



# RATE FPL UNMETERED PROTECTIVE LIGHTING

By order of the Alabama Public Service Commission dated March 2, 2021 in Informal Docket # U-4554.

The kWh charges shown reflect adjustment pursuant to Rates RSE and CNP for application to monthly bills effective for January 2021 billings.

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## AVAILABILITY

Available to all farms, residences, churches, educational facilities, and other commercial and industrial customers for area and protective lighting served directly from existing secondary distribution lines of the Company. Service hereunder shall be subject to the additional terms, conditions and adjustments set forth in Special Rules and Regulations on the Company governing application of this rate.

## CHARACTER OF SERVICE FOR COMPANY OWNED

The monthly rates set forth below are applicable to the following service conditions:

Standard, Floodlight and  
Off-Road Luminaires:

The monthly rate is for a luminaire mounted on an existing wood pole and served directly from existing overhead distribution lines. The monthly rate also covers the luminaire maintenance and the replacement of lamps and photoelectric controls upon failure.

Decorative Post Top,  
Shoebox, and Galleria  
Luminaires:

The monthly rate is for the luminaire, the luminaire maintenance, and the replacement of lamps and photoelectric controls upon failure.

Special Poles:

The monthly rate is for the pole only. The poles are available for use with all Company-owned luminaires subject to luminaire/pole mounting compatibility.

When the installation requires facilities not covered by the specific service conditions described above, an Additional Facilities Charge, computed as described below under the heading "Additional Facilities", will be added to the other applicable charges for the installation. Neither the Monthly Rate nor the Additional Facilities Charge covers the replacement of lamps, luminaires, poles, or conductors damaged or destroyed due to vandalism or willful abuse. Such replacements will be performed by the Company at the Customer's expense.



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## CHARACTER OF SERVICE FOR CUSTOMER OWNED

The monthly rates set forth below covers the replacement of lamps and photoelectric controls upon routine failure. Lamps or photoelectric controls damaged or destroyed due to vandalism or willful abuse are not covered by the rate and will be replaced at the Customer's expense. Customer-owned equipment must be approved in advance as to serviceability and accessibility to be eligible for the Customer-owned FPL rate. The Customer is responsible for the installation of all equipment and the electrical distribution system for the lighting. The distribution system shall serve no other electrical loads except the lighting equipment eligible for this rate. The Customer is responsible for all maintenance other than the replacement of lamps and photoelectric controls.

## ADDITIONAL FACILITIES CHARGE

When the installation requires facilities not covered by the specific service conditions described above for the type of lighting equipment being installed, an Additional Facilities Charge will be added to the other monthly charges. The Additional Facilities Charge will be applied monthly in an amount equal to 2.50% of the estimated cost of any additional facilities utilized, provided, however, that any such charge shall not be less than \$1.00.

## PAYMENT

Bills for service rendered hereunder are payable within ten (10) days from due date and if not paid within such period become delinquent and subject to charges as set forth in the Company's Rules and Regulations.

## CONTRACT PERIOD

On any installation served under this rate, the Company may require a contract having an initial period of not less than two (2) years. After the initial term, this contract shall continue from month to month until terminated by either party. On Company-owned installations where five (5) or more poles are installed and supplied from overhead distribution lines or where outdoor lighting systems, regardless of number of poles, are installed and supplied from underground distribution lines, the Company shall require a contract having an initial period of not less than five (5) years. After the initial term, this contract shall continue from month to month until terminated by either party. On Customer-owned installations, the contract shall be for an initial term of one (1) year. After the initial term, this contract shall automatically renew from month to month until terminated



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by either party. The Company may require an advance payment not to exceed one-half of the estimated revenue for the term of the contract on any installation served under this rate.

## MONTHLY KWH

Monthly kWh, in order to apply the Energy Cost Recovery factor under Rate ECR, shall be determined in the following manner:

$$\frac{\text{Total wattage connected for all luminaires including ballast} \times 360 \text{ hours}}{1000} = \text{Monthly kWh}$$

These kWh determinations shall also be used in applying kWh charges pursuant to Rate RSE and Rate CNP.

The 360 hours used above in the equation above were calculated by taking the annual burn hours of 4,320 hours and dividing by 12 months.

## ENERGY COST RECOVERY

The amount calculated at the above rate will be increased under the provision of the Company's Rate ECR (Energy Cost Recovery) by applying the effective Energy Cost Recovery Factor to the monthly kWh for the appropriate luminaire.

## RATE STABILIZATION AND EQUALIZATION

Rate RSE (Rate Stabilization and Equalization Factor) is incorporated in this rate and will be applied to adjust (increase or decrease) kWh charges calculated hereunder.

## ADJUSTMENT FOR COMMERCIAL OPERATION OF CERTIFICATED NEW PLANT

Rate CNP (Adjustment for Commercial Operation of Certificated New Plant) is incorporated in this rate and will be applied to increase kWh charges calculated hereunder.

