperative shall furnish, install, operate, and maintain the street lighting equipment including lamp, luminaire, bracket attachment and control device on an existing pole of the Cooperative, electrically connected so that the power for operation of the light does not pass through the meter for the consumer's other usage, at a location mutually agreeable to both the Cooperative and the consumer. The Cooperative shall furnish and install additional facilities if required for the street light, per the additional facilities charge schedule above.
2. If an additional wood pole is required, other than for mounting the lighting fixture, there will be a contribution-in-aid of construction of \$125.00 per pole. The contribution-in-aid of construction required for a 29' fiberglass pole will be \$375.00 in addition to the additional facilities charge specified above. The contribution-in-aid of construction required for the Decashield® II luminaire on the laminated wood pole will be \$720.00 in addition to the facilities charge specified above. The fiberglass and laminated wood poles are available for underground installations only.
3. Other decorative and non-standard luminaires can be installed upon request, at the Cooperative's option. In order for the Cooperative to recover its investment and purchased power related costs the Cooperative will calculate a flat rate based upon the investment and lamp wattage. In calculating the Cooperative's recovery of their investment, a monthly charge equal 2.0% times the estimated installed cost of the non-standard luminaires will be applied to recover the Cooperative's investment. The charge for the purchased power related costs shall be 3.778¢ times the estimated average monthly kWh usage.

At the Cooperative's option, the consumer may reduce the monthly fixed charge by paying the Cooperative an up-front contribution-in-aid of construction for all or a portion of the estimated cost of the non-standard luminaires. For that portion that a contribution-in-aid of construction is paid, the monthly charge shall equal 1.0% times the contributed portion of the investment.

4. The Cooperative shall maintain the lighting equipment, including lamp replacement, at no additional cost to the consumer.
5. Consumer requested conversion of an existing, properly operating Security light fixture served under Schedule SL to a Street light fixture under this schedule will require the following one time service charge(s):
 

Conversion of fixture on same pole, same location:	\$36.00
Conversion of fixture requiring removal of a pole:	\$36.00
6. The lighting equipment shall remain the property of the Cooperative. The consumer shall protect the lighting equipment and shall pay, at cost, for deliberate damage.
7. Subject to availability of the necessary photovoltaic cell, the availability of the Cooperative's workforce and at the discretion of the Cooperative, a consumer may choose any of the alternate burn schedules shown in the table below.
8. The consumer shall allow authorized representatives of the Cooperative to enter upon the consumer's premises and to trim trees and shrubs as necessary for maintenance of the lighting equipment and for removal of the lighting equipment upon termination of service under this schedule.

Contract Period:

The original term of this contract shall be for one year and thereafter until terminated by either party upon thirty days written notice. The Cooperative may require a contract of original term, up to ten (10) years, and may require an advance payment not to exceed the estimated revenue for the term of the contract.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

### kWh Sales, kWh Discount, and Dollar Discount

	<u>kWhs</u>	<u>Night Hrs - Sunset to 10 pm</u>	<u>Night Hrs - Sunset to 11 pm</u>	<u>Night Hrs - Sunset to 12 pm</u>	<u>Night Hrs - Sunset to 1 am</u>
<b>100-Watt High Pressure Sodium</b>					
kWh Sales	40	12	16	19	23
kWh Discount		28	24	21	17
Dollar Discount		\$1.30	\$1.11	\$0.97	\$0.79
<b>150-Watt High Pressure Sodium</b>					
kWh Sales	61	19	24	29	34
kWh Discount		42	37	32	27
Dollar Discount		\$1.95	\$1.72	\$1.48	\$1.25
<b>175-Watt Mercury Vapor</b>					
kWh Sales	70	22	28	34	39
kWh Discount		48	42	36	31
Dollar Discount		\$2.23	\$1.95	\$1.67	\$1.44
<b>250-Watt High Pressure Sodium</b>					
kWh Sales	100	31	39	48	56
kWh Discount		69	61	52	44
Dollar Discount		\$3.20	\$2.83	\$2.41	\$2.04
<b>400-Watt High Pressure Sodium</b>					
kWh Sales	156	48	62	75	88
kWh Discount		108	94	81	68
Dollar Discount		\$5.01	\$4.36	\$3.75	\$3.15
<b>1,000-Watt Metal Halide</b>					
kWh Sales	360	112	142	173	203
kWh Discount		248	218	187	157
Dollar Discount		\$11.50	\$10.11	\$8.67	\$7.28

Effective for billings rendered on or after October 1, 2015.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**STREET LIGHTING SERVICE RATE - TREYBURN  
SCHEDULE SL-T**

Availability:

Available in all territory served by the Cooperative within the boundaries of Treyburn, subject to the Cooperative's established Service Rules and Regulations and the Agreement for Street Lights in Treyburn entered into by Piedmont EMC, the City of Durham and Treyburn.

