

# ELECTRIC RATES

Effective 7/10/2019

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- **Standard - Residential** (RES D1)
- **Interruptible (Dual Meter): Single – Phase** ( INT1&INT2)
- **ComfortPlus Rider– Residential** (RESCP)
- **Heat Shift Rider – Residential** (RSHS1, RSHS2)
- **Interruptible (Single Meter): Single – Phase** (INT3)
- **Electric Space Heating Rider** (SPHB7)
- **Small Commercial – Single - Phase** (COM 11 & PAY 14)
- **Large Power** (COMM2, COM12, PAY 15,  
COM50 & COM52)
- **Time of Use: Three-Phase** (TOU 27)
- **Over 1,000 KVA Rate** (KVA CP)
- **Growth Zone Pricing:** (GZP)
- **Net Metering for Alternate Energy System** (AES)
- **Private Outdoor Lighting**

**STANDARD SERVICE - RESIDENTIAL**

**AVAILABILITY**

This rate applies to residential and farm single-phase service requiring a 50 KVA or less transformer. This rate is not available to service for single-phase motors in excess of 10 HP or an electrical device with a potential load in excess of 20 kW unless such motor or device was installed prior to May 25, 1988.

Service to tankless or instant water heaters is prohibited under this rate.  
All services are subject to the established rules and regulations.

**MONTHLY RATE**

Generation:	\$ .04937 per kWh
Transmission:	\$ .01105 per kWh
Distribution:	\$ .04062 per kWh \$ 30.00 Cost of Service

**MINIMUM MONTHLY CHARGE**

Minimum monthly charge shall be \$30.00.

**TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A service charge will be added to any unpaid amount after the due date. That charge shall be one and one half percent (1½ %) of the unpaid balance or \$1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

**GENERATION COST ADJUSTMENT**

The charge(s) for generation service shall be increased or decreased in accordance with the Cooperative's Generation Cost Adjustment Clause, Schedule "GCA".

- Continued -

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**STANDARD SERVICE – RESIDENTIAL**

**OTHER PRICING OPTIONS**

Consumers billed under this rate are eligible to consider the following alternatives:

- Interruptible (Dual Meter) – offers significant incentive, which recognizes peak power supply cost savings.
- Electric Space Heating Rider – reduced pricing for interruptible heating.
- Interruptible (Single Meter) – reduced pricing for those consumers using thermal storage devices.

**TEMPORARY DISCONNECTION**

If a member requests a disconnection and reconnection of service at the same locations within a 12-month period, that consumer shall be required to pay a charge equal to the rate minimum for each intervening month(s), plus a reconnection fee as specified by the established rules and regulations.

**EFFECTIVE**

Commencing with issuance of bills on/about January 1, 2019.

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**INTERRUPTIBLE (DUAL METER): SINGLE PHASE**

**AVAILABILITY**

This rate applies to single-phase service requiring a 50 KVA or less transformer that is also a full-time residential service on the Residential (RES D1) rate schedule, subject to the established rules and regulations, where electricity is the primary source of heating/cooling and an electric water heater approved by the Cooperative is used for domestic water heating. This rate is not available to service for single-phase motors in excess of 10 HP or tankless or instant water heaters.

**MONTHLY RATE**

Generation:	\$.04937 per kWh Standard \$.02894 per kWh Interruptible
Transmission:	\$.01105 per kWh Standard \$.00170 per kWh Interruptible
Distribution:	\$.04062 per kWh Standard \$.03440 per kWh Interruptible \$ 41.00 Cost of Service

**MINIMUM MONTHLY CHARGE**

Minimum monthly charge shall be \$41.00.

**TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A service charge will be added to any unpaid amount after the due date. That charge shall be one and one half percent (1½%) of the unpaid balance or \$1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

**GENERATION COST ADJUSTMENT**

The charge(s) for generation service shall be increased or decreased in accordance with the Cooperative's Generation Cost Adjustment Clause, Schedule "GCA".

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For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**INTERRUPTIBLE (DUAL METER): SINGLE PHASE**

**DEFINITIONS AND PROVISIONS**

1. Interruptible – shall refer to the service that is interruptible by the Cooperative-via the Load Management System.
2. Standard – shall refer to the service that is not interruptible by the Cooperative.
3. The Cooperative may interrupt at any time but will normally interrupt during peak loading periods via the load management system. This will be signaled to the consumer by a Demand Response Unit (DRU) and electrical consumption so metered.
4. Temporary Disconnection - if a member requests a disconnection and reconnection of service at the same location within a 12-month period, that consumer shall be required to pay a charge equal to the rate minimum for each intervening month(s), plus a reconnection fee as specified by the established rules and regulations.

**EFFECTIVE**

Commencing with issuance of bills on/about January 1, 2019.

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**COMFORT PLUS RIDER - RESIDENTIAL**

**AVAILABILITY**

Available to any full-time residential member taking service through one meter on the Single-Phase Service – Residential (RES1) rate schedule, subject to the established rules and regulations, where electricity is the primary source of heating/cooling and an electric water heater approved by the Cooperative is used for domestic water heating.

