

**SCHEDULE 91
STREET AND HIGHWAY LIGHTING
STANDARD SERVICE
(COST OF SERVICE)**

AVAILABLE

In all territory served by the Company.

APPLICABLE

To municipalities or agencies of federal or state governments for lighting service utilizing Company approved streetlighting equipment for public streets and highways and public grounds where funds for payment of Electricity generally are provided through taxation or property assessment.

CHARACTER OF SERVICE

From dusk to dawn daily, controlled by a photoelectric control or time switch to be mutually agreeable to the Customer and Company for an average of 4,100 hours annually.

SERVICE OPTIONS

The Company has the following service options available for lighting:

Option A is for luminaires owned, maintained and supplied with Electricity by the Company.

Option B is for maintenance and Electricity supplied to Customer-owned equipment.

Option C is the provision of Electricity to luminaries owned and maintained by the Customer and installed on Customer-owned poles.

MAINTENANCE

Maintenance of Option A luminaries includes group lamp replacement and glassware cleaning on the Company's schedule. Individual lamps will be replaced on burnout as soon as reasonably possible after notification by the Customer and subject to the Company's operating schedules and requirements. Maintenance also includes repair of an inoperable luminaire. This means that any failed part (e.g., lamp, photoelectric controller, starter, ballast, refractor, power door) will be replaced, or the entire failed luminaire will be replaced with in-kind equipment, if it is more practical to do so.

SCHEDULE 91 (Continued)

MAINTENANCE (Continued)

Maintenance of Option B luminaires includes group lamp replacement and glassware cleaning on the Company's schedule. Individual lamps will be replaced on burnout as soon as reasonably possible after notification by the Customer and subject to the Company's operating schedules and requirements. Maintenance does not include replacement of a luminaire at end of life (when replacement of a part will not bring the unit into working condition and the unit is not inoperable due to damage from accident or vandalism). Option B Maintenance also does not include replacement of technologically obsolete luminaires still in working condition, or for which a simple part replacement (any combination of photocell, lamp, starter and refractor) will return obsolete lights to operable condition.

Non-Standard or Custom luminaires and poles are provided to allow greater flexibility in the choice of equipment. However, the Company will not maintain an inventory of this equipment and thus delays in maintenance may occur. Also, this equipment is more subject to obsolescence. The Company will order and replace the equipment subject to availability.

If damage occurs to any lighting poles more than two times in any 12-month period measured from the first incidence of damage that requires replacement, the Customer will then pay for future installations or mutually agree with the Company and pay to have the pole either completely removed or relocated. Pole maintenance does not include painting of fiberglass, or painting or staining wood poles. It does not include testing or treating of wood poles. Maintenance of Option B poles does not include replacement of rotted wood poles that are no longer structurally sound, or any other poles which by definition have reached a natural end of life.

MONTHLY RATE

In addition to the service rates for Option A and B lights, all Customers will pay the following charges for each luminaire based on the Monthly kWhs applicable to each installed luminaire.

<u>Transmission and Related Services Charge</u>	0.111 ¢ per kWh	(l)
<u>Distribution Charge</u>	3.101 ¢ per kWh	
<u>Energy Charge</u>		(l)
Cost of Service Option	5.360 ¢ per kWh	

Daily Price Option – Available only to Customers with an average load of five MW or greater. In addition to the daily Energy price, the Customer will pay a Basic Charge of \$75 per month to help offset the costs of billing this option. The daily Energy price for all kWh will be the Dow Jones Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (DJ-Mid-C Firm Index) plus 0.229¢ per kWh for wheeling, plus losses. If prices are not reported for a particular day or days, the average of the immediately preceding and following reported days' on- and off-peak prices will be used to determine the price for the non-reported period.

SCHEDULE 91 (Continued)

MONTHLY RATE (Continued)

Prices reported with no transaction volume or as “survey-based” will be considered reported. For the purposes of calculating the daily on- and off-peak usage, actual kWhs will be determined for each month, using Sunrise Sunset Tables with adjustments for typical photocell operation and 4,100 annual burning hours.

For Customers billed on the Daily Energy Rate Option, an average of the daily rates will be used to bill installations and removals that occur during the month. Any additional analysis of billing options and price comparisons beyond the monthly bill will be billed at a rate of \$100 per manhour.

Losses will be included by multiplying the above applicable Daily Price by 1.0834.

To begin service under this option on January 1st, the Customer will notify the Company by 5:00 p.m. PPT on November 15th (or the following working day if the 15th falls on a weekend or holiday) of the year prior to the service year of its choice of this option. Customers selecting this option must commit to this option for an entire service year. The Customer will continue to be billed on this option until timely notice is received to return to the Cost of Service Option.