Applicability:

This Schedule is applicable to unmetered consumer-owned and Cooperative-owned street lighting within Treyburn.

Character of Service:

Unmetered energy provided from dusk to dawn to consumer-owned and Cooperative-owned fixtures and bulb maintenance per the Agreement cited above.

Service is also available on Cooperative-owned Archtype® luminaire on a thirty (30) foot fiberglass pole, where the City of Durham has accepted responsibility for the monthly charges.

Monthly Rate:

Cooperative-owned Light Emitting Diode (LED) fixtures on customer-owned metal poles:

A) 72-Watt LED fixture: \$ 13.50 per month

Customer-owned fixtures:

B) 400 Watt Mercury Vapor Bulb: \$ 15.45 per month

Cooperative-owned Archtype® luminaire on a thirty (30) foot fiberglass pole:

C) 9,500 Lumen High Pressure Sodium Bulb: \$ 10.15 per month \*\*

Conditions of Service:

A contribution-in-aid shall be paid to the Cooperative equal to the installed cost differential between the Cooperative's standard 100-Watt high pressure sodium pendant fixture on a wood pole and a 100-Watt Archtype® luminaire on a thirty-foot fiberglass pole, plus the net present value of the projected maintenance differential over the anticipated life of the fixture, for each installation within the boundaries of Treyburn. All other conditions of service are as specified per the Agreement cited above.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

\*\* Monthly rate will track the charges for the 100-Watt high pressure sodium pendant shown in the Cooperative's Schedule SL "Outdoor Lighting Service."



Terms of Payment:

Bills are net and due within 25 days from date of bill.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Effective for billings rendered on or after May 1, 2017.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**  
**COOPERATIVE-OWNED AND MAINTAINED METERED**  
**OUTDOOR LIGHTING SERVICE**  
**SCHEDULE MOL**

Availability:

This Schedule is available for metered electric service for area or sports lighting, specifically designed for outdoor usage, in all territory served by the Cooperative, subject to the Cooperative's established Service Rules and Regulations.

Character of Service:

Single- or three-phase, 60-cycle alternating current, at an available secondary voltage mutually agreed upon between the Cooperative and the consumer. Service under this Schedule shall be supplied to the location at one point of delivery through one meter.

Service under this schedule shall include the installation of the area lighting system that will be owned, operated and maintained by the Cooperative. Area lighting systems to be owned, operated and maintained by the Cooperative must be approved by the Cooperative prior to installation.

Monthly Rate:

Facilities Charge:	As outlined below
Demand Charge: All kW billing demand	\$ 3.00 per kW
Energy Charge: All kWh per month	4.50¢ per kWh

Minimum Charge:

The minimum monthly charge under this schedule shall be the Facilities Charge.

Determination of Billing Demand:

The Billing Demand shall be the higher of the following:

1. The maximum kilowatt demand established for any period of 15 consecutive minutes during the month, or
2. The minimum Billing Demand that may be provided in the Power Contract.

Determination of Monthly Facilities Charge:

The monthly Facilities Charge shall be equal to 2.50% times the actual installation cost, including material, labor, engineering, and appropriate overheads, of the area lighting system less any contribution-in-aid of construction paid to the Cooperative by the consumer. In addition to this monthly Facilities Charge for the non-contributed portion of the lighting system, the consumer shall pay an additional monthly Facilities Charge equal to 1.25% times the amount of

the contribution-in-aid of construction paid towards the installation of the area lighting system. The Cooperative reserves the right to collect a contribution-in-aid of construction for a portion of or all of the installation costs related to any project. The charge for power related costs shall be 3.288¢ times the estimated average monthly kWh usage.

Contract Period:

The original term of this contract shall be for five years and thereafter until terminated by either party upon ninety days written notice. The Cooperative may require a contract of original term, up to ten years, and may require an advance payment not to exceed the estimated revenue for the term of the contract.

