



**Portland General Electric**  
121 SW Salmon Street • Portland, OR 97204  
portlandgeneral.com

April 29, 2022

Public Utility Commission of Oregon  
Attn: Filing Center  
201 High Street, SE, Suite 100  
P.O. Box 1088  
Salem, OR 97308-1088

**RE: Advice No. 22-08, UE 394 General Rate Case Compliance Filing**

Portland General Electric Company (PGE) submits this filing pursuant to Oregon Revised Statutes (ORS) 757.205 and 757.210 and Oregon Administrative Rules (OARs) 860-022-0025 and 860-022-0030 for filing proposed tariff sheets associated with Tariff P.U.C. No. 18, with an effective date of **May 9, 2022**:

Thirty Seventh Revision of Sheet No. 1-3  
Nineteenth Revision of Sheet No. 7-1  
Eleventh Revision of Sheet No. 7-2  
Thirteenth Revision of Sheet No. 7-3  
Eighth Revision of Sheet No. 7-4  
Fourteenth Revision of Sheet No. 15-1  
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PGE hereby withdraws the following tariff in its entirety as Residential Deposits are ceasing.

Second Revision of Sheet No. 310-1

The following Sheets are also removed due to pagination.

First Revision of Sheet No. E-11  
Original Sheet No. E-12

This Compliance filing is submitted pursuant to OPUC Order No. 22-129 in Docket No. UE 394.

To satisfy the requirements of OARs 860-022-0025(2), and 860-022-0030 PGE provides the following responses:

The base rate change in revenues is an increase of approximately \$10 million for the 918,600 (2022 average) customers resulting in a base rate increase of 0.5%. The overall net change in prices when including the effect of all changes in supplemental schedules is an increase of approximately \$18.4 million or 0.9%. A typical Schedule 7 customer consuming 780 kWh monthly will see a bill increase of \$4.36 or 4.0%.

Included in this filing as Exhibit A is the final UE 394 revenue requirement summary.

Work papers supporting the calculation of prices changes are attached as follows:

A: Billing Comparisons for major rate schedules

B: Rate Spread/Rate Design and other work papers

Should you have any questions or comments regarding this filing, please contact me at (503) 464-8954 or Teresa Tang at [teresa.tang@pqn.com](mailto:teresa.tang@pqn.com) Please direct your communications related to this filing to the following email address: [pge.opuc.filings@pqn.com](mailto:pge.opuc.filings@pqn.com)

Sincerely,

*\s\ Robert Macfarlane*

Robert Macfarlane  
Manager, Pricing & Tariffs

Enclosures

cc: Service List – UE 394

**PORTLAND GENERAL ELECTRIC COMPANY  
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## SCHEDULE 7 RESIDENTIAL SERVICE

### PURPOSE

This schedule provides Standard and Optional Service choices for residential customers. Optional Services include a time of use (TOU) portfolio option, Peak Time Rebate, and Green Future<sup>SM</sup> renewable portfolio options.

### AVAILABLE

In all territory served by the Company.

### APPLICABLE

To Residential Customers.

### DEFINITIONS

Peak Time Rebate (PTR) Program – Customers choosing the PTR program are eligible to receive a rebate for reducing Energy use during Company-called events, relative to each Customer's baseline Energy use, as determined by the Company. See details below.

### ENERGY PRICE PLANS (DEFAULT PLAN AND TIME-OF-USE PORTFOLIO OPTION)

#### RESIDENTIAL SERVICE PRICE PLAN (DEFAULT PLAN)

This default plan is provided to Residential Customers who do not choose the TOU Portfolio option price plan.

#### ***Monthly Rate***

The default plan is priced as the totals of the following charges per Service Point (SP)\*, \*\*:

<u>Basic Charge</u>			
Single-Family Home	\$11.00		(C)
Multi-Family Home	\$8.00		(N)
<u>Transmission and Related Services Charge</u>	0.585	¢ per kWh	(I)
<u>Distribution Charge</u>	5.420	¢ per kWh	(I)
<u>Energy Charge**</u>			
First 1,000 kWh	6.642	¢ per kWh	(I)
Over 1,000 kWh	7.002	¢ per kWh	(R)

\* See Schedule 100 for applicable adjustments.

\*\* As defined in Section Rule B of this tariff.

**SCHEDULE 7 (Continued)**

ENERGY PRICE PLANS: DEFAULT PLAN (Continued)

***Peak Time Rebate Event Participation***

Residential Customers on the default plan can also enroll and participate in PTR events. This option is available for enrollment to the first 160,000 Residential Customers. Customer enrollment will close once the program has 160,000 Residential Customers.

Monthly Rate

Customers on the default plan plus PTR will pay the default plan monthly rate – which includes Basic Charge, transmission and related services, and distribution charges. Energy Charges may also include the following PTR credit:

PTR Credit	100.00	¢ per kWh
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To receive the PTR Credit, the Customer must reduce Energy use during a PTR Event. Such event will be a two- to five-consecutive-hour window between the hours of 7:00 AM to 11:00 AM or 3:00 PM to 8:00 PM. Events will not be called on holidays. Holidays are New Year's Day on January 1; Memorial Day, the last Monday in May; Independence Day on July 4; Labor Day, the first Monday in September; Thanksgiving Day, the fourth Thursday in November; and Christmas Day on December 25. If a holiday falls on a Saturday, the preceding Friday will be designated the holiday. If a holiday falls on a Sunday, the following Monday will be designated the holiday.

The PTR program has two event seasons: summer (the successive calendar months of June through September) and winter (successive calendar months of November through February). The Company will call PTR events only in event seasons. Prior to each season, the Company will remind the enrolled Customers that they are on the program, that they may participate in PTR events, and ways to be successful.

The Company initiates PTR events with an event notification to participating Customers the day prior to the PTR event. Participating Customers must choose at least one method for receipt of notification: email, text, or another available option. The Company will not call PTR events for more than two consecutive days. Reasons for calling events may include but are not limited to: Energy load forecasted to be in the top 1% of annual load hours, forecasted temperature above 90 or below 32, expected high generation heat rates and market power prices, and/or forecasted low or transitioning wind generation.

Special Conditions Related to Peak Time Rebate Options

1. To be eligible for a PTR credit, the Customer must agree to receive PTR notifications.
2. The Customer may unsubscribe from the PTR event notification at any time. If the Customer unsubscribes, they will receive credit only for those events for which they are enrolled and receive notifications.

(M)  
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**SCHEDULE 7 (Continued)**

ENERGY PRICE PLANS: DEFAULT PLAN (Continued)

Special Conditions Related to Peak Time Rebate Options (Continued)

(T) |  
(M)

3. The PTR incentive may be provided in an on-bill credit on the Customer's next monthly billing statement or by check at the next billing statement after the event season ends.
4. Customers enrolled in Schedule 5 Direct Load Control are not eligible to participate in PTR on this schedule.
5. Customers with interconnected energy storage are only eligible for this schedule if the energy storage system is controlled by the Company and not the Customer.
6. The Company will defer and seek recovery of all PTR costs not otherwise included in rates.

TIME-OF-USE PORTFOLIO OPTION (WHOLE PREMISES OR ELECTRIC VEHICLE CHARGING) (Enrollment is necessary)

This option provides TOU pricing for transmission and related services, distribution and energy\*.

**Monthly Rate**

<u>Basic Charge</u>			
Single-Family Home	\$11.00		(C)
Multi-Family Home	\$8.00		(N)
 <u>On-Peak Charge</u>			
Transmission and Related Services	32.800	¢ per kWh	(I)
Distribution	1.800	¢ per kWh	
Energy	15.500	¢ per kWh	
	15.500	¢ per kWh	
 <u>Mid-Peak Charge</u>			
Transmission and Related Services	11.900	¢ per kWh	(I)
Distribution	0.520	¢ per kWh	
Energy	5.300	¢ per kWh	
	6.080	¢ per kWh	
 <u>Off-Peak Charge</u>			
Transmission and Related Services	7.430	¢ per kWh	(I)
Distribution	0.280	¢ per kWh	
Energy	2.700	¢ per kWh	
	4.450	¢ per kWh	
Over 1,000 kWh block adjustment**	0.360	¢ per kWh	(R)

\* See Schedule 100 for applicable adjustments.

\*\* Not applicable to separately metered Electric Vehicle (EV) TOU option.



**SCHEDULE 7 (Continued)**

ENERGY PRICE PLANS: TOU PORTFOLIO OPTION (Continued)

***On- and Off-Peak Hours***

On-Peak	5:00 p.m. to 9:00 p.m. Monday-Friday
Mid-Peak	7:00 a.m. to 5:00 p.m. Monday-Friday;
Off-Peak	9:00 p.m. to 7:00 a.m. Monday-Friday; All day. Saturday, Sunday and holidays

Note: For Customers with Non-Network Meters, the time periods set forth 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. Customers with Network Meters will observe the regular daylight-saving schedule.

Holidays are as follows: New Year's Day on January 1; Memorial Day, the last Monday in May; Independence Day on July 4; Labor Day, the first Monday in September; Thanksgiving Day, the fourth Thursday in November; and Christmas Day on December 25. If a holiday falls on a Saturday, the preceding Friday will be designated the holiday. If a holiday falls on a Sunday, the following Monday will be designated the holiday.

**LEGACY TIME-OF-USE PORTFOLIO OPTION (WHOLE PREMISES OR ELECTRIC VEHICLE CHARGING)**

This option provides TOU pricing for transmission and related services, distribution and Energy\*.

***Monthly Rate***

<u>Basic Charge</u>			
Single-Family Home	\$11.00		(C)
Multi-Family Home	\$8.00		(N)
<u>On-Peak Charge</u>			
Transmission and Related Services	22.215		(C)
Distribution	0.960	¢ per kWh	(I)
Energy	8.888	¢ per kWh	(I)
	12.367	¢ per kWh	(R)
<u>Mid-Peak Charge</u>			
Transmission and Related Services	16.850		(C)
Distribution	0.960	¢ per kWh	(I)
Energy	8.888	¢ per kWh	(I)
	7.002	¢ per kWh	(R)
<u>Off-Peak Charge</u>			
Transmission and Related Services	4.123		(C)
Distribution	0.000	¢ per kWh	
Energy	0.000	¢ per kWh	
	4.123	¢ per kWh	(R)
First 1,000 kWh block adjustment**	(0.360)	¢ per kWh	(R)

\* See Schedule 100 for applicable adjustments.

\*\* Not applicable to separately metered Electric Vehicle (EV) TOU option.

**SCHEDULE 15  
OUTDOOR AREA LIGHTING  
STANDARD SERVICE  
(COST OF SERVICE)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Customers for outdoor area lighting.

**CHARACTER OF SERVICE**

Lighting services, which consist of the provision of Company-owned luminaires mounted on Company-owned poles, in accordance with Company specifications as to equipment, installation, maintenance and operation.

The Company will replace lamps on a scheduled basis. Subject to the Company's operating schedules and requirements, the Company will replace individual burned-out lamps as soon as reasonably possible after the Customer notifies the Company of the burn-out.

**MONTHLY RATE**

Included in the service rates for each installed luminaire are the following pricing components:

<u>Transmission and Related Services Charge</u>	0.441	¢ per kWh	(I)
<u>Distribution Charge</u>	5.677	¢ per kWh	(R)
<u>Cost of Service Energy Charge</u>	5.175	¢ per kWh	(I)

**SCHEDULE 15 (Continued)**

MONTHLY RATE (Continued)

Rates for Area Lighting

<u>Type of Light</u>	<u>Watts</u>	<u>Lumens</u>	<u>Monthly kWh</u>	Monthly Rate <sup>(1)</sup> <u>Per Luminaire</u>	
Cobrahead Mercury Vapor	175	7,000	66	\$12.13 <sup>(2)</sup>	(R)
	400	21,000	147	21.77 <sup>(2)</sup>	(I)
	1,000	55,000	374	47.34 <sup>(2)</sup>	(R)
HPS	70	6,300	30	8.38 <sup>(2)</sup>	(I)
	100	9,500	43	9.53	(I)
	150	16,000	62	11.74	(R)
	200	22,000	79	14.12	(R)
	250	29,000	102	16.30	(R)
	310	37,000	124	18.98 <sup>(2)</sup>	(I)
	400	50,000	163	23.39	(R)
Flood, HPS	100	9,500	43	9.58 <sup>(2)</sup>	(R)
	200	22,000	79	14.99 <sup>(2)</sup>	(I)
	250	29,000	102	17.70	(I)
	400	50,000	163	24.59	(I)
Shoebox, HPS (bronze color, flat lens or drop lens, multi-volt)	70	6,300	30	8.66	(R)
	100	9,500	43	10.61	(R)
	150	16,500	62	13.16	(R)
Special Acorn Type, HPS	100	9,500	43	13.63	(I)
HADCO Victorian, HPS	150	16,500	62	15.77	(I)
	200	22,000	79	18.02	(I)
	250	29,000	102	20.53	(I)
Early American Post-Top, HPS Black	100	9,500	43	10.48	(I)

(1) See Schedule 100 for applicable adjustments.

(2) No new service.

**SCHEDULE 15 (Continued)**

MONTHLY RATE (Continued)  
Rates for Area Lighting (Continued)

<u>Type of Light</u>	<u>Watts</u>	<u>Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate Per Luminaire<sup>(1)</sup></u>	
Special Types					
Cobrahead, Metal Halide	150	10,000	60	\$11.90	(R)
	175	12,000	71	13.40	(R)
Flood, Metal Halide	350	30,000	139	22.95	(I)
	400	40,000	156	23.06	(R)
Flood, HPS	750	105,000	285	40.97	(R)
HADCO Independence, HPS	100	9,500	43	14.80	(I)
					(D)
HADCO Capitol Acorn, HPS	100	9,500	43	17.58	(I)
					(D)
	200	22,000	79	21.91	(I)
	250	29,000	102	15.26	(R)
HADCO Techtra, HPS	100	9,500	43	21.93	(I)
	150	16,000	62	24.88	(I)
					(D)
HADCO Westbrooke, HPS	70	6,300	30	15.43	(I)
	100	9,500	43	17.05	(I)
					(D)
	250	29,000	102	22.19	(R)
Holophane Mongoose, HPS	150	16,000	62	18.02	(I)

(1) See Schedule 100 for applicable adjustments.

**SCHEDULE 15 (Continued)**

MONTHLY RATE (Continued)  
Rates for LED Area Lighting

<u>Type of Light</u>	<u>Watts</u>	<u>Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate Per Luminaire<sup>(1)</sup></u>	
Acorn LED	>35-40	3,262	13	\$13.81	(C)
	>40-45	3,500	15	14.03	
	>45-50	5,488	16	12.01	
	>50-55	4,000	18	14.37	
	>55-60	4,213	20	14.60	
	>60-65	4,273	21	14.71	
	>65-70	4,332	23	14.91	
	>70-75	4,897	25	15.16	
HADCO LED	70	5,120	24	19.23	(C)
Roadway LED	>20-25	3,000	8	5.49	(C)
	>25-30	3,470	9	5.61	
	>30-35	2,530	11	6.10	
	>35-40	4,245	13	6.06	
	>40-45	5,020	15	6.41	
	>45-50	3,162	16	6.64	
	>50-55	3,757	18	7.12	
	>55-60	4,845	20	6.98	
	>60-65	4,700	21	7.09	
	>65-70	5,050	23	7.91	
	>70-75	7,640	25	8.17	
	>75-80	8,935	26	8.29	
	>80-85	9,582	28	8.51	
	>85-90	10,230	30	8.74	
	>90-95	9,928	32	8.96	
	>95-100	11,719	33	9.08	
	>100-110	7,444	36	9.77	
	>110-120	12,340	39	9.75	
	>120-130	13,270	43	10.21	
	>130-140	14,200	46	11.49	
>140-150	15,250	50	12.92		
>150-160	16,300	53	13.26		
>160-170	17,300	56	13.59		
>170-180	18,300	60	13.94		
>180-190	19,850	63	14.38		
>190-200	21,400	67	15.05	(C)	

(1) See Schedule 100 for applicable adjustments.

**SCHEDULE 15 (Continued)**

MONTHLY RATE (Continued)  
Rates for LED Area Lighting (Continued)

<u>Type of Light</u>	<u>Watts</u>	<u>Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate Per Luminaire<sup>(1)</sup></u>	
Pendant LED (Non-Flare)	36	3,369	12	\$15.19	(C)
	53	5,079	18	16.64	
	69	6,661	24	17.44	
	85	8,153	29	18.57	
Pendant LED (Flare)	>35-40	3,369	13	15.46	(C)
	>40-45	3,797	15	15.68	
	>45-50	4,438	16	15.80	
	>50-55	5,079	18	17.14	
	>55-60	5,475	20	17.37	
	>60-65	6,068	21	17.48	
	>65-70	6,661	23	18.48	
	>70-75	7,034	25	18.70	
	>75-80	7,594	26	19.01	
>80-85	8,153	28	19.23		
CREE XSP LED	>20-25	2,529	8	5.34	(C)(M)
	>30-35	4,025	11	5.68	
	>40-45	3,819	15	6.13	
	>45-50	4,373	16	6.50	
	>55-60	5,863	20	6.74	
	>65-70	9,175	23	7.43	
	>90-95	8,747	32	8.44	
	>130-140	18,700	46	11.83	

(1) See Schedule 100 for applicable adjustments.

**SCHEDULE 15 (Continued)**

MONTHLY RATE (Continued)  
Rates for LED Area Lighting (Continued)

<u>Type of Light</u>	<u>Watts</u>	<u>Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate Per Luminaire<sup>(1)</sup></u>	
Post-Top, American Revolution LED	>30-35	3,395	11	\$7.63	(C)(M)
	>45-50	4,409	16	8.55	
Flood LED	>80-85	10,530	28	9.58	(C)(M)
	>120-130	16,932	43	11.81	
	>180-190	23,797	63	15.13	
	>370-380	48,020	127	26.85	

Rates for Area Light Poles<sup>(2)</sup>

<u>Type of Pole</u>	<u>Pole Length (feet)</u>	<u>Monthly Rate Per Pole</u>	
Wood, Standard	35 or less	\$5.96	(I)(M)
	40 to 55	7.07	(I)
Wood, Painted for Underground	35 or less	5.96 <sup>(3)</sup>	(I)
Wood, Curved Laminated	30 or less	7.09 <sup>(3)</sup>	(I)
Aluminum, Regular	16	4.56	(R)
	25	8.51	(R)
	30	9.82	(R)
	35	11.43	(R)
Aluminum, Fluted Ornamental	14	8.20	(R)
Aluminum, Fluted Ornamental	16	8.52	(R) (D)

(1) See Schedule 100 for applicable adjustments.  
(2) No pole charge for luminaires placed on existing Company-owned distribution poles.  
(3) No new service.

(M)

**SCHEDULE 15 (Continued)**

(T)

MONTHLY RATE (Continued)

Rates for Area Light Poles<sup>(1)</sup>

<u>Type of Pole</u>	<u>Pole Length (feet)</u>	<u>Monthly Rate Per Pole</u>		
Aluminum Davit	25	\$9.11	(R)(M)	
	30	10.30	(R)	
	35	11.83	(R)	
	40	15.22	(R)	
Aluminum Double Davit	30	11.47	(R)	
Aluminum, Smooth Techtra Ornamental	18	18.03	(R)	
Aluminum, Fluted Ornamental	18	16.92	(R)(C)	
Aluminum, Non-fluted Ornamental, Pendant	22	16.81	(R)(C)	
Fiberglass Fluted Ornamental; Black	14	11.01	(R)	
Fiberglass, Regular				
	Black	20	4.94	(I)
	Gray or Bronze	30	8.03	(I)
Black, Gray, or Bronze	35	7.90	(I)	
Fiberglass, Anchor Base, Gray or Black	35	10.89	(R)	
Fiberglass, Anchor Base (Color may vary)	25	11.46	(I)	
	30	15.55	(I)	
Fiberglass, Direct Bury with Shroud	18	6.70	(R)(M)	
Aluminum, Regular with Breakaway Base	35	16.90	(N)	
Aluminum, Double-Arm, Smooth Ornamental	25	13.82	(N)	

**INSTALLATION CHARGE**

(M)

See Schedule 300 regarding the installation of conduit on wood poles.

**ADJUSTMENTS**

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

(1) No pole charge for luminaires placed on existing Company-owned distribution poles.

(M)



**SCHEDULE 15 (Concluded)**

**SPECIAL CONDITIONS**

1. The Company may periodically 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 or the Company will file with the Commission to add the luminaire type to this rate schedule.
2. Maintenance of outdoor area lighting poles includes replacement of accidentally or deliberately damaged poles and luminaires. If damage occurs more than two times in any 12-month period measured from the first incidence of damage that requires replacement, the Customer will pay for future installations or may mutually agree with the Company and pay to have the pole either completely removed or relocated.
3. Electricity delivered to the Customer under this schedule may not be resold by the Customer.
4. If Company-owned area lighting 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. This condition applies if a Customer's selection of service under this Schedule requires the removal of Company-owned area lighting equipment or poles.

(M)

(M)

**TERM**

Service under this schedule will not be for less than one year.

### SCHEDULE 26 (Continued)

#### LINE LOSSES

Losses will be included by multiplying the applicable price by the following adjustment factors:

Subtransmission Delivery Voltage	1.0416	(I)
Primary Delivery Voltage	1.0530	(I)
Secondary Delivery Voltage	1.0640	(R)

#### LOAD REDUCTION MEASUREMENT

Load reduction is measured as a reduction of Demand from a customer baseline load calculation during each hour of the Load Reduction Event. Although the Agreement shall specify the customer baseline load calculation methodology to be used, PGE generally uses the following baseline methodology:

##### Baseline Load Profile

The Baseline Load Profile is based upon the average hourly load of the five highest load days in the last ten Typical Operational Days for the event season period. For Customers choosing the four-hour or 10-minute notification options there is an adjustment to the amounts above to reflect the day-of operational characteristics leading up to the Event if the Event starts at 11 am or later. This adjustment is the difference between the Event day load and the average load of the five highest days used in the load profile above during the two-hour period ending four hours prior to the start of the Event.