RATES FOR STANDARD LIGHTING

High-Pressure Sodium (HPS) Only – Service Rates

<u>Type of Light</u>	<u>Watts</u>	<u>Nominal Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rates</u>	
				<u>Option A</u>	<u>Option B</u>
Cobrahead Power Doors **	100	9,500	43	*	\$2.80
	150	16,000	62	*	2.82
	200	22,000	79	*	2.85
	250	29,000	102	*	2.84
	400	50,000	163	*	2.84
Cobrahead	100	9,500	43	\$5.34	2.86
	150	16,000	62	5.36	2.88
	200	22,000	79	5.77	2.92
	250	29,000	102	5.82	2.92
	400	50,000	163	5.83	2.93
Flood	250	29,000	102	6.07	2.93
	400	50,000	163	6.09	2.95

* Not offered.

** Service is only available to Customers with total power door luminaries in excess of 2,500.

SCHEDULE 91 (Continued)

RATES FOR STANDARD LIGHTING (Continued)
High-Pressure Sodium (HPS) Only – Service Rates

<u>Type of Light</u>	<u>Watts</u>	<u>Nominal Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rates</u>	
				<u>Option A</u>	<u>Option B</u>
Early American Post-Top	100	9,500	43	\$5.74	\$2.86
Shoebox (bronze color, flat lens, or drop lens, multi-volt)	100	9,500	43	6.14	2.93
	150	16,000	62	6.40	2.95

RATES FOR STANDARD POLES

<u>Type of Pole</u>	<u>Pole Length (feet)</u>	<u>Monthly Rates</u>	
		<u>Option A</u>	<u>Option B</u>
Fiberglass, Black	20	\$4.10	\$0.14
Fiberglass, Bronze	30	5.47	0.19
Fiberglass, Gray	30	5.49	0.19
Wood, Standard	30 to 35	4.71	0.15
Wood, Standard	40 to 55	5.91	0.20

RATES FOR CUSTOM LIGHTING

<u>Type of Light</u>	<u>Watts</u>	<u>Nominal Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rates</u>	
				<u>Option A</u>	<u>Option B</u>
Special Acorn-Types					
HPS	100	9,500	43	\$8.62	\$3.12
HADCO Independence, HPS	100	9,500	43	7.96	3.05
	150	16,000	62	7.97	3.06
HADCO Capitol Acorn, HPS	100	9,500	43	12.07	3.37
	150	16,000	62	12.09	3.39
	200	22,000	79	12.09	3.39
	250	29,000	102	12.09	3.39
Special Architectural Types					
HADCO Victorian, HPS	150	16,000	62	8.36	3.12
	200	22,000	79	8.37	3.08
	250	29,000	102	8.50	3.13

SCHEDULE 91 (Continued)

RATES FOR CUSTOM LIGHTING (Continued)

<u>Type of Light</u>	<u>Watts</u>	<u>Nominal Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rates</u>	
				<u>Option A</u>	<u>Option B</u>
HADCO Techtra, HPS	100	9,500	43	\$14.45	\$3.54
	150	16,000	62	14.46	3.55
	250	29,000	102	20.35	4.03
KIM Archetype, HPS	250	29,000	102	*	3.21
	400	50,000	163	*	3.22
Special Types					
Cobrahead, Metal Halide	175	12,000	71	5.49	2.94
Flood, Metal Halide	400	40,000	156	6.04	3.02
Flood, HPS	750	105,000	285	8.35	3.94
Holophane Mongoose, HPS	150	16,000	62	7.39	3.12
	250	29,000	102	7.47	3.12
	400	50,000	163	7.51	3.14

* Not offered.

RATES FOR CUSTOM POLES

<u>Type of Pole</u>	<u>Pole Length (feet)</u>	<u>Monthly Rates</u>	
		<u>Option A</u>	<u>Option B</u>
Aluminum, Regular	16	\$ 5.83	\$0.20
	25	9.48	0.33
	30	10.26	0.35
	35	11.29	0.39
	Aluminum Davit	25	9.79
Aluminum Davit	30	10.44	0.36
	35	11.53	0.40
	40	14.08	0.48
	Aluminum Double Davit	30	12.56

SCHEDULE 91 (Continued)

RATES FOR CUSTOM POLES (Continued)

<u>Type of Pole</u>	<u>Pole Length (feet)</u>	<u>Monthly Rates</u>	
		<u>Option A</u>	<u>Option B</u>
Aluminum, HADCO, Fluted Victorian Ornamental	14	\$11.08	\$0.38
Aluminum, HADCO, Non-Fluted Techtra Ornamental	18	19.81	0.68
Aluminum, HADCO, Fluted Ornamental	16	10.60	0.36
Aluminum, Painted Ornamental	35	27.35	0.94
Concrete, Ameron Post-Top	25	23.42	0.81
Fiberglass, HADCO, Fluted Ornamental Black	14	6.47	0.22
Fiberglass, Regular			
color may vary	22	3.17	0.11
color may vary	35	7.47	0.26
Fiberglass, Anchor Base, Gray	35	11.95	0.41
Fiberglass, Direct Bury with Shroud	18	6.20	0.21

(C)

* Not offered.

