

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of:

AN ADJUSTMENT OF ELECTRIC RATES OF )  
UNION LIGHT, HEAT AND POWER COMPANY ) CASE NO. 9299

O R D E R

On October 23, 1985, the Union Light, Heat and Power Company ("ULH&P") filed a petition requesting rehearing or reconsideration of certain issues addressed in the Commission's rate Order issued in Case No. 9299 on October 3, 1985. By its Order of November 12, 1985, the Commission granted a rehearing on the issues of the adjustments associated with the Exclusion of the Buffington Substation from rate base and fuel synchronization. The Commission denied rehearing on all other issues requested by ULH&P.

ISSUES ON REHEARING

Buffington Substation

The Commission, in its Order dated October 3, 1985, excluded \$1,099,237 from the rate base because it believed this item was for the construction by Cincinnati Gas and Electric ("CG&E") of a 138 KV transmission line for use by CG&E. From the evidence presented on October 23, 1985, in the ULH&P application for a rehearing, and further evidence and testimony offered in the rehearing on December 18, 1985, it appears that the Commission erred and the amount of \$1,099,237 was in fact funds expended to

install a new 168 MVA transformer in the ULH&P Buffington Substation and will be used solely to improve service to the ULH&P service area. Therefore, the full amount of \$1,099,237 should be restored to the ULH&P rate base.

The restoration of this amount to rate base results in additional revenue requirements of \$226,919 associated with return on equity and \$31,877 associated with additional depreciation expense. Therefore, additional revenues of \$258,796 have been allowed herein to reflect the restoration of the Buffington Substation to rate base.

#### Fuel Synchronization

For the rehearing ULH&P proposed a different methodology for fuel synchronization than the methodology proposed in the original application. ULH&P reduced the requested adjustment for additional revenues to \$425,284 with the rehearing methodology. In their brief filed on December 20, 1985, the Utility and Rate Intervention Division of the Attorney General's Office supported the adjustment of \$425,284 in additional revenues for ULH&P. The Commission is concerned with the total adjustment as proposed by ULH&P and will now address three issues of this adjustment.

ULH&P requested an adjustment of \$18,926 related to company use. This amount and an additional \$55,076 of the request related to the difference between the base rate fuel cost in purchases and recovery revenues. In response to the Commission's question about the inclusion of company use in the operating revenue, Mr. Richard A. Lonneman, a Return Analyst in the Rate and Economic Department, responded "...there isn't a separate billing to someone for

company use, but it's recovered from all customers in the base rate."<sup>1</sup> The company use is built into the rate structure as an expense. The difference between base rate fuel cost in purchases and recovery revenues is mainly the result of the utility's line loss on a monthly basis compared to the 12-month rolling average line loss used to develop the fuel cost rates in the recovery revenues. The Commission is concerned about the possible consistent over- and under-collection of base rate fuel cost in the recovery revenues. The Commission has denied this type of adjustment for electric utilities in the past. Until further information is developed to address the Commission's concerns, it will continue to deny this type of adjustment.

The \$351,282 balance of the requested adjustment relates to the Fuel Adjustment Clause ("FAC") difference in purchases and recovery revenues. The Commission has consistently allowed the FAC fuel synchronization in the non-generating electric distribution utilities who use the fully recovering FAC methodology. Even though ULH&P does not use the fully recovering FAC methodology, the Commission will make an adjustment of \$351,282 in this case. But the Commission is also ordering that in the ongoing FAC hearings in Case No. 9175-B, ULH&P is to change to the fully recovering FAC methodology like all other non-generating electric distribution utilities under the Commission's jurisdiction.

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<sup>1</sup> Transcript of Evidence, December 18, 1985, p. 39, lines 15-17.

SUMMARY

The Commission after consideration of the evidence of record and findings herein, HEREBY ORDERS THAT:

1. The revenue award granted ULH&P in Case No. 9299 is hereby increased by \$610,078.

2. The rates in Appendix A be and they hereby are approved for service rendered by ULH&P on and after the date of this Order.

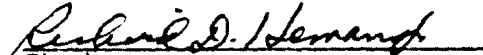
3. ULH&P is to change to a fully recovering FAC methodology like all other non-generating electric distribution utilities under this Commission's jurisdiction. The transition to the new methodology will be developed in Case No. 9175-B, An Examination by the Public Service Commission of the Application of the Fuel Adjustment Clause of Union Light, Heat and Power Company from May 1, 1985, to October 31, 1985.

