

Docket No. UE 263  
Exhibit PAC/1201  
Witness: Joelle R. Steward

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

**PACIFICORP**

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**Exhibit Accompanying Direct Testimony of Joelle R. Steward  
Proposed Tariffs**

**March 2013**

**RESIDENTIAL SERVICE  
 DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To single-family Residential Consumers only for all single-phase and three-phase electric requirements when all service is supplied at one point of delivery. Three-phase service will be supplied only when service is available from Company's presently existing facilities, or where such facilities can be installed under Company's Line Extension Rules, and, in any event, only when deliveries can be made by using one service for Consumer's single-phase and three-phase requirements.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge and Transmission & Ancillary Services Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**

Basic Charge, per month	\$10.00	(I)
Three Phase Demand Charge, per kW demand	\$ 2.20	
Three Phase Minimum Demand Charge, per month	\$ 3.80	
Distribution Energy Charge, per kWh	3.821¢	(R)

**Transmission & Ancillary Services Charge**

Per kWh	0.372¢	(R)
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**System Usage Charge**

Per kWh	0.077¢	(N)
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**Supply Service Options**

All Consumers shall pay the applicable rates under Schedule 200, Base Supply Service. Additionally, each Consumer shall specify Supply Service Schedule 201, Schedule 210, Schedule 211, Schedule 212 or Schedule 213, as appropriate and in accordance with the Applicable section of the specified rate schedule.

**Special Conditions**

Consumer shall so arrange his wiring as to make possible the separate metering of the three-phase demand at a location adjacent to the kWh meter. If, on November 25, 1975, any present Consumer's wiring was arranged only for combined single and three-phase demand measurement, and continues to be so arranged, such demands will be metered and billed hereunder except that the first 10 kW of such combined demand will be deducted before applying demand charges for three phase service. No new combined demand installations will be allowed such a demand deduction.

**Continuing Service**

This Schedule is based on continuing service at each service location. Disconnect and reconnect transactions shall not operate to relieve a Consumer from minimum monthly charges.

**Rules and Regulations**

Service under this Schedule is subject to the General Rules and Regulations contained in the tariff of which this Schedule is a part and to those prescribed by regulatory authorities.

**SEPARATELY METERED ELECTRIC VEHICLE SERVICE FOR  
 RESIDENTIAL CONSUMERS  
 DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To single-family Residential Consumers only for all single-phase and three-phase electric requirements supplied to electric vehicle charging installations where such service is supplied at a point of delivery separately metered from other residential service. Three-phase service will be supplied only when service is available from Company's presently existing facilities.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge and Transmission & Ancillary Services Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**

Basic Charge, per month	\$10.00	(I)
Three Phase Demand Charge, per kW demand	\$2.20	
Three Phase Minimum Demand Charge, per month	\$3.80	
Distribution Energy Charge, per kWh	3.821¢	(R)

**Transmission & Ancillary Services Charge**

Per kWh	0.372¢	(R)
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**System Usage Charge**

Per kWh	0.077¢	(N)
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**Supply Service Options**

All Consumers shall pay the applicable rates under Schedule 200, Base Supply Service. Additionally, each Consumer shall specify Supply Service Schedule 201, Schedule 210, Schedule 211, Schedule 212 or Schedule 213, as appropriate and in accordance with the Applicable section of the specified rate schedule.

**Continuing Service**

This Schedule is based on continuing service at each service location. Disconnect and reconnect transactions shall not operate to relieve a Consumer from minimum monthly charges.

**Rules and Regulations**

Service under this Schedule is subject to the General Rules and Regulations contained in the tariff of which this Schedule is a part and to those prescribed by regulatory authorities.

**OUTDOOR AREA LIGHTING SERVICE - NO NEW SERVICE  
 DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To all Consumers for outdoor area lighting service furnished from dusk to dawn by means of presently-installed Company-owned mercury vapor or high-pressure sodium luminaires which may be served by secondary voltage circuits from the Company's existing overhead distribution system. Luminaires shall be mounted on Company-owned wood poles and served in accordance with the Company's specifications as to equipment and installation.

**Monthly Billing**

The Monthly Billing shall be the Rate Per Luminaire plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

<u>Type of Luminaire</u>	<u>Nominal Rating</u>	<u>Monthly kWh</u>	<u>Rate Per Luminaire</u>	
Mercury Vapor	7,000	76	\$6.52	(l)
Mercury Vapor	21,000	172	\$11.73	(l)
Mercury Vapor	55,000	412	\$23.19	(l)
High Pressure Sodium	5,800	31	\$9.09	(l)
High Pressure Sodium	22,000	85	\$12.36	(l)
High Pressure Sodium	50,000	176	\$19.05	(l)

**Pole Charge**

A monthly charge of \$1.00 per pole shall be made for each additional pole required in excess of the number of luminaires installed.

**Supply Service Option**

All Consumers shall pay the applicable rates under Schedule 200, Base Supply Service. Supply Service shall be provided by Supply Service Schedule 201.

**Special Conditions**

1. Inoperable lights will be repaired as soon as reasonably possible, during regular business hours or as allowed by Company's operating schedule and requirements, provided the Company receives notification of inoperable lights from Consumer or a member of the public by either notifying Pacific Power's customer service (1-888-221-7070) or [www.pacificpower.net/streetlights](http://www.pacificpower.net/streetlights). Pacific Power's obligation to repair street lights is limited to this tariff.
2. The Company reserves the right to contract for the maintenance of lighting service provided hereunder.
3. Temporary disconnection and subsequent reconnection of electrical service requested by the Consumer shall be at the Consumer's expense. The Consumer may request temporary suspension of power for lighting by written notice. During such periods, the monthly rate will be reduced by the Company's estimated average monthly relamping and energy costs for the luminaire. The facilities may be considered idle and may be removed after 12 months of inactivity. The Company will not be required to reestablish such service under this rate schedule if service has been permanently discontinued by the Consumer.

**GENERAL SERVICE - SMALL NONRESIDENTIAL  
 DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To Small Nonresidential Consumers whose entire electric service requirements are supplied hereunder and as specified in the Company's Rules & Regulations, Rule 7.J. Deliveries at more than one point, or more than one voltage and phase classification, will be separately metered and billed, except as provided below for Communication Devices. Service for intermittent, partial requirements, or highly fluctuating loads, or where service is seasonally disconnected during any one-year period will be provided only by special contract for such service.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge and Transmission & Ancillary Services Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**

	<b><u>Delivery Voltage</u></b>		
	<b>Secondary</b>	<b>Primary</b>	
Basic Charge			
Single Charge, per month	\$18.45	\$18.45	(I)
Three Phase, per month	\$27.60	\$27.60	(I)
Load Size Charge			
≤ 15 kW	No Charge	No Charge	
> 15 kW, per kW for all kW in excess of 15 kW Load Size	\$1.30	\$1.30	(I)
Demand Charge, the first 15 kW of demand	No Charge	No Charge	
Demand Charge, for all kW in excess of 15 kW, per kW	\$4.29	\$4.17	(I)
Distribution Energy Charge, per kWh	2.699¢	2.623¢	(I)
Reactive Power Charge, per kvar	\$0.65	\$0.60	

**Transmission & Ancillary Services Charge**

Per kWh	0.365¢	0.355¢	(I)
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**System Usage Charge**

Per kWh	0.075¢	0.073¢	(N)
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**kW Load Size**

For determination of the Basic Charge and Load Size Charge, the kW load size shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

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**GENERAL SERVICE**  
**LARGE NONRESIDENTIAL 31 KW to 200 KW**  
**DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To Large Nonresidential Consumers whose entire electric service requirements are supplied hereunder and whose loads have not registered more than 200 kW, more than six times in the preceding 12-month period and as specified in the Company's Rules & Regulations, Rule 7.J. Deliveries at more than one point, or more than one voltage and phase classification, will be separately metered and billed. Service for intermittent, partial requirements, or highly fluctuating loads, or where service is seasonally disconnected during any one-year period will be provided only by special contract for such service.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge and Transmission & Ancillary Services Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

