

# FORMULARY LIGHTING CHARGE SCHEDULE "FLC-1"



Mississippi Public Service Commission Schedule No. 52

PAGE	EFFECTIVE DATE	DATE OF VERSION SUPERSEDED
1 of 2	January 7, 2014	December 28, 2007

## APPLICABILITY

This Formulary Lighting Charge Schedule is applicable in determining monthly charges for all new fixtures, poles, and other lighting components to be offered by the Company for electric lighting service. Customer requests for special lighting facilities, which are not inventoried as part of the Company's standard line of lighting products, will be evaluated and fulfilled at the sole discretion of the Company.

This schedule applies to lighting electric service used: by any governmental authority for outdoor lighting requirements including streets, alleys, highways, bridges, and parking areas within jurisdiction of governmental authority; by one customer, other than a governmental authority, for lighting of streets and roadways; and by one customer for outdoor lighting purposes.

Prices determined under this rate schedule are available on a uniform basis throughout the service territory of the Company where the Company is operating a retail electric distribution system from which this lighting service can be furnished by installation of necessary lighting fixtures, control circuits, and equipment. Monthly charges computed hereunder become a part of and are governed by the terms and conditions of the Company's applicable rate schedules for lighting electric service.

## CHARACTER OF SERVICE

Lighting electric service will be provided by the Company's 120 volt lighting luminaries, circuits, and other facilities and will be furnished from dusk to dawn, every night, on a lighting schedule based on 4,043 hours per year.

## MONTHLY LIGHTING CHARGE FORMULA

Monthly Charge = [ (Investment Charge + O&M and Other Expenses Charge + Maintenance Adjustment, if applicable) ÷ 12 months ] + Removal Charge + Energy Charge

where:

Investment Charge = Total Installed Cost × % Capital Recovery Factor  
O&M and Other Expenses Charge = Total Installed Cost × % O&M and Other Expenses Factor  
Maintenance Adjustment = Total Installed Cost × % Maintenance Adjustment Factor  
Removal Charge = Total Installed Cost × % Removal Factor ÷ Average Life in Mos.  
Energy Charge = Monthly kWh per Fixture × Lighting Energy Rate in \$/kWh

- The Total Installed Cost will be determined from distribution work order estimates.
- The Capital Recovery Factor is developed from the current PEP Cost-of-Capital analysis and the current Depreciation Study.
- The O&M and Other Expenses Factor is developed from the current Cost-of-Service Study.
- The Maintenance Adjustment Factor, if required, will adjust the O&M and Other Expenses Charge up or down by an amount determined from a study of extraordinary lighting component characteristics or installation conditions.
- The Removal Charge Factor is developed from the current Depreciation Study.
- The Lighting Energy Rate is the current rate per kWh for street and outdoor lighting as specified in the Company's rate schedules for electric lighting service.

# FORMULARY LIGHTING CHARGE SCHEDULE "FLC-1"



Mississippi Public Service Commission Schedule No. 52

PAGE	EFFECTIVE DATE	DATE OF VERSION SUPERSEDED
2 of 2	January 7, 2014	December 28, 2007

## MONTHLY KWH

Monthly kWh will be determined in the following manner:

$$\text{Monthly kWh} = \frac{\text{Total Wattage of All Luminaires Including Ballast} \times 4,043 \text{ Hours}}{1,000 \times 12 \text{ Months}}$$

## FORMULARY PRICING PROCESS

The lighting pricing formula will be used to calculate the monthly rate of new fixtures, poles, and other associated lighting facilities approved by the Company using the current input data as described under the MONTHLY LIGHTING CHARGE FORMULA. Upon the issuance of a monthly rate for a new lighting component, the Company will notify the Mississippi Public Service Commission in writing of each new offering. The Company will also notify the Mississippi Public Service Commission in writing of any current lighting component for which it freezes the availability of and/or withdraws from its list of offerings. On an annual basis, the Company will revise and update its applicable rate schedules for lighting electric service to reflect all such schedule modifications that occurred during the year.

## TERM OF CONTRACT

Monthly charges computed hereunder will become a part of and governed by the terms and conditions of the Company's applicable rate schedules for lighting electric service. Minimum term of service for special lighting facilities, which are not inventoried as part of the Company's standard line of lighting products, shall be for a period of ten (10) years and continuing thereafter until terminated by six (6) months' written notice by either party to other.