

**RATE SCHEDULE SM(R)  
 MERCURY VAPOR STREET LIGHTING SERVICE**

**(C)**

The application of this Rate Schedule to all service is limited as indicated in the Application section of this Rate Schedule. No new installations of mercury vapor lamps and fixtures shall be offered after January 1, 2008 in accordance with the Energy Policy Act of 2005.

**APPLICATION RATE SCHEDULE SM**

This Rate Schedule is for lighting service from overhead or underground facilities on public areas such as streets, highways, bridges and parks, to municipalities, other governmental agencies, or private property customers, when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

The application of this Rate Schedule is limited as follows:

- (a) 10,500 lumen and 34,000 lumen mercury vapor lamps -- fixtures installed on or before and supplied continuously after June 2, 1973, and also prospective fixtures where a definite rate commitment has been made as of that date as long as service is continuous thereafter, and fixtures previously supplied under Hershey Electric Company SMVO rate.
- (b) metal pole overhead -- poles installed on or before and in service continuously after June 2, 1973, and fixtures previously supplied under Hershey Electric Company SMVO and S rates.
- (c) customer-owned equipment -- customers served on or before and supplied continuously after August 26, 1976.
- (d) 20,000 lumen and 51,000 lumen mercury vapor lamps -- fixtures installed on or before and supplied continuously after August 22, 1983, and additions at locations adjacent to such existing installations.
- (e) 3,350 lumen and 6,650 lumen mercury vapor lamps -- fixtures installed on or before and supplied continuously after April 28, 1987, and additions at locations adjacent to or interspersed with such existing installations.
- (f) The mercury vapor (MV) lamps which fail will be transitioned to the High Pressure Sodium (HPS) (Rate Schedule SHS) nominal lumens equivalent or Light Emitting Diode (LED) (Rate Schedule SLE) nominal lumens equivalent. A nominal lumen/wattage equivalent table is shown below. This is in accordance with the Energy Policy Act of 2005 – Section 135 H.R. 6-39, which states that “Mercury Vapor Lamp ballasts shall not be manufactured or imported after January 1, 2008.”

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<u>Lamp Description</u>	<u>Nominal Lumen</u>	<u>Wattage</u>	<u>Lamp Description</u>	<u>Nominal Lumen</u>	<u>Wattage</u>	<u>Fixture Description</u>	<u>Nominal Lumen</u>	<u>Wattage</u>
MV	3,350	100	HPS	5,800	70	LED	2,600	36
MV	6,650	175	HPS	9,500	100	LED	3,300	50
MV	10,500	250	HPS	16,000	150	LED	3,800	53
MV	20,000	400	HPS	25,500	250	LED	4,900	70
MV	34,000	700	HPS	25,500	250	LED	7,500	91
MV	51,000	1,100	HPS	50,000	400	LED	15,000	170
						LED	20,000	269

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**(C)** Indicates Change

**RATE SCHEDULE SM (R) (CONTINUED)**

**(C)**

**NET MONTHLY RATE**

(1) Lamp Prices

Distribution Charge

**(I)**

<u>LAMP DESCRIPTION</u>			<u>OVERHEAD SUPPLY</u>		<u>UNDERGROUND SUPPLY</u>			<u>MULTIPLE UNITS</u>
<u>Type</u>	<u>Nominal Lumens</u>	<u>Wattage</u>	<u>Wood Pole</u>	<u>Metal Pole</u>	<u>Wood Pole</u>	<u>Low Mounting</u>	<u>High Mounting</u>	<u>Additional Luminaire/Pole</u>
Mercury Vapor	3,350	100	\$12.225	----	\$18.503	\$20.075	----	----
Mercury Vapor	6,650	175	\$14.641	\$21.702	\$21.289	\$22.810	\$25.232	\$12.586
Mercury Vapor	10,500	250	\$18.244	\$25.127	----	----	\$28.445	\$16.818
Mercury Vapor	20,000	400	\$22.788	\$29.793	----	----	\$33.357	\$20.517
Mercury Vapor	34,000	700	\$36.032	\$43.255	----	----	\$47.877	\$33.951
Mercury Vapor	51,000	1,100	\$45.252	\$52.828	----	----	\$57.425	\$43.177

**Transmission Service Charge**

The Transmission Service Charge included in this Tariff applies to all KW and/or KWH billed under this Rate Schedule.

**Generation Supply Charge -1**

The Generation Supply Charge -1 included in this Tariff applies to all KWH billed under this Rate Schedule.

(2) The number of KWH supplied is based upon the average hours use and input wattage of each luminaire.

(3) The Company, at its option, may offer appropriate overhead rates set forth above to customers in recognition of their either installing, owning and/or paying for portions of a street lighting installation.

(4) Whenever customer requests an installation hereunder which requires an investment by the Company greater than five (5) times the estimated annual revenue, the Company, at its option, may install the lamps as requested upon payment by the customer of such estimated excess costs.