	<u>Delivery Voltage</u>		
	<u>Secondary</u>	<u>Primary</u>	
<b><u>Distribution Charge</u></b>			
Basic Charge			
Load Size ≤50 kW, per month	\$ 20.00	\$ 26.00	(I)
Load Size 51-100 kW, per month	\$ 36.00	\$ 44.00	(R),(I)
Load Size 101 - 300 kW, per month	\$ 86.00	\$ 104.00	(R),(I)
Load Size > 300 kW, per month	\$123.00	\$ 150.00	(R),(I)
Load Size Charge			
≤50 kW, per kW Load Size	\$ 1.25	\$ 1.45	(I)
51 - 100 kW, per kW Load Size	\$ 1.00	\$ 1.20	(I)
101 – 300 kW, per kW Load Size	\$ 0.60	\$ 0.70	(I)
> 300 kW, per kW Load Size	\$ 0.40	\$ 0.40	(I)
Demand Charge, per kW	\$ 4.25	\$ 5.08	(R),(I)
Distribution Energy Charge, per kWh	0.407¢	0.083¢	(R),(I)
Reactive Power Charge, per kvar	\$ 0.65	\$ 0.60	
<b><u>Transmission &amp; Ancillary Services Charge</u></b>			
Per kW	\$ 1.10	\$ 0.89	(R)
<b><u>System Usage Charge</u></b>			
Per kWh	0.078¢	0.072¢	(N)

**kW Load Size:**

For determination of the Basic Charge and the Load Size Charge, the kW load size shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

**Minimum Charge**

The minimum monthly charge shall be the Basic Charge and the Load Size Charge plus the demand charge. A higher minimum may be required under contract to cover special conditions.

(continued)

**GENERAL SERVICE**  
**LARGE NONRESIDENTIAL 201 KW to 999 KW**  
**DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To Large Nonresidential Consumers whose entire electric service requirements are supplied hereunder and whose loads have registered more than 200 kW, more than six times in the preceding 12-month period but have not registered 1,000 kW or more, more than once in the preceding 18-month period and who are not otherwise subject to service on Schedules 47 or 48. Deliveries at more than one point, or more than one voltage and phase classification, will be separately metered and billed. Service for intermittent, partial requirements, or highly fluctuating loads, or where service is seasonally disconnected during any one-year period will be provided only by special contract for such service.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge and Transmission & Ancillary Services Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**

	<b><u>Delivery Voltage</u></b>		
	<b>Secondary</b>	<b>Primary</b>	
Basic Charge			
Load Size ≤200 kW, per month	\$529.00	\$514.00	(I)
Load Size 201 - 300 kW, per month	\$159.00	\$164.00	(I)
Load Size > 300 kW, per month	\$417.00	\$424.00	(I)
Load Size Charge			
≤200 kW, per kW Load Size	No Charge	No Charge	
201 – 300 kW, per kW Load Size	\$1.85	\$1.75	(I)
> 300 kW, per kW Load Size	\$0.90	\$0.90	(I)
Demand Charge, per kW	\$4.75	\$4.74	(I)
Reactive Power Charge, per kvar	\$0.65	\$0.60	
 <b><u>Transmission &amp; Ancillary Services Charge</u></b>			
Per kW	\$1.26	\$1.21	(I)
<b><u>System Usage Charge</u></b>			(N)
Per kWh	0.073¢	0.071¢	(N)

**kW Load Size:**

For determination of the Basic Charge and the Load Size Charge, the kW load size shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

**Minimum Charge**

The minimum monthly charge shall be the Basic Charge and the Load Size Charge plus the demand charge. A higher minimum may be required under contract to cover special conditions.

**Reactive Power Charge**

The maximum 15-minute reactive demand for the month in kilovolt-amperes in excess of 40% of the measured kilowatt demand for the same month.

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**AGRICULTURAL PUMPING SERVICE**  
**DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To Consumers desiring service for agricultural irrigation or agricultural soil drainage pumping installations only and whose loads have not registered 1,000 kW or more, more than once in the preceding 18-month period and who are not otherwise subject to service on Schedule 47 or 48. Service furnished under this Schedule will be metered and billed separately at each point of delivery.

**Monthly Billing**

Except for November, the monthly billing shall be the sum of the Distribution Energy Charge, Reactive Power Charge, Transmission & Ancillary Services Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90. For November, the billing shall be the sum of the Basic Charge, Load Size Charge, Distribution Energy Charge, Reactive Power Charge, Transmission & Ancillary Services Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**
**Delivery Voltage**

	<b>Secondary</b>	<b>Primary</b>	
Basic Charge (November billing only)			
Load Size ≤ 50 kW, or Single Phase Any Size	No Charge	No Charge	
Three Phase Load Size 51 - 300 kW	\$310.00	\$300.00	(R)
Three Phase Load Size > 300 kW	\$1,220.00	\$1,190.00	(R)
Load Size Charge (November billing only)			
Single Phase Any Size, Three Phase ≤ 50 kW, per kW Load Size	\$15.00	\$15.00	
Three Phase 51 - 300 kW, per kW Load Size	\$10.00	\$10.00	
Three Phase > 300 kW, per kW Load Size	\$6.00	\$6.00	
Single Phase, Minimum Charge	\$55.00	\$55.00	
Three Phase, Minimum Charge	\$95.00	\$90.00	
Distribution Energy Charge, per kWh	3.579¢	3.478¢	(R)
Reactive Power Charge, per kVar	\$0.65	\$0.60	
<b><u>Transmission &amp; Ancillary Services Charge</u></b>			
Per kWh	0.286¢	0.278¢	(R)
<b><u>System Usage Charge</u></b>			(N)
Per kWh	0.074¢	0.072¢	(N)

**kW Load Size**

For determination of the Basic Charge and the Load Size Charge, the kW load size shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

Monthly kW is the measured kW shown by or computed from the readings of the Company's meter, or by appropriate test, for the 15-minute period of the Consumer's greatest takings during the billing month; provided, however, that for motors 10 hp or less, the Monthly kW may, subject to confirmation by test, be determined from the nameplate hp rating and the following table:

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**LARGE GENERAL SERVICE  
 PARTIAL REQUIREMENTS 1,000 KW AND OVER  
 DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To Large Nonresidential Consumers supplying all or some portion of their load by self-generation operating on a regular basis, requiring standby electric service from the Company where the Consumer's self-generation has both a total nameplate rating of 1,000 kW or greater and where standby electric service is required for 1,000 kW or greater. Consumers requiring standby electric service from the Company for less than 1,000 kW shall be served under the applicable general service schedule.

If Consumer elects to receive Supply Service from an ESS, Delivery Service shall be provided under Schedule 747, Direct Access Delivery Service.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge, Reserves Charge and Transmission & Ancillary Services Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

<b><u>Distribution Charge</u></b>	<b><u>Delivery Voltage</u></b>			
	<b>Secondary</b>	<b>Primary</b>	<b>Transmission</b>	
Basic Charge				
Facility Capacity ≤ 4,000 kW, per month	\$490.00	\$560.00	\$990.00	(I)
Facility Capacity > 4,000 kW, per month	\$920.00	\$1,000.00	\$1,830.00	(I)
Facilities Charge				
≤ 4,000 kW, per kW Facility Capacity	\$1.05	\$0.55	\$0.80	(R)
> 4,000 kW, per kW Facility Capacity	\$1.00	\$0.50	\$0.80	(R)
On-Peak Demand Charge, per kW	\$4.88	\$5.24	\$4.99	(I)
Reactive Power Charges				
Per kvar	\$0.65	\$0.60	\$0.55	
Per kVarh	\$0.0008	\$0.0008	\$0.0008	
<b><u>Reserves Charges</u></b>				
Spinning Reserves				
Per kW of Facility Capacity	\$0.27	\$0.27	\$0.27	
Spinning Reserves (with Company approved Self-Supply Agreement)				
Per kW of Spinning Reserves Level	(\$0.27)	(\$0.27)	(\$0.27)	
Supplemental Reserves				
Per kW of Facility Capacity	\$0.27	\$0.27	\$0.27	
Supplemental Reserves (with Company-approved Load Reduction Plan or Self-Supply Agreement)				
Per kW of Supplemental Reserves Level	(\$0.27)	(\$0.27)	(\$0.27)	
<b><u>Transmission &amp; Ancillary Services Charge</u></b>				
Per kW of On-Peak Demand	\$0.78	\$0.89	\$1.18	(I),(I),(R)
<b><u>System Usage Charge</u></b>				(N)
Per kWh	0.073¢	0.069¢	0.064¢	(N)

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**LARGE GENERAL SERVICE 1,000 KW AND OVER  
 DELIVERY SERVICE**

Page 1

**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

This Schedule is applicable to electric service loads which have registered 1,000 kW or more, more than once in a preceding 18-month period. This Schedule will remain applicable until the Consumer fails to exceed 1,000 kW for a subsequent period of 36 consecutive months. Deliveries at more than one point, or more than one voltage and phase classification, will be separately metered and billed. Service for intermittent, partial requirements, or highly fluctuating loads, or where service is seasonally disconnected during any one-year period will be provided only by special contract for such service.