##### Typical Operational Days

Typical Operational Days exclude days that a Customer has participated in a Firm Load Reduction Event or pre-scheduled opt-out days as defined in the Special Conditions. Typical Operational Days for the baseline calculation are defined as the ten applicable days closest to the Load Reduction Event. Typical Operational Days may include or exclude Saturdays, Sundays and Western Electricity Coordinating Council (WECC) holidays.

The Company may decline the Customer's enrollment application when the Company determines the Customer's energy usage is highly variable and the Company is not able to verify that a reduction will be made when called upon.

#### LOAD REDUCTION EVENT

The Company, at its discretion, initiates a Load Reduction Event by providing the participating Customer with the appropriate notification consistent with the Customer's selected Firm Load Reduction Option. The Customer reduces its Demand served by the Company, for each hour of the Load Reduction Event to achieve its Committed Load Reduction. Each Load Reduction Event will last from one to five hours in duration and the Company will call at least one event per season.

The Company initiates Load Reduction Events during the Events Season.

**SCHEDULE 32  
SMALL NONRESIDENTIAL  
STANDARD SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Small Nonresidential Customers. A Small Nonresidential Customer is a Customer that has not exceeded 30 kW more than once within the preceding 13 months, or with seven months or less of service has not exceeded 30 kW.

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

Basic Charge

Single Phase Service	\$20.00
Three Phase Service	\$29.00

Transmission and Related Services Charge

0.471 ¢ per kWh (I)

Distribution Charge

First 5,000 kWh	5.217 ¢ per kWh	(I)
Over 5,000 kWh	1.389 ¢ per kWh	(R)

Energy Charge Options

Standard Service 5.798 ¢ per kWh (R)

or

Time-of-Use (TOU) Portfolio (enrollment is necessary)

On-Peak Period 10.150 ¢ per kWh (R)

Mid-Peak Period 5.798 ¢ per kWh |

Off-Peak Period 3.385 ¢ per kWh (R)

\* See Schedule 100 for applicable adjustments.

### SCHEDULE 32 (Continued)

#### TIME OF USE PORTFOLIO OPTION

##### On- and Off-Peak Hours\*

Summer Months (begins May 1st of each year)	
On-Peak	3:00 p.m. to 8:00 p.m. Monday-Friday
Mid-Peak	6:00 a.m. to 3:00 p.m. and 8:00 p.m. to 10:00 p.m. Monday-Friday; 6:00 a.m. to 10:00 p.m. Saturday
Off-Peak	10:00 p.m. to 6:00 a.m. all days; 6:00 a.m. to 10:00 p.m. Sunday and Holidays**
Winter Months (begins November 1st of each year)	
On-Peak	6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 8:00 p.m. Monday-Friday
Mid-Peak	10:00 a.m. to 5:00 p.m. and 8:00 p.m. to 10:00 p.m. Monday-Friday; 6:00 a.m. to 10:00 p.m. Saturday
Off-Peak	10:00 p.m. to 6:00 a.m. all days; 6:00 a.m. to 10:00 p.m. Sunday and Holidays**

\* The time periods set forth 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. Customers with AMI meters will observe the regular daylight saving schedule.

\*\* Holidays are New Year's Day (January 1), Memorial Day (last Monday in May), Independence Day (July 4), Labor Day (first Monday in September), Thanksgiving Day (fourth Thursday in November), and Christmas Day (December 25). If a holiday falls on Saturday, Friday is designated a TOU holiday. If a holiday falls on Sunday, the following Monday is designated a TOU holiday.

#### DAILY PRICE

The Daily Price, applicable with Direct Access Service, is available to those Customers who were served under Schedule 532 and subsequently returned to this schedule before meeting the minimum term requirement of Schedule 532. The Customer will be charged the Daily Price charge of this schedule until the term requirement of Schedule 532 is met.

The Daily Price will consist of:

- the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Firm Index)
- plus 0.305¢ per kWh for wheeling
- times a loss adjustment factor of 1.0640

(R)  
(R)

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. Prices reported with no transaction volume or as "survey-based" will be considered reported.

Peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

**SCHEDULE 38  
LARGE NONRESIDENTIAL OPTIONAL TIME-OF-DAY  
STANDARD SERVICE  
(COST OF SERVICE)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

This optional schedule is applicable to Large Nonresidential Customers: 1) served at Secondary Demand Voltage whose Demand has not exceeded 200 kW more than six times in the preceding 13 months and has not exceeded 4,000 kW more than once in the preceding 13 months, or with seven months or less of service has not had a Demand exceeding 4,000 kW; or 2) who were receiving service on Schedule 38 as of December 31, 2015.

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

<u>Basic Charge</u>	\$30.00		
<u>Transmission and Related Services Charge</u>	0.415	¢ per kWh	(I)
<u>Distribution Charge</u>	7.760	¢ per kWh	(I)
<u>Energy Charge*</u>			
On-Peak Period	6.027	¢ per kWh	(R)
Off-Peak Period	4.527	¢ per kWh	(R)

\* See Schedule 100 for applicable adjustments.

\*\* On-peak Period is Monday-Friday, 7:00 a.m. to 8:00 p.m. off-peak Period is Monday-Friday, 8:00 p.m. to 7:00 a.m.; and all day Saturday and Sunday.

**MINIMUM CHARGE**

The Minimum Charge will be the Basic Charge. In Addition, the Company may require the Customer to execute a written agreement specifying a higher Minimum Charge if necessary, to justify the Company's investment in service facilities.

**REACTIVE DEMAND**

In addition to the Monthly Rate, the Customer will pay 50¢ for each kilovolt-ampere of Reactive Demand in excess of 40% of the maximum Demand. Such charge is separate from and in addition to the Minimum Charge specified.

### SCHEDULE 38 (Continued)

#### DIRECT ACCESS DEFAULT SERVICE

A Customer returning to Schedule 38 service before completing the term of service specified in Schedule 538, must be billed at the Daily Price for the remainder of the term. This provision does not eliminate the requirement to receive service on Schedule 81 when notice is insufficient. The Daily Price under this schedule is as follows:

Daily Price Option - The Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Firm Index) plus 0.305¢ 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. Prices reported with no transaction volume or as "survey-based" will be considered reported. To begin service under this option, the Customer will notify the Company by the close of the November Election Window or for eligible Customers, the close of a Balance-of-Year Election Window. (R)

Losses will be included by multiplying the above applicable Energy Charge Option by the following adjustment factors:

Secondary Delivery Voltage	1.0640	(R)
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#### PLUG-IN ELECTRIC VEHICLE (EV) TIME OF DAY OPTION

A large Nonresidential Customer wishing to charge EV's may do so either as part of an integrated service or as a separately metered service billed under the TOU Option. In such cases, the applicable Basic, Transmission and Related Services, and Distribution charges will apply to the separately metered service as will all other adjustments applied to this schedule.

If the Customer chooses separately metered service for EV charging, the service shall be used for the sole and exclusive purpose of all EV charging. The Customer, at its expense, will install all necessary and required equipment to accommodate the second metered service at the premises. Such service must be metered with a network meter as defined in Rule B (30) for the purpose of load research, and to collect and analyze data to characterize electric vehicle use in diverse geographic dynamics and evaluate the effectiveness of the charging station infrastructure.

#### ADJUSTMENTS

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

**SCHEDULE 47  
SMALL NONRESIDENTIAL  
IRRIGATION AND DRAINAGE PUMPING  
STANDARD SERVICE  
(COST OF SERVICE)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Small Nonresidential Customers for irrigation and drainage pumping; may include other incidental service if an additional meter would otherwise be required. A Small Nonresidential Customer is a Customer that has not exceeded 30 kW more than once within the preceding 13 months, or with seven months or less of service has not exceeded 30 kW.

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

<u>Basic Charge</u>				
Summer Months**	\$37.00			
Winter Months**	No Charge			
<u>Transmission and Related Services Charge</u>	0.475	¢ per kWh		(I)
<u>Distribution Charge</u>				
First 50 kWh per kW of Demand***	12.788	¢ per kWh		(I)
Over 50 kWh per kW of Demand	10.788	¢ per kWh		(I)
<u>Energy Charge</u>	6.434	¢ per kWh		(R)

\* See Schedule 100 for applicable adjustments.

\*\* Summer Months and Winter Months commence with meter readings as defined in Rule B.

\*\*\* For billing purposes, the Demand will not be less than 10 kW.

**MINIMUM CHARGE**

The Minimum Charge will be the Basic Charge. In addition, the Company may require the Customer to execute a written agreement specifying a higher Minimum Charge if necessary, to justify the Company's investment in service facilities.

**SCHEDULE 49  
LARGE NONRESIDENTIAL  
IRRIGATION AND DRAINAGE PUMPING  
STANDARD SERVICE  
(COST OF SERVICE)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Large Nonresidential Customers for irrigation and drainage pumping; may include other incidental service if an additional meter would otherwise be required. A Large Nonresidential Customer is defined as having a monthly Demand exceeding 30 kW at least twice within the preceding 13 months, or with seven months or less of service having exceeding 30 kW once.

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

<u>Basic Charge</u>			
Summer Months**	\$45.00		
Winter Months**	No Charge		
<u>Transmission and Related Services Charge</u>	0.478	¢ per kWh	(I)
<u>Distribution Charge</u>			
First 50 kWh per kW of Demand***	9.937	¢ per kWh	(I)
Over 50 kWh per kW of Demand	7.937	¢ per kWh	(I)
<u>Energy Charge</u>	6.586	¢ per kWh	(R)

\* See Schedule 100 for applicable adjustments.

\*\* Summer Months and Winter Months commence with meter readings as defined in Rule B.

\*\*\* For billing purposes, the Demand will not be less than 30 kW.

**MINIMUM CHARGE**

The Minimum Charge will be the Basic Charge. In addition, the Company may require the Customer to execute a written agreement specifying a higher Minimum Charge if necessary, to justify the Company's investment in service facilities.



**SCHEDULE 75  
PARTIAL REQUIREMENTS SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Large Nonresidential Customers supplying all or some portion of their load by self-generation operating on a regular basis, where the self-generation has a total nameplate rating of 2 MW or greater. A Large Nonresidential Customer is a Customer that has exceeded 30 kW at least twice within the preceding 13 months, or with seven months or less of service has had a Demand exceeding 30 kW.

**MONTHLY RATE**

The sum of the following charges at the applicable Delivery Voltage per Service Point (SP)\*:

	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>	\$5,290.00	\$3,640.00	\$5,580.00	(I)
<u>Transmission and Related Services Charge</u> per kW of monthly On-Peak Demand	\$1.77	\$1.75	\$1.72	(I)
<u>Distribution Charges</u> The sum of the following: per kW of Facility Capacity				
First 4,000 kW	\$1.33	\$1.32	\$1.32	(R)
Over 4,000 kW	\$1.02	\$1.01	\$1.01	(R)
per kW of monthly On-Peak Demand	\$1.47	\$1.46	\$0.46	(R)
<u>Generation Contingency Reserves Charges</u> Spinning Reserves per kW of Reserved Capacity > 2,000 kW	\$0.234	\$0.234	\$0.234	
Supplemental Reserves per kW of Reserved Capacity > 2,000 kW	\$0.234	\$0.234	\$0.234	
<u>System Usage Charge</u> per kWh	0.224 ¢	0.223 ¢	0.221 ¢	(I)
<u>Energy Charge</u> per kWh	See Energy Charge Below			

\* See Schedule 100 for applicable adjustments.

## SCHEDULE 75 (Continued)

### ENERGY CHARGE (Continued)

#### Baseline Energy (Continued)

If other than the typical operations are used to determine Baseline Energy, the Customer and the Company must agree on the Baseline Energy before the Customer may take service under this schedule. The Company may require use of an alternate method to determine the Baseline Energy when the Customer's usage not normally supplied by its generator is highly variable.

Baseline Energy will be charged at the applicable Energy Charge, including adjustments, under Schedule 89. All Energy Charge options included in Schedule 89 are available to the Customer on Schedule 75 based on the terms and conditions under Schedule 89. For Energy supplied in excess of Baseline Energy, the Scheduled Maintenance Energy and/or Unscheduled Energy charges will apply except for Energy supplied pursuant to Schedule 76R.

Any Energy Charge option for Baseline Energy selected by a Customer will remain in effect and continue to be the default option until the Customer has given the required notice to change the applicable Energy Charge Option. To change options, Customers must give notice as specified for that option and must complete the specified term of their current option. The Cost of Service Option will be the default for Customers or new Customers who have not selected another option or Direct Access Service.

#### Scheduled Maintenance Energy

Scheduled Maintenance Energy is Energy prescheduled for delivery, up to 744 hours per calendar year, to serve the Customer's load normally served by the Customer's own generation (i.e. above Baseline Energy). Scheduled Maintenance must be prescheduled at least one month (30 days) before delivery for a time period mutually agreeable to the Company and the Customer.

When the Customer preschedules Energy for an entire calendar month, the Customer may choose that the Scheduled Maintenance Energy Charge be either the Monthly Fixed or Daily Price Energy Charge Option, including adjustments as identified in Schedule 100 and notice requirements as described under Schedule 89. When the Customer preschedules Energy for less than an entire month, the Scheduled Maintenance Energy will be charged at the Daily Price Energy Option, including adjustments, under Schedule 89.

#### Unscheduled Energy

Any Electricity provided to the Customer that does not qualify as Baseline Energy or Scheduled Maintenance Energy will be Unscheduled Energy and priced at an Hourly Rate consisting of the Powerdex Mid-Columbia Hourly Firm Electricity Price Index (Powerdex-Mid-C Hourly Firm Index) plus 0.305¢ per kWh for wheeling, a 0.300¢ per kWh recovery factor, plus losses.

(R)

### SCHEDULE 75 (Continued)

#### ENERGY CHARGE (Continued)

##### Unscheduled Energy (Continued)

If prices are not reported for a particular hour or hours, the average of the immediately preceding and following reported hours' prices within on- or off-peak periods, as applicable, will determine the price for the non-reported period. Prices reported with no transaction volume or as survey-based will be considered reported.

On-peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

The Company may request that a Customer taking Unscheduled Energy during more than 1,000 hours during a calendar year provide information detailing the reasons that the generator was not able to run during those hours in order to determine the appropriate Baseline Demand.

#### LOSSES

Losses will be included by multiplying the applicable Energy Charge by the following adjustment factors:

Subtransmission Delivery Voltage	1.0416	(I)
Primary Delivery Voltage	1.0530	(I)
Secondary Delivery Voltage	1.0640	(R)

#### DIRECT ACCESS PARTIAL REQUIREMENTS SERVICE

A Customer served under this schedule may elect to receive Direct Access Partial Requirements Service from an Electricity Service Supplier (ESS) under the terms of Schedule 575 provided it has given notice consistent with any Baseline Energy option requirements. A Customer may return to Schedule 75 provided it has met any term requirements of Schedule 575 and any requirements needed to purchase Baseline Energy if needed.

#### MINIMUM CHARGE

The Minimum Charge will be the Basic, Transmission, Distribution, Demand and Generation Contingency Reserves Charges, when applicable. In addition, the Company may require a higher Minimum Charge, if necessary, to justify the Company's investment in service Facilities.

#### REACTIVE DEMAND CHARGE

In addition to the charges as specified in the Monthly Rate, the Customer will pay 50¢ for each kilovolt-ampere of Reactive Demand in excess of 40% of the maximum Demand. Such charge is separate from and in addition to the Minimum Charge specified.

**SCHEDULE 76R  
PARTIAL REQUIREMENTS  
ECONOMIC REPLACEMENT POWER RIDER**

**PURPOSE**

To provide Customers served on Schedule 75 with the option of purchasing Energy from the Company to replace some, or all, of the Customer’s on-site generation when the Customer deems it is more economically beneficial than self generating.

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Large Nonresidential Customers served on Schedule 75.

**MONTHLY RATE**

The following charges are in addition to applicable charges under Schedule 75:\*

	<u>Secondary</u>	<u>Delivery Voltage</u> <u>Primary</u>	<u>Subtransmission</u>	
<u>Transmission and Related Services Charge</u>				
per kW of Daily Economic Replacement Power (ERP) On-Peak Demand per day	\$0.069	\$0.068	\$0.067	<b>(I)(R)</b>
<u>Daily ERP Demand Charge</u>				
per kW of Daily ERP Demand during On-Peak hours per day**	\$0.057	\$0.057	\$0.018	<b>(R)(I)</b>
<u>Transaction Fee</u>				
per Energy Needs Forecast (ENF)	\$50.00	\$50.00	\$50.00	
<u>Energy Charge*</u>				
per kWh of ERP	See below for ERP Pricing			

\* See Schedule 100 for applicable adjustments.

\*\* Peak hours (also called heavy load hours “HLH”) are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours (also called light load hours “LLH”) are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

**SCHEDULE 76R (Continued)**

ENF AND ERP (Continued)  
ERP Supply Options (Continued)  
ENF Options for ERP (Continued)

The Daily ENF pre-scheduling protocols will conform to the standard practices, applicable definitions, requirements and schedules of the WECC. Pre-Schedule Day means the trading day immediately preceding the day of delivery consistent with WECC practices for Saturday, Sunday, Monday or holiday deliveries.

ERP Pricing

The following ERP Energy Charges are applied to the applicable hourly ENF and summed for the hours for the monthly billing:

Short-Notice ERP: The Short Notice ERP Energy Charge will be an Hourly Rate consisting of the Powerdex Mid-Columbia Hourly Price Index (Powerdex-Mid-C Hourly Index) plus a 5% adder, which will not be less than 0.15¢ per kWh, plus 0.305¢ per kWh for wheeling, plus losses. If prices are not reported for a particular hour or hours, the average of the immediately preceding and following reported hours' prices within on- or off-peak periods, as applicable, will determine the price for the non-reported period. Prices reported with no transaction volume or as survey-based will be considered reported. (R)

Daily ERP: The Daily ERP Energy Charge will be determined in accordance with a commodity energy price quote from the Company accepted by the Customer plus a 5% adder, which will not be less than 0.15¢ per kWh, plus 0.305¢ per kWh for wheeling, plus losses. Customer will communicate with PGE between hour 0615 and 0625 to receive the PGE commodity energy price quote based on the customer's submitted ENF for the day of delivery. Customer will state acceptance of quote within 5 minutes of receipt of quote from the Company. The quote may incorporate reasonable premiums to reflect the additional cost of ENF amounts that are in nonstandard block sizes (i.e., other than multiples of 25 MW) and such premium will not be separately stated. The methods to communicate and the times to receive information and quotes may be adjusted with mutual written agreement of the parties. Failure to accept a quote in the stated time is deemed to mean the quote is rejected and the transaction will not take place. (R)

Monthly ERP: The Monthly ERP Energy Charge will be determined in accordance with a price quote accepted by the Customer plus a 5% adder, which will not be less than 0.15¢ per kWh, plus 0.305¢ per kWh for wheeling, plus losses. At customer request and based on the submitted Monthly ENF, the Company will provide a price quote for the next full calendar month for the ENF commodity energy only amount specified by the customer at the time of the request. The Company will respond to the request with a quote within 4 hours or as otherwise mutually agreed to. Customer will accept or reject the quote within 30 minutes. Customer communication regarding a price quote will be in the manner agreed to by the Company and the Customer. The quote may incorporate reasonable premiums to reflect the additional cost of ENF amounts that are in nonstandard block sizes (i.e., other than multiples of 25 MW) and such premium will not be separately stated. (R)

**SCHEDULE 76R (Continued)**

ENF AND ERP (Continued)  
ERP Supply Options (Continued)  
ERP Pricing (Continued)

The methods to communicate and the times to receive information and quotes may be adjusted with mutual written agreement of the parties. Failure to accept a quote in the stated time is deemed to mean the quote is rejected and the transaction will not take place.

On-peak hours (Heavy Load Hours, HLH) are between 6:00 a.m. and 10:00 p.m. PPT (hours ending 0700 through 2200), Monday through Saturday. Off-peak hours (Light Load Hours, LLH) are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all hours Sunday.

Losses will be included by multiplying the ERP Charge by the following adjustment factors:

Subtransmission Delivery Voltage	1.0416	(I)
Primary Delivery Voltage	1.0530	(I)
Secondary Delivery Voltage	1.0640	(R)

**ACTUAL ENERGY USAGE**

Actual Energy usage during times when ERP deliveries are occurring will be the amount of Energy above the Customer's Schedule 75 Baseline Energy.

**IMBALANCE ENERGY SETTLEMENT**

Imbalance Settlement Amounts are bill credits or charges resulting from hourly Imbalance Energy multiplied by the applicable hourly Settlement Price and summed for all hours in the billing period. Imbalance Energy is the kWh amount determined hourly as the deviation between Actual Energy for such hour and the ENF for such hour (i.e., Imbalance Energy = Actual Energy less ENF).

For any Imbalance Energy in any hour up to 7.5% of the hourly ENF (positive or negative amount), the Imbalance Settlement Amount for the hour is:

- For positive Imbalance Energy (where Customer receives more ERP than the ENF), the Imbalance Energy multiplied by the Settlement Price of the Powerdex Mid-Columbia Hourly Price Index (Powerdex-Mid-C Hourly Index), plus 0.305¢ per kWh for wheeling, plus losses. (R)
- For negative Imbalance Energy (where Customer receives less ERP than the ENF), the Imbalance Energy is multiplied by the Settlement Price of the Powerdex-Mid-C Hourly Index plus 0.305¢ per kWh for wheeling, plus losses. (R)

### SCHEDULE 76R (Continued)

#### IMBALANCE ENERGY SETTLEMENT (Continued)

For any Imbalance Energy in any hour in excess of 7.5% of the hourly ENF (positive or negative amount), the Imbalance Settlement Amount for the hour is:

- For positive excess Imbalance Energy, the excess Imbalance Energy multiplied by the Settlement Price, which is the Powerdex Mid-Columbia Hourly Price Index (Powerdex-Mid-C Hourly Index), plus 10%, plus 0.305¢ per kWh for wheeling, plus losses. (R)

For negative excess Imbalance Energy, the excess Energy Imbalance is multiplied by the Settlement Price of the Powerdex-Mid-C Hourly Index, less 10%, plus 0.305¢ per kWh for wheeling, plus losses. (R)

The Imbalance Settlement Amount may be a credit or charge in any hour.