**RATE AMENDMENT**

The unbundled generation, transmission, and distribution charges shall be the same as the Single-Phase Residential (RES1) except that:

<u>Winter (October through May)</u>		<u>Summer (June through September)</u>	
First 1,000 kWh	\$.10104	First 1,000 kWh	\$.10104
Next 3,000 kWh	\$.07104	Next 400 kWh	\$.07104
Balance of kWh	\$.10104	Balance of kWh	\$.10104

**CONDITIONS AND PROVISIONS OF SERVICE**

1. Electric space and water heating system must be verified by the Cooperative. Periodic checks of the installed facilities will be made by Cooperative representatives to verify continuing compliance with the Cooperative’s requirements.
2. The Cooperative may interrupt at any time but will normally interrupt during peak loading periods via the load management system. This will be signaled to the consumer by a Demand Response Unit (DRU) and electrical consumption so metered.
3. A Demand Response Unit (DRU) shall be mounted on the heating system and on the water heater.
4. Electrical load to be affected under this rate shall be isolated by the member so as to facilitate DRU operation. Such wiring accommodation is the member’s responsibility and must meet National Electrical Code requirements.
5. To qualify for the Summer Rate, member must have an Air Source Heat Pump installed that is cycled to meet Cooperative requirements.
6. Eligibility is determined on an individual request basis.
7. Application of this Rider does not transfer automatically to successive owners.
8. Temporary Disconnection – if a member requests a disconnection and reconnection of service at the same location within a 12-month period, that consumer shall be required to pay a charge equal to the rate minimum for each intervening month(s), plus a reconnection fee as specified by the established rules and regulations.

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**COMFORT PLUS RIDER - RESIDENTIAL**

9. Multiple Dwellings – Service to more than one dwelling unit served through a single meter shall not be billed on this Rate.
10. Winter Rates shall be applicable from the first billing cycle in October to the last billing cycle in May. The Summer Rates shall apply in all other billing periods.

**MINIMUM MONTHLY CHARGE**

Minimum monthly charge shall be \$30.00.

**TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A service charge will be added to any unpaid amount after the due date. That charge shall be one and one half percent (1½%) of the unpaid balance or \$1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

**GENERATION COST ADJUSTMENT**

The charge(s) for generation service shall be increased or decreased in accordance with the Cooperative's Generation Cost Adjustment Clause, Schedule "GCA".

**EFFECTIVE**

Commencing with issuance of bills on/about January 1, 2019.

For more information, call Northwestern Rural Electric Co-operative Association  
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**HEAT SHIFT RIDER - RESIDENTIAL**

**AVAILABILITY**

Available to any full-time residential member taking service through one meter on the Single-Phase Service – Residential (RES D1) rate schedule, subject to the established rules and regulations, where electricity is the primary source of heating and an electric water heater approved by the Cooperative is used for domestic water heating. This rate does not include any discount for air-conditioning. Heat discount blocks will be determined based on the size of the interruptible heat load in the home. Interruptible heat load less than 20kW will receive Level 1 Discounts and controlled heat load 20 kW to 40 kW will receive Level 2 Discounts.

**RATE AMENDMENT**

The unbundled generation, transmission, and distribution charges shall be the same as the Single-Phase Residential (RES D1) except that:

Level 1 Discounts (Billing Periods) for interruptible heat less than 20 kW:

<u>Shoulder Months (Nov, Dec, April &amp; May)</u>		<u>Winter Months (Jan, Feb, March)</u>	
First 1,000 kWh	\$.10104	First 1,000 kWh	\$.10104
Next 2,000 kWh	\$.06604	Next 3,500 kWh	\$.06604
Balance of kWh	\$.10104	Balance of kWh	\$.10104

Level 2 Discounts (Billing Periods) for interruptible heat 20 kW to 40 kW:

<u>Shoulder Months (Nov, Dec, April &amp; May)</u>		<u>Winter Months (Jan, Feb, March)</u>	
First 1,000 kWh	\$.10104	First 1,000 kWh	\$.10104
Next 3,500 kWh	\$.06604	Next 5,250 kWh	\$.06604
Balance of kWh	\$.10104	Balance of kWh	\$.10104

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For more information, call Northwestern Rural Electric Co-operative Association Toll-free at 1-800-352-0014.
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**HEAT SHIFT RIDER - RESIDENTIAL**