Partial requirements service for loads of 1,000 kW and over will be provided only by application of the provisions of Schedule 47.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge and Transmission & Ancillary Services Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**

	<b><u>Delivery Voltage</u></b>			
	<b>Secondary</b>	<b>Primary</b>	<b>Transmission</b>	
Basic Charge				
Facility Capacity ≤ 4,000 kW, per month	\$490.00	\$560.00	\$ 990.00	(I)
Facility Capacity > 4,000 kW, per month	\$920.00	\$1,000.00	\$1,830.00	(I)
Facilities Charge				
≤ 4,000 kW, per kW Facility Capacity	\$1.05	\$0.55	\$0.80	(R)
> 4,000 kW, per kW Facility Capacity	\$1.00	\$0.50	\$0.80	(R)
On-Peak Demand Charge, per kW	\$4.88	\$5.24	\$4.99	(I)
Reactive Power Charge, per kvar	\$0.65	\$0.60	\$0.55	

**Transmission & Ancillary Services Charge**

Per kW of On-Peak Demand	\$1.32	\$1.43	\$1.72	(I),(I),(R)
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**System Usage Charge**

Per kWh	0.073¢	0.069¢	0.064¢	(N)
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**Facility Capacity**

For determination of the Basic Charge and the Facilities Charge, the Facility Capacity shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

**Minimum Charge**

The minimum monthly charge shall be the Basic Charge and the Facilities Charge. A higher minimum may be required by contract.

**Reactive Power Charge**

The maximum 15-minute reactive demand for the month in kilovolt-amperes in excess of 40% of the maximum measured kilowatt demand for the same month.

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**MERCURY VAPOR STREET LIGHTING SERVICE**  
**NO NEW SERVICE**  
**DELIVERY SERVICE**
**Available**

In all territory served by the Company (except Multnomah County) in the State of Oregon.

**Applicable**

To service furnished from dusk to dawn for the lighting of public streets, highways, alleys and parks by means of presently-installed mercury vapor lights. Street lights will be served by either series or multiple circuits as the Company may determine. The type and kind of fixtures and supports will be in accordance with the Company's specifications. Service includes installation, maintenance, energy, lamp and glassware renewals.

**Monthly Billing**

The Monthly Billing shall be the Rate Per Luminaire plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**A. Company-owned Overhead System**

Street lights supported on distribution type wood poles: Mercury Vapor Lamps.

<u>Nominal Lumen Rating</u>	<u>7,000</u> (Monthly 76 kWh)	<u>21,000</u> (Monthly 172 kWh)	<u>55,000</u> (Monthly 412 kWh)
Horizontal, per lamp	\$6.10	\$10.58	\$20.53
Vertical, per lamp	\$5.61	\$9.71	

Street lights supported on distribution type metal poles: Mercury Vapor Lamps.

<u>Nominal Lumen Rating</u>	<u>7,000</u> (Monthly 76 kWh)	<u>21,000</u> (Monthly 172 kWh)	<u>55,000</u> (Monthly 412 kWh)
On 26-foot poles, horizontal, per lamp	\$8.35		
On 26-foot poles, vertical, per lamp	\$7.80		
On 30-foot poles, horizontal, per lamp		\$13.23	
On 30-foot poles, vertical, per lamp		\$12.36	
On 33-foot poles, horizontal, per lamp			\$23.15

**B. Company-owned Underground System**

<u>Nominal Lumen Rating</u>	<u>7,000</u> (Monthly 76 kWh)	<u>21,000</u> (Monthly 172 kWh)	<u>55,000</u> (Monthly 412 kWh)
On 26-foot poles, horizontal, per lamp	\$8.35		
On 26-foot poles, vertical, per lamp	\$7.80		
On 30-foot poles, horizontal, per lamp		\$12.67	
On 30-foot poles, vertical, per lamp		\$11.87	
On 33-foot poles, horizontal, per lamp			\$22.59
plus rate per foot of underground cable:			
In paved area	\$0.05	\$0.05	\$0.05
in unpaved area	\$0.03	\$0.03	\$0.03

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**STREET LIGHTING SERVICE COMPANY-OWNED SYSTEM  
 DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To unmetered lighting service provided to municipalities or agencies of municipal, county, state or federal governments for dusk to dawn illumination of public streets, highways and thoroughfares by means of Company owned, operated and maintained street lighting systems controlled by a photoelectric control or time switch.

**Monthly Billing**

The Monthly Billing shall be the rate per luminaire as specified in the rate tables below plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

<b>High Pressure Sodium Vapor</b>						
Lumen Rating	5,800*	9,500	16,000	22,000*	27,500	50,000
Watts	70	100	150	200	250	400
Monthly kWh	31	44	64	85	115	176
Functional Lighting	\$ 5.46	\$ 6.08	\$ 7.39	\$ 8.67	\$ 11.18	\$ 13.70
Decorative - Series 1	N/A	\$ 20.56	\$ 20.51	N/A	N/A	N/A
Decorative - Series 2	N/A	\$ 17.64	\$ 17.54	N/A	N/A	N/A

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<b>Metal Halide – No New Service</b>				
Lumen Rating	9,000*	12,000*	19,500*	32,000*
Watts	100	175	250	400
Monthly kWh	39	68	94	149
Functional Lighting	N/A	\$ 14.37	\$ 16.14	\$ 15.60
Decorative - Series 1	\$ 20.68	\$ 22.08	N/A	N/A
Decorative - Series 2	\$ 19.04	\$ 19.08	N/A	N/A

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\*Existing fixtures only. Service is not available under this schedule to new 5,800 or 22,000 lumen High Pressure Sodium Vapor fixtures or to Metal Halide fixtures of any size.

**Supply Service Options**

All Consumers taking Delivery Service under this schedule shall pay the applicable rates in Schedule 200, Base Supply Service. Additionally, each Consumer shall specify Supply Service Schedule 201 or Schedule 220, as appropriate and in accordance with the Applicable section of the specified rate schedule. If Consumer elects to receive Supply Service from an ESS, Delivery Service shall be provided under Schedule 751, Direct Access Delivery Service.

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**STREET LIGHTING SERVICE COMPANY-OWNED SYSTEM  
NO NEW SERVICE  
DELIVERY SERVICE**

**Available**

In all territory served by the Company (except Multnomah County) in the State of Oregon.

**Applicable**

To service furnished by means of the Company-owned installations, for the lighting of public streets, highways, alleys and parks under conditions and for street lights of sizes and types not specified on other schedules of this Tariff. The Company may not be required to furnish service hereunder to other than municipal Consumers. This schedule is closed to new service beginning November 8, 2006.