#### DAILY ERP DEMAND

Daily ERP Demand is the highest 30 minute Demand occurring during the days that the Company supplies ERP to the Customer less the sum of the Customer's Schedule 75 Baseline Demand and any Unscheduled Demand. Daily ERP Demand will not be less than zero. Daily ERP Demand will be billed for each day in the month that the Company supplies ERP to the Customer.

If the sum of the Customer's Unscheduled and Schedule 75 Baseline Demand exceeds their Daily ERP Demand, no additional Daily Demand charges are applied to the service under this schedule for the applicable Billing Period.

#### UNSCHEDULED DEMAND

Unscheduled Demand is the difference in the highest 30 minute monthly Demand and the Customer's Baseline occurring when the Customer did not receive ERP.

#### ADJUSTMENTS

Service under this rider is subject to all adjustments as summarized in Schedule 100, except for: 1) any power cost adjustment recovery based on costs incurred while the Customer is taking Service under this schedule, and 2) Schedule 128.

#### SPECIAL CONDITIONS

1. Prior to receiving service under this schedule, the Customer and the Company must enter into a written agreement governing the terms and conditions of service.
2. Service under this schedule applies only to prescheduled ERP supplied by the Company pursuant to this schedule and the corresponding agreement. All other Energy supplied will be made under the terms of Schedule 75. All notice provisions of this schedule and agreement must be complied with for delivery of Energy. The Customer is required to maintain Schedule 75 service unless otherwise agreed to by the Company.

**SCHEDULE 81  
NONRESIDENTIAL  
EMERGENCY DEFAULT SERVICE**

**AVAILABLE**

In all territory served by the Company. The Company may restrict Customer loads returning to this schedule in accordance with Rule N Curtailment Plan and Rule C (Section 2).

**APPLICABLE**

To existing Nonresidential Customers who are no longer receiving Direct Access Service and have not provided the Company with the notice required to receive service under the applicable Standard Service rate schedule.

**MONTHLY RATE**

All charges for Emergency Default Service except the energy charge will be billed at the Customer's applicable Standard Service rate schedule for five business days after the Customer's initial purchase of Emergency Default Service.

**ENERGY CHARGE DAILY RATE**

The Energy Charge Daily Rate will be 125% of the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Firm Electricity Price Index (ICE-Mid-C Firm Index) plus 0.305¢ 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-peak and off-peak prices will be used to determine the price for the non-reported period. Prices reported with no transaction volume or as "survey-based" will be considered reported.

(R)

Peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

Losses will be included by multiplying the Energy Charge Daily Rate by the following adjustment factors:

Subtransmission Delivery Voltage	1.0416
Primary Delivery Voltage	1.0530
Secondary Delivery Voltage	1.0640

(I)  
(I)  
(R)

**REACTIVE DEMAND CHARGE**

In addition to the charges as specified in the Monthly Rate, the Customer will pay 50¢ for each kilovolt-ampere of Reactive Demand in excess of 40% of the maximum Demand. Such charge is separate from and in addition to the Minimum Charge specified.



**SCHEDULE 83  
LARGE NONRESIDENTIAL  
STANDARD SERVICE  
(31 – 200 kW)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customers whose Demand has not exceeded 200 kW more than six times in the preceding 13 months and has not exceeded 4,000 kW more than once in the preceding 13 months, or with seven months or less of service has not had a Demand exceeding 4,000 kW. Service under this Schedule is available for Secondary Delivery Voltage only.

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

Basic Charge

Single Phase Service	\$35.00	
Three Phase Service	\$45.00	

Transmission and Related Services Charge

per kW of monthly On-Peak Demand	\$1.77	(I)
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Distribution Charges\*\*

The sum of the following:

per kW of Facility Capacity		
First 30 kW	\$4.75	(I)
Over 30 kW	\$4.65	(I)
per kW of monthly On-Peak Demand	\$1.47	(R)

Energy Charge

On-Peak Period per kWh***	4.824 ¢	(R)(T)
Off-Peak Period per kWh***	3.324 ¢	(R)(T)
Generation Demand Charge		(N)
per kW of monthly On-Peak Demand	\$4.68	(N)
See below for Daily Pricing Option description.		

System Usage Charge

per kWh	1.004 ¢	(I)
---------	---------	-----

\* See Schedule 100 for applicable adjustments.

\*\* The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the applicable SP.

\*\*\* Peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

**SCHEDULE 83 (Continued)**

MONTHLY RATE (Continued)

Energy Charge Options:

Any Energy Charge option selected by a Customer will remain in effect and continue to be the default option until the Customer has given the required notice to change the applicable Energy Charge Option. To change options, Customers must give notice as specified for that option below and must complete the specified term of their current option. The Cost of Service Option will be the default for Customers or new Customers who have not selected another option or Direct Access Service. If a Customer chooses Direct Access Service or a pricing option other than the Cost of Service Option, that Customer may not receive service under the Cost of Service Option until the next service year and with timely notice.

**NON COST OF SERVICE OPTION**

Daily Price Option - The Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Firm Index) plus 0.305¢ 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. Prices reported with no transaction volume or as "survey-based" will be considered reported. To begin service under this option, the Customer receiving service under Cost of Service price option will notify the Company by the close of the November Election Window or for eligible Customers, the close of a Balance-of-Year Election Window. (R)

Losses will be included by multiplying the above applicable Energy Charge Option by the following adjustment factors:

Secondary Delivery Voltage	1.0640	(R)
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Non-Cost of Service Option is subject to Schedule 128, Short Term Transition Adjustment.

Interval metering and meter communications should be in place prior to initiation of service under this schedule. Where interval metering has not been installed, the Customer's Electricity usage will be billed as 65% on-peak and 35% off-peak. Upon installation of an interval meter, the Company will bill the Customer according to actual metered usage.

**PLUG-IN ELECTRIC VEHICLE TIME OF USE (EV TOU) OPTION**

Should a Customer receiving service under this Schedule 83 opt for a separately metered EV TOU option, the separately metered Electric Vehicle charging load will determine the applicable rate schedule under which EV TOU charging service is provided. For example, please refer to Schedules 32 and 38.

**SCHEDULE 85  
LARGE NONRESIDENTIAL  
STANDARD SERVICE  
(201 – 4,000 kW)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Secondary Delivery Voltage Large Nonresidential Customer whose Demand has exceeded 200 kW more than six times in the preceding 13 months but has not exceeded 4,000 kW more than once in the preceding 13 months, or with seven months or less of service has not had a Demand exceeding 4,000 kW. To each Primary Delivery Voltage Large Nonresidential Customer whose Demand has not exceeded 4,000 kW more than once in the preceding 13 months, or with seven months or less of service has not had a Demand exceeding 4,000 kW.

**MONTHLY RATE**

The sum of the following charges at the applicable Delivery Voltage per Service Point (SP)\*:

	<u>Delivery Voltage</u>		
	<u>Secondary</u>	<u>Primary</u>	
<u>Basic Charge</u>	\$810.00	\$770.00	(I)
<u>Transmission and Related Services Charge</u> per kW of monthly On-Peak Demand	\$1.77	\$1.75	(I)
<u>Distribution Charges**</u> The sum of the following: per kW of Facility Capacity			
First 200 kW	\$3.24	\$3.21	(I)
Over 200 kW	\$2.04	\$2.01	(I)
per kW of monthly On-Peak Demand	\$1.47	\$1.46	(R)
<u>Energy Charge</u>			(T)
On-Peak Period per kWh***	4.684 ¢	4.639 ¢	(R)(T)
Off-Peak Period per kWh***	3.184 ¢	3.139 ¢	(R)(T)
Generation Demand Charge per kW of monthly On-Peak Demand	\$5.17	\$5.15	(N)
See below for Daily Pricing Option description.			(N)
<u>System Usage Charge</u> per kWh	0.260 ¢	0.258 ¢	(I)

\* See Schedule 100 for applicable adjustments.

\*\* The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the applicable SP.

\*\*\* Peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

### SCHEDULE 85 (Continued)

#### MONTHLY RATE (Continued)

##### Energy Charge Options:

Any Energy Charge option selected by a Customer will remain in effect and continue to be the default option until the Customer has given the required notice to change the applicable Energy Charge Option. To change options, Customers must give notice as specified for that option below and must complete the specified term of their current option. The Cost of Service Option will be the default for Customers or new Customers who have not selected another option or Direct Access Service. If a Customer chooses Direct Access Service or a pricing option other than the Cost of Service Option, that Customer may not receive service under the Cost of Service Option until the next service year and with timely notice.

#### PLUG-IN ELECTRIC VEHICLE TIME OF USE (EV TOU) OPTION

Should a Customer receiving service under this Schedule 85 opt for a separately metered EV TOU option, the separately metered Electric Vehicle charging load will determine the applicable rate Schedule under which EV TOU charging service is provided. For example, please refer to Schedules 32 and 38.

#### NON COST OF SERVICE OPTION

Daily Price Option - The Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Firm Index) plus 0.305¢ 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. Prices reported with no transaction volume or as "survey-based" will be considered reported. To begin service under this option, the Customer receiving service under Cost of Service price option will notify the Company by the close of the November Election Window or for eligible Customers, the close of a Balance-of-Year Election Window. (R)

Losses will be included by multiplying the above applicable Energy Charge Option by the following adjustment factors:

Primary Delivery Voltage	1.0530
Secondary Delivery Voltage	1.0640

(I)  
(R)

Non-Cost of Service Option is subject to Schedule 128, Short Term Transition Adjustment.

Interval metering and meter communications should be in place prior to initiation of service under this schedule. Where interval metering has not been installed, the Customer's Electricity usage will be billed as 65% on-peak and 35% off-peak. Upon installation of an interval meter, the Company will bill the Customer according to actual metered usage.

**SCHEDULE 89  
LARGE NONRESIDENTIAL  
STANDARD SERVICE  
(>4,000 kW)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customer whose Demand has exceeded 4,000 kW at least twice within the preceding 13 months, or with seven months or less of service has had a Demand exceeding 4,000 kW.

**MONTHLY RATE**

The sum of the following charges at the applicable Delivery Voltage per Service Point (SP)\*:

	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>	5,290.00	\$3,640.00	\$5,580.00	(I)
<u>Transmission and Related Services Charge</u> per kW of monthly On-Peak Demand	\$1.77	\$1.75	\$1.72	(I)
<u>Distribution Charges**</u> The sum of the following: per kW of Facility Capacity				
First 4,000 kW	\$1.33	\$1.32	\$1.32	(R)
Over 4,000 kW	\$1.02	\$1.01	\$1.01	(R)
per kW of monthly On-Peak Demand	\$1.47	\$1.46	\$0.46	(R)
<u>Energy Charge (per kWh)</u>				
On-Peak Period***	5.968 ¢	5.910 ¢	5.851 ¢	(I)
Off-Peak Period***	4.468 ¢	4.410 ¢	4.351 ¢	(I)
See below for Daily Pricing Option description.				
<u>System Usage Charge</u> per kWh	0.224 ¢	0.223 ¢	0.221 ¢	(I)

\* See Schedule 100 for applicable adjustments.

\*\* The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the applicable SP.

\*\*\* Peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

**SCHEDULE 89 (Continued)**

MONTHLY RATE (Continued)

Energy Charge Options:

Any Energy Charge option selected by a Customer will remain in effect and continue to be the default option until the Customer has given the required notice to change the applicable Energy Charge Option. To change options, Customers must give notice as specified for that option below and must complete the specified term of their current option. The Cost of Service Option will be the default for Customers or new Customers who have not selected another option or Direct Access Service. If a Customer chooses Direct Access Service or a pricing option other than the Cost of Service Option, it may not receive service under the Cost of Service Option until the next service year and with timely notice.

**NON-COST OF SERVICE OPTION**

Daily Price Option - The Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Firm Index) plus 0.305¢ 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. Prices reported with no transaction volume or as "survey-based" will be considered reported. To begin service under this option, the Customer receiving service under Cost of Service price option will notify the Company by the close of the November Election Window or for eligible Customers, the close of a Balance-of-Year Election Window.

(R)

Losses will be included by multiplying the above applicable Energy Charge Option by the following adjustment factors:

Subtransmission Delivery Voltage	1.0416
Primary Delivery Voltage	1.0530
Secondary Delivery Voltage	1.0640

(I)  
(I)  
(R)

Non-Cost of Service Option is subject to Schedule 128, Short Term Transition Adjustment

**PLUG-IN ELECTRIC VEHICLE TIME OF USE (EV TOU) OPTION**

Should a Customer receiving service under this Schedule 89 opt for a separately metered EV TOU option, the separately metered Electric Vehicle charging load will determine the applicable rate schedule under which EV TOU charging service is provided. For example, please refer to Schedules 32 and 38.

**SCHEDULE 90  
LARGE NONRESIDENTIAL  
STANDARD SERVICE  
(>4,000 kW and Aggregate to >30 MWa)**

(C)

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customer who meet the following conditions: 1) Individual account demand has exceeded 4,000 kW at least twice within the preceding 13 months, or with seven months or less of service has had a Demand exceeding 4,000 kW; and 2) where combined usage of all accounts meeting condition 1 for the Large Nonresidential Customer aggregate to at least 30 MWa in a calendar year; and 3) the customer maintains a load factor of 80% or greater for each account.

(C)

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

	<u>Delivery Voltage</u>		
	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>	\$21,000.00	\$21,000.00	(C) (I)
<u>Transmission and Related Services Charge</u> per kW of monthly On-Peak Demand	\$1.75	1.72	(I)
<u>Distribution Charges</u> ** The sum of the following: per kW of Facility Capacity			
First 4,000 kW	\$1.64	\$1.64	(I)
Over 4,000 kW	\$1.33	\$1.33	(I)
per kW of monthly on-peak Demand	\$1.46	\$0.46	(R)
<u>Energy Charge</u> (per kWh)			
Usage (30MWa – 250MWa)			(C)
On-Peak Period***	5.716¢	5.652¢	(I)
Off-Peak Period***	4.216¢	4.152¢	(I)
Usage (greater than 250MWa)			(N)
On-Peak Period***	5.600¢	5.537¢	
Off-Peak Period***	4.100¢	4.037¢	(N)
<u>System Usage Charge</u>			
Usage (30MWa – 250MWa) per kWh	0.152¢	0.110¢	(C)
Usage (greater than 250MWa) per kWh	0.149¢	0.107¢	(C)(N)

\* See Schedule 100 for applicable adjustments.

\*\* The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the applicable SP.

\*\*\* Peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

### SCHEDULE 90 (Continued)

#### MONTHLY RATE (Continued)

##### Energy Charge Options:

Any Energy Charge option selected by a Customer will remain in effect and continue to be the default option until the Customer has given the required notice to change the applicable Energy Charge Option. To change options, Customers must give notice as specified for that option below and must complete the specified term of their current option. The Cost of Service Option will be the default for Customers or new Customers who have not selected another option or Direct Access Service. If a Customer chooses Direct Access Service or a pricing option other than the Cost of Service Option, it may not receive service under the Cost of Service Option until the next service year and with timely notice.

#### NON-COST OF SERVICE OPTION

Daily Price Option - The Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Firm Index) plus 0.305¢ 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. Prices reported with no transaction volume or as "survey-based" will be considered reported. To begin service under this option, the Customer receiving service under Cost of Service price option will notify the Company by the close of the November Election Window or for eligible Customers, the close of a Balance-of-Year Election Window. (R)

Losses will be included by multiplying the above applicable Energy Charge Option by the following adjustment factors:

Subtransmission Delivery Voltage	1.0416	(I)
Primary Delivery Voltage	1.0530	(I)
Secondary Delivery Voltage	1.0640	(R)

Non-Cost of Service Option is subject to Schedule 128, Short Term Transition Adjustment

#### PLUG-IN ELECTRIC VEHICLE TIME OF USE (EV TOU) OPTION

Should a Customer receiving service under this Schedule 89 opt for a separately metered EV TOU option, the separately metered Electric Vehicle charging load will determine the applicable rate schedule under which EV TOU charging service is provided. For example, please refer to Schedules 32 and 38.



**SCHEDULE 91 (Continued)**

**MONTHLY RATE**

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

<u>Transmission and Related Services Charge</u>	0.357 ¢ per kWh	(I)
<u>Distribution Charge</u>	5.761 ¢ per kWh	(R)
<u>Energy Charge</u>		
Cost of Service Option	4.884 ¢ per kWh	(R)

Daily Price Option – Available only to Customers with an average load of five MW or greater on Schedules 91 and 95 and those customers that met the five MW or greater threshold prior to converting to lights from Schedule 91 to Schedule 95. This selection of this option applies to all luminaires served under Schedules 91 and 95. This option gives eligible Customers an option between a daily Energy price and a Cost of Service option for the Energy charge. 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 Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Firm Index) plus 0.305¢ 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.

(R)

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 price 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 applicable daily Energy price by 1.0640.

(R)

The Daily Price Option is subject to Schedule 128, Short Term Transition Adjustment.

Enrollment for Service

To begin service under the Daily Price Option on January 1<sup>st</sup>, the Customer will notify the Company by 5:00 p.m. PPT on November 15<sup>th</sup> (or the following working day if the 15<sup>th</sup> 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.

**SCHEDULE 91 (Continued)**

**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 **	70	6,300	30	*	\$0.81	(R)
	100	9,500	43	*	0.93	(R)
	150	16,000	62	*	0.81	(R)
	200	22,000	79	*	0.97	(R)
	250	29,000	102	*	0.81	(R)
	400	50,000	163	*	0.99	(R)
Cobrahead	70	6,300	30	\$4.99	1.10	(I)
	100	9,500	43	4.67	1.05	(R)
	150	16,000	62	4.74	1.06	(R)
	200	22,000	79	5.42	1.13	(R)
	250	29,000	102	5.01	1.07	(R)
	400	50,000	163	5.21	1.10	(R)
Flood	250	29,000	102	6.40	1.27	(I)(R)
	400	50,000	163	6.40	1.27	(I)(R)
Early American Post-Top	100	9,500	43	5.62	1.20	(I)(R)
Shoebox (bronze color, flat lens, or drop lens, multi-volt)	70	6,300	30	5.27	1.15	(R)
	100	9,500	43	*	1.22	(C)(R)
	150	16,000	*	*	1.28	(C)(R)

\* Not offered.

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

**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, Bronze, or Gray	20	\$5.16	\$0.17	(I)
Fiberglass, Black or Bronze	30	8.40	0.28	(I)
Fiberglass, Gray	30	8.40	0.28	(I)
Fiberglass, Smooth, Black or Bronze	18	5.48	0.19	(I)
Fiberglass, Regular Black, Bronze, or Gray	18	4.80	0.16	(I)
	35	8.20	0.28	(I)
Aluminum, Regular with Breakaway Base	35	16.90	0.57	(N)

**SCHEDULE 91 (Continued)**

RATES FOR STANDARD POLES (Continued)

<u>Type of Pole</u>	<u>Pole Length (feet)</u>	<u>Monthly Rates</u>		
		<u>Option A</u>	<u>Option B</u>	
Wood, Standard	30 to 35	\$6.26	\$0.21	(I)
Wood, Standard	40 to 55	7.37	0.25	(I)

**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	\$8.99	\$1.67	(I)(R)
HADCO Victorian, HPS	150	16,000	62	8.99	1.67	(I)(R)
	200	22,000	79	9.33	1.72	(I)(R)
	250	29,000	102	9.24	1.70	(I)(R)
HADCO Capitol Acorn, HPS	100	9,500	43	12.95	2.23	(I)(R)
	150	16,000	62	*	2.19	(C)(R)
	200	22,000	79	*	2.27	(C)(I)
	250	29,000	102	*	0.89	(C)(R)
Special Architectural Types						
HADCO Independence, HPS	100	9,500	43	10.16	1.81	(I)(R)
	150	16,000	62	*	1.53	(C)(R)
HADCO Techtra, HPS	100	9,500	43	17.29	2.84	(I)(R)
	150	16,000	62	18.11	2.96	(I)(R)
	250	29,000	102	*	2.73	(C)(R)
HADCO Westbrooke, HPS	70	6,300	30	12.27	2.11	(I)(R)
	100	9,500	43	12.42	2.13	(I)(R)
	150	16,000	62	*	2.42	(C)(R)
	200	22,000	79	*	0.95	(C)(R)
	250	29,000	102	10.89	1.91	(I)(R)

**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>	
Special Types						
Flood, Metal Halide	350	30,000	139	*	\$1.45	(C)(R)
Flood, HPS	750	105,000	285	\$9.00	1.78	(R)
Option C Only **						
Ornamental Acorn Twin	85	9,600	64	*	*	
Ornamental Acorn	55	2,800	21	*	*	
Ornamental Acorn Twin	55	5,600	42	*	*	
Composite, Twin	140	6,815	54	*	*	
	175	9,815	66	*	*	

\* Not offered.

\*\* Rates are based on current kWh energy charges.