Wholesale Power Cost Adjustment:

The above rates shall be increased or decreased in accordance with the Wholesale Power Cost Adjustment Rider.

Terms of Payment:

Payments for service under this schedule are net and due within 25 days from the date the bill is rendered.

Applicable Taxes:

The total bill under this Schedule will be increased for any applicable sales taxes imposed by any governmental authority.

Effective for billings rendered on or after November 1, 2014.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**  
**WHOLESALE POWER COST ADJUSTMENT CLAUSE RIDER**  
**RIDER WPCA**

Applicability:

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

Billing:

Each kilowatt-hour sold may be increased or decreased by an amount, to the nearest one-thousandth of a cent (\$.00001 dollars), determined by use of the following formula:

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

Where:

- C = Projected purchased power costs for the next 12 months.
- B = Base cost of purchased power (7.372¢ / kWh) built into the retail rates.
- P = Projected kWh purchases for the next 12 months.
- D = The total accumulated difference between the Cooperative's WPCA charges and the purchased power posts applicable to this clause through the end of the most recent month available.
- S = Projected kWh sold for the next 12 months.

Effective for billings rendered on or after November 1, 2014.

# PIEDMONT ELECTRIC MEMBERSHIP CORPORATION

## LOAD CONTROL RIDER LC

### Availability:

This Rider is available to individually metered consumers receiving concurrent service from the Cooperative. In areas where the Cooperative operates load control devices, consumers may, on a limited basis, voluntarily enter into a specific agreement for load control, at the Cooperative's option. In addition to all other requirements of the applicable rate schedule, the following provisions shall apply:

#### 1. General Provisions

The Cooperative shall have the right to interrupt service to the consumer's central air conditioning systems and/or electric water heaters. This interruption of service may be at any time the Cooperative deems necessary, and the Cooperative reserves the right to test the functioning of these load control provisions at any time.

An electric water heater may be controlled provided it is of the automatic, insulated storage type, of not less than 30-gallon capacity, and is installed and used without alternative system assistance.

The Cooperative shall have the right to require that the owner of the controlled equipment give satisfactory written approval for the Cooperative's installation and operation of load control devices on that equipment before entering into an agreement with the consumer and making such installation.

#### 2. Credits for Load Management

A payment for controlled water heating will be made to the consumer as a billing credit as follows:

\$ 1.00 per month for all months.

A payment for controlled air conditioning will be made to the consumer in each of the billing months of June through September as a billing credit as follows:

Standard Load Control – \$ 2.50 per month for the four billing months of June through September.

Load Control Plus – \$ 5.00 per month for the four billing months of June through September.

Total Control – \$ 7.50 per month for the four billing months of June through September.

After applying all applicable credits, the consumer's monthly bill shall not be less than the Basic Facilities Charge for the applicable schedule.

3. Contract Period

The Cooperative offers a contract for consumers allowing load control for an initial term of one year and thereafter until terminated by either party on thirty days' written notice.

Effective for billings rendered on or after July 1, 2007.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**  
**SMALL RENEWABLE GENERATION NET METERING RIDER**  
**RIDER SRG-NM**

Availability:

This Rider is available in conjunction with any of the Cooperative's Residential, Small General Service, General Service, or Large Power Service schedules where consumer-owned Renewable Generation is 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 25 kW or less. Renewable Generation connected in parallel with the Cooperative's facilities must have safety, system protection, and power quality equipment installed and operated in accordance with rules of the Cooperative.

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

Character of Service:

The 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.

Monthly Rate:

Interconnection Facilities Charge:

\$3.75 per month, plus the Facilities Charge applicable to the rate schedule under which the consumer purchases energy from the Cooperative. The Facilities Charges are due monthly regardless of whether the consumer is net seller or purchaser of energy to or from the Cooperative.

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 or delivered to 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:

Excess Energy 4.94 ¢ per kWh

Renewable Energy Certificates:

For renewable generators served under this Rider, the Cooperative shall have the first right of refusal for any renewable energy certificates (RECs) and any environmental attributes produced as a result of the energy generated by the renewable generation. Payments and/or credits for the RECs and any environmental attributes produced as a result of the energy generated by the

renewable generation shall be at the rate stated below. Prior to any payments and/or credits for RECs or any environmental attributes produced, the Renewable Generator must be registered with the North Carolina Utilities Commission using NC-RETS and notification of a REC transfer from NC-RETS must have been received by the Cooperative. Consumers receiving compensation for the RECs from the Cooperative shall not be eligible to participate in NC GreenPower's renewable generation programs.