**Monthly Billing**

The Monthly Billing shall be the Rate Per kWh below plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

A flat rate equal to one-twelfth of the Company's estimated annual cost for operation, maintenance, fixed charges and depreciation applicable to the street lighting system, including Distribution Charge as follows:

For dusk to dawn operation, per kWh	2.200¢	(l)
For dusk to midnight operation, per kWh	2.614¢	(l)

**Supply Service Options**

All Consumers taking Delivery Service under this schedule shall pay the applicable rates in Schedule 200, Base Supply Service. Additionally, each Consumer shall specify Supply Service Schedule 201 or Schedule 220, as appropriate and in accordance with the Applicable section of the specified rate schedule. If Consumer elects to receive Supply Service from an ESS, Delivery Service shall be provided under Schedule 752, Direct Access Delivery Service.

**Term of Contract**

Not less than five years for service to an overhead, or ten years to an underground, Company-owned system by written contract when unusual conditions prevail.

**Provisions**

1. Installation, daily operation, repair and maintenance of lights on this rate schedule will be performed by the Company, providing that the facilities furnished remain readily accessible for maintenance purposes.
2. Inoperable lights will be repaired as soon as reasonably possible, during regular business hours or as allowed by Company's operating schedule and requirements, provided the Company receives notification of inoperable lights from Consumer or a member of the public by either notifying Pacific Power's customer service (1-888-221-7070) or [www.pacificpower.net/streetlights](http://www.pacificpower.net/streetlights). Pacific Power's obligation to repair street lights is limited to this tariff.
3. Existing fixtures and facilities that are deemed irreparable will be replaced with comparable fixtures and facilities from the Company's Construction Standards.

(continued)

**STREET LIGHTING SERVICE CONSUMER-OWNED SYSTEM  
 DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To lighting service provided to municipalities or agencies of municipal, county, state or federal governments for dusk to dawn illumination of public streets, highways and thoroughfares by means of Consumer owned street lighting systems controlled by a photoelectric control or time switch.

**Monthly Billing**
**Energy Only Service - Rate per Luminaire**

Energy Only Service includes energy supplied from Company's overhead or underground circuits and does not include any maintenance to Consumer's facilities. Maintenance service will be provided only as indicated in the Maintenance Service section below.

The Monthly Billing shall be the rate per luminaire specified in the rate tables below plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

<b>High Pressure Sodium Vapor</b>						
Lumen Rating	5,800	9,500	16,000	22,000	27,500	50,000
Watts	70	100	150	200	250	400
Monthly kWh	31	44	64	85	115	176
Energy Only Service	\$ 1.36	\$ 1.93	\$ 2.81	\$ 3.73	\$ 5.05	\$ 7.73

(l)

<b>Metal Halide – No New Service</b>					
Lumen Rating	9,000*	12,000*	19,500*	32,000*	107,800*
Watts	100	175	250	400	1,000
Monthly kWh	39	68	94	149	354
Energy Only Service	\$ 1.71	\$ 2.99	\$ 4.13	\$ 6.54	\$ 15.55

(l)

\*Existing fixtures only. Service is not available under this Schedule to new Metal Halide fixtures of any size.

For non-listed luminaires the cost will be calculated for 3940 annual hours of operation including applicable loss factors for ballasts and starting aids at the cost per kWh given below.

<b>Non-Listed Luminaire</b>	<b>¢/kWh</b>
Energy Only Service	4.392

(l)

**Maintenance Service (No New Service)**

Where the utility operates and maintains the system, a flat rate equal to one-twelfth the estimated annual cost for operation and maintenance will be added to the Energy Only Service rates listed above. Monthly Maintenance is only applicable for existing monthly maintenance service agreements in effect prior to May 24, 2006.

(continued)

**RECREATIONAL FIELD LIGHTING - RESTRICTED  
 DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To schools, governmental agencies and nonprofit organizations for service supplied through one meter at one point of delivery and used exclusively for annually recurring seasonal lighting of outdoor athletic or recreational fields. This Schedule is not applicable to any enterprise which is operated for profit. Service for purposes other than recreational field lighting may not be combined with such field lighting for billing purposes under this Schedule. At the Consumer's option, service for recreational field lighting may be taken under the Company's applicable General Service Schedule.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge and Transmission & Ancillary Services Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**

Basic Charge, Single Phase, per month	\$ 6.00	
Basic Charge, Three Phase, per month	\$ 9.00	
Distribution Energy Charge, per kWh	4.360¢	(I)

**Transmission & Ancillary Services Charge**

per kWh	0.061¢	(I)
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**System Usage Charge**

per kWh	0.049¢	(N)
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**Minimum Charge**

The minimum monthly charge shall be the Basic Charge.

**Supply Service Options**

All Consumers taking Delivery Service under this schedule shall pay the applicable rates in Schedule 200, Base Supply Service. Additionally, each Consumer shall specify Supply Service Schedule 201 or Schedule 220, as appropriate and in accordance with the Applicable section of the specified rate schedule. If Consumer elects to receive Supply Service from an ESS, Delivery Service shall be provided under Schedule 754, Direct Access Delivery Service.

**Special Conditions**

The Consumer shall own all poles, wire and other distribution facilities beyond the Company's point of delivery.

**Continuing Service**

This Schedule is based on continuing service at each service location. Disconnect and reconnect transactions shall not operate to relieve a Consumer from monthly minimum charges.

(continued)



**LED PILOT STREET LIGHTING SERVICE  
 COMPANY-OWNED SYSTEM  
 DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To unmetered lighting service provided to municipalities or agencies of municipal, county, state or federal governments for dusk to dawn illumination of public streets, highways and thoroughfares by means of Company owned, operated and maintained street lighting systems controlled by a photoelectric control.

**Monthly Billing**

The Monthly Billing shall be the sum of the rates per luminaire as specified in the rate tables below plus the applicable rate for Schedule 51 shown in Schedule 80 and all adjustments that are applicable for Schedule 51 as specified in Schedule 90.

<b>Light-Emitting Diode (LED)</b>		
Compares to HPSV lamp size of (Watts)	100	150
Monthly kWh	29	41
LED Luminaire Rate	\$ 5.18	\$ 7.23

(I)

**Supply Service Option:**

All Consumers taking Delivery Service under this schedule shall pay the applicable rates in Schedule 200, Base Supply Service. Supply Service shall be provided by Supply Service Schedule 201.

**Provisions**

1. Installation, daily operation, repair and maintenance of lights on this rate schedule will be performed by the Company, providing that the facilities furnished remain readily accessible for maintenance purposes.
2. Company will install only Company approved street lighting equipment at locations acceptable to Company.
3. Where provided by this tariff, and following notification by the Consumer, inoperable lights will be repaired as soon as possible, during regular business hours or as allowed by Company's operating schedule and requirements.
4. Existing fixtures and facilities that are deemed irreparable will be replaced with comparable fixtures and facilities from the Company's Construction Standards.

(continued)



**LARGE GENERAL SERVICE - PARTIAL REQUIREMENTS SERVICE  
 ECONOMIC REPLACEMENT POWER RIDER  
 DELIVERY SERVICE**
**Purpose**

To provide Consumers served on Schedule 47 with the opportunity of purchasing Energy from the Company to replace some or all of the Consumer's on-site generation when the Consumer deems it is more economically beneficial than self generating.

**Available**

In all territory served by the Company in Oregon. The Company may limit service to a Consumer if system reliability would be affected. The Company has no obligation to provide the Consumer with economic replacement power except as explicitly agreed to between Company and Consumer.

**Applicable**

To Large Nonresidential Consumers receiving Delivery Service under Schedule 47.

**Character of Service**

Sixty-hertz alternating current of such phase and voltage as the Company may have available.

**Monthly Billing**

The following charges are in addition to applicable charges under Schedule 47 plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90:

	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>	
<b>Transmission &amp; Ancillary Services Charge</b>				
Per kW of Daily Economic Replacement Power (ERP)				
On-Peak Demand per day	\$0.030	\$0.035	\$0.046	(I),(R)
<b>Daily ERP Demand Charge</b>				
Per kW of Daily ERP On-Peak Demand	\$0.190	\$0.204	\$0.194	(I)

**Supply Service**

A Consumer taking Delivery Service under this Schedule shall be served under the terms of Supply Service Schedule 276R.