**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	25	\$8.88	\$0.30	(R)
	30	10.19	0.34	(R)
	35	11.80	0.40	(R)
Aluminum Davit	25	9.48	0.32	(R)
	30	10.67	0.36	(R)
	35	12.20	0.41	(R)(I)
	40	15.67	0.53	(R)(I)
Aluminum Double Davit	30	11.84	0.40	(R)

**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, Fluted Ornamental	14	\$8.42	\$0.28	(R)
Aluminum, Smooth Techtra Ornamental	18	18.40	0.62	(R)
Aluminum, Fluted Ornamental	16	8.74	0.30	(R)
Aluminum, Double-Arm, Smooth Ornamental	18	14.19	0.48	(I)
Aluminum, Fluted Westbrooke	18	17.29	0.58	(R)
Aluminum, Non-Fluted Ornamental, Pendant	22	17.18	0.58	(C)(R)
Fiberglass, Fluted Ornamental Black	14	11.78	0.40	(I)
Fiberglass, Anchor Base, Gray or Black	35	11.19	0.38	(R)
Fiberglass, Anchor Base (Color may vary)	25	9.94	0.34	(R)(I)
	30	12.15	0.41	(I)

**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, Metal Halide	150	10,000	60	*	\$1.16	(C)(R)
Cobrahead, Mercury Vapor	100	4,000	39	*	*	
	175	7,000	66	\$4.68	1.06	(R)
	250	10,000	94	*	*	
	400	21,000	147	5.39	1.10	(R)
	1,000	55,000	374	5.33	1.22	(R)
Holophane Mongoose, HPS	150	16,000	62	*	1.98	(C)(R)
	250	29,000	102	*	1.99	(C)(I)
Special Box Similar to GE "Space-Glo"						
HPS	70	6,300	30	5.69	*	(R)
Mercury Vapor	175	7,000	66	5.69	1.16	(R)

\* 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	*	*	
HPS	70	6,300	30	*	*	
	100	9,500	43	*	\$1.49	(R)
	150	16,000	62	*	0.89	(R)
	250	29,000	102	*	*	
	400	50,000	163	*	*	
Metal Halide	250	20,500	99	*	0.90	(R)
	400	40,000	156	*	0.90	(R)
Cobrahead, Metal Halide	175	12,000	71	*	1.17	(R)
Flood, Metal Halide	400	40,000	156	\$5.66	1.20	(R)
Cobrahead, Dual Wattage, HPS						
70/100 Watt Ballast	100	9,500	43	*	0.89	(R)
100/150 Watt Ballast	100	9,500	43	*	0.89	(R)
100/150 Watt Ballast	150	16,000	62	*	0.89	(R)
Special Architectural Types Including Philips QL Induction Lamp Systems						
HADCO Victorian, QL	85	6,000	32	*	0.33	(R)
	165	12,000	60	*	0.97	(I)
HADCO Techtra, QL	165	12,000	60	*	1.28	(C)(I)
Special Architectural Types						
KIM SBC Shoebox, HPS	150	16,000	62	*	0.89	(R)
KIM Archetype, HPS	250	29,000	102	*	2.01	(R)
	400	50,000	163	*	2.45	(I)
Special Acorn-Type, HPS	70	6,300	30	8.89	1.57	(I)(R)
Special GardCo Bronze Alloy						
HPS	70	5,000	30	*	*	
Mercury Vapor	175	7,000	66	*	*	

\* 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>	
Early American Post-Top, HPS						
Black	70	6,300	30	\$5.46	\$1.04	<b>(I)(R)</b>
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	5.52	1.10	<b>(I)(R)</b>
Flood, HPS	70	6,300	30	4.71	1.09	<b>(R)</b>
	100	9,500	43	4.72	1.07	<b>(R)</b>
	200	22,000	79	6.29	1.16	<b>(I)(R)</b>
Cobrahead, HPS						
Power Door	310	37,000	124	*	1.27	<b>(C)(R)</b>
Special Types Customer-Owned & Maintained						
Ornamental, HPS	100	9,500	43	*	*	
Twin Ornamental, HPS	Twin 100	9,500	86	*	*	
Compact Fluorescent	28	N/A	12	*	*	

\* Not offered.

**SCHEDULE 91 (Continued)**

**RATES FOR OBSOLETE LIGHTING POLES**

<u>Type of Pole</u>	<u>Poles Length (feet)</u>	<u>Option A</u>	<u>Option B</u>	
Aluminum Post	30	\$4.78	*	(R)
Aluminum, Painted Ornamental	35	*	*	(C)
Aluminum, Regular	16	4.78	\$0.16	(R)
Bronze Alloy GardCo	12	*	0.23	(I)
Concrete, Ornamental	35 or less	8.88	0.30	(R)
Fiberglass, Direct Bury with Shroud	18	7.06	0.24	(R)
Steel, Painted Regular **	25	8.88	0.30	(R)
Steel, Painted Regular **	30	10.19	0.34	(R)
Steel, Unpainted 6-foot Mast Arm **	30	*	0.36	(R)
Steel, Unpainted 6-foot Davit Arm **	30	*	0.36	
Steel, Unpainted 8-foot Mast Arm **	35	*	0.41	(I)
Steel, Unpainted 8-foot Davit Arm **	35	*	0.41	(I)
Wood, Laminated without Mast Arm	20	5.16	0.17	(I)
Wood, Laminated Street Light Only	20	5.16	*	(I)
Wood, Curved Laminated	30	7.17	0.28	(I)
Wood, Painted Underground	35	6.26	0.21	(I)

\* Not offered.

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

**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.
- . 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.



**SCHEDULE 92  
TRAFFIC SIGNALS  
(NO NEW SERVICE)  
STANDARD SERVICE  
(COST OF SERVICE)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To municipalities or agencies of federal or state governments where funds for payment of Electricity are provided through taxation or property assessment for traffic signals and warning facilities in systems containing at least 50 intersections on public streets and highways. This schedule is available only to those governmental agencies receiving service under Schedule 92 as of September 30, 2001.

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

<u>Transmission and Related Services Charge</u>	0.359	¢ per kWh	(I)
<u>Distribution Charge</u>	1.553	¢ per kWh	(R)
<u>Energy Charge</u>	5.156	¢ per kWh	(I)

\* See Schedule 100 for applicable adjustments.

**ELECTION WINDOW**

Balance-of-Year Election Window

The Balance-of-Year Election Window begins at 8:00 a.m. on February 15<sup>th</sup> (or the following business day if the 15<sup>th</sup> falls on a weekend or holiday). The Window 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.

Balance-of-Year Election Window, a Customer may notify the Company of its choice to move to Direct Access Service. For the February 15<sup>th</sup> election, the move is effective on the following April 1<sup>st</sup>. A Customer may not choose to move from an alternative option back to Cost of service during a Balance-of-Year Election Window.

**SCHEDULE 95 (Continued)**

LUMINAIRE SERVICE OPTIONS (Continued)

Special Provisions for Schedule 91/95/491/495/591/595 Option B to Schedule 95/495/595  
Option C Luminaire Conversion and Future Maintenance Election (Continued)

2. Upon such conversion, the Customer will assume and bear the cost of all on-going maintenance responsibilities for the luminaires and associated circuits in accordance with this schedule's provisions for Option C luminaires from the date each luminaire is converted to Option C. After the three or five year period, any remaining Option B luminaires will be converted to Option C. The Company may not provide new Option B lighting under Schedule 91/95 following the election to convert any Option B luminaires to Schedule 91 or Schedule 95 Option C luminaires.

**STREETLIGHT POLES SERVICE OPTIONS**

See Schedule 91 for Streetlight poles service options.

**MONTHLY RATE**

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

<u>Transmission and Related Services Charge</u>	0.357 ¢ per kWh	(I)
<u>Distribution Charge</u>	5.761 ¢ per kWh	(R)
<u>Energy Charge</u>		
Cost of Service Option	4.884 ¢ per kWh	(R)

**NON-COST OF SERVICE OPTION**

Daily Price Option – Available only to Customers with an average load of five MW or greater on Schedules 91 and 95 and those customers that met the five MW or greater threshold prior to converting to lights from Schedule 91 to Schedule 95. This selection of this option applies to all luminaires served under Schedules 91 and 95. This option gives eligible Customers an option between a daily Energy price and a Cost of Service option for the Energy charge. 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 Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Firm Index) plus 0.305¢ 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.

(R)

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.

### SCHEDULE 95 (Continued)

#### NON-COST OF SERVICE OPTION (Continued)

For Customers billed on the Daily Price 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 applicable daily Energy price by 1.0640. (R)

The Daily Price Option is subject to Schedule 128, Short Term Transition Adjustment.

#### Enrollment for Service

To begin service under the Daily Price Option on January 1<sup>st</sup>, the Customer will notify the Company by 5:00 p.m. PPT on November 15<sup>th</sup> (or the following working day if the 15<sup>th</sup> 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.

#### Balance-of-year Election Window

The Balance-of-Year Election Window begins at 8:00 a.m. on February 15<sup>th</sup> (or the following business day if the 15<sup>th</sup> falls on a weekend or holiday). The Balance-of-Year Election Window 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 Balance-of-Year Election Window, a Customer may notify the Company of its choice to move to Direct Access Service. The move is effective on the following April 1<sup>st</sup>. A Customer may not choose to move from an alternative option back to either the Cost of Service or Daily Price Option during the Balance-of-Year Election Window.

#### November Election Window

Enrollment for the November Election Window begins at 2:00 p.m. on November 15<sup>th</sup> (or the following business day if the 15<sup>th</sup> falls on a weekend or holiday). The November Enrollment Windows will remain open until 5:00 p.m. 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 1<sup>st</sup>.

During an Election Window, Customers may notify the Company of a choice to change to eligible service options using the Company's website, [PortlandGeneral.com/business](http://PortlandGeneral.com/business)

**SCHEDULE 95 (Continued)**

**REPLACEMENT OF NON-REPAIRABLE LUMINAIRES INSTALLATION LABOR RATES**

Labor Rate	Straight Time	Overtime
	\$124.00 per hour	\$155.00 per hour

<sup>(1)</sup> Per Article 20.2 of the Collective Bargaining Agreement Union No. 125 Contract, overtime is paid at the Overtime Rate for a minimum of one hour.

**RATES FOR STANDARD LIGHTING**

**Light-Emitting Diode (LED) Only – Option A and Option B Service Rates**

LED lighting is new to the Company and pricing is changing rapidly. The Company may adjust rates under this schedule based on actual frequency of maintenance occurrences and changes in material prices.

<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>
Roadway LED	>20-25	3,000	8	\$4.81	\$0.41
	>25-30	3,470	9	4.81	0.41
	>30-35	2,530	11	5.09	0.41
	>35-40	4,245	13	4.81	0.41
	>40-45	5,020	15	4.95	0.41
	>45-50	3,162	16	5.06	0.41
	>50-55	3,757	18	5.31	0.42
	>55-60	4,845	20	4.95	0.41
	>60-65	4,700	21	4.95	0.41
	>65-70	5,050	23	5.53	0.42
	>70-75	7,640	25	5.58	0.43
	>75-80	8,935	26	5.58	0.43
	>80-85	9,582	28	5.58	0.43
	>85-90	10,230	30	5.58	0.43
	>90-95	9,928	32	5.58	0.43
	>95-100	11,719	33	5.58	0.43
	>100-110	7,444	36	5.92	0.43
	>110-120	12,340	39	5.58	0.43
	>120-130	13,270	43	5.58	0.43
	>130-140	14,200	46	6.52	0.45
	>140-150	15,250	50	7.49	0.48
	>150-160	16,300	53	7.49	0.48
	>160-170	17,300	56	7.49	0.48
	>170-180	18,300	60	7.38	0.47
	>180-190	19,850	63	7.49	0.48
	>190-200	21,400	67	7.70	0.48

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(C)

**SCHEDULE 95 (Continued)**

**RATES FOR DECORATIVE LIGHTING**

**Light-Emitting Diode (LED) Only – Option A and Option B Service Rates**

Type of Light	Watts	Nominal Lumens	Monthly kWh	Monthly Rates		
				Option A	Option B	
Acorn LED	>35-40	3,262	13	\$12.57	\$0.61	(C)
	>40-45	3,500	15	12.57	0.61	
	>45-50	5,488	16	10.43	0.55	
	>50-55	4,000	18	12.57	0.61	
	>55-60	4,213	20	12.57	0.61	
	>60-65	4,273	21	12.57	0.61	
	>65-70	4,332	23	12.53	0.61	
	>70-75	4,897	25	12.57	0.61	
HADCO LED	70	5,120	24	16.74	0.72	(C)(D)
Pendant LED (Non-Flared)	36	3,369	12	14.05	0.65	(R)(C)
	53	5,079	18	14.83	0.67	
	69	6,661	24	14.96	0.67	
	85	8,153	29	15.52	0.69	
Pendant LED (Flared)	>35-40	3,369	13	14.22	0.65	(R) (D) (C)
	>40-45	3,797	15	14.22	0.65	
	>45-50	4,438	16	14.22	0.65	
	>50-55	5,079	18	15.33	0.68	
	>55-60	5,475	20	15.33	0.68	
	>60-65	6,068	21	15.33	0.68	
	>65-70	6,661	23	16.11	0.70	
	>70-75	7,034	25	16.11	0.70	
	>75-80	7,594	26	16.30	0.71	
>80-85	8,153	28	16.30	0.71		
Post-Top, American Revolution LED	>30-35	3,395	11	6.61	0.45	
	>45-50	4,409	16	6.96	0.46	
Flood LED	>80-85	10,530	28	6.64	0.45	
	>120-130	16,932	43	7.17	0.47	
	>180-190	23,797	63	8.25	0.50	
	>370-380	48,020	127	12.73	0.61	

**SCHEDULE 100 (Concluded)**

SUMMARY OF APPLICABLE ADJUSTMENTS (Continued)

Schs.	131	132	134	135	136	137	138	139	142	143	145	146	149	150
7	x	x	x	x	x	x	x		x	x	x	x	x	x
15	x	x	x	x	x	x	x		x	x	x	x	x	x
32	x	x	x	x	x	x	x		x	x	x	x	x	x
38	x	x	x	x	x	x	x		x	x	x	x	x	x
47	x	x	x	x	x	x	x		x	x	x	x	x	x
49	x	x	x	x	x	x	x		x	x	x	x	x	x
75	x	x	x	x	x	x	x		x	x	x	x	x	x
76	x	x	x						x				x	
83	x	x	x	x	x	x	x		x	x	x	x	x	x
85	x	x	x	x	x	x	x		x	x	x	x	x	x
89	x	x	x	x	x	x	x		x	x	x	x	x	x
90	x	x	x	x	x	x	x		x	x	x	x	x	x
91	x	x	x	x	x	x	x		x	x	x	x	x	x
92	x	x	x	x	x	x	x		x	x	x	x	x	x
95	x	x	x	x	x	x	x		x	x	x	x	x	x
485	x	x	x			x	x		x	x			x	x
489	x	x	x			x	x		x	x			x	x
490	x	x	x			x	x		x	x			x	x
491	x	x	x			x	x		x	x			x	x
492	x	x	x			x	x		x	x			x	x
495	x	x	x			x	x		x	x			x	x
515	x	x	x	x	x	x	x		x	x	x	x	x	x
532	x	x	x	x	x	x	x		x	x	x	x	x	x
538	x	x	x	x	x	x	x		x	x	x	x	x	x
549	x	x	x	x	x	x	x		x	x	x	x	x	x
575	x	x	x	x	x	x	x		x	x	x	x	x	x
576	x	x	x						x				x	
583	x	x	x	x	x	x	x		x	x	x	x	x	x
585	x	x	x	x	x	x	x		x	x	x	x	x	x
589	x	x	x	x	x	x	x		x	x	x	x	x	x
590	x	x	x	x	x	x	x		x	x	x	x	x	x
591	x	x	x	x	x	x	x		x	x	x	x	x	x
592	x	x	x	x	x	x	x		x	x	x	x	x	x
595	x	x	x	x	x	x	x		x	x	x	x	x	x
689	x		x		x	x	x	x	x	x			x	x

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1. Where applicable.
2. These adjustments are applicable only to the Baseline and Scheduled Maintenance Energy.
3. Schedule 108 applies to the sum of all charges less taxes, Schedule 109 and 115 charges and one-time charges such as deposits.
4. Applicable to Nonresidential Customer who receive service at Daily pricing (other than Cost of Service) or Direct Access (excluding service on Schedules 485, 489, 490, 491, 492 and 495).
5. Not applicable to Customers where service was received for the entire calendar year that the Annual Power Cost Variance accrued.

**SCHEDULE 122  
RENEWABLE RESOURCES AUTOMATIC ADJUSTMENT CLAUSE**

**PURPOSE**

This Schedule recovers the revenue requirements of qualifying Company-owned or contracted new renewable energy resource and energy storage projects associated with renewable energy resources (including associated transmission) not otherwise included in rates. Additional new renewable and energy storage projects associated with renewable energy resources may be incorporated into this schedule as they are placed in service. This adjustment schedule is implemented as an automatic adjustment clause as provided for under ORS 757.210 and Section 13 of the Oregon Renewable Energy Act (OREA).

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To all bills for Electricity Service except Schedules 76, 485, 489, 490, 491, 492, 495, 576 and 689. This schedule is not applicable to direct access customers after December 31, 2010.

**ADJUSTMENT RATE**

The Adjustment Rate, applicable for service on and after the effective date of this schedule are:

	<u>Schedule</u>	<u>Adjustment Rate</u>	
7		0.000	¢ per kWh
15		0.000	¢ per kWh
32		0.000	¢ per kWh
38		0.000	¢ per kWh
47		0.000	¢ per kWh
49		0.000	¢ per kWh
75			
	Secondary	0.000	¢ per kWh
	Primary	0.000	¢ per kWh
	Subtransmission	0.000	¢ per kWh
83		0.000	¢ per kWh
85			
	Secondary	0.000	¢ per kWh
	Primary	0.000	¢ per kWh

(R)

(R)

**SCHEDULE 122 (Continued)**

ADJUSTMENT RATE (Continued)

	<u>Schedule</u>	<u>Adjustment Rate</u>	
89	Secondary	0.000 ¢ per kWh	(R)
	Primary	0.000 ¢ per kWh	
	Subtransmission	0.000 ¢ per kWh	
90	Primary	0.000 ¢ per kWh	(R)
	Subtransmission	0.000 ¢ per kWh	
91		0.000 ¢ per kWh	(R)
92		0.000 ¢ per kWh	(R)
95		0.000 ¢ per kWh	(R)

**ANNUAL REVENUE REQUIREMENTS**

The Annual Revenue Requirements of a qualifying project will include the fixed costs of the renewable resource or energy storage project associated with renewable energy resources and associated transmission (including return on and return of the capital costs), operation and maintenance costs, income taxes, property taxes, and other fees and costs that are applicable to the renewable resource or energy storage project associated with renewable energy resources or associated transmission. Until the dispatch benefits are included in the Annual Power Cost Update Schedule 125, the net revenue requirements of each project (fixed costs less market value of the energy produced by the renewable resource or energy storage project associated with renewable energy resources plus any power costs such as fuel, integration and wheeling costs) will be deferred and included in the Schedule 122 rates. By no later than April 1 of each year following the resource’s on-line date, the Company will file an update to the revenue requirements of resources included in this schedule to recognize projected changes for the following calendar year. Should the final determination of a Schedule 122 filing for a new resource not allow for inclusion of its net variable power costs (NVPC) in the AUT, these will be included in the Schedule 122 revenue requirement used to set initial prices. In this circumstance, the resource’s NVPC impacts will subsequently be removed from Schedule 122 prices and included in the AUT at the next available opportunity.

**DEFERRAL MECHANISM**

For each calendar year that the Company anticipates that a new renewable resource or energy storage project associated with renewable energy resources will commence operation, the Company may file a deferral request the earlier of the resource online date or April 1. The deferral amount will be for the fixed revenue requirements of the resource less net dispatch benefits. For purposes of determining dispatch benefits, the forward curves used to set rates for the year under the Annual Power Cost Update will be used. The deferral will be amortized over the next calendar year in Schedule 122 unless otherwise approved by the Oregon Public Utility Commission (OPUC). The balancing account will accrue interest at the Commission-authorized rate for deferred accounts, and the amortization of the deferred amount will not be subject to the provisions of ORS 757.259(5).



**SCHEDULE 123 (Continued)**

DECOUPLING ADJUSTMENT (Continued)

<u>Schedule</u>	<u>Adjustment Rate</u>	
85		
Secondary	0.010 ¢ per kWh	
Primary	0.010 ¢ per kWh	
89		
Secondary	0.010 ¢ per kWh	
Primary	0.010 ¢ per kWh	
Subtransmission	0.010 ¢ per kWh	
90		
Primary	0.010 ¢ per kWh	(C)
Subtransmission	0.010 ¢ per kWh	(N)
91	0.010 ¢ per kWh	
92	0.010 ¢ per kWh	
95	0.010 ¢ per kWh	
485		
Secondary	0.002 ¢ per kWh	
Primary	0.002 ¢ per kWh	
489		
Secondary	0.002 ¢ per kWh	
Primary	0.002 ¢ per kWh	
Subtransmission	0.002 ¢ per kWh	
490		
Primary	0.002 ¢ per kWh	(C)
Subtransmission	0.002 ¢ per kWh	(N)
491	0.002 ¢ per kWh	
492	0.002 ¢ per kWh	
495	0.002 ¢ per kWh	
515	0.010 ¢ per kWh	
532	0.262 ¢ per kWh	
538	0.010 ¢ per kWh	
549	0.010 ¢ per kWh	

**SCHEDULE 123 (Continued)**

DECOUPLING ADJUSTMENT (Continued)

<u>Schedule</u>	<u>Adjustment Rate</u>
575	
Secondary	0.010 ¢ per kWh
Primary	0.010 ¢ per kWh
Subtransmission	0.010 ¢ per kWh
583	0.211 ¢ per kWh
585	
Secondary	0.010 ¢ per kWh
Primary	0.010 ¢ per kWh
589	
Secondary	0.010 ¢ per kWh
Primary	0.010 ¢ per kWh
Subtransmission	0.010 ¢ per kWh
590	
Primary	0.010 ¢ per kWh
Subtransmission	0.010 ¢ per kWh
592	0.010 ¢ per kWh
595	0.010 ¢ per kWh
689	
Secondary	0.002 ¢ per kWh
Primary	0.002 ¢ per kWh
Subtransmission	0.002 ¢ per kWh

(C)  
(N)

**TIME AND MANNER OF FILING**

Commencing in 2014, the Company will submit to the Commission the following information by November 1 of each year:

1. The proposed price changes to this Schedule to be effective on January 1st of the subsequent year based on a) the amounts in the SNA Balancing Accounts and b) the amount in the LRRR Balancing Account.
2. Revisions to this Schedule which reflect the new proposed prices and supporting work papers detailing the calculation of the new proposed prices and the SNA weather-normalizing adjustments.