SERVICE RATE FOR OBSOLETE LIGHTING

The following equipment is not available for new installations under Options A and B. To the extent feasible, maintenance will be provided. Obsolete Lighting will be replaced with the Customer's choice of Standard or Custom equipment. The Customer will then be billed at the appropriate Standard or Custom rate. If an existing Mercury Vapor luminaire requires the replacement of a ballast, the unit will be replaced with a corresponding HPS unit.

<u>Type of Light</u>	<u>Watts</u>	<u>Nominal Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rates</u>	
				<u>Option A</u>	<u>Option B</u>
Cobrahead, Mercury Vapor	100	4,000	39	*	*
	175	7,000	66	\$ 5.41	\$2.74
	250	10,000	94	6.34	2.97
	400	21,000	147	5.53	2.87
	1,000	55,000	374	6.30	3.16
Special Box Similar to GE "Space-Glo"					
HPS	70	6,300	30	8.73	2.86
Mercury Vapor	175	7,000	66	8.96	2.86

* Not offered.

SCHEDULE 91 (Continued)

SERVICE RATE FOR OBSOLETE LIGHTING (Continued)

<u>Type of Light</u>	<u>Watts</u>	<u>Nominal Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rates</u>	
				<u>Option A</u>	<u>Option B</u>
Special Box, Anodized Aluminum Similar to GardCo Hub					
HPS	Twin 70	6,300	60	*	*
	70	6,300	30	*	*
	100	9,500	43	8.45	\$3.10
	150	16,000	62	*	3.12
	250	29,000	102	*	*
	400	50,000	163	*	*
Metal Halide	250	20,500	99	*	3.22
	400	40,000	156	*	3.59
Cobrahead, Dual Wattage, HPS					
70/100 Watt Ballast	100	9,500	43	*	2.86
100/150 Watt Ballast	100	9,500	43	*	2.86
100/150 Watt Ballast	150	16,000	62	*	2.88
Special Architectural Types					
KIM SBC Shoebox, HPS	150	16,000	62	*	3.40
Special Acorn-Type, HPS	70	6,300	30	\$8.51	2.86
Special GardCo Bronze Alloy					
HPS	70	5,000	30	*	*
Mercury Vapor	175	7,000	66	*	*
Special Acrylic Sphere					
Mercury Vapor	400	21,000	147	*	*
Early American Post-Top, HPS					
Black	70	6,300	30	5.23	2.87
Rectangle Type	200	22,000	79	*	*
Incandescent	92	1,000	31	*	*
	182	2,500	62	*	*
Town and Country Post-Top					
Mercury Vapor	175	7,000	66	5.54	2.76

(C)

* Not offered.

SCHEDULE 91 (Continued)

SERVICE RATE FOR OBSOLETE LIGHTING (Continued)

<u>Type of Light</u>	<u>Watts</u>	<u>Nominal Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rates</u>	
				<u>Option A</u>	<u>Option B</u>
Flood, HPS	70	6,300	30	\$5.80	\$2.91
	100	9,500	43	\$5.70	2.89
	200	22,000	79	6.07	2.93
Cobrahead, HPS					
Non-Power Door	70	6,300	30	5.25	2.86
Power Door	310	37,000	124	6.50	3.24
Special Types Customer-Owned & Maintained					
Ornamental, HPS		9,500	43	*	*
Twin Ornamental, HPS	Twin 100	9,500	86	*	*
Compact Fluorescent	28	N/A	12	*	*

(C)

* Not offered.

RATES FOR OBSOLETE LIGHTING POLES

<u>Type of Pole</u>	<u>Poles Length (feet)</u>	<u>Monthly Rates</u>	
		<u>Option A</u>	<u>Option B</u>
Aluminum Post	30	\$ 5.83	*
Bronze Alloy GardCo	12	*	\$0.24
Concrete, Ornamental	35 or less	9.48	0.33
Steel, Painted Regular **	25	9.48	0.33
Steel, Painted Regular **	30	10.26	0.35
Steel, Unpainted 6-foot Mast Arm **	30	*	0.35
Steel, Unpainted 6-foot Davit Arm **	30	*	0.36
Steel, Unpainted 8-foot Mast Arm **	35	*	0.39
Steel, Unpainted 8-foot Davit Arm **	35	*	0.40
Wood, Laminated without Mast Arm	20	5.30	0.14
Wood, Laminated Street Light Only	20	4.10	*

* Not offered.