**CONDITIONS AND PROVISIONS OF SERVICE**

1. Interruptible electric heating and water heating system must be verified by the Cooperative. Periodic checks of the installed facilities will be made by Cooperative representatives to verify continuing compliance with the Cooperative's requirements.
2. The Cooperative may interrupt at any time but will normally interrupt during peak loading periods via the load management systems. This will be signaled to the consumer by a Demand Response Unit (DRU) and electrical consumption so metered.
3. A DRU shall be connected to the heating system and the water heater.
4. Electrical load to be affected under this rate shall be isolated by the member so as to facilitate DRU operation. Such wiring accommodation is the member's responsibility and must meet National Electrical Code requirements.
5. Should it be determined that the member is no longer using electric as the primary heating source or that the DRU has been disconnected, member will be notified appropriately and removed from this discount rider.
6. Eligibility is determined on an individual request basis.
7. Application of this Rider does not transfer automatically to successive owners.
8. Temporary Disconnection – If a member requests a disconnection and reconnection of service at the same location within a 12-month period, that consumer shall be required to pay a charge equal to the rate minimum for each intervening month(s) plus a reconnection fee as specified by the established rules and regulations.
9. Multiple Dwellings – Service to more than one dwelling unit served through a single meter shall not be billed on this Rate.
10. Shoulder Month Rates shall be applicable from the first billing cycle to the last billing cycle in November, December, April and May. The Winter Rates shall be applicable from the first billing cycle to the last billing cycle in January, February, and March. The Standard Residential Rate shall apply in other months.

**MINIMUM MONTHLY CHARGE**

Minimum monthly charge shall be \$30.00.

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**HEAT SHIFT RIDER – RESIDENTIAL**

**TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A service charge will be added to any unpaid amount after the due date. That charge shall be one and one half percent (1½%) of the unpaid balance or \$1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

**GENERATION COST ADJUSTMENT**

The charge(s) for generation service shall be increased or decreased in accordance with the Cooperative's Generation Cost Adjustment Clause, Schedule "GCA".

**EFFECTIVE**

Commencing with issuance of bills on/about January 1, 2019.

For more information, call Northwestern Rural Electric Co-operative Association  
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**INT3 - INTERRUPTIBLE (SINGLE METER): SINGLE - PHASE**

**AVAILABILITY**

All Single-Phase (RES D 1) consumers utilizing electricity for space heating.

**MONTHLY RATE**

Generation:	\$.02894 per kWh
Transmission:	\$.00170 per kWh
Distribution:	\$.03440 per kWh
	\$11.00 Cost of Service

**MINIMUM MONTHLY CHARGE**

Minimum monthly charge shall be \$11.00.

**TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A service charge will be added to any unpaid amount after the due date. That charge shall be one and one half percent of the unpaid balance or \$1.00, whichever is greater.
3. Unpaid amounts will be collected in accordance with established rules and regulations.

**GENERATION COST ADJUSTMENT**

The charge(s) for generation service shall be increased or decreased in accordance with the Cooperative's Generation Cost Adjustment Clause, Schedule "GCA".

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For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**INT3 - INTERRUPTIBLE (SINGLE METER): SINGLE - PHASE**

**CONDITIONS OF SERVICE AND PROVISIONS**

1. Electric heating installation must be verified by the Cooperative.
2. Electric energy shall be interrupted during peak loading periods upon activation of a Demand Response Unit (DRU) by the Cooperative.
3. Meter and DRU shall be mounted on the exterior of the structure being served.
4. Electrical load to be affected under this rate shall be isolated by the member so as to facilitate DRU operation and metering. Such wiring accommodation is the member's responsibility and must meet National Electrical Code requirements.

**SERVICE INTERRUPTION**

Electrical service may be interrupted periodically to accommodate the Cooperative's load management system operation during periods of coincident peak control.

**EFFECTIVE**

Commencing with issuance of bills on/about January 1, 2019.

For more information, call Northwestern Rural Electric Co-operative Association  
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**ELECTRIC SPACE HEATING RIDER**

**AVAILABILITY**

Applicable to those consumers receiving service under the Single-Phase Service (RES D 1) utilizing electricity as the primary source of space heating.

**RATE AMENDMENT**

All charges and conditions of service set by the Single-Phase Service (RES D 1) except that:

Generation:	Usage over 2,000 kWh per month at \$.02894 per kWh
Transmission:	Usage over 2,000 kW per month at \$.00170 per kWh
Distribution:	Usage over 2,000 kWh per month at \$.03440 per kWh
Cost of Service:	\$30.00

**CONDITIONS OF SERVICE**

1. Electric heating installation must be verified by the Cooperative.
2. Electric energy shall be interrupted during peak loading periods upon activation of a Demand Response Unit (DRU) by the Cooperative.
3. Meter and DRU shall be mounted on the exterior of the structure being served.
4. Electrical load to be affected under this rate shall be isolated by the member so as to facilitate DRU operation and metering. Such wiring accommodation is the member's responsibility and must meet National Electrical Code requirements.

**MINIMUM MONTHLY CHARGE**

Minimum monthly charge shall be \$30.00.

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For more information, call Northwestern Rural Electric Co-operative Association  
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**ELECTRIC SPACE HEATING RIDER**

**TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A service charge will be added to any unpaid amount after the due date. That charge shall be one and one half percent of the unpaid balance or \$1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

**GENERATION COST ADJUSTMENT**

The charge(s) for generation service shall be increased or decreased in accordance with the Cooperative's Generation Cost Adjustment Clause, Schedule "GCA".

**TEMPORARY DISCONNECTION**

If a member requests a disconnection and reconnection of service at the same locations within a 12-month period, that consumer shall be required to pay a charge equal to the rate minimum for each intervening month(s), plus a reconnection fee as specified by the established rules and regulations.