**ERP and ENF**

Economic Replacement Power (ERP) is Electricity supplied by the Company to meet an Energy Needs Forecast (ENF) pursuant to an Economic Replacement Power Agreement (ERPA). ERP, ENF and ERPA are more fully described in Schedule 276R.

**Daily ERP On-Peak Demand**

Daily ERP On-Peak Demand shall not be less than the maximum ERP On-Peak Demand scheduled per day and shall not be greater than the difference between the Facility Capacity and the Baseline Demand. Daily ERP On-Peak Demand will be billed for each day in the month that the Company supplies ERP to the Consumer.

(continued)

**BASE SUPPLY SERVICE**

Page 1

**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To all Residential Consumers and Nonresidential Consumers. This service may be taken only in conjunction with the applicable Delivery Service Schedule or Direct Access Delivery Service Schedule. Not applicable to energy usage under Delivery Service Schedule 76 which is billed at Economic Replacement Power rates under Schedule 276 or energy usage under Delivery Service Schedule 47 which is billed at Unscheduled Energy rates under Schedule 247.

**Monthly Billing**

The Monthly Billing shall be the Energy Charge and/or Demand Charge, as specified below by Delivery Service Schedule.

		<u>Delivery Service Schedule No.</u>	<u>Delivery Voltage</u>			
			<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>	
4	Per kWh	0 – 1000 kWh	2.784¢			(I)
		> 1000 kWh	3.802¢			(I)
5	Per kWh	0 – 1000 kWh	2.784¢			(I)
		> 1000 kWh	3.802¢			(I)
For Schedules 4 and 5, the kilowatt-hour blocks listed above are based on an average month of approximately 30.42 days. Residential kilowatt-hour blocks shall be prorated to the nearest whole kilowatt-hour based upon the number of whole days in the billing period (see Rule 10 for details).						
23, 723	First 3,000 kWh, per kWh		3.218¢	3.127¢		(I)
		All additional kWh, per kWh	2.388¢	2.321¢		(I)
28, 728	First 20,000 kWh, per kWh		3.061¢	2.920¢		(I)
		All additional kWh, per kWh	2.980¢	2.841¢		(I)
30, 730	Demand Charge, per kW		\$1.35	\$1.35		(I)
	First 20,000 kWh, per kWh		2.951¢	2.880¢		(I)
	All additional kWh, per kWh		2.559¢	2.489¢		(I)
Demand shall be as defined in the Delivery Service Schedule						
41, 741	Winter, first 100 kWh/kW, per kWh		4.205¢	4.086¢		(I)
	Winter, all additional kWh, per kWh		2.866¢	2.785¢		(I)
	Summer, all kWh, per kWh		2.866¢	2.785¢		(I)

For Schedule 41, Winter is defined as service rendered from December 1 through March 31, Summer is defined as service rendered April 1 through November 30.

(continued)

**Monthly Billing (continued)**
**Delivery Service Schedule No.**
**Delivery Voltage**

		<b>Secondary</b>	<b>Primary</b>	<b>Transmission</b>	
47/48,	Demand Charge, per kW of On-Peak Demand	\$1.24	\$1.25	\$1.26	(l)
747/748	Per kWh, On-Peak	2.682¢	2.609¢	2.493¢	(l)
	Per kWh, Off-Peak	2.632¢	2.559¢	2.443¢	(l)

For Schedule 47 and Schedule 48, On-Peak hours are from 6:00 a.m. to 10:00 p.m. Monday through Saturday excluding NERC holidays. Off-Peak hours are remaining hours.

On-Peak Demand shall be as defined in the Delivery Service Schedule.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November.

52, 752	For dusk to dawn operation, per kWh	2.455¢	(l)
	For dusk to midnight operation, per kWh	2.455¢	(l)

54, 754	Per kWh	1.803¢	(l)
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15	<b><u>Type of Luminaire</u></b>	<b><u>Nominal Rating</u></b>	<b><u>Monthly kWh</u></b>	<b><u>Rate Per Luminaire</u></b>	
	Mercury Vapor	7,000	76	\$1.71	(l)
	Mercury Vapor	21,000	172	\$3.87	(l)
	Mercury Vapor	55,000	412	\$9.27	(l)
	High Pressure Sodium	5,800	31	\$0.70	(l)
	High Pressure Sodium	22,000	85	\$1.91	(l)
	High Pressure Sodium	50,000	176	\$3.96	(l)

**50 A. Company-owned Overhead System**

Street lights supported on distribution type wood poles: Mercury Vapor Lamps.

<b><u>Nominal Lumen Rating</u></b>	<b><u>7,000</u></b> (Monthly 76 kWh)	<b><u>21,000</u></b> (Monthly 172 kWh)	<b><u>55,000</u></b> (Monthly 412 kWh)	
Horizontal, per lamp	\$1.54	\$3.49	\$8.36	(l)
Vertical, per lamp	\$1.54	\$3.49		(l)

Street lights supported on distribution type wood poles: Mercury Vapor Lamps.

<b><u>Nominal Lumen Rating</u></b>	<b><u>7,000</u></b> (Monthly 76 kWh)	<b><u>21,000</u></b> (Monthly 172 kWh)	<b><u>55,000</u></b> (Monthly 412 kWh)	
On 26-foot poles, horizontal, per lamp	\$1.54			(l)
On 26-foot poles, vertical, per lamp	\$1.54			(l)
On 30-foot poles, horizontal, per lamp		\$3.49		(l)
On 30-foot poles, vertical, per lamp		\$3.49		(l)
On 33-foot poles, horizontal, per lamp			\$8.36	(l)

(continued)

**Monthly Billing (continued)**
Delivery Service Schedule No.

50	<b>B. Company-owned Underground System</b>					
	<b><u>Nominal Lumen Rating</u></b>	<b><u>7,000</u></b>	<b><u>21,000</u></b>	<b><u>55,000</u></b>		
		(Monthly 76 kWh)	(Monthly 172 kWh)	(Monthly 412 kWh)		
	On 26-foot poles, horizontal, per lamp	\$1.54				(l)
	On 26-foot poles, vertical, per lamp	\$1.54				(l)
	On 30-foot poles, horizontal, per lamp		\$3.49			(l)
	On 30-foot poles, vertical, per lamp		\$3.49			(l)
	On 33-foot poles, horizontal, per lamp			\$8.36		(l)
51, 751	<b><u>Types of Luminaire</u></b>	<b><u>Nominal rating</u></b>	<b><u>Watts</u></b>	<b><u>Monthly kWh</u></b>	<b><u>Rate Per Luminaire</u></b>	
	High Pressure Sodium	5,800	70	31	\$0.99	(l)
	High Pressure Sodium	9,500	100	44	\$1.41	(l)
	High Pressure Sodium	16,000	150	64	\$2.05	(l)
	High Pressure Sodium	22,000	200	85	\$2.72	(l)
	High Pressure Sodium	27,500	250	115	\$3.68	(l)
	High Pressure Sodium	50,000	400	176	\$5.64	(l)
	Metal Halide	9,000	100	39	\$1.25	(l)
	Metal Halide	12,000	175	68	\$2.18	(l)
	Metal Halide	19,500	250	94	\$3.01	(l)
	Metal Halide	32,000	400	149	\$4.77	(l)
53, 753	<b><u>Types of Luminaire</u></b>	<b><u>Nominal rating</u></b>	<b><u>Watts</u></b>	<b><u>Monthly kWh</u></b>	<b><u>Rate Per Luminaire</u></b>	
	High Pressure Sodium	5,800	70	31	\$0.32	(l)
	High Pressure Sodium	9,500	100	44	\$0.46	(l)
	High Pressure Sodium	16,000	150	64	\$0.67	(l)
	High Pressure Sodium	22,000	200	85	\$0.89	(l)
	High Pressure Sodium	27,500	250	115	\$1.21	(l)
	High Pressure Sodium	50,000	400	176	\$1.84	(l)
	Metal Halide	9,000	100	39	\$0.41	(l)
	Metal Halide	12,000	175	68	\$0.71	(l)
	Metal Halide	19,500	250	94	\$0.99	(l)
	Metal Halide	32,000	400	149	\$1.56	(l)
	Metal Halide	107,800	1,000	354	\$3.71	(l)
	Non-Listed Luminaire, per kWh			1.048¢		(l)
55	<b>Compares to HPSV</b>					
	<b><u>Types of Luminaire</u></b>	<b><u>Lamp Size of (Watts)</u></b>		<b><u>Monthly kWh</u></b>	<b><u>Rate Per Luminaire</u></b>	
	Light Emitting Diode	100		29	\$0.93	(l)
	Light Emitting Diode	150		41	\$1.31	(l)

**RATE MITIGATION ADJUSTMENT**

All bills calculated in accordance with Schedules contained in presently effective Tariff Or. No. 36 shall have applied an amount equal to the product of all metered kilowatt-hours multiplied by the following cents per kilowatt hour.