4. All rates and charges not specifically addressed herein shall remain as established in the Commission's Order of October 3, 1985.

5. Within 30 days from the date of this Order, ULH&P shall file with the Commission its revised tariff sheets setting out the rates approved herein.

Done at Frankfort, Kentucky, this 28th day of January, 1986.

PUBLIC SERVICE COMMISSION

  
Chairman

  
Vice Chairman

  
Commissioner

ATTEST:

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Secretary

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE  
COMMISSION IN CASE NO. 9299 DATED 1/28/86

The following rates and charges are prescribed for the customers in the area served by Union Light, Heat and Power Company. All other rates and charges not specifically mentioned herein shall remain the same as those in effect under authority of this Commission prior to the effective date of this Order.

RATE RS\*  
(RESIDENTIAL SERVICE)

Net Monthly Bill

	<u>Summer</u>	<u>Winter</u>
First 1,000 Kilowatt Hours	5.944¢ Per KWH	5.944¢ Per KWH
All Kilowatt Hours Over 1,000 Kilowatt Hours	5.944¢ Per KWH	4.456¢ Per KWH

RATE DS\*  
(SERVICE AT DISTRIBUTION VOLTAGE)

Net Monthly Bill

Customer Charge Per Month	
Single Phase Service	\$5.00
Single and/or Three Phase Service	\$10.00
Primary Voltage Service (12.5 or 34.5 KV)	\$100.00
Demand Charge	
First 15 Kilowatts	\$0.00 Per KW
Additional Kilowatts	\$6.14 Per KW
Energy Charge	
First 6,000 KWH	6.279¢ Per KWH
Next 300 KWH/KW	3.741¢ Per KWH
Additional KWH	3.160¢ Per KWH

## Terms and Conditions

The initial term of contract shall be for a minimum period of three (3) years for secondary voltage service and five (5) years for primary voltage service terminable thereafter by a minimum notice of either the customer or the Company as follows:

1. For secondary voltage service customers, as prescribed by the Company's service regulations.
2. For primary voltage service customers with a most recent twelve month average demand of less than 10,000 KVA or greater than 10,000 KVA, written notice of thirty (30) days and twelve (12) months respectively, after receipt of the written notice.

For customers receiving service under the provisions of former Rate C, Optional Rate for churches, as of June 25, 1981, the maximum monthly rate per kilowatt-hour shall not exceed 10.147 cents per kilowatt-hour plus the applicable fuel adjustment charge.

RATE DS-TOD\*  
(EXPERIMENTAL TIME-OF-DAY RATE FOR SERVICE AT DISTRIBUTION VOLTAGE)

### Net Monthly Bill

Computed in accordance with the following charges (kilowatt of demand is abbreviated as KW and kilowatt-hours are abbreviated as KWH):

	<u>Summer</u>	<u>Winter</u>
Customer Charge Per Month		
Single Phase Service	\$5.00	\$5.00
Single and/or Three Phase Service	10.00	10.00
Primary Voltage Service (12.5 or 34.5 KV)	100.00	100.00
Demand Charge		
On Peak KW	\$9.00 Per KW	\$7.64 Per KW
Off Peak KW	1.00 Per KW	1.00 Per KW
Energy Charge		
All KWH	3.171¢ Per KWH	3.171¢ Per KWH

### Rating Periods

The rating periods applicable to the demand charge shall be as follows:

a. On Peak Period

Summer - 11 AM to 8 PM, Monday through Friday, excluding holidays.

Winter - 9 AM to 2 PM and 5 PM to 9 PM, Monday through Friday, excluding holidays.

b. Off Peak Period

All hours Monday through Friday not included above, plus all day Saturday and Sunday, as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day and Christmas Day on the day nationally designated to be celebrated as such.

RATE TS\*  
(SERVICE AT TRANSMISSION VOLTAGE)

### Net Monthly Bill

Customer Charge Per Month	\$500.00
Demand Charge All KVA	\$4.21 Per KVA
Energy Charge First 300 KWH/KVA	3.605¢ Per KWH
Additional KWH	3.286¢ Per KWH

### Demand

The demand shall be the kilovolt amperes derived from the Company's demand meter for the fifteen-minute period of the customer's greatest use during the month, but not less than the higher of the following:

- a. 85% of the highest monthly kilovolt amperes similarly established during the summer period for the next succeeding eleven (11) months; or
- b. 1,000 kilovolt amperes.