**EFFECTIVE**

Commencing with issuance of bills on/about January 1, 2019.

For more information, call Northwestern Rural Electric Co-operative Association  
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**SMALL COMMERCIAL: SINGLE - PHASE**

**AVAILABILITY**

This rate applies to single-phase commercial service requiring a 50 KVA or less transformer. This rate is not available to service for single-phase motors in excess of 10 HP or an electrical device with a potential load in excess of 20 kW unless such motor or device was installed prior to May 25, 1988.

Service to tankless or instant water heaters is prohibited under this rate.  
All services are subject to the established rules and regulations.

**MONTHLY RATE**

Generation:	\$ .04966 per kWh
Transmission:	\$ .01190 per kWh
Distribution:	\$ .04242 per kWh
	\$ 30.00 Cost of Service

**MINIMUM MONTHLY CHARGE**

Minimum monthly charge shall be \$30.00.

**TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A service charge will be added to any unpaid amount after the due date. That charge shall be one and one half percent of the unpaid balance or \$1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

**GENERATION COST ADJUSTMENT**

The charge(s) for generation service shall be increased or decreased in accordance with the Cooperative's Generation Cost Adjustment Clause, Schedule "GCA".

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For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**SMALL COMMERCIAL: SINGLE - PHASE**

**OTHER PRICING OPTIONS**

Consumers billed under this rate are eligible to consider the following alternatives:

- Interruptible (Dual Meter) – offers significant incentive, which recognizes peak power supply cost savings.

**TEMPORARY DISCONNECTION**

If a member requests a disconnection and reconnection of service at the same locations within a 12-month period, that consumer shall be required to pay a charge equal to the rate minimum for each intervening month(s), plus a reconnection fee as specified by the established rules and regulations.

**EFFECTIVE**

Commencing with issuance of bills on/about January 1, 2019.

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**LARGE POWER**

**AVAILABILITY**

Any single phase service with transformer capacity greater than 50 KVA and all three phase services up to 1,000 kVA; upon election by any small commercial or public authority consumer for a minimum of 12 consecutive months; subject to the established rules and regulations.

**MONTHLY RATE**

Generation:           \$.03388 per kWh  
                              \$ 7.05 per kW

Transmission:       \$.01295 per kWh

Distribution:         \$ 74.50 Cost of Service

1<sup>st</sup> 200 kWh per kW                               @     \$.00510 per kWh  
Next 200 kWh per kW                             @     \$.00440 per kWh  
Over 400 kWh per kW                            @     \$.00300 per kWh

\$ 3.38 per kW first 5 kW  
\$ 5.98 per kW next 495 kW  
\$ 3.48 per kW over 500 kW

Excess Facilities:    1.32% per dollar of investment in Excess Facilities which are dedicated to serve the load.

**OPTIONAL CP GENERATION PRICING**

The consumer may as an option elect to receive generation service based upon the following prices:

\$.027760           per kWh  
\$ 4.65             per kW of Generation 5 CP Demand  
\$ 10.72            per kW of Generation 12 CP Demand  
\$ 3.00             per kW of Excess Demand  
\$ 5.95             per kW of Transmission CP Demand

To receive this option, the consumer shall be charged for the excess cost of special metering based upon the additional cost of said metering times the Cooperative's then effective fixed charge rate, or at the Cooperative's option, the CP Cost of Service Charge shall apply.

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For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

### **LARGE POWER**

For the billing months of January through the following December, the Generation 5 CP Billing Demand shall be the arithmetic average of the consumer's 60-minute demands measured during the same five hours from the previous June 1 through September 30 that are used by Allegheny Electric Cooperative to establish the Cooperative's wholesale billing demands. The Generation NCP Demand shall be the maximum demand established by the consumer for any fifteen (15) minute period during the current month.

The Transmission CP Demand and the Generation 12 CP Demand in each month shall be the consumer's 60-minute demand coincident with the Transmission billing peak as determined pursuant to Allegheny Electric Cooperative's wholesale rate. The consumer's Excess Demand in each month shall be equal to the Generation NCP Demand less the Generation 12 CP Demand.

### **MINIMUM MONTHLY CHARGE**

The minimum monthly charge shall be the highest one of the following charges:

1. The minimum monthly charge specified in contract for service.
2. A charge of \$74.50, plus the kilowatt demand charge equal to half the highest demand during the preceding 11 months, including metered kWh usage.
3. \$74.50

### **TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A service charge will be added to any unpaid amount after the due date. That charge shall be one and one half percent (1½%) of the unpaid balance, or \$1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

### **GENERATION COST ADJUSTMENT**

The charge(s) for generation service shall be increased or decreased in accordance with the Cooperative's Generation Cost Adjustment Clause, Schedule "GCA".

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For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**LARGE POWER**

**EFFECTIVE**

Commencing with issuance of bills on/about January 1, 2019.

– Continued –

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**LARGE POWER**  
**SPECIAL PROVISIONS**

**DETERMINATION OF DISTRIBUTION BILLING DEMAND**

The distribution billing demand shall be the greater of: a) the maximum kilowatt demand established by the consumer for any fifteen (15) minute period during the current month or b) fifty percent (50%) of the highest such demand established during the preceding eleven (11) months.