Renewable Energy Certificate (REC) Credit:

All RECs per month

1.00 ¢ per kWh

Safety, Interconnection, and Inspection Requirements:

This Rider is only applicable for renewable generation that complies with the Cooperative's interconnection requirements, along with any IEEE, NESC, and NEC standards related to interconnecting to public utilities. In order to ensure protection of the Cooperative's system, the Cooperative reserves the right, at its discretion, to inspect the consumer's renewable generation 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 premise if the Cooperative determines that the renewable generation is not in compliance with the Interconnection Standard and is being operated in parallel with the Cooperative's system.

The 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 Cooperative, at the consumer's expense, if the consumer's renewable generation, 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 generation is interconnected with the Cooperative's system, comprehensive general liability insurance with limits of at least \$100,000 per occurrence which protects the consumer from claims for bodily injury and/or property damage. 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 generation with the Cooperative's system, if such insurance is not in effect.

Metering Requirements:

The Cooperative will furnish, install, own, and maintain metering to measure the kilowatt-hours delivered by the Cooperative to the 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 consumer's service may be metered with: (a) a single, bi-directional meter, which records independently the flow of electricity in each direction through the meter; or (b) at the Cooperative's option, two meters, equipped to prevent reverse registration, one which will measure the energy delivered by the Cooperative to the consumer, and the other which will measure the energy delivered by 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 (25 kW or less), environmentally friendly technologies – such as photovoltaic (PV), fuel cells, micro-turbines, biomass-fueled, or small wind turbines – that are installed on and designed primarily to serve a single-user's site.

Excess Energy – Excess Energy shall be defined as energy produced by the consumer's generator that exceeds the energy used by the consumer at any given time, the end result of which would be energy delivered to the Cooperative. In the event that Excess Energy was delivered to the Cooperative at the end of the billing period, the Cooperative will pay the consumer for the amount of Excess Energy delivered at the Energy Credit Rate shown above.

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 a sixty (60) day notice of such termination in writing. The Cooperative reserves the right to offer a contract for a longer original term of years as specified in the individual contract with the 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 generation 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.

The Monthly Rates and amount paid for Renewable Energy Certificates stated in this Rider may change from time to time as amended by the Cooperative's Board of Directors.

Effective for billings rendered on or after May 1, 2017.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**  
**MEDIUM RENEWABLE GENERATION NET METERING RIDER**  
**RIDER MRG-NM**

Availability:

This Rider is available in conjunction with any of the Cooperative's Residential, Small General Service, or General Service schedules where consumer-owned Renewable Generation rated in excess of 25 kW, up to maximum of 200 kW, is 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: (1) the consumer's estimated maximum 15-minute integrated demand, or (2) the consumer's Contract Demand. Renewable Generation connected in parallel with the Cooperative's facilities must have safety, system protection, and power quality equipment installed and operated in accordance with rules of the Cooperative.

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

Character of Service:

The type of services available under this Rider is single-phase 3 wires or three-phase 4 wires, 60 Hz alternating current, at one of the Cooperative's standard secondary voltages.

Monthly Rate:

In addition to all other charges stated in the Monthly Rate section of the schedule the consumer to which this Rider is being used, the following charges apply:

Interconnection Facilities Charge:	\$ 10.00 per month
Excess Facilities Charge:	2.0% times Cooperative's cost of Excess Facilities
Energy Credit:	
All Excess Energy	4.94 ¢ per kWh
Standby Charge:	\$ 1.75 per kW

Determination of Standby Charges:

The Cooperative will require each nonresidential consumer served under this Rider to contract for standby service. For billing purposes, the Standby kW will be based on the Nameplate Rating, in kilowatts, of the consumer's renewable generation.

### Renewable Energy Certificates:

Payments and/or credits for the renewable energy certificates (RECs) and any environmental attributes produced as a result of the energy generated by the renewable generation shall be negotiated between the consumer 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.