Terms and Conditions

The initial term of contract shall be for a minimum period of five (5) years terminable thereafter by either the customer or the Company as follows:

1. Thirty (30) days after receipt of written notice for customers with a most recent twelve (12) month average demand of less than 10,000 KVA.
2. Twelve (12) months after receipt of written notice for customers with a most recent twelve (12) months average demand of less than 10,000 KVA.

RATE TS-TOD\*  
(EXPERIMENTAL TIME-OF-DAY RATE FOR SERVICE AT TRANSMISSION VOLTAGE)

Net Monthly Bill

Computed in accordance with the following charges (kilowatt of demand is abbreviated as KW; kilowatt-hours are abbreviated as KWH):

	<u>Summer</u>	<u>Winter</u>
Customer Charge Per Month	\$500.00	\$500.00
Demand Charge		
On Peak KW	\$6.15 Per KW	\$5.22 Per KW
Off Peak KW	\$1.00 Per KW	\$1.00 Per KW
Energy Charge		
All KWH	3.171¢ Per KWH	3.171¢ Per KWH

Rating Periods

The rating periods applicable to the demand charge shall be as follows:

a. On Peak Period

Summer - 11 AM to 8 PM, Monday through Friday, excluding holidays.

Winter - 9 AM to 2 PM and 5 PM to 9 PM, Monday through Friday, excluding holidays.

b. Off Peak Period

All hours Monday through Friday not included above, plus all day Saturday and Sunday, as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day and Christmas Day on the day nationally designated to be celebrated as such.

RATE POL\*  
(PRIVATE OUTDOOR LIGHTING SERVICE)

Applicability

Applicable to service for outdoor lighting on private property with Company owned overhead lighting fixtures where facilities of suitable voltage and adequate capacity are adjacent to the premises to be served. Not applicable to service for lighting of dedicated or undedicated public thoroughfares. This rate is not available to new customers effective September 2, 1982.

Type of Service

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.

Net Monthly Bill

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a span of wire not to exceed 120 feet, will be assessed:

	<u>KW/Fixture</u>	<u>Rate/KWH</u>
7,000 Lumen Mercury, Open Refractor	0.208	9.423¢
7,000 Lumen Mercury, Enclosed Refractor	0.190	12.889¢
10,000 Lumen Mercury, Enclosed Refractor	0.271	10.583¢
21,000 Lumen Mercury Enclosed Refractor	0.425	8.665¢

The following monthly charges, for existing facilities, will be assessed but this fixture will not be offered to any new customer after May 15, 1973:

	<u>KW/Fixture</u>	<u>Rate/KWH</u>
2,500 Lumen Mercury, Open Refractor	0.109	15.755¢
2,500 Lumen Mercury, Enclosed Refractor	0.109	21.540¢

General Conditions

In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed the customer will be billed for the unexpired term of the contract.

If any Company owned lighting unit is required to be relocated, removed or replaced with another unit of the same or lower lamp wattage, the customer ordering this shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost will be submitted for customer approval before work is carried out.

RATE SP\*  
(SEASONAL SPORTS SERVICE)

Net Monthly Bill

Customer Charge Per Month	\$5.00
Energy Charge All Kilowatt Hours	7.724¢ per KWH

RATE EH\*  
(OPTIONAL RATE FOR ELECTRIC SPACE HEATING)

Net Monthly Bill

Energy Charge All Kilowatt Hours	4.709¢ per KWH
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RATE URD\*  
(UNDERGROUND STREET LIGHTING)

Applicability

Applicable to service for outdoor lighting in underground residential distribution areas where facilities of suitable voltage and adequate capacity are adjacent to the premises to be served. This rate is not available to new customers effective September 2, 1982.

Type of Service

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.

Net Monthly Bill

The following monthly charge for each fixture which includes lamp and luminaire, controlled automatically, with an underground service wire not to exceed 35 feet from the service point, will be assessed:

	<u>KW/Fixture</u>	<u>Rate/KWH</u>
7,000 Lumen Mercury, Mounted on a 17-foot Plastic Pole	0.208	15.668¢
7,000 Lumen Mercury, Mounted on a 17-foot Wood Laminated Pole	0.208	15.668¢
7,000 Lumen Mercury, Mounted on a 30-foot Wood Pole	0.208	14.509¢

General Conditions

In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed, the customer will be billed for the unexpired term of the contract.