**DETERMINATION OF CP OPTION BILLING DEMAND**

Generation 5 CP: For the billing months of January through the following December, the Generation 5 CP Billing Demand shall be the arithmetic average of the consumer's 60-minute demands measured during the same five hours from the previous June 1 through September 30 that are used by Allegheny Electric Cooperative to establish the Cooperative's wholesale billing demands.

**The Generation NCP Demand: The Generation NCP Demand shall be the maximum demand established by the consumer for any fifteen (15) minute period during the current month.**

Transmission CP and Generation 12 CP: The Transmission CP Demand and Generation 12 CP Demand in each month shall be the consumer's 60-minute demand coincident with the Transmission billing peak as determined pursuant to Allegheny Electric Cooperative's wholesale rate.

Excess Demand: The consumer's Excess Demand in each month shall be equal to the Generation NCP Demand less the Generation 12 CP Demand.

**TEMPORARY SERVICE**

Temporary service shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charge, the total cost of connecting and disconnecting service less the value of materials returned to stock. A deposit, in advance, may be required for the full amount of the estimated bill for service.

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For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**LARGE POWER**  
**SPECIAL PROVISIONS**

**LIGHTING**

Kilowatt and kilowatt-hour reading(s) of separately metered lighting and circuit(s) shall be added together to obtain the total usage for billing purposes under this rate.

**SERVICE METERED AT PRIMARY VOLTAGE**

Where service is metered at the primary distribution voltage, the demand and energy for billing purposes shall be discounted two percent (2%).

**DELIVERY POINT**

Secondary and/or primary metering will have a set delivery point through switching and/or protective devices.

**TEMPORARY DISCONNECTION**

If a member requests a disconnection and reconnection of service at the same locations within a 12-month period, that consumer shall be required to pay a charge equal to the rate minimum for each intervening month(s), plus a reconnection fee as specified by the established rules and regulations.

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**TIME OF USE: THREE – PHASE**

**AVAILABILITY**

Available only to those customers taking service hereunder as of November 1, 2003.

**MONTHLY RATE**

Generation:	\$ .027760 per kWh \$ 4.65 per kW of Generation 5 CP Demand \$ 10.72 per kW of Generation 12 CP Demand \$ 3.00 per kW of Excess Demand
Transmission:	\$ 5.95 per kW of Transmission CP Demand
Distribution:	\$ .02166 per kWh \$ 8.75 First 50 kW \$ 4.65 per kW over 50 kW \$115.50 Cost of Service
Excess Facilities:	\$1.32% per dollar of investment in excess facilities which are dedicated to serve the load.

**MINIMUM MONTHLY CHARGE**

The minimum monthly charge for Distribution shall be the higher one of the following:

1. An amount specified in an Electric Sales Agreement
2. \$115.50.

**TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A penalty fee will be added to any unpaid amount after the due date. That charge shall be one and one half percent of the unpaid balance, or \$1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

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For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**TIME OF USE: THREE – PHASE**

**GENERATION COST ADJUSTMENT**

The charge(s) for generation services shall be increased or decreased in accordance with the Cooperative's Generation Cost Adjustment Clause, Schedule "GCA".

**DEFINITIONS AND PROVISIONS**

1. The Cooperative will send a signal to the consumer through a Demand Response Unit (DRU) to alert the consumer of a CP Demand period.
2. Temporary Disconnection – if a member requests disconnection and reconnection of service at the same location with a 12-month period, that consumer shall be required to pay a charge equal to the rate minimum for each intervening month(s), plus a reconnection fee as specified by the established rules and regulations.

**EFFECTIVE**

Commencing with issuance of bills on/about January 1, 2019.

For more information, call Northwestern Rural Electric Co-operative Association  
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**TIME OF USE: THREE – PHASE**  
**SPECIAL PROVISIONS**

**THREE PHASE SERVICE –INTERRUPTIBLE - SPECIAL PROVISIONS**

**DETERMINATION OF BILLING DEMAND**

The Distribution billing demand shall be the maximum kilowatt demand established by the consumer for any fifteen (15) minute period during the current month.

Generation 5 CP: For the billing months of January through the following December, the Generation 5 CP Billing Demand shall be the arithmetic average of the consumer's 60-minute demands measured during the same five hours from the previous June 1 through September 30 that are used by Allegheny Electric Cooperative to establish the Cooperative's wholesale billing demands.

**The Generation NCP Demand: The Generation NCP Demand shall be the maximum demand established by the consumer for any fifteen (15) minute period during the current month**

Transmission CP and Generation 12 CP: The Transmission CP Demand and Generation 12 CP Demand in each month shall be the consumer's 60-minute demand coincident with the Transmission billing peak as determined pursuant to Allegheny Electric Cooperative's wholesale rate.

**TEMPORARY SERVICE**

Temporary service shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charge, the total cost of connecting and disconnecting service less the value of materials returned to stock. A deposit, in advance, may be required for the full amount of the estimated bill for service.

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For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.