### Safety, Interconnection, and Inspection Requirements:

This Rider is only applicable for renewable generation that complies with the Cooperative's interconnection requirements, along with any IEEE, NESC, and NEC standards related to interconnecting to public utilities. In order to ensure protection of the Cooperative's system, the Cooperative reserves the right, at its discretion, to inspect the consumer's renewable generation at any time upon reasonable notice to the consumer in an effort to ensure compliance with the Interconnection Standard. The Cooperative reserves the right to disconnect electric service to any premises if the Cooperative determines that the renewable generation is not in compliance with the Interconnection Standard and is being operated in parallel with the Cooperative's system.

The 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. Such devices shall be installed 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 Cooperative, at the consumer's expense, if the consumer's renewable generation, despite compliance with the Interconnection Standard, causes safety, reliability or power quality problems.

The consumer shall obtain and retain, for as long as the renewable generation is interconnected with the Cooperative's system, comprehensive general liability insurance with limits of at least \$500,000 per occurrence which protects the consumer from claims for bodily injury and/or property damage. 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 generation with the Cooperative's system, if such insurance is not in effect.

### Metering Requirements:

The Cooperative will furnish, install, own, and maintain metering to measure the kilowatt-hours delivered by the Cooperative to the 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 consumer's service may be metered with: (a) a single, bi-directional meter, which records independently the

flow of electricity in each direction through the meter; or (b) at the Cooperative's option, two meters, equipped to prevent reverse registration, one which will measure the energy delivered by the Cooperative to the consumer, and the other which will measure the energy delivered by 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 mid-scale (greater than 25 kW and up to 200 kW), environmentally friendly technologies – such as photovoltaic (PV), fuel cells, micro-turbines, biomass-fueled, or small wind turbines – that are installed on and designed primarily to serve a single-user's site.

Excess Energy – Excess Energy shall be defined as energy produced by the consumer's generator that exceeds the energy used by the consumer at any given time, the end result of which would be energy delivered to the Cooperative. In the event that Excess Energy was delivered to the Cooperative at the end of the billing period, the Cooperative will pay the consumer for the amount of Excess Energy delivered at the Energy Credit Rate shown above.

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 generation 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.

The Monthly Rates and the amount paid for Renewable Energy Certificates stated in this Rider may change from time to time as amended by the Cooperative's Board of Directors.

Effective for billings rendered on or after May 1, 2017.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**SMALL QUALIFYING FACILITIES PURCHASED POWER  
SCHEDULE SQF**

Availability:

Available only to members located in the Cooperative's service territory which 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 not in excess of 25 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 at the first kWh block of the Cooperative's Small General Service 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 in regard to service under this Rider are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises, and permits for such service. The Cooperative shall not be liable to any 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 or 480/277 Volts, 4-Wire wye

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

Monthly Rate:

Interconnection Facilities Charge<sup>1</sup>: \$ 3.75 per month

Energy Credit

All Energy per Month: 4.94 ¢ per kWh

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

Renewable Energy Certificates:

For renewable generators served under this Rider, the Cooperative shall have the first right of refusal for any renewable energy certificates (RECs) and any environmental attributes produced as a result of the energy generated by the renewable generation. Payments and/or credits for the RECs and any environmental attributes produced as a result of the energy generated by the renewable generation shall be at the rate stated below. Prior to any payments and/or credits for RECs or any environmental attributes produced, the Renewable Generator must be registered with the North Carolina Utilities Commission using NC-RETS and notification of a REC transfer from NC-RETS must have been received by the Cooperative. Consumers receiving compensation for the RECs from the Cooperative shall not be eligible to participate in NC GreenPower’s renewable generation programs.

Renewable Energy Certificate (REC) Credit:

All RECs per month 1.00 ¢ per kWh

Definitions:

Nameplate Capacity: The term “Nameplate Capacity” shall mean the maximum continuous electrical output capability of the generation(s) 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 exciters).

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

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 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. The monthly Interconnection Facilities Charge shall be the greater of the:

1. Facilities Charge stated above,
2. Two-percent of the installed cost of the distribution, service, and interconnection related facilities, or
3. If the member makes an up-front contribution-in-aid of construction for all or a portion of the estimated cost of the facilities, 1.0% times the contributed portion of the investment.

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.