If any Company owned lighting unit is required to be relocated, removed or replaced with another unit of the same or lower lamp wattage, the customer ordering this shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost will be submitted for customer approval before work is carried out.

RATE FL\*  
(FLOOD LIGHTING)

Applicability

Applicable to service for outdoor lighting on private property with Company owned overhead lighting fixtures where facilities of suitable voltage and adequate capacity are adjacent to the premises to be served. Not applicable to service for lighting of dedicated or undedicated public thoroughfares. This rate is not available to new customers effective September 2, 1982.

Type of Service

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.

Net Monthly Bill

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a span of wire not to exceed 120 feet will be assessed:

	<u>KW/Fixture</u>	<u>Rate/KWH</u>
21,000 Lumen Mercury	0.460	8.109¢
52,000 Lumen Mercury (35-foot wood pole)	1.102	5.833¢

## General Conditions

In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed, the customer will be billed for the unexpired term of the contract.

If any Company owned lighting unit is required to be relocated, removed or replaced with another unit of the same or lower lamp wattage, the customer ordering this shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost will be submitted for customer approval before work is carried out.

RATE NSU\*  
(STREET LIGHTING SERVICE FOR NON-STANDARD UNITS)

## Applicability

Applicable to municipal, county, state and Federal governments, including divisions thereof, for the lighting of public streets and roads with existing Company and Customer owned lighting fixtures. This service is not available for units installed after January 1, 1985.

## Type of Service

All equipment owned by the Company will be maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps maintained by the Company within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

## Net Monthly Bill

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed.

A. Company Owned

	<u>KW/Unit</u>	<u>Rate/KWH</u>	<u>Cable Span Charge</u>
1. Steel Boulevard Units Served Underground			
a. 2,500 Lumen Incandescent Series	.148	13.950¢	
b. 2,500 Lumen Incandescent Multiple	.189	8.650¢	
2. Holophane Decorative Fixture on 17 Foot Fiberglass Pole Served Underground with Direct Buried Cable			
a. 10,000 Lumen Mercury Vapor	.292	12.900¢	.650¢

The cable span charge shall be added to the Rate/KWH charge for each increment of secondary wiring beyond the first 25 feet from the pole base.

B. Customer Owned

1. Lighting System on Bridge Structure with Limited Maintenance, Cleaning and Relamping only by Company			
a. 2,500 Lumen Incandescent Series	.092	8.350¢	
b. 2,500 Lumen Incandescent Multiple	.148	8.350¢	

The charge for energy only will be 2.854 cents per kilowatt-hour.

Fuel Cost Adjustment

All kilowatt-hours shall be subject to an adjustment per KWH determined in accordance with the "Fuel Cost Adjustment" set forth on Sheet No. 80 of this tariff.

### Late Payment Charge

Payment of the net monthly bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the gross monthly bill, which is the net monthly bill plus 5%, is due and payable.

### General Conditions

1. If an installed street lighting unit is required to be relocated, removed or replaced with another unit of the same or less rated lamp wattage, the ordering authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
2. Lamps and refractors, which are maintained by the Company, shall be kept in good operating condition by and at the expense of the Company.

In the case of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

3. When a Company owned street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
4. When a customer owned lighting unit becomes inoperative, the cost of repair or replacement of the unit will be at the customer's expense. The replacement unit shall be an approved Company fixture.
5. Limited maintenance by the Company includes only fixture cleaning, relamping and glassware and photo cell replacement.

### Service Regulations

The supplying of and billing for service and all conditions applying thereto are subject to the jurisdiction of the Kentucky Public Service Commission and to Company's service regulations currently in effect, as filed with the Kentucky Public Service Commission.



RATE GS-FL\*  
(OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS)

Applicability

Applicable to electric service in the Company's entire territory for small fixed, electric load which can be served by a standard service drop from the Company's existing secondary distribution system where it is considered by Company to be impractical to meter such as service locations for bus shelters, telephone booths, navigation lights and beacons and cable television power supplies.