**TIME OF USE: THREE – PHASE**  
**SPECIAL PROVISIONS**

**LIGHTING**

Kilowatt and kilowatt-hour reading(s) of separately metered lighting and circuit(s) shall be added together to obtain the total usage for billing purposes under this rate.

**SERVICE METERED AT PRIMARY VOLTAGE**

For service metered at primary distribution voltage, the metered kW and kWh shall be discounted two percent (2%).

**DELIVERY POINT**

Secondary and/or primary metering will have a set delivery point through switching and/or protective devices.

**TEMPORARY DISCONNECTION**

If a member requests a disconnection and reconnection of service at the same locations within a 12-month period, that consumer shall be required to pay a charge equal to the rate minimum for each intervening month(s), plus a reconnection fee as specified by the established rules and regulations.

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**THREE - PHASE OVER 1,000 KVA**

**AVAILABILITY**

Any large power service with transformer capacity greater than 1,000 KVA. Service hereunder shall be subject to the cooperative's established rules and regulations.

**TYPE OF SERVICE**

Three phase, 60 hertz, at standard primary or secondary distribution voltages.

**MONTHLY RATE**

Generation:                                 \$ .02776 per kWh  
  \$ 4.65 per kW of Generation 5 CP Demand  
  \$ 10.72 per kW of Generation 12 CP Demand  
  \$ 3.00 per kW of Excess Demand  
Transmission:                               \$ 5.95 per kW of Transmission CP Demand

Distribution  
Delivered at Primary:                    Cost of Service                                 \$115.50  
  1<sup>st</sup> 200 kWh per kW                             @     \$.00510 per kWh  
  Next 200 kWh per kW                           @     \$.00440 per kWh  
  Over 400 kWh per kW                          @     \$.00300 per kWh  
  First 500 kW                                     @     \$ 5.98 per kW  
  500 kW to 1000 KW                            @     \$ 3.48 per kW  
  Over 1000 kW                                    @     \$ 2.08 per kW

Local Facilities:                            1.32% per dollar of investment in Local Facilities which are dedicated to serve the load.

**MINIMUM MONTHLY DISTRIBUTION CHARGE**

The minimum monthly distribution charge shall be the highest one of the following charges:

1. The minimum monthly charge specified in contract for service.
2. A charge of \$115.50, plus the local facilities charge, plus the kilowatt demand charge equal to half the highest demand during the preceding 11 months, including metered kWh usage.
3. \$115.50, plus the local facilities charge.

– Continued –

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**THREE - PHASE OVER 1,000 KVA**

**GENERATION COST ADJUSTMENT**

The charge(s) for generation service shall be increased or decreased in accordance with the Cooperative's Generation Cost Adjustment Clause, Schedule "GCA".

**DETERMINATION OF DISTRIBUTION BILLING DEMAND**

The distribution billing demand shall be the greater of: a) the maximum kilowatt demand established by the consumer for any sixty (60) minute period during the current month or b) fifty percent (50%) of the highest such demand established during the preceding eleven (11) months.

**DETERMINATION OF GENERATION AND TRANSMISSION BILLING DEMANDS**

Generation 5 CP: For the billing months of January through the following December, the Generation 5 CP Billing Demand shall be the arithmetic average of the consumer's 60-minute demands measured during the same five hours from the previous June 1 through September 30 that are used by Allegheny Electric Cooperative to establish the Cooperative's wholesale billing demands.

**The Generation NCP Demand: The Generation NCP Demand shall be the maximum demand established by the consumer for any fifteen (15) minute period during the current month**

Transmission CP and Generation 12 CP: The Transmission CP Demand and Generation 12 CP Demand in each month shall be the consumer's 60-minute demand coincident with the Transmission billing peak as determined pursuant to Allegheny Electric Cooperative's wholesale rate.

Excess Demand: The consumer's Excess Demand in each month shall be equal to the Generation NCP Demand less the Generation 12 CP Demand.

**TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A service charge will be added to any unpaid amount after the due date. That charge shall be one and one half percent of the unpaid balance, or \$1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

– Continued –

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**THREE - PHASE OVER 1,000 KVA**

**EFFECTIVE**

Commencing with issuance of bills on/about January 1, 2019.

– Continued –

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**THREE PHASE OVER 1,000 kVA**  
**SPECIAL PROVISIONS**

**TEMPORARY SERVICE**

Temporary service shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charge, the total cost of connecting and disconnecting service less the value of materials returned to stock. A deposit, in advance, may be required for the full amount of the estimated bill for service.

**METERING AT PRIMARY VOLTAGE**

Where service is metered at the primary distribution voltage, the demand and energy for billing purposes shall be discounted two percent (2%).

**LOCAL FACILITIES AND DELIVERY POINT**

Option to buy local facilities in lieu of the facilities charge will be evaluated on a case-by-case basis and will have a set delivery point through switching and/or protective devices.

**LIGHTING**

Kilowatt and kilowatt-hour reading(s) of separately metered lighting and circuit(s) shall be added together to obtain the total usage for billing purposes under this rate.