** Maintenance does not include replacement of rusted steel poles.

SCHEDULE 91 (Continued)

RATES FOR OBSOLETE LIGHTING POLES (Continued)

<u>Type of Pole</u>	<u>Poles Length (feet)</u>	<u>Monthly Rates</u>	
		<u>Option A</u>	<u>Option B</u>
Wood, Curved Laminated	30	6.84	0.26
Wood, Painted Underground	35	4.71	0.20
Wood, Painted Street Light Only	35	4.71	*

* Not offered.

SERVICE RATES FOR ALTERNATIVE LIGHTING

The purpose of this series of luminaires is to provide lighting utilizing the latest in technological advances in lighting equipment. The Company does not maintain an inventory of this equipment, and so delays with maintenance are likely. This equipment is more subject to obsolescence since it is experimental and yet to be determined reliable or cost effective. The Company will order and replace the equipment subject to availability.

<u>Type of Light</u>	<u>Watts</u>	<u>Nominal Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rates</u>	
				<u>Option A</u>	<u>Option B</u>
Special Architectural Types Including Philips QI Induction Lamp Systems					
HADCO Victorian, QL	85	6,000	32	\$10.65	\$2.12
	165	12,000	60	12.30	2.16
HADCO Techtra, QL	85	6,000	32	13.99	2.22
	165	12,000	60	14.72	2.28

ELECTION WINDOW

Quarterly Election Window

The Quarterly Election Window begins at 8:00 a.m. on February 15th, May 15th and August 15th (or the following business day if the 15th falls on a weekend or holiday). The Quarterly Election Windows will remain open from 8:00 a.m. of the first day through 5:00 p.m. of the third business day of the Election Window.

During the Quarterly Election Window, a Customer may notify the Company of its choice to move to Direct Access Service. For the February 15th election, the move is effective on the following April 1st; for the May 15th election window, the election is effective July 1st and for the August 15th election window, the election is effective on October 1st. A Customer may not choose to move from an alternative option back to Cost of service during a Quarterly Election Window.

SCHEDULE 91 (Continued)

ELECTION WINDOW (Continued)

November Election Window

Enrollment for the November Election Window begins at 2:00 p.m. on November 15th (or the following business day if the 15th falls on a weekend or holiday). The November Enrollment Windows will remain open until 5:00 p.m. at the close of the fifth consecutive business day.

During a November Election Window, a Customer may notify the Company of its choice to change to any service options for an effective date of January 1st.

During an Election Window, Customers may notify the Company of a choice to change service options using the Company's website, www.PortlandGeneral.biz.

SPECIALTY SERVICES OFFERED

Upon Customer request and subject to the Company's agreement, the Company will provide the following streetlighting services based on the Company's total costs including Company indirect charges:

- . Trimming of trees adjacent to streetlight equipment and circuits.
- . Arterial patrols to ensure correct operation of streetlights.
- . Design services for Customer-owned streetlight equipment.
- . Painting or staining of wood and steel streetlight poles.

ADJUSTMENTS

Service under this schedule is subject to adjustments approved by the Commission. Adjustments include those summarized in Schedule 100.

SPECIAL CONDITIONS

1. The Company may offer temporary or experimental lighting equipment that is not otherwise listed in this rate schedule. Temporary or experimental lighting will be offered at a billing rate based on approved prices for near equivalent lighting service equipment. The use of temporary or experimental lighting will be for a limited duration not to exceed one-year at which time the lighting service equipment will either be removed at Customer expense or the Company will file with the Commission to add the luminaire type to this rate schedule.
2. Customer is responsible for the cost associated with trenching, boring, conduit and restoration required for underground service to streetlighting.

SCHEDULE 91 (Concluded)

SPECIAL CONDITIONS (Continued)

3. Unless otherwise specifically provided, the location of Company-owned streetlighting equipment and poles may be changed at the Customer's request and upon payment by the Customer of the costs of removal and reinstallation.
4. If Company-owned streetlighting equipment or poles are removed at the Customer's request, a charge will be made consisting of the estimated original cost, less depreciation, less salvage value, plus removal cost. This provision does not pertain to the sale of Company-owned equipment.
5. If Customer-owned (Option B) streetlighting equipment or poles are removed or relocated at the Customer's request, the Customer is responsible for the costs associated with the change.
6. If circuits or poles are removed or relocated at the Customer's request, the Customer is responsible for all associated costs for labor and materials incurred when fulfilling this request.
7. For Option C lights: When the Company provides the circuit, the Customer will incur a circuit charge of \$1.38 per luminaire per month.
8. For Option C lights in service prior to January 31, 2006: When the Company furnishes Electricity to luminaires owned and maintained by the Customer and installed on Customer-owned poles that are not included in the list of equipment in this schedule, usage for the luminaire will be estimated by the Company. When the Customer and the Company cannot agree, the Commission will determine the estimate usage.

TERM

A Customer served under the Daily or Monthly Pricing option may not choose service under another rate schedule until the end of the calendar year in which the pricing choice was made.