Type of Service

Alternating current 60 Hz, at nominal voltages of 120, 120/240 or 120/208 volts, single phase, unmetered. Service of other characteristics, where available, may be furnished at the option of the Company.

Net Monthly Bill

Computed in accordance with the following charges:

6.199¢ per kilowatt-hour of calculated energy use per month

Minimum: \$2.50 per fixed load location per month

Fuel Cost Adjustment

All kilowatt-hours shall be subject to an adjustment per kilowatt-hour determined in accordance with the "Fuel Cost Adjustment" set forth on Sheet No. 80 of this tariff.

Late Payment Charge

Payment of the net monthly bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the gross monthly bill, which is the net monthly bill plus 5%, is due and payable.

Service Provisions

1. Each separate point of delivery of service shall be considered a fixed load location.
2. Only one supply service will be provided to a customer under this schedule as one fixed load location.
3. The customer shall furnish switching equipment satisfactory to the Company.

4. The calculated energy use per month shall be determined by the Company taking into consideration the size and operating characteristics of the load.
5. The customer shall notify the Company in advance of every change in connected load or operating characteristics, and the Company reserves the right to inspect the customer's equipment at any time to verify the actual load. In the event of the customer's failure to notify the Company of any such changes, the Company reserves the right to refuse to serve the fixed load thereafter under this schedule, and shall be entitled to bill the customer retroactively on the basis of the changed load and operating characteristics for the full period such load was connected.

Term of Service

One (1) year, terminable thereafter on thirty (30) days written notice by either customer or Company.

Service Regulations

The supplying of and billing for service and all conditions applying thereto are subject to the jurisdiction of the Kentucky Public Service Commission and to Company's service regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

RATE SL\*  
(STREET LIGHTING SERVICE)

Net Monthly Bill

The following monthly charge for each lamp with luminaire, controlled automatically, will be assessed:

<u>Description</u>	<u>KW/Lum.</u>	<u>Rate/KWH</u>		
		<u>Additional Facilities</u>		
		<u>Existing Facilities</u>	<u>Wood Pole(a)</u>	<u>Embedded Steel Pole</u>
<b>Overhead Dist. Area:</b>				
Incandescent				
1000 Lumens (b)	.092	5.570¢	-	-
2500 Lumens (b)	.189	8.341¢	-	-
Mercury Vapor				
2500 Lumens	.109	13.536¢	-	-
7000 Lumens	.190	8.366¢	13.367¢	-
10000 Lumens	.271	7.062¢	10.918¢	-
21000 Lumens	.425	5.647¢	8.045¢	-
Sodium Vapor				
9500 Lumens	.117	15.456¢	-	-
22000 Lumens	.246	9.819¢	-	-
50000 Lumens	.471	7.486¢	9.783¢	-

Description	KW/Lum.	Rate/KWH Mounted On-Pole Type				Fac. Chg. (f)
		30' Wood	28' Aluminum	27' Steel 11 Gauge	27' Steel 3 Gauge	
Underground Dist.						
Area - Residential (only):						
Mercury Vapor						
7000 Lumens	.210	12.745¢	15.388¢	26.338¢		
10000 Lumens	.292	10.187¢	11.966¢	19.906¢		
21000 Lumens	.460	7.553¢	-	13.733¢		
Sodium Vapor						
50000 Lumens (c)	.471	9.746¢				
Decorative-Mercury Vapor, 7000 Lumens						
Town & Country (d)	.208	13.433¢				
Holophane (e)	.210	14.226¢				

- (a) Where a street lighting unit is to be installed on a non-company owned pole on which the Company does not have an existing contract, an additional charge of \$3.15 per pole will be applicable.
- (b) New or replacement units are not offered by the Company.
- (c) Mounted on 40' wood pole.
- (d) Fixture mounted on 17' wood laminated pole.
- (e) Fixture mounted on 17' fiber glass pole.
- (f) For underground lights, \$0.50 per month shall be added to the price per month per street lighting unit for each increment of 25' of secondary wiring beyond the initial 25' from the pole.