**TEMPORARY DISCONNECTION**

If a member requests a disconnection and reconnection of service at the same locations within a 12-month period, that consumer shall be required to pay a charge equal to the rate minimum for each intervening month(s), plus a reconnection fee as specified by the established rules and regulations.

**POWER FACTOR**

Power Factor must be maintained at 95% to avoid penalties. Penalties will be calculated on a case-by-case basis.

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**GENERATION AND TRANSMISSION COST ADJUSTMENT**

**SCHEDULE GCA**

The Generation and Transmission prices reflected in each of the Cooperative's rate schedules are based upon the Cooperative's estimated cost of purchasing power from Allegheny Electric Cooperative for resale to each consumer class. Should the Cooperative determine at any time that its average cost for Generation service, Transmission service, or both are or will become more or less than estimated for any rate class, the Cooperative may apply a price adjustment to any Generation or Transmission rate to compensate for the difference. Otherwise, the GCA shall be zero.

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**SCHEDULE GZP – GROWTH ZONE PRICING SERVICE**

**AVAILABILITY**

Available in all territory served by the Cooperative subject to the established service rule and regulations of the cooperative.

**APPLICABILITY**

This rate is applicable to commercial or industrial customers for three phase electric service to new or expanded load of at least 2,000 kW located in a Cooperative designated Growth Zone. A Growth Zone is any commercial/industrial area, including an industrial park, designated by the Cooperative as an area conducive to and essential for economic expansion within the Cooperative’s service territory.

**TYPE OF SERVICE**

Three Phase, 60 hertz, at available voltages.

**MONTHLY RATE**

Generation:	\$0.02776 per kWh		
	\$4.65 per kW of Generation 5 CP Billing Demand		
	\$10.72 per kW of Generation 12 CP Billing Demand		
	\$3.00 per kW of Excess Demand		
Transmission:	\$5.95 per kW of Transmission CP Demand		
Distribution:	\$130.00 Cost of Service		
	First 200 kWh per kW of Billing Demand	@	\$ .006 per kWh
	Next 200 kWh per kW of Billing Demand	@	\$ .002 per kWh
	Over 400 kWh per kW of Billing Demand	@	\$ .001 per kWh
	First 500 kW of Billing Demand	@	\$1.50 per kW
	Over 500 kW of Billing Demand	@	\$1.00 per kW

– Continued –

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**SCHEDULE GZP – GROWTH ZONE PRICING SERVICE**

Direct Facilities: 1.32% per dollar of investment in Direct Facilities. Direct Facilities are those facilities, including assigned portions of joint use facilities, which are dedicated to serve the customer. The customer may elect, or the Cooperative may require, a contribution in aid of construction up to the total installed cost of Direct Facilities in which case the rate for Direct Facilities shall be 0.701% per dollar of investment.

Allocated Growth Zone Facilities: 1.32% per dollar of investment in an allocated portion of the Common Facilities that directly serve the Designated Growth Zone. Each GZP consumer’s allocated portion of Designated Growth Zone Common Facilities shall be based on factors including, but not limited to: the cost and design capacity of the facilities; the customer’s actual and anticipated load; total current and projected Growth Zone load; contractual terms of service; and the type and character of service requested by the customer.

**MINIMUM MONTHLY DISTRIBUTION CHARGE**

The minimum monthly distribution charge shall be as specified in the contract for service.

**DETERMINATION OF DISTRIBUTION BILLING DEMAND**

The distribution billing demand shall be the greater of: a) the maximum kilowatt demand established by the consumer for any sixty (60) minute period during the current month or b) fifty percent (50%) of the highest such demand established during the preceding eleven (11) months.

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For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.



**SCHEDULE GZP – GROWTH ZONE PRICING SERVICE**

**DETERMINATION OF GENERATION AND TRANSMISSION BILLING DEMANDS**

Generation 5 CP: For the billing months of January through the following December, the Generation 5 CP Billing Demand shall be the arithmetic average of the consumer's 60-minute demands measured during the same five hours from the previous June 1 through September 30 that are used by Allegheny Electric Cooperative to establish the Cooperative's wholesale billing demands.

**The Generation NCP Demand: The Generation NCP Demand shall be the maximum demand established by the consumer for any fifteen (15) minute period during the current month**

Transmission CP and Generation 12 CP: The Transmission CP Demand and Generation 12 CP Demand in each month shall be the consumer's 60-minute demand coincident with the Transmission billing peak as determined pursuant to Allegheny Electric Cooperative's wholesale rate.

Excess Demand: The consumer's Excess Demand in each month shall be equal to the Generation NCP Demand less the Generation 12 CP Demand.

**GENERATION COST ADJUSTMENT**

The charge(s) for generation service shall be increased or decreased in accordance with the Cooperative's Generation Cost Adjustment Clause, Schedule "GCA".

**TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A service charge will be added to any unpaid amount after the due date. That charge shall be one and one half percent of the unpaid balance, or \$1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

**EFFECTIVE**

Commencing with issuance of bills on/about January 1, 2019.