Safety, Interconnection, and Inspection Requirements:

This Rider is only applicable for renewable generation that complies with the Cooperative's interconnection requirements, along with any IEEE, NESC, and NEC standards related to interconnecting to public utilities. In order to ensure protection of the Cooperative's system, the Cooperative reserves the right, at its discretion, to inspect the consumer's renewable generation 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 generation 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 Cooperative, at the consumer's expense, if the consumer's renewable generation, 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 generation is interconnected with the Cooperative's system, comprehensive general liability insurance with limits of at least \$100,000 per occurrence which protects the consumer from claims for bodily injury and/or property damage. 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 generation with the Cooperative's system, if such insurance is not in effect.

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.

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.

Contract Period:

Each member shall enter into a contract with a five (5) year term which shall specify the amount of capacity committed for delivery throughout the term of the contract. Following the initial term, the Monthly Rate as from time to time amended by the Cooperative's Board shall apply to all power purchased by the Cooperative until superseded by a new contract.

The Cooperative reserves the right to terminate the member's contract under this Rider at any time upon written notice to the member in the event that the member violates any of the terms or conditions of this Rider or operates 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.

Effective for billings rendered on or after May 1, 2017.



## **PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

### **QUALIFYING FACILITIES PURCHASED POWER SCHEDULE QF**

#### Availability:

Available only to members located in the Cooperative's service territory which have qualifying facilities fueled by trash or methane derived from landfills, hog waste, or poultry waste, or other generating facilities contracting to sell generating capacity and energy greater than 25 kW but not in excess of 200 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 in regard to service under this Rider are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises, and permits for such service. The Cooperative shall not be liable to any 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 or 480/277 Volts, 4-Wire wye

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

Monthly Rate:

- I. Capacity Credit
  - a. All On-Peak Energy per On-Peak Month per kWh: 2.00¢
  - b. All On-Peak Energy per Off-Peak Month per kWh: 1.00¢
  
- II. Energy Credit
  - a. All On-Peak Energy per Month per kWh: 4.05¢
  - b. All Off-Peak Energy per Month per kWh: 3.07¢

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 exciters).

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

The On-Peak Months shall be the Months of June through September and December through March. The Off-Peak Months shall be the Months of April, May, October, and November.

Determination of On-Peak and Off-Peak Energy:

On-Peak Energy shall be energy, in kilowatt-hours, which is supplied to the Cooperative during On-Peak Period Hours. Off-Peak Energy shall be energy, in kilowatt-hours, which is supplied to the Cooperative during the Off-Peak Period Hours.

The On-Peak Period Hours shall be those hours, Monday through Friday, beginning at 7 a.m. and ending at 11 p.m. The Off-Peak Period Hours shall be all other weekday hours and all Saturday and Sunday hours.

Renewable Energy Certificates:

Payments and/or credits for the renewable energy certificates (RECs) and any environmental attributes produced as a result of the energy generated by the renewable generation shall be negotiated between the consumer 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 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. The Interconnection Facilities Charge shall be:

1. Equal to 2% of the installed cost of the distribution, service, and interconnection related facilities, or
2. The member may make an up-front contribution-in-aid of construction for all or a portion of the estimated cost of the facilities, which will reduce the monthly charge to 1.0% times the contributed portion of the investment

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

#### Determination of Capacity Credits:

Capacity Credits will be based on the energy, in kilowatt-hours, which is supplied to the Cooperative during the On-Peak Period Hours of the Month and will be applied to the member's bill in the appropriate Month. Capacity Credits are available only to qualifying facilities classified as "new capacity" in accordance with the Federal Energy Regulatory Commission's Order No. 69 in Docket No. RM79-55.

#### Safety, Interconnection, and Inspection Requirements:

This Rider is only applicable for renewable generation that complies with the Cooperative's interconnection requirements, along with any IEEE, NESC, and NEC standards related to interconnecting to public utilities. In order to ensure protection of the Cooperative's system, the Cooperative reserves the right, at its discretion, to inspect the consumer's renewable generation at any time upon reasonable notice to the consumer in an effort to ensure compliance with the Interconnection Standard. The Cooperative reserves the right to disconnect electric service to any premises if the Cooperative determines that the renewable generation is not in compliance with the Interconnection Standard and is being operated in parallel with the Cooperative's system.

The 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. Such devices shall be installed 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 Cooperative, at the consumer's expense, if the consumer's renewable generation, despite compliance with the Interconnection Standard, causes safety, reliability or power quality problems.