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**RATE SCHEDULE SM (R) (CONTINUED)**

**(C)**

**STANDARD INSTALLATION AND SERVICE**

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's available general distribution system. The equipment installed under the above rate is of the type currently being furnished by Company at the time service is originally contracted for.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles or on other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires. Lamp fixtures are mounted on brackets or mast arms. A standard installation under the above rates includes one span of secondary per location.

Metal Pole Overhead Service. Lamps are mounted on steel street lighting poles not exceeding 35 feet in height and supplied by overhead wires. A standard installation under the above rates includes one span of secondary per location.

Wood Pole Underground Service. Lamps are mounted on Company's wood or fiberglass street lighting poles and are supplied by underground wires. A standard installation under the above rates includes a maximum of 150 circuit feet of cable and trenching and backfilling.

Low Mounting Underground Service. Lamps are mounted on Company's low mounting street lighting poles and are supplied by underground cable. A standard installation under the above rates includes a maximum of 150 circuit feet of cable and trenching and backfilling.

High Mounting Underground Service. Lamps are mounted on metal street lighting poles not exceeding 35 feet in height and supplied by underground cable. A standard installation under the above rates includes a maximum of 175 circuit feet of cable and trenching and backfilling.

All lamps are lighted from dusk to dawn every night, or for approximately 4,300 hours per annum.

**CONTINUOUS OPERATION**

At customer request, individual lamps may be operated continuously 24 hours per day. The net monthly rate for continuous operation shall be 160% of the aforementioned applicable net monthly rates.

**SPECIAL INSTALLATIONS**

Whenever customer requests an installation that is not in conformity with the aforementioned STANDARD INSTALLATION AND SERVICE provisions, Company may, at its option, install the lamps as requested upon payment in advance by the customer of the estimated installed cost of facilities required in excess of that required for standard installation or of the excess investment in special equipment over that of standard equipment. The maintenance of special equipment is subject to (1) time and ability to obtain replacement, and (2) advance payment of the then excess cost over standard for each replacement.

**REMOVALS**

If customer requests Company to remove any part of a mercury vapor street lighting system to install high pressure sodium street lighting equipment or to remove any part of a high pressure sodium street lighting system to install another high pressure sodium street lighting system or any other type of street lighting system and if the mercury vapor or high pressure sodium luminaires,

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**RATE SCHEDULE SM (R) (CONTINUED)**

**(C)**

REMOVALS (Continued)

supporting brackets, poles and/or conductors which are to be removed as a result of any requested removal, are less than ten years old, Company will charge for and Customer shall pay for such a change. The charge will be based upon Company's estimated costs for removal and rehabilitation plus the estimated remaining life value of the removed equipment less salvage. However, if the Customer's request is made to upgrade the lighting on the street to Illuminating Engineering Society standards, in accordance with the Energy Policy Act of 2005 which states Mercury Vapor Lamp ballasts shall not be manufactured or imported after January 1, 2008, the Company may waive the charge calculated hereunder.

CUSTOMER-OWNED EQUIPMENT

Whenever the customer furnishes, installs and owns the entire lighting system using equipment approved by and installed in a manner acceptable to the Company, the Company may, at its discretion, operate and maintain the system at the following net monthly rates.

Distribution Charge

**(I)**

<u>Wattage</u>	<u>Lamp Size Minimum Initial Lumens</u>	<u>Customer Owns and Company Operates &amp; Maintains</u>
100	3,350	\$7.953
175	6,650	\$10.482
250	10,500	\$13.365
400	20,000	\$18.278

Transmission Service Charge

The Transmission Service Charge included in this Tariff applies to all KW and/or KWH billed under this Rate Schedule.

Generation Supply Charge -1

The Generation Supply Charge -1 included in this Tariff applies to all KWH billed under this Rate Schedule.

The number of KWH supplied is based upon the average hours use and input wattage of each luminaire.

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**RATE SCHEDULE SM (R) (CONTINUED)**

**(C)**

**CUSTOMER-OWNED EQUIPMENT (Continued)**

The Company's responsibility under the aforementioned charges for maintaining the customer-owned lighting system is limited to relamping, cleaning fixtures, and painting poles requiring paint, but does not include relocating or replacing all or any part of the street lighting facilities.

**RIDERS**

The Riders included in this Tariff that apply to this Rate Schedule are listed in the Rider Matrix on Page 14D.

**STATE TAX ADJUSTMENT SURCHARGE**

The State Tax Adjustment Surcharge included in this Tariff is applied to charges under this Rate Schedule.

**PAYMENT**

**(C)**

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed via the U.S. Postal Service or mailed electronically for municipalities and other governmental agencies and 15 days for private owner or agencies. When not so paid the gross rate applies which is the above net rate plus 5% on the first \$200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

**CONTRACT PERIOD**

Ten (10) years and thereafter until terminated in accordance with contract provisions.