Customer Owned, Company Maintained Fixtures

Description	KW/Fix.	Fixture Charges (¢/KWH) (a)		
		Conventional Fixture	Wood Pole (c)	Decorative Fixture
Mercury Vapor				
7,000 Lumens	.190 (d)	5.094	10.858	5.858
10,000 Lumens	.271	4.568	8.662	N/A
21,000 Lumens	.425	4.011	6.622	N/A
Sodium Vapor				
9,500 Lumens	.117 (e)	7.451	16.934	9.226
22,000 Lumens	.246	5.131	9.582	N/A
50,000 Lumens	.471	4.142	6.865	N/A

- (a) Fixtures for which the total investment and installation costs are borne by the customer. It shall be an approved Company fixture used in overhead or underground distribution areas.

- (b) Rate is based upon energy plus limited maintenance by Company which includes only fixture cleaning, relamping and glassware and photo cell replacement.
- (c) Where a street lighting fixture is to be installed on a non-company owned pole on which the Company does not have a contract, the charge listed under wood pole will apply.
- (d) .208 for Town and Country Decorative Fixture  
.210 for Holophane Decorative Fixture
- (e) .128 for Holophane Decorative Fixture

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be 2.827¢ per kilowatt-hour. The monthly kilowatt-hour usage will be mutually agreed upon between the Company and the customer. Where the average monthly usage is less than 150 KWH per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before work is carried out.

RATE TL\*  
(TRAFFIC LIGHTING SERVICE)

Net Monthly Bill

Computed in accordance with the following charges:

1. Where the Company supplies energy only, all kilowatt-hours shall be billed at 2.91 cents per kilowatt-hour; or
2. Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at 4.519 cents per kilowatt-hour.

General Conditions

1. Billing will be based on the calculated kilowatt-hour consumption taking into consideration the size and characteristics of the load.
2. Where the average monthly usage is less than 110 KWH per point of delivery, the customer shall pay the company, in addition to the monthly charge, the cost of providing the electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before the work is carried out.

3. The location of each point of delivery shall be mutually agreed upon by the Company and the customer. In overhead distribution areas, the point of delivery shall be within 150 feet of existing secondary wiring. In underground distribution areas, the point of delivery shall be at an existing secondary wiring service point.
4. If the customer requires a point of delivery which requires the extension, relocation or rearrangement of Company's distribution system, the customer shall pay the Company, in addition to the monthly charge, the cost of such extension, relocation or rearrangement on the basis of time and material plus overhead charges unless, in the the judgment of the company, no payment shall be made. An estimate of the cost will be submitted for approval before work is carried out.

Limited Maintenance

Limited maintenance for traffic signals is defined as cleaning and replacing lamps and repairing connections in wiring which are of a minor nature. Limited maintenance for traffic controllers is defined as cleaning, oiling, adjusting and replacing of contacts, time-setting when requested and minor repairs to defective wiring.

RATE OL\*  
(OUTDOOR LIGHTING SERVICE)

Net Monthly Bill

The following monthly charge for each lamp with luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a maximum mast arm of 10 feet for overhead units, will be assessed:

<u>Lighting Served With Overhead Facilities (OH)</u>	<u>KW/Luminaire</u>	<u>Rate/KWH</u>
9,500 Lumen High Pressure Sodium-Enclosed	0.117	18.807¢
9,500 Lumen High Pressure Sodium-Open	0.117	14.496¢
22,000 Lumen High Pressure Sodium-Enclosed	0.246	11.449¢
50,000 Lumen High Pressure Sodium-Enclosed	0.471	6.922¢

	<u>KW/Luminaire</u>	<u>Rate/KWH</u>
<u>Lighting Served With Underground Facilities (URD)</u>		
9,500 Lumen High Pressure Sodium-Enclosed	0.117	18.807¢
9,500 Lumen High Pressure Sodium-Open	0.117	14.499¢
9,500 Lumen High Pressure Sodium-TC 100 R	0.146	17.324¢
22,000 Lumen High Pressure Sodium-Enclosed	0.246	11.449¢
<u>Floodlighting (FL)</u>		
22,000 Lumen High Pressure Sodium	0.246	11.149¢
50,000 Lumen High Pressure Sodium	0.476	7.201¢

Additional facilities, if needed, will be billed at the time of installation.

RIDER SES  
(STANDBY OR EMERGENCY SERVICE)

Applicability

Applicable to electric service where facilities of suitable voltage and adequate capacity are adjacent to the premises to be served, for standby or emergency purposes furnished to a customer with private generating plant under a general service rate available in the area, under contract for a specified kilowatt demand.

A demand meter will be set in all cases.

Net Monthly Bill

The Net Monthly Bill will be computed under the applicable standard rate.