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**NET METERING FOR ALTERNATIVE ENERGY SYSTEM**

**AVAILABILITY**

Available in all territories served by the Cooperative. Subject to the established rules and regulations of the Cooperative, the aggregate capacity of members' alternative energy systems (AES) may be limited by the Cooperative's system, substation area and/or circuit.

**APPLICABILITY**

Applicable to all members of the Cooperative. The member's AES must: (1) be owned, operated, leased, or otherwise controlled by the member; (2) be operated in parallel with the Cooperative's distribution system; (3) have a nameplate capacity no greater than 500 kilowatts (kW) for all other rate classes; and (4) be primarily intended to offset part or all of a member's electric generation requirements.

Member AESs that qualify under this service rate are: solar photovoltaic or other solar energy, solar thermal energy, wind power, hydropower, biomass, and bio-digester gas and fuel cells as defined in Pa. Act 213 (Alternative Energy Portfolio Standards Act of 2004).

The member's AESs must meet or exceed the standards and requirements of the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers, Underwriters Laboratories, and Pennsylvania Public Utility Commission, as well as the Cooperative's Policy on Alternative Energy Production; Safety and Interconnection Requirements for Alternative Energy Production; and local requirements.

The member must have executed a Power Purchase Contract with Allegheny Electric Cooperative (Allegheny) to sell excess energy produced by the member's AES to Allegheny.

**TYPE OF SERVICE**

60 cycles, at available secondary voltage.

Service under this rate schedule requires metering equipment that can measure the flow of electricity in both directions.

– Continued –

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

## **NET METERING FOR ALTERNATIVE ENERGY SYSTEM**

### **COOPERATIVE MONTHLY BILLING**

The Cooperative bills the member on a monthly basis according to the applicable rate schedule. The Cooperative shall credit an AES at the full retail rate for each kilowatt-hour produced by an AES installed on the member's side of the electric revenue meter, up to a total amount of electricity used by the member during the billing period. For AESs involved in virtual meter aggregation, a credit shall be applied first to the meter through which the Cooperative supplies electricity to the distribution system, then through the remaining meters within two miles of the property on which the generator is located for the AESs account

equally at each meter's designated rate. Unless otherwise specified by contract, at the end of each annual calendar year period, Allegheny shall compensate the AES for kilowatt-hours generated by the AES over the amount of kilowatt-hours delivered by the Cooperative during the annual period at Allegheny's avoided cost of wholesale power.

### **METER AGGREGATION**

The combination of readings from, and billing for, all meters regardless of rate class on properties owned or leased and operated by a member operating an AES within the Cooperative's service territory whether the aggregation is completed through physical or virtual meter aggregation within two miles of the AES's property.

### **TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A service charge will be added to any unpaid amount after the due date. That charge shall be one and one-half percent of the unpaid balance or \$1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

### **EFFECTIVE**

Commencing with issuance of bills on/about April 1, 2017.

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.

**PRIVATE OUTDOOR LIGHTING SERVICE**

		<b>RATE</b>	
<b><u>Type of Lamp</u></b>	<b><u>Size</u></b>	<b><u>Unmetered Usage</u></b>	<b><u>Metered Usage</u></b>
LED (Light Emitting Diode)	48-50 Watts	\$11.31	\$8.48
LED (Light Emitting Diode)	73 Watts	\$18.34	\$13.80
*High Pressure Sodium	100 Watts	\$11.31	\$8.48
*High Pressure Sodium	250 Watts	\$18.34	\$13.80
Mercury Vapor	175 Watts	\$12.48	\$8.58
Mercury Vapor	400 Watts	\$21.22	\$16.24

Installation includes automatically operated lighting fixture mounted on a 2' arm, attached to existing Cooperative-owned poles.

**TERM**

The term of service shall be a minimum of one year and thereafter until termination is requested by the member.

**TERMS OF PAYMENT**

1. Bills will be issued monthly. The actual billing date will depend upon the applicable bill cycle. Full payment should be received in the Cooperative office by the date shown on the billing statement.
2. A penalty fee will be added to any unpaid amount after the due date. That charge shall be one and one half percent (1½%) of the unpaid balance, or \$ 1.00, whichever is greater.
3. Collection of unpaid amounts will be made in accordance with established rules and regulations.

– Continued –

For more information, call Northwestern Rural Electric Co-operative Association  
 Toll-free at 1-800-352-0014.

**PRIVATE OUTDOOR LIGHTING SERVICE**

**SPECIAL PROVISIONS**

1. When one or more pole(s) is/are required, each pole will be installed at the member's expense.
2. Underground wiring will be installed at the member's expense.
3. Repairs and lamp replacement will be performed during regular working hours only, and as soon as practicable after receiving notice of failure.
4. A charge of \$160.00 will be made for relocation of each light with a pole involved. A charge of \$60.00 will be made for relocation of each light from an existing pole to an existing pole.

**\* Only LED will be installed on all new connections and shall replace existing High Pressure Sodium and Mercury Vapor fixtures.**

**EFFECTIVE**

Commencing with issuance of bills on/about April 1, 2017.

For more information, call Northwestern Rural Electric Co-operative Association  
Toll-free at 1-800-352-0014.