	Secondary	Primary	Transmission	
Schedule 4	0.052¢			(C)
Schedule 5	0.052¢			
Schedule 15	2.193¢			
Schedule 23, 723	0.411¢	0.411¢		
Schedule 28, 728	0.108¢	0.108¢		
Schedule 30, 730	0.033¢	0.033¢		
Schedule 41, 741	(0.221¢)	(0.221¢)		(C)
Schedule 47, 747	(0.267¢)	(0.334¢)	(0.413¢)	
Schedule 48, 748	(0.267¢)	(0.334¢)	(0.413¢)	
Schedule 50	2.052¢			(C)
Schedule 51, 751	3.404¢			
Schedule 52, 752	2.008¢			
Schedule 53, 753	1.155¢			
Schedule 54, 754	1.482¢			(C)

**GENERAL SERVICE – SMALL NONRESIDENTIAL  
 DIRECT ACCESS DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To Small Nonresidential Consumers who have chosen to receive electricity from an ESS, and as specified in the Company's Rules & Regulations, Rule 7.J. Deliveries at more than one point, or more than one voltage and phase classification, will be separately metered and billed, except as provided below for Communication Devices. Service for intermittent, partial requirements, or highly fluctuating loads, or where service is seasonally disconnected during any one year period will be provided only by special contract for such service.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**

	<b><u>Delivery Voltage</u></b>		
	<b>Secondary</b>	<b>Primary</b>	
Basic Charge			
Single Phase, per month	\$18.45	\$18.45	(I)
Three Phase, per month	\$27.60	\$27.60	(I)
Load Size Charge			
≤ 15 kW	No Charge	No Charge	
> 15 kW, per kW for all kW in excess of 15 kW,			
Load Size	\$ 1.30	\$ 1.30	(I)
Demand Charge, the first 15 kW of demand	No Charge	No Charge	
Demand Charge, for all kW in excess of 15 kW, per kW	\$ 4.29	\$ 4.17	(I)
Distribution Energy Charge, per kWh	2.699¢	2.623¢	(I)
Reactive Power Charge, per kvar	\$ 0.65	\$ 0.60	

**kW Load Size**

For determination of the Basic Charge and the Load Size Charge, the kW load size shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

**Minimum Charge**

The minimum monthly charge shall be the Basic Charge and the Load Size Charge. A higher minimum may be required under contract to cover special conditions.

**Reactive Power Charge**

The maximum 15-minute reactive demand for the month in kilovolt-amperes in excess of 40% of the measured kilowatt demand for the same month.

**Demand**

The kW shown by or computed from the readings of Company's demand meter for the 15-minute period of Consumer's greatest use during the month, determined to the nearest kW.

(continued)

**GENERAL SERVICE**  
**LARGE NONRESIDENTIAL 31 KW TO 200 KW**  
**DIRECT ACCESS DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To Large Nonresidential Consumers who have chosen to receive electricity from an ESS, and whose loads have not registered more than 200 kW, more than six times in the preceding 12-month period and as specified in the Company's Rules & Regulations, Rule 7.J. Deliveries at more than one point, or more than one voltage and phase classification, will be separately metered and billed. Service for intermittent, partial requirements, or highly fluctuating loads, or where service is seasonally disconnected during any one year period will be provided only by special contract for such service.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**

	<b><u>Delivery Voltage</u></b>		
	<b>Secondary</b>	<b>Primary</b>	
Basic Charge			
Load Size ≤ 50 kW, per month	\$ 20.00	\$ 26.00	(I)
Load Size 51-100 kW, per month	\$ 36.00	\$ 44.00	(R),(I)
Load Size 101 - 300 kW, per month	\$ 86.00	\$104.00	(R),(I)
Load Size > 300 kW, per month	\$123.00	\$150.00	(R),(I)
Load Size Charge			
≤ 50 kW, per kW Load Size	\$ 1.25	\$ 1.45	(I)
51-100 kW, per kW Load Size	\$ 1.00	\$ 1.20	(I)
101 – 300 kW, per kW Load Size	\$ 0.60	\$ 0.70	(I)
> 300 kW, per kW Load Size	\$ 0.40	\$ 0.40	(I)
Demand Charge, per kW	\$ 4.25	\$ 5.08	(R),(I)
Distribution Energy Charge, per kWh	0.407¢	0.083¢	(R),(I)
Reactive Power Charge, per kvar	\$ 0.65	\$ 0.60	

**kW Load Size**

For determination of the Basic Charge and the Load Size Charge, the kW load size shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

**Minimum Charge**

The minimum monthly charge shall be the Basic Charge and the Load Size Charge plus the Demand charge. A higher minimum may be required under contract to cover special conditions.

**Reactive Power Charge**

The maximum 15-minute reactive demand for the month in kilovolt-amperes in excess of 40% of the measured kilowatt demand for the same month.

(continued)



**GENERAL SERVICE  
 LARGE NONRESIDENTIAL 201 KW TO 999 KW  
 DIRECT ACCESS DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To Large Nonresidential Consumers who have chosen to receive electricity from an ESS, and whose loads have registered more than 200 kW, more than six times in the preceding 12-month period but have not registered 1,000 kW or more, more than once in the preceding 18-month period and who are not otherwise subject to service on Schedule 747 or 748. Deliveries at more than one point, or more than one voltage and phase classification, will be separately metered and billed. Service for intermittent, partial requirements, or highly fluctuating loads, or where service is seasonally disconnected during any one year period will be provided only by special contract for such service.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**

	<b><u>Delivery Voltage</u></b>		
	<b>Secondary</b>	<b>Primary</b>	
Basic Charge			
Load Size ≤ 200 kW, per month	\$529.00	\$514.00	(l)
Load Size 201 - 300 kW, per month	\$159.00	\$164.00	(l)
Load Size > 300 kW, per month	\$417.00	\$424.00	(l)
Load Size Charge			
≤ 200 kW, per kW Load Size	No Charge	No Charge	
201 – 300 kW, per kW Load Size	\$ 1.85	\$ 1.75	(l)
> 300 kW, per kW Load Size	\$ 0.90	\$ 0.90	(l)
Demand Charge, per kW	\$ 4.75	\$ 4.74	(l)
Reactive Power Charge, per kvar	\$ 0.65	\$ 0.60	

**kW Load Size**

For determination of the Basic Charge and the Load Size Charge, the kW load size shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

**Minimum Charge**

The minimum monthly charge shall be the Basic Charge and the Load Size Charge plus the Demand charge. A higher minimum may be required under contract to cover special conditions.

**Reactive Power Charge**

The maximum 15-minute reactive demand for the month in kilovolt-amperes in excess of 40% of the measured kilowatt demand for the same month.

**Demand**

The kW shown by or computed from the readings of Company's demand meter for the 15-minute period of Consumer's greatest use during the month, determined to the nearest kW, but not less than 100 kW.

(continued)



**AGRICULTURAL PUMPING SERVICE  
 DIRECT ACCESS DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To Consumers who have chosen to receive electricity from an ESS and desiring service for agricultural irrigation or agricultural soil drainage pumping installations only and whose loads have not registered 1,000 kW or more, more than once in the preceding 18-month period and who are not otherwise subject to service on Schedule 747 or 748. Service furnished under this Schedule will be metered and billed separately at each point of delivery.