**SCHEDULE 123 (Concluded)**

**SPECIAL CONDITIONS**

1. The Fixed Charge Energy Rate, Monthly Fixed Charge per Customer and the Lost Revenue Rate will be updated concurrently with a change in the applicable base revenues used to determine the rates.
2. Weather-normalized energy usage by applicable rate schedule will be determined in a manner equivalent to that used for determining the forecasted loads used to establish base rates.
3. No revision to any SNA or LRRR Adjustment Rate will result in an estimated average annual rate increase greater than 2% to the applicable SNA or LRRR rate schedule, based on the net rates in effect on the effective date of the Schedule 123 rate revisions. Rate revisions resulting in a rate decrease are not subject to the 2% limit.
4. The LRRR prices for Customers served under the provisions of Schedules 485, 489, 490, 491, 492, 495 and 689 will be calculated to apply to distribution services only.
5. The SNA and LRRR mechanisms will terminate on May 8, 2022. Balances accrued up to that point will be subject to subsequent adjustment. (C)  
(C)

**SCHEDULE 125 (Concluded)**

**ADJUSTMENT RATES**

Schedule		¢ per kWh	(R)
7		0.000	
15		0.000	
32		0.000	
38		0.000	
47		0.000	
49		0.000	
75		0.000	
	Secondary	0.000 <sup>(1)</sup>	
	Primary	0.000 <sup>(1)</sup>	
	Subtransmission	0.000 <sup>(1)</sup>	
83		0.000	
85		0.000	
	Secondary	0.000	
	Primary	0.000	
89		0.000	
	Secondary	0.000	
	Primary	0.000	
	Subtransmission	0.000	
90		0.000	(R)
	Primary	0.000	(N)
	Subtransmission	0.000	(R)
91		0.000	(R)
92		0.000	
95		0.000	(R)

(1) Applicable only to the Baseline and Scheduled Maintenance Energy.

**SPECIAL CONDITIONS**

- Costs recovered through this schedule will be allocated to each schedule using the applicable schedule's forecasted energy on the basis of an equal percent of generation revenue applied on a cents per kWh basis to each applicable rate schedule.

**SCHEDULE 129  
LONG-TERM TRANSITION COST ADJUSTMENT**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

Applicable to Large Nonresidential Customers that have selected service under Schedules 485, 489, 490, 491, 492, and 495.

**TRANSITION COST ADJUSTMENT**

Minimum Five Year Opt-Out

For Enrollment Periods A - O: 0.000 ¢ per kWh

The Schedule 129 Transition Cost Adjustment will be updated to reflect OPUC-approved changes in fixed generation costs during the five-year period.

For Enrollment Period P (2017), the current Transition Cost Adjustments are:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh
2018	3.339	3.294	3.007	2.953	2.892	2.732	2.805
2019	3.072	3.031	2.760	2.711	2.653	2.513	2.546
2020	3.072	3.031	2.760	2.711	2.653	2.513	2.546
2021	3.072	3.031	2.760	2.711	2.653	2.513	2.546
2022	2.512	2.497	2.297	2.279	2.246	2.068	2.113
After 2022	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(R)

**SCHEDULE 129 (Continued)**

TRANSITION COST ADJUSTMENT (Continued)  
Minimum Five Year Opt-Out

For Enrollment Period Q (2018), the current Transition Cost Adjustments are:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh
2019	2.972	2.958	2.625	2.576	2.493	2.540	2.511
2020	2.972	2.958	2.625	2.576	2.493	2.540	2.511
2021	2.972	2.958	2.625	2.576	2.493	2.540	2.511
2022	2.412	2.424	2.162	2.144	2.086	2.095	2.078
2023	2.412	2.424	2.162	2.144	2.086	2.095	2.078
After 2023	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(R)  
—  
(R)

For Enrollment Period R (2019), the current Transition Cost Adjustments are:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh
2020	2.376	2.359	2.042	2.004	1.918	1.960	1.968
2021	2.376	2.359	2.042	2.004	1.918	1.960	1.968
2022	1.816	1.825	1.579	1.572	1.511	1.515	1.535
2023	1.816	1.825	1.579	1.572	1.511	1.515	1.535
2024	1.816	1.825	1.579	1.572	1.511	1.515	1.535
After 2024	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(R)  
—  
(R)

**SCHEDULE 129 (Continued)**

TRANSITION COST ADJUSTMENT (Continued)  
Minimum Five Year Opt-Out

For Enrollment Period S (2020), the current Transition Cost Adjustments are:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh	
2021	3.167	3.137	2.801	2.749	2.770	2.704	2.666	
2022	2.475	2.474	2.216	2.197	2.247	2.144	2.119	(R)
2023	2.475	2.474	2.216	2.197	2.247	2.144	2.119	—
2024	2.475	2.474	2.216	2.197	2.247	2.144	2.119	
2025	2.475	2.474	2.216	2.197	2.247	2.144	2.119	(R)
After 2025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

For Enrollment Period T (2021), the current Transition Cost Adjustments are:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh	
2022	0.851	0.845	0.590	0.602	0.606	0.564	0.669	
2023	0.851	0.845	0.590	0.602	0.606	0.564	0.669	(R)
2024	0.851	0.845	0.590	0.602	0.606	0.564	0.669	—
2025	0.851	0.845	0.590	0.602	0.606	0.564	0.669	
2026	0.851	0.845	0.590	0.602	0.606	0.564	0.669	
After 2026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(R)

**SCHEDULE 129 (Concluded)**

**SPECIAL CONDITIONS**

1. Annually, the total amount paid in Schedule 129 Long-Term Transition Cost Adjustments associated with Enrollment Periods A through K will be collected through applicable Large Nonresidential rate schedules (Schedules 75, 85, 89, 90, 485, 489, 490, 575, 585, 589 and 590), through either the System Usage or Distribution Charges. Commencing with Enrollment Period L, the Schedule 129 amounts paid or received will be collected from all rate schedules, through either System Usage Charges or Distribution Charges. Such adjustment to the System Usage or Distribution Charges will be made at the time the Company files final rates for Schedule 125, and will be effective on January 1<sup>st</sup> of the following calendar year.
2. Annually, changes in fixed generation revenues resulting from either return to or departure from Cost of Service pricing by Schedules 485, 489, 490, 491, 492, and 495 customers relative to the Company's most recent general rate case will be incorporated into the System Usage Charges or Distribution Charges of all rate schedules. Such adjustment to the System Usage or Distribution Charges will be made at the time the Company files final rates for Schedule 125, and will be effective on January 1<sup>st</sup> of the following calendar year. The adjustment to the System Usage or Distribution Charges resulting from changes in fixed generation revenues shall not result in an overall rate increase or decrease of more than 2 percent except as noted below. For those Enrollment Periods in which the first-year Schedule 129 Transition Adjustments are expected to be positive charges to participants, the projected first-year revenues from Schedule 129 will be netted against the changes in fixed generation costs for purposes of calculating the proposed overall rate increase or decrease. Should the rate increase or decrease exceed 2 percent, the amounts exceeding 2 percent will be deferred for future recovery through a balancing account. This balancing account will be considered an "Automatic Adjustment Clause" as defined in ORS 757.210. For purposes of calculating the percent change in rates, Schedule 125 prices with and without the increased/decreased participating load will be determined.
3. In determining changes in fixed generation revenues from movement to or from Schedules 485, 489, 490, 491, 492, and 495, the following factors will be used:

Schedule		¢ per kWh
85	Secondary	3.080
	Primary	3.041
89	Secondary	2.934
	Primary	2.902
	Subtransmission	2.882
90		2.873
91		2.750
92		2.750
95		2.750

(R)  
|  
(R)

**TERM**

The term of applicability under this schedule will correspond to a Customer's term of service under Schedules 485, 489, 490, 491, 492 or 495.



**SCHEDULE 137  
CUSTOMER-OWNED SOLAR PAYMENT OPTION  
COST RECOVERY MECHANISM**

**PURPOSE**

This Schedule recovers the costs associated with the Solar Payment Option pilot not otherwise included in rates. This adjustment schedule is implemented as an “automatic adjustment clause” as provided for under ORS 757.210, and defined in Renewable Portfolio Standards.

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To all bills for Electricity Service except Schedules 76Rand 576R.

(C)

**ADJUSTMENT RATES**

The Adjustment Rates, applicable for service on and after the effective date of this schedule will be:

<u>Schedule</u>	<u>Adjustment Rate</u>	
7	0.005 ¢ per kWh	
15	0.003 ¢ per kWh	
32	0.004 ¢ per kWh	
38	0.005 ¢ per kWh	(I)
47	0.007 ¢ per kWh	(I)
49	0.005 ¢ per kWh	
75		
Secondary	0.002 ¢ per kWh <sup>(1)</sup>	(R)
Primary	0.002 ¢ per kWh <sup>(1)</sup>	
Subtransmission	0.003 ¢ per kWh <sup>(1)</sup>	
83	0.003 ¢ per kWh	
85		
Secondary	0.003 ¢ per kWh	
Primary	0.003 ¢ per kWh	(R)

(1) Applicable only to the Baseline and Scheduled Maintenance Energy.

**SCHEDULE 137 (Continued)**

ADJUSTMENT RATES (Continued)

<u>Schedule</u>	<u>Adjustment Rate</u>		
89			
Secondary	0.002	¢ per kWh	(R)
Primary	0.002	¢ per kWh	
Subtransmission	0.003	¢ per kWh	
90			
Primary	0.002	¢ per kWh	(R)
Subtransmission	0.002	¢ per kWh	(N)
91	0.003	¢ per kWh	
92	0.003	¢ per kWh	(R)
95	0.003	¢ per kWh	
485			(N)
Secondary	0.003	¢ per kWh	
Primary	0.003	¢ per kWh	
489			
Secondary	0.002	¢ per kWh	
Primary	0.002	¢ per kWh	
Subtransmission	0.003	¢ per kWh	
490			
Primary	0.002	¢ per kWh	
Subtransmission	0.002	¢ per kWh	
491	0.003	¢ per kWh	
492	0.003	¢ per kWh	
495	0.003	¢ per kWh	(N)
515	0.003	¢ per kWh	
532	0.004	¢ per kWh	
538	0.005	¢ per kWh	(I)
549	0.005	¢ per kWh	
575			
Secondary	0.002	¢ per kWh <sup>(1)</sup>	(R)
Primary	0.002	¢ per kWh <sup>(1)</sup>	
Subtransmission	0.003	¢ per kWh <sup>(1)</sup>	(R)

(1) Applicable only to the Baseline and Scheduled Maintenance Energy.

**SCHEDULE 137 (Concluded)**

ADJUSTMENT RATES (Continued)

583	0.003	¢ per kWh	(T)
585			(R)(M)
Secondary	0.003	¢ per kWh	
Primary	0.003	¢ per kWh	
589			
Secondary	0.002	¢ per kWh	
Primary	0.002	¢ per kWh	
Subtransmission	0.003	¢ per kWh	(M)
590			
Primary	0.002	¢ per kWh	(R)
Subtransmission	0.002	¢ per kWh	(N)
591	0.003	¢ per kWh	
592	0.003	¢ per kWh	(R)
595	0.003	¢ per kWh	(R)
689			(N)
Secondary	0.002	¢ per kWh	
Primary	0.002	¢ per kWh	
Subtransmission	0.003	¢ per kWh	(N)

**BALANCING ACCOUNT**

The Company will maintain a balancing account to accrue differences between the incremental costs associated with the Solar Payment Option pilot and the revenues collected under this schedule. This balancing account will accrue interest at the Commission-authorized rate for deferred accounts.

**DEFERRAL MECHANISM**

Each year the Company may file a deferral request. The deferral will be amortized over one year in this schedule unless otherwise directed by the Oregon Public Utility Commission.

**SPECIAL CONDITION**

- Costs recovered through this schedule will be allocated to each schedule using the applicable schedule's forecasted energy on the basis of an equal percent of revenue applied on a cents per kWh basis to each applicable rate schedule, with long-term opt out and new load direct access customers priced at the equivalent cost of service rate schedule. (C)

**SCHEDULE 138  
ENERGY STORAGE COST RECOVERY MECHANISM**

**PURPOSE**

This Schedule recovers the expenses associated with HB 2193 energy storage pilots not otherwise included in rates. This adjustment schedule is implemented as an automatic adjustment clause as provided for under ORS 757.210.

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To all bills for Electricity Service except Schedules 76R, 485, 489, 490, 491, 492, 495 and 576R and 689.

**ADJUSTMENT RATE**

The Adjustment Rate, applicable for service on and after the effective date of this schedule are:

<u>Schedule</u>	<u>Adjustment Rate</u>
7	0.004 ¢ per kWh
15/515	0.003 ¢ per kWh
32/532	0.004 ¢ per kWh
38/538	0.003 ¢ per kWh
47	0.006 ¢ per kWh
49/549	0.006 ¢ per kWh
75/575	
Secondary	0.003 ¢ per kWh
Primary	0.003 ¢ per kWh
Subtransmission	0.003 ¢ per kWh
83/583	0.004 ¢ per kWh
85/585	
Secondary	0.004 ¢ per kWh
Primary	0.003 ¢ per kWh

**SCHEDULE 138 ( Concluded)**

ADJUSTMENT RATE (Continued)

<u>Schedule</u>	<u>Adjustment Rate</u>	
89/589		
Secondary	0.003	¢ per kWh
Primary	0.003	¢ per kWh
Subtransmission	0.003	¢ per kWh
90/590		
Primary	0.003	¢ per kWh
Subtransmission	0.003	¢ per kWh
91/591	0.003	¢ per kWh
92/592	0.003	¢ per kWh
95/595	0.003	¢ per kWh

**BALANCING ACCOUNT**

The Company will maintain a balancing account to accrue differences between the incremental costs associated with automated demand response and the revenues collected under this schedule. This balancing account will accrue interest at the Commission-authorized rate for deferred accounts.

**DEFERRAL MECHANISM**

Each year the Company may file a deferral request to defer the incremental costs associated with the implementation and administration of the energy storage pilots. The rate on this schedule recovers only the incremental costs for implementation and administration of energy storage pilots. The deferral will be amortized over one year in this schedule unless otherwise approved by the Oregon Public Utility Commission.

**SPECIAL CONDITION**

1. Costs recovered through this schedule will be allocated to each schedule using the applicable schedule's forecasted energy on the basis of an equal percent of generation revenue applied on a cents per kWh basis to each applicable rate schedule.

**SCHEDULE 139  
NEW LARGE LOAD TRANSITION COST ADJUSTMENT**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

Applicable to Large Nonresidential Customers that have selected New Large Load Cost-of-Service Opt-Out service under Schedule 689. This transition adjustment will be paid when the Customer begins service under Schedule 689. This transition adjustment represents 20 percent of the Company's fixed generation costs and is subject to change annually during the Customer's five-years enrolled in Schedule 689. At the end of the Customer's five-year payment term of these transition adjustments, the Customer will no longer be subject to the charges in this rate schedule. The Customer will not be subject to the charges in this rate schedule with at least three years of notification to the Company of a return to cost-of-service pricing.

**TRANSITION COST ADJUSTMENT**

Minimum Five Year Opt-Out

For Period 1 (2020), the Transition Cost Adjustment will be:

Period	Sch. 689 Secondary Voltage ¢ per kWh	Sch. 689 Primary Voltage ¢ per kWh	Sch. 689 Subtransmission Voltage ¢ per kWh
2020	0.679	0.667	0.658
2021	0.702	0.689	0.680
2022	0.587	0.580	0.576
2023	0.587	0.580	0.576
2024	0.587	0.580	0.576
2025*	0.587	0.580	0.576
After 2026	0.000	0.000	0.000

(R)  
|  
(R)

For Period 2 (2021), the Transition Cost Adjustment will be:

Period	Sch. 689 Secondary Voltage ¢ per kWh	Sch. 689 Primary Voltage ¢ per kWh	Sch. 689 Subtransmission Voltage ¢ per kWh
2021	0.702	0.689	0.680
2022	0.587	0.580	0.576
2023	0.587	0.580	0.576
2024	0.587	0.580	0.576
2025	0.587	0.580	0.576
2026*	0.587	0.580	0.576
After 2027	0.000	0.000	0.000

(R)  
|  
(R)

\*Applicable pricing only to completion of five-year period and zero thereafter.

**SCHEDULE 139 (Concluded)**

TRANSITION COST ADJUSTMENT (Continued)

For Period 3 (2022), the Transition Cost Adjustment will be:

Period	Sch. 689 Secondary Voltage ¢ per kWh	Sch. 689 Primary Voltage ¢ per kWh	Sch. 689 Subtransmission Voltage ¢ per kWh	(R)
2022	0.587	0.580	0.576	
2023	0.587	0.580	0.576	
2024	0.587	0.580	0.576	
2025	0.587	0.580	0.576	
2026	0.587	0.580	0.576	
2027*	0.587	0.580	0.576	
After 2028	0.000	0.000	0.000	

\*Applicable pricing only to completion of five-year period and zero thereafter.

(N)

**SPECIAL CONDITIONS**

1. Annually, the total amount collected in Schedule 139 New Large Load Transition Cost Adjustments will be incorporated into all rate schedules, through either System Usage Charges or Distribution Charges. Such adjustment to the System Usage or Distribution Charges will be made at the time the Company files final rates for Schedule 125, and will be effective on January 1<sup>st</sup> of the following calendar year.
2. Annually, changes in fixed generation revenues resulting from either return to or departure from Cost of Service pricing by Schedules 689 Customers relative to the Company's most recent general rate case will be incorporated into the System Usage Charges or Distribution Charges of all rate schedules. Such adjustment to the System Usage or Distribution Charges will be made at the time the Company files final rates for Schedule 125, and will be effective on January 1<sup>st</sup> of the following calendar year. The adjustment to the System Usage or Distribution Charges resulting from changes in fixed generation revenues shall not result in an overall rate increase or decrease of more than 2 percent except as noted below. For those Enrollment Periods in which the first-year Schedule 139 Transition Adjustments are expected to be positive charges to participants, the projected first-year revenues from Schedule 139 will be netted against the changes in fixed generation costs for purposes of calculating the proposed overall rate increase or decrease. Should the rate increase or decrease exceed 2 percent, the amounts exceeding 2 percent will be deferred for future recovery through a balancing account. This balancing account will be considered an "Automatic Adjustment Clause" as defined in ORS 757.210. For purposes of calculating the percent change in rates, Schedule 125 prices with and without the increased/decreased participating load will be determined.

**TERM**

The term of applicability under this schedule will correspond to a Customer's term of service under Schedules 689 but will not exceed 60 months.

**SCHEDULE 146  
COLSTRIP POWER PLANT  
OPERATING LIFE ADJUSTMENT**

**PURPOSE**

This schedule establishes the mechanism to implement in rates the Company’s share of the full revenue requirement for the Colstrip Power Plant Units 3 and 4 and associated common facilities. This schedule is implemented as an “automatic adjustment clause” as defined in ORS 757.210.

(C)  
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(C)

**APPLICABLE**

To all bills for Electricity Service except Schedules 76R, 485, 489, 490, 491, 492, 495, 576R and 689.

**ADJUSTMENT RATES**

Schedule 146 Adjustment Rates will be set based on an equal percent of Energy Charge revenues applicable at the time of any filing that revises rates pursuant to this schedule.

<u>Schedule</u>	<u>Adjustment Rate</u>	
7	0.440	¢ per kWh
15/515	0.340	¢ per kWh
32/532	0.381	¢ per kWh
38/538	0.352	¢ per kWh
47	0.422	¢ per kWh
49/549	0.432	¢ per kWh
75/575		
Secondary	0.351	¢ per kWh
Primary	0.347	¢ per kWh
Subtransmission	0.354	¢ per kWh
83/583	0.376	¢ per kWh
85/585		
Secondary	0.365	¢ per kWh
Primary	0.354	¢ per kWh
89/589		
Secondary	0.351	¢ per kWh
Primary	0.347	¢ per kWh
Subtransmission	0.354	¢ per kWh

(I)  
|  
(I)



**SCHEDULE 146 (Continued)**

(T)

**ADJUSTMENT RATE (Continued)**

<u>Schedule</u>	<u>Adjustment Rate</u>	
90/590		
Primary	0.326	¢ per kWh
Subtransmission	0.326	¢ per kWh
91/591	0.321	¢ per kWh
92/592	0.338	¢ per kWh
95/595	0.321	¢ per kWh

(I)(C)  
(N)  
(I)  
(I)

**PART A- DECOMMISSIONING AMOUNTS**

Part A consists of the revenue requirements related to decommissioning of the Colstrip Power Plant Units 3 and 4. The decommissioning revenue requirement computation will use the Commission-authorized tax rates, revenue sensitive cost rates, rate of return and return on equity rates.

(N)(M)

**PART B- DEPRECIATION AMOUNTS**

Part B consists of the revenue requirements related to depreciation of the Colstrip Power Plant Units 3 and 4. The depreciation revenue requirement computation will use the Commission-authorized tax rates, revenue sensitive cost rates, rate of return and return on equity rates.

**PART C- REMAINING AMOUNTS**

Part C consists of the full revenue requirement associated with the Colstrip Power Plant Units 3 and 4 and associated common facilities (including all identifiable capital- and expense-related costs and other revenues), excluding associated transmission facilities, costs allowable for recovery through PGE's existing Schedule 125 (Annual Power Cost Update), and amounts identified in Parts A and B above. The revenue requirement computation will use the Commission-authorized tax rates, revenue sensitive cost rates, rate of return, and return on equity rates.

(N)

(M)  
(D)

**SCHEDULE 146 (Concluded)**

**DETERMINATION OF ADJUSTMENT AMOUNTS**

The Adjustment Rates will be updated annually to reflect the subsequent year's change in the Colstrip Power Plant Units 3 and 4 decommissioning revenue requirement and depreciation revenue requirement (Parts A and B). Any additional updates (Part C) to this schedule can only be made pursuant to 1) the removal of Colstrip from regulated service, or 2) rate change requests effectuated through a separate docketed proceeding as allowable through Oregon Revised Statutes and Oregon Administrative Rules (e.g., through a general rate case).

(M)  
|  
(C)  
|  
(C)(M)

**BALANCING ACCOUNT**

The Company will maintain a balancing account to track the difference between the Schedule 146 Part A only amounts and the actual Schedule 146 revenues for Part A. This difference will accrue interest at the Commission-authorized rate for deferred accounts. No other amounts included within Schedule 146 will be subject to balancing account treatment.

(N)  
|

**TIME AND MANNER OF FILING**

Commencing in 2022, the Company will submit to the Commission the following information by November 1 of each year:

1. The proposed price changes to this Schedule to be effective on January 1st of the following year based on the updated revenue requirements described above.
2. Work papers supporting the Schedule 146 prices, the updated depreciation and decommissioning revenue requirements, the projected applicable billing determinants, and the projected balancing account activity.

With respect to a Schedule 146 rate change for the inclusion or update of costs outside of revised decommissioning or operating life adjustments and in compliance with the Commission's findings in separate cost recovery proceeding(s), the Company will file updated Schedule 146 rates by no less than 30 days prior to the rate effective date.