Minimum: The minimum charge will not be less than \$3.25 per kilowatt of contract demand or actual demand established during the calendar year whichever is higher.

RIDER TS  
(TEMPORARY SERVICE)

Applicability

Applicable to electric service of a temporary nature, where the standard residential or general service rates are effective for the application of this rider, for a period of less than one year and non-recurring, supplied in accordance with provisions of the appropriate rate currently in effect.

RIDER X  
(LINE EXTENSION POLICY)

Extension Plan

Extensions

When the estimated cost of extending the distribution lines to reach the customer's premises equals or is less than three (3) times the estimated gross annual revenue the Company will make the extension without additional guarantee by the customer over that applicable in the rate, provided the customer establishes credit in a manner satisfactory to the Company.

When the estimated cost of extending the distribution lines to reach the customer's premises exceeds three (3) times the estimated gross annual revenue, the customer may be required to guarantee, for a period of five (5) years, a monthly bill of one (1) percent of the line extension cost for residential service and two (2) percent for non-residential service.

When the terms of service or credit have not been established in a manner satisfactory to the Company, the customer may be required to advance the estimated cost of the line extension in either of the above situations. When such advance is made the Company will refund, at the end of each year, for four (4) years, twenty-five (25) percent of the revenues received in any one year up to twenty-five (25) percent of the advance.

RIDER LM  
(LOAD MANAGEMENT RIDER)

Off Peak Provision

The "off peak period" for the summer season is defined as the period from 8:00 PM of one day to 11:00 AM of the following day; Friday from 8:00 PM to 11:00 AM of the following Monday; and from 8:00 PM of the day preceding a legal holiday to 11:00 AM of the day following that holiday. The "off peak period" for the winter season is defined as the period 2:00 PM to 5:00 PM and from 9:00 PM of one day to 9:00 PM of the day preceding a legal holiday to 9:00 AM of the day following that holiday. The following are recognized legal holidays as far as load conditions of the Company's system are concerned: New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, Christmas Day. If the foregoing holidays occur on a Sunday, the following Monday is considered a holiday.

The "on peak period" is defined as all hours exclusive of "off peak period" hours set forth in the preceding paragraph.

- I. For customers with an average monthly demand in excess of fifteen (15) kilowatts and not to exceed five hundred (500) kilowatts where electric service is furnished under the provisions of the Company's existing Rate DS, Service at Distribution Voltage:
  - A. For purposes of administration of this rider, the summer season, as stated above, is the period beginning June 1 and ending September 30. The winter season consists of all other days which have not been recognized in the summer season.
- II. For customers who meet the Company's criteria for the installation of a magnetic tape recording device for billing, and where electric service is furnished under the provisions of either Rate DS, Service at Distribution Voltage, or Rate TS, Service at Transmission Voltage:
  - A. For purposes of administration of this rider, the summer season, as stated above, is the period beginning with the meter reading date in the month of May and ending with the meter reading date in the month of September or the period beginning June 1 and ending September 30, at the Company's option. The winter season consists of all other days which have not been recognized in the summer season.

#### Terms and Conditions

The term of contract for the Off Peak Provision shall be a minimum period of one (1) year.

The Company shall not be required to increase the capability of any service facilities in order to furnish off peak demands. The Company reserves the right, upon 30 days notice to customers affected, to change the time or times during which on peak demands may be established.

The supply and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission.



RATE UDP-R\*  
(UNDERGROUND RESIDENTIAL DISTRIBUTION POLICY)

Applicability

Applicable to the electric service of: 1. single family houses in increments of ten (10) or more contiguous lots with a maximum lot width of one hundred twenty (120) feet; or 2. multi-family dwellings in buildings containing five (5) or more individually metered family units. Rate UDP-R is available throughout the service area of the Company in those situations where the Company extends its distribution lines using pad-mounted transformers to serve new developments.

RATE UDP-G\*  
(GENERAL UNDERGROUND DISTRIBUTION POLICY)

Applicability

Applicable to electric service of: 1. single family houses or multi-family dwellings that do not qualify under the Applicability of the Underground Residential Distribution Policy; 2. commercial and industrial customers; or 3. special situations. Rate UDP-G is available throughout the service area of the Company in those situations where the Company extends its distribution lines to serve new developments not covered by the Underground Residential Distribution Policy.