## GENERAL

The amount calculated at the above rate is subject to possible tax adjustments as set forth in Rate T (Tax Adjustment) and to rules and regulations approved or prescribed by the Alabama



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Public Service Commission, including any Special Rules and Regulations governing the application of this rate.

## MONTHLY RATE I. Company Owned

	<u>Lamp Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate</u>
<b><u>Standard Luminaires:</u></b>			
<u>Open Bottom:</u>			
100 W High Pressure Sodium	9,500	51	\$11.29
<u>Cutoff Cobra Head:</u>			
100 W High Pressure Sodium	9,500	51	\$14.01
150 W High Pressure Sodium	15,000	69	\$17.01
250 W High Pressure Sodium	25,500	113	\$24.15
400 W High Pressure Sodium	47,000	175	\$33.65
150 W Metal Halide	13,000	62	\$18.96
350 W Metal Halide	33,000	144	\$30.92
<u>Cobra Head:</u>			
100 W High Pressure Sodium	9,500	51	\$11.29
150 W High Pressure Sodium	15,000	69	\$16.26
250 W High Pressure Sodium	25,500	113	\$23.81
400 W High Pressure Sodium	47,000	175	\$33.36
150 W Metal Halide	13,000	62	\$18.74
350 W Metal Halide	33,000	144	\$30.70
<b><u>Floodlight Luminaires:</u></b>			
150 W High Pressure Sodium	15,000	69	\$18.26
250 W High Pressure Sodium	25,500	113	\$24.81
400 W High Pressure Sodium	47,000	175	\$34.36
<b><u>Decorative Post Top Luminaires:</u></b>			
<u>Colonial Style:</u>			
100 W High Pressure Sodium	9,500	51	\$13.29
150 W High Pressure Sodium	15,000	69	\$17.26
100 W Metal Halide	9,000	45	\$14.63
150 W Metal Halide	13,000	62	\$18.91



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	<u>Lamp Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate</u>
<u>Cutoff Acorn Style:</u>			
100 W High Pressure Sodium	9,500	51	\$39.37
150 W High Pressure Sodium	15,000	69	\$41.06
100 W Metal Halide	9,000	45	\$39.73
150 W Metal Halide	13,000	62	\$41.30
<u>Acorn Style:</u>			
100 W High Pressure Sodium	9,500	51	\$21.29
150 W High Pressure Sodium	15,000	69	\$26.26
100 W Metal Halide	9,000	45	\$29.42
150 W Metal Halide	13,000	62	\$30.99
<u>Cutoff Coach Lantern Style:</u>			
100 W High Pressure Sodium	9,500	51	\$32.65
150 W High Pressure Sodium	15,000	69	\$34.33
<u>Coach Lantern Style:</u>			
100 W High Pressure Sodium	9,500	51	\$23.29
150 W High Pressure Sodium	15,000	69	\$28.26
100 W Metal Halide	9,000	45	\$30.09
150 W Metal Halide	13,000	62	\$31.66
<u>Off Road Luminaires:</u>			
150 W High Pressure Sodium	15,000	69	\$20.88
250 W High Pressure Sodium	25,500	113	\$25.57
400 W High Pressure Sodium	47,000	175	\$35.96
<u>Cutoff Off Road:</u>			
150 W High Pressure Sodium	15,000	69	\$26.94
250 W High Pressure Sodium	25,500	113	\$32.33
400 W High Pressure Sodium	47,000	175	\$40.44
350 W Metal Halide	33,000	144	\$42.40



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## The Following Luminaires Are No Longer Available for New Company Owned Installations or for Replacement of Existing Company Owned Installations:

	<u>Lamp Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate</u>
<b><u>Standard Luminaires:</u></b>			
<u>Open Bottom:</u>			
100 W Mercury Vapor	3,600	42	\$7.33
175 W Mercury Vapor	7,000	74	\$11.07
<u>Cobra Head:</u>			
175 W Mercury Vapor	7,000	74	\$11.42
400 W Mercury Vapor	20,000	166	\$24.64
700 W Mercury Vapor	37,000	281	\$40.80
1,000 W Mercury Vapor	55,000	397	\$56.26
70 W High Pressure Sodium	5,800	36	\$8.94
175 W Metal Halide	12,000	75	\$19.68
400 W Metal Halide	32,000	163	\$32.08
1,000 W Metal Halide	100,000	393	\$71.21
<b><u>Floodlight Luminaires:</u></b>			
400 W Mercury Vapor	20,000	166	\$27.14
1,000 W Mercury Vapor	55,000	397	\$58.26
175 W Metal Halide	12,000	75	\$19.85
400 W Metal Halide	32,000	163	\$32.08
1,000 W Metal Halide	100,000	393	\$71.21
<b><u>Decorative Post Top Luminaires:</u></b>			
<u>Colonial Style:</u>			
175 W Mercury Vapor	7,000	74	\$13.38
175 W Metal Halide	12,000	75	\$19.85
<u>Cutoff Colonial Style:</u>			
100 W High Pressure Sodium	9,500	51	\$17.32
150 W High Pressure Sodium	15,000	69	\$20.98
100 W Metal Halide	9,000	45	\$17.54
150 W Metal Halide	13,000	62	\$21.82
<u>Contemporary Style:</u>			
175 W Mercury Vapor	7,000	74	\$13.38
100 W High Pressure Sodium	9,500	51	\$11.52
150 W High Pressure Sodium	15,000	69	\$14.54
175 W Metal Halide	12,000	75	\$17.00