(N)

**SCHEDULE 150**  
**TRANSPORTATION ELECTRIFICATION COST RECOVERY MECHANISM**

**PURPOSE**

This Schedule recovers the costs to support the statewide decarbonization goals and long-term load growth through transportation electrification not otherwise included in rates. Expenditure of the revenue collected under this schedule will be made pursuant to ORS 757.357. This adjustment schedule is implemented as an automatic adjustment clause as provided for under ORS 757.210.

(C)

(C)

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To all bills for Electricity Service except Schedules 76R, and 576R.

**ADJUSTMENT RATE**

The Adjustment Rate, applicable for service on and after the effective date of this schedule are:

(N)

<u>Schedule</u>	<u>Adjustment Rate</u>	
7	0.058	¢ per kWh
15/515	0.073	¢ per kWh
32/532	0.053	¢ per kWh
38/538	0.071	¢ per kWh
47	0.111	¢ per kWh
49/549	0.084	¢ per kWh
75/575		
Secondary	0.017	¢ per kWh
Primary	0.017	¢ per kWh
Subtransmission	0.021	¢ per kWh
83/583	0.026	¢ per kWh
85/585		
Secondary	0.023	¢ per kWh
Primary	0.022	¢ per kWh
89/589		
Secondary	0.017	¢ per kWh
Primary	0.017	¢ per kWh
Subtransmission	0.021	¢ per kWh

(I)

(I)

**SCHEDULE 150 (Continued)**

(T)

ADJUSTMENT RATE (Continued)

<u>Schedule</u>	<u>Adjustment Rate</u>	
90/490/590		
Primary	0.016	¢ per kWh
Subtransmission	0.016	¢ per kWh
91/491/591	0.081	¢ per kWh
92/492/592	0.028	¢ per kWh
95/495/595	0.081	¢ per kWh
485		
Secondary	0.023	¢ per kWh
Primary	0.022	¢ per kWh
489		
Secondary	0.018	¢ per kWh
Primary	0.018	¢ per kWh
Subtransmission	0.021	¢ per kWh
689		
Secondary	0.018	¢ per kWh
Primary	0.018	¢ per kWh
Subtransmission	0.021	¢ per kWh

(I)(C)  
(N)  
(I)

Part A collects a charge to support transportation electrification in accordance with Section 2(2) of House Bill 2165.

Part B recovers costs associated with transportation electrification pilots not otherwise included in rates.

**BALANCING ACCOUNT**

The Company will maintain a balancing account to accrue differences between the incremental costs associated with transportation electrification and the revenues collected under this schedule. This balancing account will accrue interest at the Commission-authorized rate for deferred accounts.

**DEFERRAL MECHANISM**

Each year the Company may file a deferral request to defer the incremental costs associated with the implementation and administration of transportation electrification pilots. The rate on this schedule recovers only the incremental costs for implementation and administration of transportation electrification pilots. The deferral will be amortized over one year in this schedule unless otherwise approved by the Oregon Public Utility Commission.

(I)  
(N)

(N)

**SCHEDULE 150 (Concluded)**

**SPECIAL CONDITIONS**

1. For part A, the adjustment rate of the transportation electrification charges will be updated every year. The forecasted total retail revenue will be based on the rates in effect on January 1 of each year.
2. For part B, the costs associated with Docket No. UM 1938 and UM 2003 will be created for each schedule using applicable schedule's forecasted energy on the basis of an equal percent of distribution revenue applied on a cents per kWh basis to each applicable rate schedule, with long-term opt out and new load direct access customers priced at the equivalent cost of service rate schedule.
3. For part B, any future costs associated with transportation electrification pilots will be created for each schedule using applicable schedule's forecasted energy on the basis of an equal percent of revenue applied on a cents per kWh basis to each applicable rate schedule, with long-term opt out and new load direct access customers priced at the equivalent cost of service rate schedule.

(M)  
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(C)  
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(C)  
|  
(C)(M)  
|  
(N)  
|  
(N)

**SCHEDULE 300 (Continued)**

**LINE EXTENSIONS (Rule I)**

Line Extension Allowance (Section 1)<sup>(1)</sup>

Residential Service All Electric <sup>(2)</sup>	\$2260.00 / dwelling unit	
Residential Service Primary Other <sup>(3)</sup>	\$1590.00 / dwelling unit	
Schedule 32	\$0.2564 / estimated annual kWh	(I)
Schedules 38 and 83	\$0.1050 / estimated annual kWh	
Schedules 85 and 89 Secondary Voltage Service	\$0.0778 / estimated annual kWh	
Schedules 85 and 89 Primary Voltage Service	\$0.0429 / estimated annual kWh	
Schedules 15, 91 and 95 Outdoor Lighting	\$0.1529 / estimated annual kWh	(I)
Schedule 92 Traffic Signals	\$0.0424 / estimated annual kWh	(R)
Schedules 47 and 49	\$0.0980 / estimated annual kWh	(I)

Trenching or Boring (Section 2)

Trenching and backfilling associated with Service Installation except where General Rules and Regulations require actual cost.

In Residential Subdivisions:

Short-side service connection up to 30 feet	\$ 100.00
Otherwise:	
First 75 feet or less	\$ 219.00
Greater than 75 feet	\$ 3.80 /foot
Mainline trenching, boring and backfilling	Estimated Actual Cost

Lighting Underground Service Areas<sup>(4)</sup>

Installation of conduit on a wood pole for lighting purposes	\$ 75.00 per pole
--	-------------------

- (1) Estimated annual kWh values used to calculate non-Residential Customer line extension allowances do not reflect onsite generation.
- (2) Residential All Electric Service is a dwelling where the primary heating is provided by an active electric HVAC-system. Common qualifying system include but are not limited to stand-alone ducted heat pumps, ducted heat pumps with auxiliary electric resistant heat strips, ductless mini-splits, and packaged terminal air conditioners. Electric resistant heat strips, baseboards, and electric resistant in-wall heaters are allowed as back-up heat source. Dwellings heated solely by electric resistance heating systems without a primary qualifying electric heating system are excluded from the Residential All Electric Service Line extension allowance.
- (3) Residential Service Primary Other is a dwelling where the primary heating source is provided by an alternative HVAC-system that uses heating fuels such as natural gas, propane, oil, and biodiesel. Common qualifying HVAC-systems include but are not limited to stand-alone combustion furnaces, combustion furnaces with air conditioners, combustion furnaces with heat pumps, as well as gas boilers. Dwellings heated primarily by electric resistance heating and passive means also fall into this category.
- (4) Applies only to 1-inch conduit without brackets.

**SCHEDULE 300 (Concluded)**

LINE EXTENSIONS (Rule I) Continued

Additional Services (Section 3)

(applies solely to Residential Subdivisions in Underground Service Areas)

Service Guarantee	\$ 100.00
Wasted Trip Charge	\$ 100.00
Service Locate Charge	\$ 30.00
Long-Side Service Connection	\$ 120.00

**SERVICE OF LIMITED DURATION (Rule L)**

Standard Temporary Service

Service Connection Required:

No permanent Customer obtained	\$1077.00	(I)
Permanent Customer obtained		
Overhead Service	\$607.00	(I)
Underground Service	\$632.00	(I)
Existing service	\$819.00	(I)

Enhanced Temporary Service

Fixed fee for initial 6-month period	\$865.00	(C)
Fixed fee per 6-month renewal	\$354.00	(C)

Temporary Area Lights

Estimated Actual Cost<sup>(1)</sup>

**PGE TRAINING**

Educational and Energy Efficiency (EE) training available to:

PGE Business Customer	No Charge <sup>(2)</sup>
Non-PGE Business Customer	Estimated Actual Cost <sup>(3)</sup>

- 
- (1) Based on install, removal and energy for pole and luminaire. Energy will be calculated based on burning hours used for Option C Schedule 91, 95
  - (2) Charges may be assessed for training courses registered through the states of Oregon and Washington for electrical licensees.
  - (3) Based on the cost associated with instructor, facility, food, and materials per attendee.

**SCHEDULE 485  
LARGE NONRESIDENTIAL  
COST OF SERVICE OPT-OUT  
(201 - 4,000 kW)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customer whose Demand has exceeded 200 kW more than six times in the preceding 13 months but has not exceeded 4,000 kW more than once in the preceding 13 months, or with seven months or less of service has not had a Demand exceeding 4,000 kW and who has previously enrolled in a long-term opt-out window. To obtain service under this schedule, Customers must initially enroll a minimum of 1 MWA determined by a demonstrated usage pattern such that projected usage for a full 12 months is at least 8,760,000 kWh (1 MWA) from one or more Service Points (SPs). Each SP must have a Facility Capacity of at least 250 kW. Customers with existing enrolled SPs meeting the 1 MWA criteria above may, in a subsequent enrollment window enroll additional SPs so long as the 250 kW Facility Capacity requirement is met. Service under this schedule is limited to the first 300 MWA that applies to Schedules 485, 489, 490, 491, 492, and 495. Beginning with the September 2004 Enrollment Period\*\*\* C, Customers have a minimum five-year option and a fixed three-year option.

**MONTHLY RATE**

The Monthly Rate will be the sum of the following charges at the applicable Delivery Voltage per SP\*:

	<u>Delivery Voltage</u>		
	<u>Secondary</u>	<u>Primary</u>	
<u>Basic Charge</u>	\$810.00	\$770.00	(I)
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity			
First 200 kW	\$3.24	\$3.21	(I)
Over 200 kW	\$2.04	\$2.01	(I)
per kW of monthly On-Peak Demand	\$1.47	\$1.46	(R)
<u>System Usage Charge</u>			
per kWh	0.117 ¢	0.117 ¢	(I)

\* See Schedule 100 for applicable adjustments.

\*\* The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the SP.

\*\*\* A list of Enrollment Periods can be found in Schedule 129.



**SCHEDULE 485 (Continued)**

**MARKET BASED PRICING OPTION**

Energy Supply

The Customer may elect to purchase Energy from an Electricity Service Supplier (ESS) (Direct Access Service) or from the Company. Such election will be for all of the Customer's SPs under this schedule.

Direct Access Service

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS.

Company Supplied Energy

Upon not less than five business days notice, the Customer may choose the Company Supplied Energy Charge option. The election of this option will be effective on the next regularly scheduled meter reading date, but with not less than a five business day notice to the Company prior to the scheduled meter read date.

The Company Supplied Energy Option is the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Index) plus 2 mills per kWh 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. Prices reported with no transaction volume or as "survey-based" will be considered reported.

Wheeling Charge

The Wheeling Charge will be \$1.850 per kW of monthly Demand.

(I)

Transmission Charge

Transmission and Ancillary Service Charges will be as specified in the Company's Open Access Transmission Tariff (OATT) as filed and approved by the Federal Energy Regulatory Commission.

### SCHEDULE 485 (Continued)

#### FACILITY CAPACITY

The Facility Capacity will be the average of the two greatest non-zero monthly Demands established anytime during the 12-month period which includes and ends with the current Billing Period.

#### CHANGE IN APPLICABILITY

If a Customer's usage changes such that their facility capacity falls below 201 kW, the customer will be moved to an otherwise applicable rate schedule.

#### MINIMUM CHARGE

The minimum charge will be the Basic and Distribution Charges. In addition, the Company may require the Customer to execute a written agreement specifying a higher minimum charge or minimum Facility Capacity and/or Demand, if necessary, to justify the Company's investment in Facilities. The minimum monthly On-Peak Demand (in kW) will be 100 kW for primary voltage service.

#### ON AND OFF PEAK HOURS

On-peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

#### LOSSES

The following adjustment factors will be used where losses are to be included in the Energy Charges:

Primary Delivery Voltage	1.0530
Secondary Delivery Voltage	1.0640

(I)  
(R)

#### REACTIVE DEMAND CHARGE

In addition to the Monthly Rate, the Customer will pay 50¢ for each kilovolt-ampere of Reactive Demand in excess of 40% of the maximum Demand. Such charge is separate from and in addition to the Minimum Charge specified.

#### ADJUSTMENTS

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

**SCHEDULE 489  
LARGE NONRESIDENTIAL  
COST-OF-SERVICE OPT-OUT  
(>4,000 kW)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customer whose Demand has exceeded 4,000 kW more than once within the preceding 13 months and who has previously enrolled in a long-term opt-out window. To obtain service under this schedule, Customers must initially enroll a minimum of 1 MWa determined by a demonstrated usage pattern such that projected usage for a full 12 months is at least 8,760,000 kWh (1 MWa) from one or more Service Points (SPs). Each SP must have a Facility Capacity of at least 250 kW. Customers with existing enrolled SPs meeting the 1 MWa criteria above may, in a subsequent enrollment window enroll additional SPs so long as the 250 kW Facility Capacity requirement is met. Service under this schedule is limited to the first 300 MWa that applies to Schedules 485, 489, 490, 491, 492, and 495. Beginning with the September 2004 Enrollment Period\*\*\* C, Customers have a minimum five-year option and a fixed three-year option.

**MONTHLY RATE**

The Monthly Rate will be the sum of the following charges at the applicable Delivery Voltage per SP\*:

	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>	\$5,290.00	\$3,640.00	\$5,580.00	(I)
<u>Distribution Charges**</u>				
The sum of the following:				
per kW of Facility Capacity				
First 4,000 kW	\$1.33	\$1.32	\$1.32	(R)
Over 4,000 kW	\$1.02	\$1.01	\$1.01	(R)
per kW of monthly On-Peak Demand	\$1.47	\$1.46	\$0.46	(R)
<u>System Usage Charge</u>				
per kWh	0.084 ¢	0.085 ¢	0.085 ¢	(I)

\* See Schedule 100 for applicable adjustments.

\*\* The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the SP.

\*\*\* A list of Enrollment Periods can be found in Schedule 129.

**SCHEDULE 489 (Continued)**

**MARKET BASED PRICING OPTION**

Energy Supply

The Customer may elect to purchase Energy from an Electricity Service Supplier (ESS) (Direct Access Service) or from the Company. Such election will be for all of the Customer's SPs under this schedule.

Direct Access Service

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, Transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS.

Company Supplied Energy

Upon not less than five business days notice, the Customer may choose the Company Supplied Energy Charge option. The election of this option will be effective on the next regularly scheduled meter reading date, but with not less than a five business day notice to the Company prior to the scheduled meter read date.

The Company Supplied Energy Option is the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Index) plus 2 mills per kWh 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. Prices reported with no transaction volume or as "survey-based" will be considered reported.

Wheeling Charge

The Wheeling Charge will be \$1.850 per kW of monthly Demand.

(I)

Transmission Charge

Transmission and Ancillary Service Charges will be as specified in the Company's Open Access Transmission Tariff (OATT) as filed and approved by the Federal Energy Regulatory Commission.

### SCHEDULE 489 (Continued)

#### MINIMUM CHARGE

The minimum charge will be the Basic and Distribution Charges. In addition, the Company may require the Customer to execute a written agreement specifying a higher minimum charge or minimum Facility Capacity and/or Demand, if necessary, to justify the Company's investment in Facilities. The minimum Facility Capacity and Demand (in kW) will be 200 kW and 4,000 kW for primary voltage and subtransmission voltage service respectively.

#### ON AND OFF PEAK HOURS

On-peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

#### LOSSES

The following adjustment factors will be used where losses are to be included in the energy charges:

Subtransmission Delivery Voltage	1.0416	(I)
Primary Delivery Voltage	1.0530	(I)
Secondary Delivery Voltage	1.0640	(R)

#### REACTIVE DEMAND CHARGE

In addition to the Monthly Rate, the Customer will pay 50¢ for each kilovolt-ampere of Reactive Demand in excess of 40% of the maximum Demand. Such charge is separate from and in addition to the Minimum Charge specified.

#### ADJUSTMENTS

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

#### SPECIAL CONDITIONS

Customers selecting this schedule must enter into a service agreement. In addition, the Customer acknowledges that:

1. Customer is giving up the right granted under state law to receive Electricity from the Company at a rate based on the cost of electric generating resources owned in whole or in part by the Company. Customers enrolled for service under the Minimum Five-Year Option during Enrollment Periods\* A through L must give the Company not less than two years notice to terminate service under this schedule. Customers enrolled for service under the minimum Five-Year Option subsequent to Enrollment Period\* L must provide not less than three years notice to terminate service under this schedule. Such notices will be binding.

\* A list of Enrollment Periods can be found in Schedule 129.

**SCHEDULE 490  
LARGE NONRESIDENTIAL  
COST-OF-SERVICE OPT-OUT  
(>4,000 kW and Aggregate to >30 MWa)**

(C)

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customer who meet the following conditions: 1) Individual account demand has exceeded 4,000 kW at least twice within the preceding 13 months, or with seven months or less of service has had a Demand exceeding 4,000 kW; and 2) where combined usage of all accounts meeting condition 1 for the Large Nonresidential Customer aggregate to at least 30MWa in a calendar year; and 3) the customer maintains a load factor of 80% or greater for each account; and 4) who has previously enrolled in a long-term opt-out window. To obtain service under this schedule, Customers must initially enroll a minimum of 1 MWa determined by a demonstrated usage pattern such that projected usage for a full 12 months is at least 8,760,000 kWh (1 MWa) from one or more Service Points (SPs). Each SP must have a Facility Capacity of at least 250 kW. Customers with existing enrolled SPs meeting the 1 MWa criteria above may, in a subsequent enrollment window\*\*\* enroll additional SPs so long as the 250 kW Facility Capacity requirement is met. Service under this schedule is limited to the first 300 MWa that applies to this and Schedules 485, 489, 490, 491, 492, and 495. Customers have a minimum five-year option and a fixed three-year option.

(C)

**MONTHLY RATE**

The Monthly Rate will be the sum of the following charges per SP\*:

	<u>Delivery Voltage</u>		
	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>	\$21,000.00	\$21,000.00	(C) (I) (N)
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity			
First 4,000 kW	\$1.64	\$1.64	(I)
Over 4,000 kW	\$1.33	\$1.33	(I)
per kW of monthly on-peak Demand	\$1.46	\$0.46	(R)
<u>System Usage Charge</u>			
per kWh	0.011¢	0.011¢	(I)(N)

\* See Schedule 100 for applicable adjustments.

\*\* The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the SP.

\*\*\* A list of Enrollment Periods can be found in Schedule 129.

## SCHEDULE 490 (Continued)

### MARKET BASED PRICING OPTION

#### Energy Supply

The Customer may elect to purchase Energy from an Electricity Service Supplier (ESS) (Direct Access Service) or from the Company. Such election will be for all of the Customer's SPs under this schedule.

#### Direct Access Service

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, Transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS.

#### Company Supplied Energy

Upon not less than five business days notice, the Customer may choose the Company Supplied Energy Charge option. The election of this option will be effective on the next regularly scheduled meter reading date, but with not less than a five business day notice to the Company prior to the scheduled meter read date.

The Company Supplied Energy Option is the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Index) plus 2 mills per kWh 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. Prices reported with no transaction volume or as "survey-based" will be considered reported.

#### Wheeling Charge

The Wheeling Charge will be \$1.850 per kW of monthly Demand.

(I)

#### Transmission Charge

Transmission and Ancillary Service Charges will be as specified in the Company's Open Access Transmission Tariff (OATT) as filed and approved by the Federal Energy Regulatory Commission.

### MINIMUM CHARGE

The minimum charge will be the Basic and Distribution Charges. In addition, the Company may require the Customer to execute a written agreement specifying a higher minimum charge or minimum Facility Capacity and/or Demand, if necessary, to justify the Company's investment in Facilities. The minimum Facility Capacity and Demand (in kW) will be 200 kW and 4,000 kW for primary voltage and subtransmission voltage service respectively.

### SCHEDULE 490 (Continued)

#### ON AND OFF PEAK HOURS

On-peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

#### LOSSES

The following adjustment factors will be used where losses are to be included in the energy charges:

Subtransmission Delivery Voltage	1.0416	(I)
Primary Delivery Voltage	1.0530	(I)
Secondary Delivery Voltage	1.0640	(R)

#### REACTIVE DEMAND CHARGE

In addition to the Monthly Rate, the Customer will pay 50¢ for each kilovolt-ampere of Reactive Demand in excess of 40% of the maximum Demand. Such charge is separate from and in addition to the Minimum Charge specified.

#### ADJUSTMENTS

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

#### SPECIAL CONDITIONS

Customers selecting this schedule must enter into a service agreement. In addition, the Customer acknowledges that:

1. Customer is giving up the right granted under state law to receive Electricity from the Company at a rate based on the cost of electric generating resources owned in whole or in part by the Company. Customers enrolled for service under the Minimum Five-Year Option must give the Company not less than three years notice to terminate service under this schedule. Such notice will be binding.
2. At the time service terminates under this schedule, the Customer will be considered anew Customer for purposes of determining available service options. A Customer served under the Company Supplied Energy option must meet the terms of the service agreement associated with that service prior to termination of service under this schedule.



### SCHEDULE 491 (Continued)

#### STREETLIGHT POLES SERVICE OPTIONS (Continued)

##### Option B – Pole maintenance (Continued)

##### Emergency Pole Replacement and Repair

The Company will repair or replace damaged streetlight poles that have been damaged due to the acts of vandalism, damage claim incidences and storm related events that cause a pole to become structurally unsound at no additional cost to the customer.

Without notice to the Customer, individual poles that are damaged or destroyed by unexpected events will be replaced on determination that the pole is unfit for further use as soon as reasonably possible. Replacement is subject to the Company's operating schedules and requirements.

##### Special Provisions for Option B - Poles

1. If damage occurs to any streetlighting pole more than two times in any 12-month period measured from the first incidence of damage that requires replacement, the Customer will be responsible to pay for future installations or mutually agree with the Company and pay to have the pole either completely removed or relocated.
2. Non-Standard or Custom poles are provided at the Company's discretion to allow greater flexibility in the choice of equipment. The Company will not maintain an inventory of this equipment and thus delays in maintenance may occur. The Company will order and replace the equipment subject to availability since non-standard and custom equipment is subject to obsolescence. The Customer will pay for any additional cost to the Company for ordering non-standard equipment.

#### MONTHLY RATE

The service rates for Option A and B lights include the following charges for each installed luminaire based on the Monthly kWhs applicable to each luminaire.