The consumer shall obtain and retain, for as long as the renewable generation is interconnected with the Cooperative's system, comprehensive general liability insurance with limits of at least \$500,000 per occurrence which protects the consumer from claims for bodily injury and/or property damage. 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 generation with the Cooperative's system, if such insurance is not in effect.

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.

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.

Contract Period:

Each member shall enter into a contract with a five (5) year term which shall specify the amount of capacity committed for delivery throughout the term of the contract. Following the initial term, the Monthly Rate as from time to time amended by the Cooperative's Board shall apply to all power purchased by the Cooperative until superseded by a new contract.

The Cooperative reserves the right to terminate the member's contract under this Rider at any time upon written notice to the member in the event that the member violates any of the terms or conditions of this Rider or operates 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.

Effective for billings rendered on or after May 1, 2017.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**NC GREENPOWER PROGRAM  
RIDER GP-2**

Availability:

This Rider is available on a voluntary basis in conjunction with any of the Cooperative's Schedules for a Consumer 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 consumers served under this Rider shall be determined by the maximum number of blocks of electricity available through the NC GreenPower Program. This Program is available until March 31, 2016, and shall automatically extend thereafter unless modified or revised by order of the North Carolina Utilities Commission.

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 Consumer purchases:

\$ 4.00 per block

This Rider's Monthly Rate shall be applied to Consumer's billing regardless of Consumer's actual monthly kilowatt-hour consumption. While taking service under this Rider, the Consumer 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 consumers have purchased. However, a true-up of the delivery of the blocks to the purchase of blocks shall be completed within two years of the purchase.

The electricity purchased or produced from the Renewable Resources may not be specifically delivered to Consumer, but will displace electricity that would have otherwise been produced from traditional generating facilities for delivery to consumers 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 consumers 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 Consumer 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 for any applicable sales taxes imposed by any governmental authority.

Effective for service rendered on and after June 1, 2015.

NCUC Docket No. E-100, Sub 90

## **PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

### **NC GREENPOWER PROGRAM RIDER REN-1**

#### Availability:

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

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

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

#### Monthly Rate:

In addition to all other charges stated in the Monthly Rate of the Schedule with which this Rider is used, the following charge shall also apply to each block the Consumer 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 Consumer's billing regardless of Consumer's actual monthly kilowatt-hour consumption.

#### Definitions:

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

#### Special Conditions:

The actual amount of electricity provided by Renewable Resources under this Rider to the state-wide electricity grid in North Carolina during any specific month may vary from the number of blocks consumers 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 Consumer, but will displace electricity that would have otherwise been produced from traditional generating facilities for delivery to consumers within the State of North Carolina. This electricity shall be provided to the electricity grid.

Distribution of Rider Funds:

Charges under this Rider will be used to offset the higher cost of producing, purchasing, and/or acquiring Renewable Resources. The funds, less applicable taxes, collected from consumers 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.
- 3.

Contract Period:

The initial Contract Period under this Rider shall be one (1) year. After the initial period, the Consumer 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 for any applicable sales taxes imposed by any governmental authority.

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

NCUC Docket No. E-100, Sub 90



**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**

**ENERGY EFFICIENCY RIDER  
RIDER EE-2017/2018**

**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 has 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 trued-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:

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

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 for the period May 1, 2017 through April 30, 2018, including revenue-related taxes and utility assessments is as follows:

	<u>Residential</u>	<u>Commercial/Industrial</u>
All kWhs sold	0.0000¢ per kWh	0.0000¢ per kWh

OPT OUT PROVISION FOR QUALIFYING COMMERCIAL/INDUSTRIAL 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.

Effective for bills rendered on or after May 1, 2017.

**PIEDMONT ELECTRIC MEMBERSHIP CORPORATION**  
**RENEWABLE ENERGY PORTFOLIO STANDARD RIDER**  
**RIDER REPS-2017/18**

**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 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>Total Monthly Rate</u>
Residential (Applicable to accounts 440, 440.1 and 440.2)	\$ 0.53
Commercial (Applicable to accounts 441, 442.1, 444, and 445)	\$ 2.34
Industrial (Applicable to account 442.2)	\$ 15.62

**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.

Effective for bills rendered on or after May 1, 2017.