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**The Following Luminaires Are No Longer Available for New Company Owned Installations or for Replacement of Existing Company Owned Installations (Continued from previous page):**

	<u>Lamp Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate</u>
<u>Acorn Style:</u>			
175 W Metal Halide	12,000	75	\$25.85
250 W Metal Halide	18,000	105	\$26.23
<u>Cutoff Coach Lantern Style:</u>			
100 W Metal Halide	9,000	45	\$33.00
150 W Metal Halide	13,000	62	\$34.57
<u>Coach Lantern Style:</u>			
175 W Metal Halide	12,000	75	\$27.85
250 W Metal Halide	18,000	105	\$26.23
<u>Shoebox Luminaires:</u>			
100 W High Pressure Sodium	9,500	51	\$13.55
150 W High Pressure Sodium	15,000	69	\$16.61
250 W High Pressure Sodium	25,500	113	\$23.37
250 W Metal Halide	18,000	105	\$24.88
400 W Metal Halide	32,000	163	\$31.43
<u>Galleria Luminaires:</u>			
400 W High Pressure Sodium	47,000	175	\$33.63
400 W Metal Halide	32,000	163	\$32.32
1,000 W Metal Halide	100,000	393	\$62.38
<u>Off Road Luminaires:</u>			
350 W Metal Halide	33,000	144	\$38.36
400 W Metal Halide	32,000	163	\$39.74



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## The Following Luminaires Are No Longer Available for New Company Owned Installations:

### Floodlight Luminaires:

150 W Metal Halide	13,000	62	\$18.91
350 W Metal Halide	33,000	144	\$30.70





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## POLES

	<u>Monthly Rate</u>
<u>Wood:</u>	
30' CCA	\$3.25
35' CCA	\$3.75
40' CCA	\$4.75
45' CCA	\$6.00
50' CCA	\$6.60
<u>Fiberglass/Aluminum:</u>	
20' Round	\$6.00
30' Round	\$10.73
35' Round	\$12.03
40' Round	\$13.88
<u>Concrete:</u>	
35' Standard	\$18.00
40' Standard	\$20.50
45' Standard	\$23.00
16' Octagonal	\$11.00
16' Fluted	\$19.00
<u>Aluminum:</u>	
17' Decorative Base	\$9.78

### **The Following Poles Are No Longer Available for New Company Owned Installations or for Replacement of Existing Company Owned Installations:**

<u>Concrete:</u>	
25' Square Tapered	\$6.88
30' Square Tapered	\$7.34
35' Square Tapered	\$7.88
40' Square Tapered	\$10.10
16' Decorative Base	\$12.51
23' Decorative Base	\$14.60
40' Octagonal Exposed Aggregate	\$23.48
45' Octagonal Exposed Aggregate	\$26.29
16' Round	\$10.00
20' Round	\$10.50



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## MONTHLY RATE II. Customer Owned Lamps

	<u>Lamp Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate</u>
70 W High Pressure Sodium	5,800	36	\$6.73
100 W High Pressure Sodium	9,500	51	\$8.44
150 W High Pressure Sodium	15,000	69	\$11.01
250 W High Pressure Sodium	25,500	113	\$16.06
400 W High Pressure Sodium	47,000	175	\$23.51
100 W Metal Halide (Pulse Start)	9,000	45	\$8.63
150 W Metal Halide (Pulse Start)	13,000	62	\$12.07
350 W Metal Halide (Pulse Start)	33,000	144	\$21.73

### The Following Luminaires Are No Longer Available for New Customer Owned Installations or for Replacement of Existing Customer Owned Installations:

100 W Mercury Vapor	3,600	42	\$7.07
175 W Mercury Vapor	7,000	74	\$10.89
400 W Mercury Vapor	20,000	166	\$21.85
700 W Mercury Vapor	37,000	281	\$36.10
1,000 W Mercury Vapor	55,000	397	\$49.59
175 W Metal Halide	12,000	75	\$13.85
250 W Metal Halide	18,000	105	\$17.51
400 W Metal Halide	32,000	163	\$24.07

### The Following Luminaires Are No Longer Available for New Customer Owned Installations:

1,000 W Metal Halide (Probe Start)	100,000	393	\$55.21
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