Distribution Charge

5.622 ¢ per kWh

(R)

#### MARKET BASED PRICING OPTION

##### Energy Supply

The Customer may elect to purchase Energy from an Electricity Service Supplier (ESS) (Direct Access Service) or from the Company. Such election will be for all of the Customer's Service Points (SPs) under this schedule.

### SCHEDULE 491 (Continued)

#### MARKET BASED PRICING OPTION (Continued)

##### Direct Access Service

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, Transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS.

##### Company Supplied Energy

Upon not less than five business days notice, the Customer may choose the Company Supplied Energy Charge option. The election of this option will be effective on the next regularly scheduled meter reading date, but with not less than a five business day notice to the Company prior to the scheduled meter read date.

The Company Supplied Energy Option is the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Index) plus 2 mills per kWh 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. Prices reported with no transaction volume or as "survey-based" will be considered reported.

##### Wheeling Charge

The Wheeling Charge will be \$1.850 per kW of monthly Demand.

(I)

##### Transmission Charge

Transmission and Ancillary Service Charges will be as specified in the Company's Open Access Transmission Tariff (OATT) as filed and approved by the Federal Energy Regulatory Commission.

#### **ON AND OFF PEAK HOURS**

On-peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

#### **LOSSES**

The following adjustment factors will be used where losses are to be included in the energy charges:

Secondary Delivery Voltage	1.0640
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(R)

**SCHEDULE 491 (Continued)**

**REPLACEMENT OF NON-REPAIRABLE LUMINAIRES INSTALLATION LABOR RATES**

Labor Rates	Straight Time	Overtime <sup>(1)</sup>
	\$124.00 per hour	\$155.00 per hour

(1) Per Article 20.2 of the Collective Bargaining Agreement Union No. 125 Contract, overtime is paid at the Overtime Rate for a minimum of one hour.

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

Type of Light	Watts	Nomina	Monthly	Monthly Rates			
		Lumens	kWh	Option A	Option B	Option C	
Cobrahead Power Doors **	70	6,300	30	*	\$2.50	\$1.69	(R)
	100	9,500	43	*	3.35	2.42	(R)
	150	16,000	62	*	4.30	3.49	(R)
	200	22,000	79	*	5.41	4.44	(R)
	250	29,000	102	*	6.54	5.73	(R)
	400	50,000	163	*	10.15	9.16	(R)
Cobrahead, Non-Power Door	70	6,300	30	\$6.68	2.79	2.42	(R) (I)
	100	9,500	43	7.09	3.47	2.42	(R)
	150	16,000	62	8.23	4.55	3.49	(R)
	200	22,000	79	9.86	5.57	4.44	(R)
	250	29,000	102	10.74	6.80	5.73	(R)
	400	50,000	163	14.37	10.26	9.16	(R)
Flood	250	29,000	102	12.13	7.00	5.73	(R)
	400	50,000	163	15.56	10.43	9.16	(R)
Early American Post-Top	100	9,500	43	8.04	3.62	2.42	(I) (R)
Shoebox (Bronze color, flat Lens, or drop lens, multi-volt)	70	6,300	30	6.96	2.84	1.69	(R)
	100	9,500	43	*	3.64	2.42	(C) (R)
	150	16,000	62	*	4.77	3.49	(C) (R)

\* Not offered.

\*\* Service is only available to customers with total power doors luminaires in excess of 2,500.

**SCHEDULE 491 (Continued)**

**RATES FOR STANDARD POLES**

<u>Type of Pole</u>	<u>Pole Length (feet)</u>	Monthly Rates		
		<u>Option A</u>	<u>Option B</u>	
Fiberglass, Black, Bronze or Gray	20	\$5.16	\$0.17	(I)
Fiberglass, Black or Bronze	30	8.40	0.28	(I)
Fiberglass, Gray	30	8.40	0.28	(I)
Fiberglass, Smooth, Black or Bronze	18	5.48	0.19	(I)
Fiberglass, Regular	18	4.80	0.16	(I)
Black, Bronze, or Gray	35	8.20	0.28	(I)
Aluminum, Regular with Breakaway Base	35	16.90	0.57	(N)
Wood, Standard	30 to 35	6.26	0.21	(I)
Wood, Standard	40 to 55	7.37	0.25	(I)

**RATES FOR CUSTOM LIGHTING**

<u>Type of Light</u>	<u>Watts</u>	<u>Nominal Lumens</u>	<u>Monthly kWh</u>	Monthly Rates			
				<u>Option A</u>	<u>Option B</u>	<u>Option C</u>	
Special Acorn-Types							
HPS	100	9,500	43	\$11.41	\$4.09	\$2.42	(I)(R)
HADCO Victorian, HPS	150	16,000	62	12.48	5.16	3.49	(I)(R)
	200	22,000	79	13.77	6.16	4.44	(R)(I)
	250	29,000	102	14.97	7.43	5.73	(R)
HADCO Capitol Acorn, HPS	100	9,500	43	15.37	4.65	2.42	(R)
	150	16,000	62	*	5.68	3.49	(C)(R)
	200	22,000	79	*	6.71	4.44	(C)(R)
	250	29,000	102	*	6.62	5.73	(C)(R)
Special Architectural Types							
HADCO Independence, HPS	100	9,500	43	12.58	4.23	2.42	(I)(R)
	150	16,000	62	*	5.02	3.49	(C)(R)
HADCO Techtra, HPS	100	9,500	43	19.71	5.26	2.42	(I)(R)
	150	16,000	62	21.60	6.45	3.49	(R)
	250	29,000	102	*	8.46	5.73	(C)(R)
HADCO Westbrooke, HPS	70	6,300	30	13.96	3.80	*	(I)(R)
	100	9,500	43	14.84	4.55	2.42	(I)(R)

\* Not offered.

**SCHEDULE 491 (Continued)**

RATES FOR CUSTOM LIGHTING (Continued)

<u>Type of Light</u>	<u>Watts</u>	Nomina   <u>Lumens</u>	Monthly <u>kWh</u>	Monthly Rates			
				<u>Option A</u>	<u>Option B</u>	<u>Option C</u>	
HADCO Westbrooke, HPS	150	16,000	62	*	\$5.91	\$3.49	<b>(C)(R)</b>
	200	22,000	79	*	5.39	4.44	<b>(C)(R)</b>
	250	29,000	102	\$16.62	7.64	5.73	<b>(R)</b>
Special Types							
Flood, Metal Halide	350	30,000	139	*	9.26	7.81	<b>(C)(R)</b>
Flood, HPS	750	105,000	285	25.02	17.80	16.02	<b>(R)(R)</b>
Option C Only **							
Ornamental Acorn Twin	85	9,600	64	*	*	3.60	<b>(R)</b>
Ornamental Acorn	55	2,800	21	*	*	1.18	<b>(R)</b>
Ornamental Acorn Twin	55	5,600	42	*	*	2.36	<b>(R)</b>
Composite, Twin	140	6,815	54	*	*	3.04	<b>(R)</b>
	175	9,815	66	*	*	3.71	<b>(R)</b>

**RATES FOR CUSTOM POLES**

<u>Type of Pole</u>	<u>Pole Length (feet)</u>	Monthly Rates		
		<u>Option A</u>	<u>Option B</u>	
Aluminum, Regular	25	\$8.88	\$0.30	<b>(R)</b>
	30	10.19	0.34	<b>(R)</b>
	35	11.80	0.40	<b>(R)</b>
Aluminum Davit	25	9.48	0.32	<b>(R)</b>
	30	10.67	0.36	<b>(R)</b>
	35	12.20	0.41	<b>(R)(I)</b>
	40	15.67	0.53	<b>(R)(I)</b>
Aluminum Double Davit	30	11.84	0.40	<b>(R)</b>
Aluminum, Fluted Ornamental	14	8.42	0.28	<b>(R)</b>

\* Not offered.

\*\* Rates are based on current kWh energy charges.

**SCHEDULE 491 (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, Smooth Techtra Ornamental	18	\$18.40	\$0.62	(R)
Aluminum, Fluted Ornamental	16	8.74	0.30	(R)
Aluminum, Double-Arm, Smooth Ornamental	18	14.19	0.48	(I)
Aluminum, Fluted Westbrooke	18	17.29	0.58	(R)
Aluminum, Non-Fluted Ornamental, Pendant	22	17.18	0.58	(C)(R)
Fiberglass, Fluted Ornamental Black	14	11.78	0.40	(I)
Fiberglass, Anchor Base, Gray or Black	35	11.19	0.38	(R)
Fiberglass, Anchor Base (Color may vary)	25	9.94	0.34	(R)(I)
	30	12.15	0.41	(I)

**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>Nomina   Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rates</u>			
				<u>Option A</u>	<u>Option B</u>	<u>Option C</u>	
Cobrahead, Metal Halide	150	10,000	60	*	\$4.53	\$3.37	(C)(R)
Cobrahead, Mercury Vapor	100	4,000	39	*	*	2.19	(R)
	175	7,000	66	\$8.39	4.77	3.71	(R)
	250	10,000	94	*	*	5.28	(R)
	400	21,000	147	13.65	9.36	8.26	(R)
	1,000	55,000	374	26.36	22.25	21.03	(R)
Holophane Mongoose,	150	16,000	62	*	5.47	3.49	(C)(R)
HPS	250	29,000	102	*	7.72	*	(C)(R)

\* Not offered.

**SCHEDULE 491 (Continued)**

SERVICE RATE FOR OBSOLETE LIGHTING (Continued)

<u>Type of Light</u>	<u>Watts</u>	Nomina l <u>Lumens</u>	Monthly <u>kWh</u>	Monthly Rates			
				<u>Option A</u>	<u>Option B</u>	<u>Option C</u>	
Special Box Similar to GE "Space-Glo"							
HPS	70	6,300	30	\$7.38	*	*	(R)
Mercury Vapor	175	7,000	66	9.40	\$4.87	\$3.71	(R)
Special box, Anodized Aluminum							
Similar to GardCo Hub							
HPS	Twin 70	6,300	60	*	*	3.37	(R)
	70	6,300	30	*	*	1.69	(R)
	100	9,500	43	*	3.91	2.42	(R)
	150	16,000	62	*	4.38	3.49	(R)
	250	29,000	102	*	*	5.73	(R)
	400	50,000	163	*	*	9.16	(R)
Metal Halide	250	20,500	99	*	6.47	5.57	(R)
	400	40,000	156	*	9.67	*	(R)
Cobrahead, Metal Halide	175	12,000	71	*	5.16	3.99	(R)
Flood, Metal Halide	400	40,000	156	14.43	9.97	8.77	(R)
Cobrahead, Dual Wattage HPS							
70/100 Watt Ballast	100	9,500	43	*	3.31	*	(R)
100/150 Watt Ballast	100	9,500	43	*	3.31	*	(R)
100/150 Watt Ballast	150	16,000	62	*	4.38	3.49	(R)
Special Architectural Types							
KIM SBC Shoebox, HPS	150	16,000	62	*	4.38	3.49	(R)
KIM Archetype, HPS	250	29,000	102	*	7.74	5.73	(R)
	400	50,000	163	*	11.61	9.16	(R)

\* Not offered

**SCHEDULE 491 (Continued)**

SERVICE RATE FOR OBSOLETE LIGHTING (Continued)

<u>Type of Light</u>	<u>Watts</u>	Nomina   <u>Lumens</u>	Monthly <u>kWh</u>	Monthly Rates			
				<u>Option A</u>	<u>Option B</u>	<u>Option C</u>	
Special Acorn-Type, HPS	70	6,300	30	\$10.58	\$3.26	*	(I)(R)
Special GardCo Bronze Alloy							
HPS	70	5,000	30	*	*	\$1.69	(R)
Mercury Vapor	175	7,000	66	*	*	3.71	(R)
Early American Post-Top, HPS							
Black	70	6,300	30	7.15	2.73	1.69	(R)
Rectangle Type	200	22,000	79	*	*	4.44	(R)
Incandescent	92	1,000	31	*	*	1.74	(R)
	182	2,500	62	*	*	3.49	(R)
Town and Country Post-Top							
Mercury Vapor	175	7,000	66	9.23	4.81	3.71	(R)
Flood, HPS	70	6,300	30	6.40	2.78	*	(R)
	100	9,500	43	7.14	3.49	2.42	(R)
	200	22,000	79	10.73	5.60	4.44	(R)
Cobrahead, HPS							
Power Door	310	37,000	124	*	8.24	6.97	(C)(R)
Special Types Customer-Owned & Maintained							
Ornamental, HPS	100	9,500	43	*	*	2.42	(R)
Twin ornamental, HPS	Twin 100	9,500	86	*	*	4.83	(R)
Compact Fluorescent	28	N/A	12	*	*	0.67	(R)

\* Not offered.



**SCHEDULE 491 (Continued)**

**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	\$4.78	*	(R)
Aluminum, Painted Ornamental	35	*	*	(C)
Aluminum, Regular	16	4.78	0.16	(R)
Bronze Alloy GardCo	12	*	0.23	(R)
Concrete, Ornamental	35 or less	8.88	0.30	(R)
Fiberglass, Direct Bury with Shroud	18	7.06	0.24	(R)
Steel, Painted Regular **	25	8.88	0.30	(R)
Steel, Painted Regular **	30	10.19	0.34	(R)
Steel, Unpainted 6-foot Mast Arm **	30	*	0.36	
Steel, Unpainted 6-foot Davit Arm **	30	*	0.36	
Steel, Unpainted 8-foot Mast Arm **	35	*	0.41	(I)
Steel, Unpainted 8-foot Davit Arm **	35	*	0.41	(I)
Wood, Laminated without Mast Arm	20	5.16	0.17	(I)
Wood, Laminated Street Light Only	20	5.16	*	(I)
Wood, Curved Laminated	30	7.17	0.28	(I)
Wood, Painted Underground	35	6.26	0.21	(I)

\* Not offered.

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

**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>	<u>Option C</u>	
Special Architectural Types Including Philips QL Induction Lamp Systems							
HADCO Victorian, QL	85	6,000	32	*	\$2.13	\$1.80	(R)
	165	12,000	60	*	1.81	0.84	(R)
	165	12,000	60	*	4.65	3.37	(R)

**SCHEDULE 492  
TRAFFIC SIGNALS  
COST OF SERVICE OPT-OUT**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To municipalities or agencies of federal or state governments served on Schedule 92, who purchase Electricity from an Electricity Service Supplier (ESS) for traffic signals and warning facilities in systems containing at least 500 intersections on public streets and highways, where funds for payment of Electricity are provided through taxation or property assessment. This schedule is available only to those governmental agencies receiving service under Schedule 92 as of September 30, 2001. Service under this schedule is limited to the first 300 MWh that applies to Schedules 485, 489, 490, 491, 492, and 495

**CHARACTER OF SERVICE**

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

**MONTHLY RATE**

The charge per Service Point (SP)\* is:

Distribution Charge

1.409 ¢ per kWh

(R)

\* See Schedule 100 for applicable adjustments.

**MARKET BASED PRICING OPTION**

Energy Supply

The Customer may elect to purchase Energy from an Electricity Service Supplier (ESS) (Direct Access Service) or from the Company. Such election will be for all of the Customer's SPs under this schedule.

Direct Access Service

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, Transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS.

### SCHEDULE 492 (Continued)

#### MARKET BASED PRICING OPTION (Continued)

##### Company Supplied Energy

Upon not less than five business days notice, the Customer may choose the Company Supplied Energy Charge option. The election of this option will be effective on the next regularly scheduled meter reading date, but with not less than a five business day notice to the Company prior to the scheduled meter read date.

The Company Supplied Energy Option is the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Index) plus 2 mills per kWh 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. Prices reported with no transaction volume or as "survey-based" will be considered reported.

##### Wheeling Charge

The Wheeling Charge will be \$1.850 per kW of monthly Demand.

(I)

##### Transmission Charge

Transmission and Ancillary Service Charges will be as specified in the Company's Open Access Transmission Tariff (OATT) as filed and approved by the Federal Energy Regulatory Commission.

#### ON AND OFF PEAK HOURS

On-peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

#### LOSSES

The following adjustment factors will be used where losses are to be included in the energy charges:

Secondary Delivery Voltage	1.0640
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(R)

#### ADJUSTMENTS

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

**SCHEDULE 495 (Continued)**

**STREETLIGHT POLES SERVICE OPTIONS**

Option A and Option B – Poles

See Schedule 91/491/591 for Streetlight poles service options.

**MONTHLY RATE**

The service rates for Option A and Option B lights include the following charges for each installed luminaire based on the Monthly kWhs applicable to each luminaire.

Distribution Charge 5.622 ¢ per kWh (R)

**MARKET BASED PRICING OPTION**

Energy Supply

The Customer may elect to purchase Energy from an Electricity Service Supplier (ESS) (Direct Access Service) or from the Company. Such election will be for all of the Customer's Service Points (SPs) under this schedule.

Direct Access Service

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, Transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS.

Company Supplied Energy

Upon not less than five business days notice, the Customer may choose the Company Supplied Energy Charge option. The election of this option will be effective on the next regularly scheduled meter reading date, but with not less than a five business day notice to the Company prior to the scheduled meter read date.

The Company Supplied Energy Option is the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Index) plus 2 mills per kWh 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. Prices reported with no transaction volume or as "survey-based" will be considered reported.

**SCHEDULE 495 (Continued)**

MARKET BASED PRICING OPTION (Continued)

Wheeling Charge

The Wheeling Charge will be \$1.850 per kW of monthly Demand.

(I)

Transmission Charge

Transmission and Ancillary Service Charges will be as specified in the Company's Open Access Transmission Tariff (OATT) as filed and approved by the Federal Energy Regulatory Commission.

**ON AND OFF PEAK HOURS**

On-peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

**LOSSES**

The following adjustment factors will be used where losses are to be included in the energy charges:

Secondary Delivery Voltage	1.0640
----------------------------	--------

(R)

**SCHEDULE 495 (Continued)**

**REPLACEMENT OF NON-REPAIRABLE LUMINAIRES INSTALLATION LABOR RATES**

Labor Rates <sup>(1)</sup>	Straight Time	Overtime
	\$124.00 per hour	\$155.00 per hour

(1) Per Article 20.2 of the Collective Bargaining Agreement Union No. 125 Contract, overtime is paid at the Overtime Rate for a minimum of one hour.

**RATES FOR STANDARD LIGHTING**

**Light-Emitting Diode (LED) Only – Option A and Option B Service Rates**

LED lighting is new to the Company and pricing is changing rapidly. The Company may adjust rates under this schedule based on actual frequency of maintenance occurrences and changes in material prices.

<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>	
Roadway LED	>20-25	3,000	8	\$5.26	\$0.86	(C)
	>25-30	3,470	9	5.32	0.92	
	>30-35	2,530	11	5.71	1.03	
	>35-40	4,245	13	5.54	1.14	
	>40-45	5,020	15	5.79	1.25	
	>45-50	3,162	16	5.96	1.31	
	>50-55	3,757	18	6.32	1.43	
	>55-60	4,845	20	6.07	1.53	
	>60-65	4,700	21	6.13	1.59	
	>65-70	5,050	23	6.82	1.71	
	>70-75	7,640	25	6.99	1.84	
	>75-80	8,935	26	7.04	1.89	
	>80-85	9,582	28	7.15	2.00	
	>85-90	10,230	30	7.27	2.12	
	>90-95	9,928	32	7.38	2.23	
	>95-100	11,719	33	7.44	2.29	
	>100-110	7,444	36	7.94	2.45	
	>110-120	12,340	39	7.77	2.62	
	>120-130	13,270	43	8.00	2.85	
	>130-140	14,200	46	9.11	3.04	
	>140-150	15,250	50	10.30	3.29	
	>150-160	16,300	53	10.47	3.46	
	>160-170	17,300	56	10.64	3.63	
	>170-180	18,300	60	10.75	3.84	
	>180-190	19,850	63	11.03	4.02	
	>190-200	21,400	67	11.47	4.25	(C)

**SCHEDULE 495 (Continued)**

**RATES FOR DECORATIVE LIGHTING**

**Light-Emitting Diode (LED) Only – Option A and Option B 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>	
Acorn							
LED	>35-40		3,262	13	\$13.30	\$1.34	(C)
	>40-45		3,500	15	13.41	1.45	
	>45-50		5,488	16	11.33	1.45	
	>50-55		4,000	18	13.58	1.62	
	>55-60		4,213	20	13.69	1.73	
	>60-65		4,273	21	13.75	1.79	
	>65-70		4,332	23	13.82	1.90	
	>70-75		4,897	25	13.98	2.02	
HADCO LED	70		5,120	24	18.09	2.07	(C)
Pendant LED (Non-Flared)	36		3,369	12	14.72	1.32	(R)(C)
	53		5,079	18	15.84	1.68	
	69		6,661	24	16.31	2.02	
	85		8,153	29	17.15	2.32	(R) (D)
Pendant LED (Flared)	>35-40		3,369	13	14.95	1.38	(C)
	>40-45		3,797	15	15.06	1.49	
	>45-50		4,438	16	15.12	1.55	
	>50-55		5,079	18	16.34	1.69	
	>55-60		5,475	20	16.45	1.80	
	>60-65		6,068	21	16.51	1.86	
	>65-70		6,661	23	17.40	1.99	
	>70-75		7,034	25	17.52	2.11	
	>75-80		7,594	26	17.76	2.17	
	>80-85		8,153	28	17.87	2.28	(C)
Post-Top, American Revolution LED	>30-35		3,395	11	7.23	1.07	(C)
	>45-50		4,409	16	7.86	1.36	
Flood LED	>80-85		10,530	28	8.21	2.02	
	>120-130		16,932	43	9.59	2.89	
	>180-190		23,797	63	11.79	4.04	
	>370-380		48,020	127	19.87	7.75	(C)

**SCHEDULE 495 (Continued)**

**SPECIALTY SERVICES OFFERED**

Upon Customer request and subject to the Company's operating constraints, 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.
- . Painting or staining of wood and steel streetlight poles.

**ESS CHARGES**

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS.

**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 periodically 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 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.
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. This condition applies if a Customer's selection of service under this Schedule requires the removal of Company-owned streetlighting equipment or poles.
5. If circuits or poles not already covered under Special Condition 2 or 3 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.