**Monthly Billing**

Except for November, the Monthly Billing shall be the sum of the Distribution Energy Charge, Reactive Power Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90. For November, the billing shall be the sum of the Basic Charge, Load Size Charge, Distribution Energy Charge, Reactive Power Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**
**Delivery Voltage**

	<b>Secondary</b>	<b>Primary</b>	
Basic Charge (November billing only)	No Charge	No Charge	
Load Size ≤ 50 kW, or Single Phase Any Size	\$ 310.00	\$ 300.00	(R)
Three Phase Load Size 51 - 300 kW	\$1,220.00	\$1,190.00	(R)
Three Phase Load Size > 300 kW			
Load Size Charge (November billing only)			
Single Phase Any Size, Three Phase ≤ 50 kW, per kW Load Size	\$ 15.00	\$ 15.00	
Three Phase 51 - 300 kW, per kW Load Size	\$ 10.00	\$ 10.00	
Three Phase > 300 kW, per kW Load Size	\$ 6.00	\$ 6.00	
Single Phase, Minimum Charge	\$ 55.00	\$ 55.00	
Three Phase, Minimum Charge	\$ 95.00	\$ 90.00	
Distribution Energy Charge, per kWh	3.579¢	3.478¢	(R)
Reactive Power Charge, per kVar	\$ 0.65	\$ 0.60	

**kW Load Size**

For determination of the Basic Charge and the Load Size Charge, the kW load size shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

Monthly kW is the measured kW shown by or computed from the readings of Company's meter, or by appropriate test, for the 15-minute period of Consumer's greatest takings during the billing month; provided, however, that for motors 10 hp or less, the Monthly kW may, subject to confirmation by test, be determined from the nameplate hp rating and the following table:

<b>If Motor Size Is:</b>	<b>Monthly kW is:</b>
2 hp or less	2 kW
Over 2 through 3 hp	3 kW
Over 3 through 5 hp	5 kW
Over 5 through 7.5 hp	7 kW
Over 7.5 through 10 hp	9 kW

(continued)

**LARGE GENERAL SERVICE**  
**PARTIAL REQUIREMENTS 1,000 KW AND OVER**  
**DIRECT ACCESS DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

This Schedule is applicable to Consumers who have chosen to receive electricity from an ESS. To Large Nonresidential Consumers supplying all or some portion of their load by self-generation operating on a regular basis, requiring standby electric service from the Company where the Consumer's self-generation has both a total nameplate rating of 1,000 kW or greater and where standby electric service is required for 1,000 kW or greater. Consumers requiring standby electric service from the Company for less than 1,000 kW shall be served under the applicable general service schedule.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge and Reserves Charges plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

<u>Distribution Charge</u>	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>	
Basic Charge				
Facility Capacity ≤ 4,000 kW, per month	\$490.00	\$560.00	\$990.00	(I)
Facility Capacity > 4,000 kW, per month	\$920.00	\$1,000.00	\$1,830.00	(I)
Facilities Charge				
≤ 4,000 kW, per kW Facility Capacity	\$1.05	\$0.55	\$0.80	(R)
> 4,000 kW, per kW Facility Capacity	\$1.00	\$0.50	\$0.80	(R)
On-Peak Demand Charge, per kW	\$4.88	\$5.24	\$4.99	(I)
Reactive Power Charges				
Per kVar	\$0.65	\$0.60	\$0.55	
Per kVarh	\$0.0008	\$0.0008	\$0.0008	
 <u>Reserves Charges</u>				
Spinning Reserves				
per kW of Facility Capacity	\$0.27	\$0.27	\$0.27	
Spinning Reserves (with Company-approved Self-Supply Agreement)				
per kW of Self-Supplied Spinning Reserves	(\$0.27)	(\$0.27)	(\$0.27)	
Supplemental Reserves				
per kW of Facility Capacity	\$0.27	\$0.27	\$0.27	
Supplemental Reserves				
(with Company-approved load reduction plan or Self-Supply Agreement)				
per kW of approved load reduction kW	(\$0.27)	(\$0.27)	(\$0.27)	

(continued)

**LARGE GENERAL SERVICE 1,000 KW AND OVER**  
**DIRECT ACCESS DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

This Schedule is applicable to Consumers who have chosen to receive electricity from an ESS, to electric service loads which have registered 1,000 kW or more, more than once in a preceding 18-month period. This Schedule will remain applicable until Consumer fails to exceed 1,000 kW for a subsequent period of 36 consecutive months. Deliveries at more than one point, or more than one voltage and phase classification, will be separately metered and billed. Service for intermittent, partial requirements, or highly fluctuating loads, or where service is seasonally disconnected during any one-year period will be provided only by special contract for such service.

Partial requirements service for loads of 1,000 kW and over will be provided only by application of the provisions of Schedule 747.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

<u>Distribution Charge</u>	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>	
Basic Charge				
Facility Capacity ≤ 4000 kW, per month	\$490.00	\$560.00	\$990.00	(I)
Facility Capacity > 4000 kW, per month	\$920.00	\$1,000.00	\$1,830.00	(I)
Facilities Charge				
≤ 4000 kW, per kW Facility Capacity	\$1.05	\$0.55	\$0.80	(R)
> 4000 kW, per kW Facility Capacity	\$1.00	\$0.50	\$0.80	(R)
On-Peak Demand Charge, per kW	\$4.88	\$5.24	\$4.99	(I)
Reactive Power Charge, per kvar	\$0.65	\$0.60	\$0.55	

**Facility Capacity**

For determination of the Basic Charge and the Facilities Charge, the Facility Capacity shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

**Minimum Charge**

The minimum monthly charge shall be the Basic Charge and the Facilities Charge. A higher minimum may be required by contract.

(continued)

**STREET LIGHTING SERVICE COMPANY-OWNED SYSTEM  
 DIRECT ACCESS DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

This Schedule is applicable to Consumers who have chosen to receive electricity from an ESS. To unmetered lighting service provided to municipalities or agencies of municipal, county, state or federal governments for dusk to dawn illumination of public streets, highways and thoroughfares by means of Company owned, operated and maintained street lighting systems controlled by a photoelectric control or time switch.

**Monthly Billing**

The Monthly Billing shall be the rate per luminaire as specified in the rate tables below plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

<b>High Pressure Sodium Vapor</b>						
Lumen Rating	5,800*	9,500	16,000	22,000*	27,500	50,000
Watts	70	100	150	200	250	400
Monthly kWh	31	44	64	85	115	176
Functional Lighting	\$ 5.42	\$ 6.03	\$ 7.32	\$ 8.58	\$ 11.05	\$ 13.50
Decorative - Series 1	N/A	\$ 20.51	\$ 20.44	N/A	N/A	N/A
Decorative - Series 2	N/A	\$ 17.59	\$ 17.47	N/A	N/A	N/A

 (I)  
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 (I)

<b>Metal Halide – No New Service</b>				
Lumen Rating	9,000*	12,000*	19,500*	32,000*
Watts	100	175	250	400
Monthly kWh	39	68	94	149
Functional Lighting	N/A	\$ 14.30	\$ 16.03	\$ 15.44
Decorative - Series 1	\$ 20.64	\$ 22.01	N/A	N/A
Decorative - Series 2	\$ 19.00	\$ 19.01	N/A	N/A

 (I)  
 (I)  
 (I)

\*Existing fixtures only. Service is not available under this schedule to new 5,800 or 22,000 lumen High Pressure Sodium Vapor fixtures or Metal Halide fixtures of any size.

**Base Supply Service**

All Consumers taking Delivery Service under this schedule shall pay the applicable rates in Schedule 200, Base Supply Service.

**Transmission & Ancillary Services**

Consumers taking service under this Schedule must also take service under the Company's FERC Open Access Transmission Tariff (OATT) or be served by an ESS or Scheduling ESS.

(continued)

**STREET LIGHTING SERVICE  
COMPANY-OWNED SYSTEM - NO NEW SERVICE  
DIRECT ACCESS DELIVERY SERVICE**

**Available**

In all territory served by the Company (except Multnomah County) in the State of Oregon.

**Applicable**

This Schedule is applicable to Consumers who have chosen to receive electricity from an ESS. To service furnished by means of Company-owned installations, for the lighting of public streets, highways, alleys and parks under conditions and for street lights of sizes and types not specified on other schedules of this Tariff. Company may not be required to furnish service hereunder to other than municipal Consumers. This schedule is closed to new service beginning November 8, 2006.

**Monthly Billing**

For systems owned, operated and maintained by Company. The Monthly Billing shall be the Rate Per kWh below plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

A flat rate equal to one-twelfth of Company's estimated annual cost for operation, maintenance, fixed charges and depreciation applicable to the street lighting system, including energy costs as follows:

For dusk to dawn operation, per kWh	2.090¢	(l)
For dusk to midnight operation, per kWh	2.504¢	(l)

**Base Supply Service**

All Consumers taking Delivery Service under this schedule shall pay the applicable rates in Schedule 200, Base Supply Service.

**Transmission & Ancillary Services**

Consumers taking service under this schedule must also take service under the Company's FERC Open Access Transmission Tariff (OATT) or be served by an ESS or Scheduling ESS.

**Term of Contract**

Not less than five years for service to an overhead, or ten years to an underground, Company-owned system by written contract when unusual conditions prevail.

**Suspension of Service**

The Consumer may request temporary suspension of power for lighting by written notice. During such periods, the monthly rate will be reduced by Company's estimated average monthly relamping and energy costs for the luminaire. Company will not be required to reestablish such service under this rate schedule if service has been permanently discontinued by Consumer.

**Termination of Service**

Service furnished hereunder by means of incandescent and mercury-vapor lights is subject to termination by not less than sixty (60) days written notice given by Company to Consumer.

**Rules and Regulations**

Service under this Schedule is subject to the General Rules and Regulations contained in the tariff of which this Schedule is a part and to those prescribed by regulatory authorities.

**STREET LIGHTING SERVICE CONSUMER-OWNED SYSTEM  
 DIRECT ACCESS DELIVERY SERVICE**
**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

This Schedule is applicable to Consumers who have chosen to receive electricity from an ESS. To lighting service provided to municipalities or agencies of municipal, county, state or federal governments for dusk to dawn illumination of public streets, highways and thoroughfares by means of Consumer owned street lighting systems controlled by a photoelectric control or time switch.

**Monthly Billing**
**Energy Only Service - Rate per Luminaire**

Energy Only Service includes energy supplied from Company's overhead or underground circuits and does not include any maintenance to Consumer's facilities. Maintenance service will be provided only as indicated in the Maintenance Service section below.

The Monthly Billing shall be the rate per luminaire specified in the rate tables below plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

<b>High Pressure Sodium Vapor</b>						
Lumen Rating	5,800	9,500	16,000	22,000	27,500	50,000
Watts	70	100	150	200	250	400
Monthly kWh	31	44	64	85	115	176
Energy Only Service	\$ 1.33	\$ 1.88	\$ 2.74	\$ 3.64	\$ 4.92	\$ 7.54

(I)

<b>Metal Halide – No New Service</b>					
Lumen Rating	9,000*	12,000*	19,500*	32,000*	107,800*
Watts	100	175	250	400	1,000
Monthly kWh	39	68	94	149	354
Energy Only Service	\$ 1.67	\$ 2.91	\$ 4.03	\$ 6.38	\$ 15.16

(I)

\*Existing fixtures only. Service is not available under this schedule to new Metal Halide fixtures of any size.

For non-listed luminaires the cost will be calculated for 3940 annual hours of operation including applicable loss factors for ballasts and starting aids at the cost per kWh given below.

<b>Non-Listed Luminaire</b>	<b>¢/kWh</b>
Energy Only Service	4.282

(I)

**Maintenance Service (No New Service)**

Where the utility operates and maintains the system, a flat rate equal to one-twelfth the estimated annual cost for operation and maintenance will be added to the Energy Only Service rates listed above. Monthly Maintenance is only applicable for existing monthly maintenance service agreements in effect prior to May 24, 2006.

(continued)

**RECREATIONAL FIELD LIGHTING - RESTRICTED  
DIRECT ACCESS DELIVERY SERVICE**

**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

This Schedule is applicable to Consumers who have chosen to receive electricity from an ESS. To schools, governmental agencies and nonprofit organizations for service supplied through one meter at one point of delivery and used exclusively for annually recurring seasonal lighting of outdoor athletic or recreational fields. This Schedule is not applicable to any enterprise which is operated for profit. Service for purposes other than recreational field lighting may not be combined with such field lighting for billing purposes under this Schedule. At Consumer's option, service for recreational field lighting may be taken under Company's applicable General Service Schedule.

**Monthly Billing**

The Monthly Billing shall be the Distribution Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

**Distribution Charge**

Basic Charge, Single Phase, per month \$	6.00
Basic Charge, Three Phase, per month \$	9.00
Distribution Energy Charge, per kWh	4.360¢

(l)

**Minimum Charge**

The minimum monthly charge shall be the Basic Charge.

**Base Supply Service**

All Consumers taking Delivery Service under this schedule shall pay the applicable rates in Schedule 200, Base Supply Service.

**Transmission & Ancillary Services**

Consumers taking service under this schedule must also take service under the Company's FERC Open Access Transmission Tariff (OATT) or be served by an ESS or Scheduling ESS.

**Special Conditions**

Consumer shall own all poles, wire and other distribution facilities beyond the Company's point of delivery. Company will supply one transformer, or transformer bank, for each athletic or recreational field; any additional transformers required shall be supplied and owned by Consumer. All transformers owned by Consumer must be properly fused and of such types and characteristics as conform to Company's standards. When service is supplied to more than one transformer or transformer bank, Company may meter such an installation at primary voltage.

**Continuing Service**

This Schedule is based on continuing service at each service location. Disconnect and reconnect transactions shall not operate to relieve a Consumer from monthly minimum charges.

**Rules and Regulations**

Service under this Schedule is subject to the General Rules and Regulations contained in the tariff of which this Schedule is a part and to those prescribed by regulatory authorities.



**LARGE GENERAL SERVICE - PARTIAL REQUIREMENTS  
 SERVICE-ECONOMIC REPLACEMENT SERVICE RIDER  
 DIRECT ACCESS DELIVERY SERVICE**
**Purpose**

To provide Consumers served on Schedule 747 with the opportunity of purchasing Energy from an ESS to replace some or all of the Consumer's on-site generation when the Consumer deems it is more economically beneficial than self generating.

**Available**

In all territory served by the Company in Oregon. The Company may limit service to a Consumer if system reliability would be affected. The Company has no obligation to provide the Consumer with economic replacement service except as explicitly agreed to between Company and Consumer.

**Applicable**

This Schedule is applicable to Consumers who have chosen to receive electricity from an ESS. To Large Nonresidential Consumers receiving Delivery Service under Schedule 747.

**Character of Service**

Sixty-hertz alternating current of such phase and voltage as the Company may have available.

**Monthly Billing**

The following charges are in addition to applicable charges under Schedule 747 plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90:

	<u>Secondary</u>	<u>Delivery Voltage</u>		
		<u>Primary</u>	<u>Transmission</u>	
<b>Daily ERS Demand Charge</b>				
per kW of Daily ERS On-Peak Demand	\$0.190	\$0.204	\$0.194	(l)

**Transmission & Ancillary Services**

Consumers taking service under this schedule must also take service under the Company's FERC Open Access Transmission Tariff (OATT) or be served by an ESS or Scheduling ESS.

**ERS and ENF**

Economic Replacement Service (ERS) is Electricity supplied by an ESS to meet an Energy Needs Forecast (ENF) pursuant to an Economic Replacement Service Agreement (ERSA).

(continued)