(M)  
|  
(M)

(M)



**SCHEDULE 495 (Continued)**

SPECIAL CONDITIONS (Continued)

6. For Option C lights: The Company does not provide the circuit on new installations. (M)
7. 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. (M)
8. For Option A and Option B lights: The Company shall not be liable when either (i) the luminaires become inoperable or (ii) repair or replacement of inoperable luminaires is delayed or prevented; provided that, such inoperability of the luminaires or delay or prevention of repair or replacement is due to any cause beyond the Company's control, or that otherwise could not reasonably be foreseen or guarded against including but not limited to such causes as: strikes, lockouts, labor troubles, riots, insurrection, war, acts of God, extreme weather conditions, access to equipment, or the like.
9. For Option C lights: The Customer must ensure that (i) all maintenance and other work associated with this schedule is in compliance with the applicable requirements of OSHA, OPUC Safety Rules, the NESC and/or NEC and (ii) that all such work is performed by a Qualified Worker. A "Qualified Worker" means one who is knowledgeable about the construction and operation of the electric power generation, transmission, and distribution equipment as it relates to his or her work, along with the associated hazards, as demonstrated by satisfying the qualifying requirements for a "qualified person" or "qualified employee" with regard to the work in question as described in 29 CFR 1910.269 effective January 31, 1994, as it may be amended from time to time. In this case, a Qualified Worker is a journeyman lineman, or someone who has the equivalent training, expertise and experience to perform journeyman lineman work.
10. Indemnification:
  - a. For Option A lights: To the extent permitted by the Oregon Constitution and subject to the limits of the Oregon Tort Claims Act, the Customer shall hold the Company harmless and indemnify it for any and all third-party claims, actions, liability, costs, and expense by reason of injury to or death of persons or damage to property arising or resulting from any negligent acts or omissions or willful misconduct of the Customer, its officers, employees, or agents that arise under this Schedule, including but not limited to the street lighting requested by Customer, its officers, employees, or agents under this Schedule or the associated lighting levels. The Company shall hold Customer harmless and indemnify it for any and all third-party claims, actions, liability, costs, and expense by reason of injury to or death of persons or damage to property arising or resulting from any negligent acts or omissions or willful misconduct of the Company, its officers, employees, or agents that arise under this Schedule.

**SCHEDULE 515  
OUTDOOR AREA LIGHTING  
DIRECT ACCESS SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Nonresidential Customers purchasing Direct Access Service for outdoor area lighting.

**CHARACTER OF SERVICE**

Lighting services, which consist of the provision of Company-owned luminaires mounted on Company-owned poles, in accordance with Company specifications as to equipment, installation, maintenance and operation.

The Company will replace lamps on a scheduled basis. Subject to the Company's operating schedules and requirements, the Company will replace individual burned-out lamps as soon as reasonably possible after the Customer or Electricity Service Supplier (ESS) notifies the Company of the burn-out.

**MONTHLY RATE**

The service rates below include the following charges for each installed luminaire based on the Monthly kWhs applicable to each luminaire.

Distribution Charge 5.538 ¢ per kWh

Rates for Area Lighting

<u>Type of Light</u>	<u>Watts</u>	<u>Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate<sup>(1)</sup> Per Luminaire</u>	
Cobrahead Mercury Vapor	175	7,000	66	\$8.34 <sup>(2)</sup>	(R)
	400	21,000	147	13.31 <sup>(2)</sup>	(R)
	1,000	55,000	374	25.81 <sup>(2)</sup>	(R)
HPS	70	6,300	30	6.65 <sup>(2)</sup>	(R)
	100	9,500	43	7.05	(R)
	150	16,000	62	8.17	(R)
	200	22,000	79	9.58	(R)
	250	29,000	102	10.43	(R)
	310	37,000	124	11.85 <sup>(2)</sup>	(R)
	400	50,000	163	14.01	(R)
					(M)

(1) See Schedule 100 for applicable adjustments.

(2) No new service.

**SCHEDULE 515 (Continued)**

MONTHLY RATE (Continued)

Rates for Area Lighting (Continued)

<u>Type of Light</u>	<u>Watts</u>	<u>Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate<sup>(1)</sup> Per Luminaire</u>	
Flood , HPS	100	9,500	43	\$7.10 <sup>(2)</sup>	(R)(M)
	200	22,000	79	10.45 <sup>(2)</sup>	(R)
	250	29,000	102	11.83	(R)
	400	50,000	163	15.21	(R)
Shoebox, HPS (bronze color, flat lens, or drop lens, multi-volt)	70	6,300	30	6.93	(R)
	100	9,500	43	8.13	(R)
	150	16,500	62	9.59	(R) (M)
Special Acorn Type, HPS	100	9,500	43	11.15	(I)
HADCO Victorian, HPS	150	16,500	62	12.20	(I)
	200	22,000	79	13.48	(R)
	250	29,000	102	14.66	(R)
Early American Post-Top, HPS, Black	100	9,500	43	8.00	(I)
Special Types					
Cobrahead, Metal Halide	150	10,000	60	8.44	(R)
Cobrahead, Metal Halide	175	12,000	71	9.31	(R)
Flood, Metal Halide	350	30,000	139	14.95	(I)
Flood, Metal Halide	400	40,000	156	14.08	(R)
Flood, HPS	750	105,000	285	24.56	(R)
HADCO Independence, HPS	100	9,500	43	12.32	(I) (D)
HADCO Capitol Acorn, HPS	100	9,500	43	15.10	(I) (D)
	200	22,000	79	17.37	(I)
	250	29,000	102	9.39	(R)
HADCO Techtra, HPS	100	9,500	43	19.45	(I)
	150	16,000	62	21.31	(I) (D)
HADCO Westbrooke, HPS	70	6,300	30	13.70	(I)
	100	9,500	43	14.57	(I) (D)
	250	29,000	102	16.32	(R)
Holophane Mongoose, HPS	150	16,000	62	14.45	(I)

(1) See Schedule 100 for applicable adjustments.

**SCHEDULE 515 (Continued)**

MONTHLY RATE (Continued)  
Rates for Area Lighting (Continued)

<u>Type of Light</u>	<u>Watts</u>	<u>Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate<sup>(1)</sup> Per Luminaire</u>	
Acorn LED	>35-40	3,262	13	\$13.06	(C)
	>40-45	3,500	15	13.17	
	>45-50	5,488	16	11.09	
	>50-55	4,000	18	13.34	
	>55-60	4,213	20	13.45	
	>60-65	4,273	21	13.50	
	>65-70	4,332	23	13.58	
	>70-75	4,897	25	13.72	
HADCO LED	70	5,120	24	17.85	(C)
Roadway LED	>20-25	3,000	8	5.03	(C)
	>25-30	3,470	9	5.09	
	>30-35	2,530	11	5.47	
	>35-40	4,245	13	5.31	
	>40-45	5,020	15	5.55	
	>45-50	3,162	16	5.72	
	>50-55	3,757	18	6.09	
	>55-60	4,845	20	5.83	
	>60-65	4,700	21	5.88	
	>65-70	5,050	23	6.58	
	>70-75	7,640	25	6.73	
	>75-80	8,935	26	6.79	
	>80-85	9,582	28	6.90	
	>85-90	10,230	30	7.01	
	>90-95	9,928	32	7.12	
	>95-100	11,719	33	7.18	
	>100-110	7,444	36	7.69	
	>110-120	12,340	39	7.51	
	>120-130	13,270	43	7.73	
	>130-140	14,200	46	8.85	
>140-150	15,250	50	10.04		
>150-160	16,300	53	10.21		
>160-170	17,300	56	10.37		
>170-180	18,300	60	10.48		
>180-190	19,850	63	10.76		
>190-200	21,400	67	11.19	(C)	

(1) See Schedule 100 for applicable adjustments.

**SCHEDULE 515 (Continued)**

MONTHLY RATE (Continued)  
Rates for Area Lighting (Continued)

<u>Type of Light</u>	<u>Watts</u>	<u>Lumens</u>	<u>Monthly kWh</u>	<u>Monthly Rate<sup>(1)</sup> Per Luminaire</u>	
Pendant LED (Non-Flare)	36	3,369	12	\$14.49	(C)(M)
	53	5,079	18	15.61	
	69	6,661	24	16.06	
	85	8,153	29	16.91	
Pendant LED (Flare)	>35-40	3,369	13	14.71	(C)(M)
	>40-45	3,797	15	14.82	
	>45-50	4,438	16	14.88	
	>50-55	5,079	18	16.11	
	>55-60	5,475	20	16.22	
	>60-65	6,068	21	16.27	
	>65-70	6,661	23	17.15	
	>70-75	7,034	25	17.26	
	>75-80	7,594	26	17.51	
>80-85	8,153	28	17.62		
CREE XSP LED	>20-25	2,529	8	4.88	(C)
	>30-35	4,025	11	5.05	
	>40-45	3,819	15	5.27	
	>45-50	4,373	16	5.58	
	>55-60	5,863	20	5.59	
	>65-70	9,175	23	6.10	
	>90-95	8,747	32	6.60	
130-140	18,700	46	9.19		
Post-Top, American Revolution LED	>30-35	3,395	11	7.00	(C)
	>45-50	4,409	16	7.63	
Flood LED	>80-85	10,530	28	7.97	(C)
	120-130	16,932	43	9.33	
	180-190	23,797	63	11.51	
	370-380	48,020	127	19.54	

(1) See Schedule 100 for applicable adjustments.

(M)

**SCHEDULE 515 (Continued)**

MONTHLY RATE (Continued)

Rates for Area Lighting (Continued)

(T)

Rates for Area Light Poles<sup>(2)</sup>

<u>Type of Pole</u>	<u>Pole Length (feet)</u>	<u>Monthly Rate Per Pole</u>	
Wood, Standard	35 or less	\$ 5.96	(I)(M)
	40 to 55	7.07	(I)
Wood, Painted Underground	35 or less	5.96 <sup>(3)</sup>	(I)
Wood, Curved laminated	30 or less	7.09 <sup>(3)</sup>	(I)
Aluminum, Regular	16	4.56	(I)
	25	8.51	(R)
	30	9.82	(R)
	35	11.43	(R)
Aluminum, Fluted Ornamental	14	8.20	(R)
Aluminum, Fluted Ornamental	16	8.52	(R)
Aluminum Davit	25	9.11	(R)
	30	10.30	(R)
	35	11.83	(R)
	40	15.22	(R)
Aluminum Double Davit	30	11.47	(R)
Aluminum, Smooth Techtra Ornamental	18	18.03	(R)
Aluminum, Fluted Ornamental	18	16.92	(C)(R)
Aluminum, Non-Fluted Ornamental, Pendant	22	16.81	(C)
			(D)
Fiberglass Fluted Ornamental; Black	14	11.01	(R)
Fiberglass, Regular			
Black	20	4.94	(I)
Gray or Bronze	30	8.03	(I)
Black, Gray, or Bronze	35	7.90	(I)
Fiberglass, Anchor Base, Gray or Black	35	10.89	(R)
Fiberglass, Anchor Base (Color may vary)	25	11.46	(I)
	30	15.55	(I)
Fiberglass, Direct Bury with Shroud	18	6.70	(R)
Aluminum, Regular with Breakaway Base	35	16.90	(N)
Aluminum, Double-Arm, Smooth Ornamental	25	13.82	(N)

(2) No pole charge for luminaires placed on existing Company-owned distribution poles.

(3) No new service.

**INSTALLATION CHARGE**

See Schedule 300 regarding the installation of conduit on wood poles

**SCHEDULE 532  
SMALL NONRESIDENTIAL  
DIRECT ACCESS SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Small Nonresidential Customers who have chosen to receive Electricity from an Electricity Service Supplier (ESS).

**CHARACTER OF SERVICE**

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

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

Basic Charge

Single Phase	\$20.00
Three Phase	\$29.00

Distribution Charge

First 5,000 kWh	5.054 ¢ per kWh
Over 5,000 kWh	1.226 ¢ per kWh

(I)  
(R)

\* See Schedule 100 for applicable adjustments.

**ESS CHARGES**

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS. If the Customer chooses to receive an ESS Consolidated Bill, the Company's charges for Direct Access Service are not required to be separately stated on an ESS Consolidated Bill.

**ADJUSTMENTS**

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

**SCHEDULE 538  
LARGE NONRESIDENTIAL OPTIONAL TIME-OF-DAY  
DIRECT ACCESS SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

This optional schedule is applicable to Large Nonresidential Customers who have chosen to receive service from an Electricity Service Supplier (ESS), and: 1) served at Secondary Demand Voltage whose Demand has not exceeded 200 kW more than six times in the preceding 13 months and has not exceeded 4,000 kW more than once in the preceding 13 months, or with seven months or less of service has not had a Demand exceeding 4,000 kW; or 2) who were receiving service on Schedule 38 as of December 31, 2015.

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

<u>Basic Charge</u>	\$30.00		
<u>Distribution Charge</u>	7.610	¢ per kWh	(I)

\* See Schedule 100 for applicable adjustments.

**MINIMUM CHARGE**

The Minimum Charge will be the Basic Charge. In Addition, the Company may require the Customer to execute a written agreement specifying a higher Minimum Charge if necessary, to justify the Company's investment in service facilities.

**REACTIVE DEMAND**

In addition to the Monthly Rate, the Customer will pay 50¢ for each kilovolt-ampere of Reactive Demand in excess of 40% of the maximum Demand. Such charge is separate from and in addition to the Minimum Charge specified.

**ADJUSTMENTS**

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



**SCHEDULE 549  
IRRIGATION AND DRAINAGE PUMPING  
LARGE NONRESIDENTIAL  
DIRECT ACCESS SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Large Nonresidential Customers who have chosen to receive Electricity from an Electricity Service Supplier (ESS) for irrigation and drainage pumping; may include other incidental service if an additional meter would otherwise be required.

**CHARACTER OF SERVICE**

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

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

<u>Basic Charge</u>			
Summer Months**		\$45.00	
Winter Months**		No Charge	
<u>Distribution Charge</u>			
First 50 kWh per kW of Demand		9.753 ¢ per kWh	(I)
Over 50 kWh per kW of Demand		7.753 ¢ per kWh	(I)

\* See Schedule 100 for applicable adjustments.

\*\* Summer Months and Winter Months commence with meter readings as defined in Rule B.

**ESS CHARGES**

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS. If the Customer chooses to receive an ESS Consolidated Bill, the Company's charges for Direct Access Service are not required to be separately stated on an ESS Consolidated Bill.

**SCHEDULE 575  
PARTIAL REQUIREMENTS SERVICE  
DIRECT ACCESS SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Large Nonresidential Customers who receive Electricity Service from an Electricity Service Supplier (ESS) and who supply all or some portion of their load by self generation operating on a regular basis, where the self-generation has a total nameplate rating of 2 MW or greater. A Large Nonresidential Customer is a Customer that has exceeded 30 kW at least twice within the preceding 13 months, or with seven months or less of service has had a Demand exceeding 30 kW.

**CHARACTER OF SERVICE**

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

**MONTHLY RATE**

The sum of the following charges at the applicable Delivery Voltage per Service Point (SP)\*:

	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>				
Three Phase Service	\$5,290.00	\$3,640.00	\$5,580.00	(I)
<u>Distribution Charge</u>				
The sum of the following:				
per kW of Facility Capacity				
First 4,000 kW	\$1.33	\$1.32	\$1.32	(R)
Over 4,000 kW	\$1.02	\$1.01	\$1.01	
per kW of monthly On-Peak Demand**	\$1.47	\$1.46	\$0.46	(R)
<u>Generation Contingency Reserves Charges***</u>				
Spinning Reserves				
per kW of Reserved Capacity > 1,000 kW	\$0.234	\$0.234	\$0.234	
Supplemental Reserves				
per kW of Reserved Capacity > 1,000 kW	\$0.234	\$0.234	\$0.234	
<u>System Usage Charge</u>				
per kWh	0.084 ¢	0.085 ¢	0.085 ¢	(R)

\* See Schedule 100 for applicable adjustments.

\*\* Peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

\*\*\* Not applicable when ESS is providing Energy Regulation and Imbalance services as described in Schedule 600.

**SCHEDULE 576R  
ECONOMIC REPLACEMENT POWER RIDER  
DIRECT ACCESS SERVICE**

**PURPOSE**

To provide Customers served on Schedule 575 with the option for delivery of Energy from the Customer's Electricity Service Supplier (ESS) to replace some, or all of the Customer's on-site generation when the Customer deems it is more economically beneficial than self generating.

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Large Nonresidential Customers served on Schedule 575.

**CHARACTER OF SERVICE**

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

**MONTHLY RATE**

The following charges are in addition to applicable charges under Schedule 575:\*

	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
<u>Daily Economic Replacement Power (ERP)</u>				
<u>Demand Charge</u>				
per kW of Daily ERP Demand during On-Peak hours per day**	\$0.057	\$0.057	\$0.018	(R)
<u>Transaction Fee</u>				
per Energy Needs Forecast (ENF) submission or revision	\$50.00	\$50.00	\$50.00	

\* See Schedule 100 for applicable adjustments.

\*\* Peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

**SCHEDULE 583  
LARGE NONRESIDENTIAL  
DIRECT ACCESS SERVICE  
(31 – 200 kW)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customers whose Demand has not exceeded 200 kW more than six times in the preceding 13 months and has not exceeded 4,000 kW more than once in the preceding 13 months, or with seven months or less of service has not had a Demand exceeding 4,000 kW and who has chosen to receive Electricity from an Electricity Service Supplier (ESS).

**CHARACTER OF SERVICE**

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

**MONTHLY RATE**

The sum of the following charges at the applicable Delivery Voltage per Service Point (SP)\*:

Basic Charge

Single Phase Service	\$35.00
Three Phase Service	\$45.00

Distribution Charges\*\*

The sum of the following:

per kW of Facility Capacity		
First 30 kW	\$4.75	(I)
Over 30 kW	\$4.65	(I)
per kW of monthly On-Peak Demand	\$1.47	(R)

System Usage Charge

per kWh	0.843 ¢	(I)
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\* See Schedule 100 for applicable adjustments.

\*\* The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the SP.

**SCHEDULE 585  
LARGE NONRESIDENTIAL  
DIRECT ACCESS SERVICE  
(201 – 4,000 kW)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customers whose Demand has exceeded 200 kW more than six times in the preceding 13 months and has not exceeded 4,000 kW more than once in the preceding 13 months, or with seven months or less of service has not had a Demand exceeding 4,000 kW and who has chosen to receive Electricity from an Electricity Service Supplier (ESS).

**CHARACTER OF SERVICE**

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

**MONTHLY RATE**

The sum of the following charges at the applicable Delivery Voltage per Service Point (SP)\*:

	<u>Delivery Voltage</u>		
	<u>Secondary</u>	<u>Primary</u>	
<u>Basic Charge</u>	\$810.00	\$770.00	(I)
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity			
First 200 kW	\$3.24	\$3.21	(I)
Over 200 kW	\$2.04	\$2.01	(I)
per kW of monthly On-Peak Demand	\$1.47	\$1.46	(R)
<u>System Usage Charge</u>			
per kWh	0.117 ¢	0.117 ¢	(I)

\* See Schedule 100 for applicable adjustments.

\*\* The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the SP.

**SCHEDULE 589  
LARGE NONRESIDENTIAL  
DIRECT ACCESS SERVICE  
(>4,000 kW)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customer whose Demand has exceeded 4,000 kW at least twice within the preceding 13 months, or with seven months or less of service has had a Demand exceeding 4,000 kW, and who has chosen to receive Electricity from an ESS.

**CHARACTER OF SERVICE**

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

**MONTHLY RATE**

The sum of the following charges at the applicable Delivery Voltage per Service Point (SP)\*:

	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>	\$5,290.00	\$3,640.00	\$5,580.00	<b>(I)</b>
<u>Distribution Charges**</u>				
The sum of the following:				
per kW of Facility Capacity				
First 4,000 kW	\$1.33	\$1.32	\$1.32	<b>(R)</b>
Over 4,000 kW	\$1.02	\$1.01	\$1.01	<b>(R)</b>
per kW of monthly on-peak Demand	\$1.47	\$1.46	\$0.46	<b>(R)</b>
<u>System Usage Charge</u>				
per kWh	0.084 ¢	0.085 ¢	0.085 ¢	<b>(I)</b>

\* See Schedule 100 for applicable adjustments.

\*\* The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the SP.

**SCHEDULE 590  
LARGE NONRESIDENTIAL  
DIRECT ACCESS SERVICE  
(>4,000 kW and Aggregate to >30 MWa)**

(C)

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customer who meet the following conditions: 1) Individual account demand has exceeded 4,000 kW at least twice within the preceding 13 months, or with seven months or less of service has had a Demand exceeding 4,000 kW; and 2) where combined usage of all accounts meeting condition 1 for the Large Nonresidential Customer aggregate to at least 30 MWa in a calendar year; and 3) the customer maintains a load factor of 80% or greater for each account; and 4) who has chosen to receive Electricity from an ESS.

(C)

**CHARACTER OF SERVICE**

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

**MONTHLY RATE**

The sum of the following charges per Service Point (SP)\*:

	<u>Delivery Voltage</u>		
	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>	\$21,000.00	\$21,000.00	(C) (I) (N)
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity			
First 4,000 kW	\$1.64	\$1.64	(I)
Over 4,000 kW	\$1.33	\$1.33	(I)
per kW of monthly on-peak Demand	\$1.46	\$0.46	(R)
<u>System Usage Charge</u>			
per kWh	0.011¢	0.011¢	(I)(N)

\* See Schedule 100 for applicable adjustments.

\*\* The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the SP.

### SCHEDULE 591 (Continued)

#### STREETLIGHT POLES SERVICE OPTIONS (Continued)

##### Option B – Pole maintenance (Continued)

##### Emergency Pole Replacement and Repair

The Company will repair or replace damaged streetlight poles that have been damaged due to the acts of vandalism, damage claim incidences and storm related events that cause a pole to become structurally unsound at no additional cost to the customer.

Without notice to the Customer, individual poles that are damaged or destroyed by unexpected events will be replaced on determination that the pole is unfit for further use as soon as reasonably possible. Replacement is subject to the Company's operating schedules and requirements.

##### Special Provisions for Option B - Poles

1. If damage occurs to any streetlighting pole more than two times in any 12-month period measured from the first incidence of damage that requires replacement, the Customer will be responsible to pay for future installations or mutually agree with the Company and pay to have the pole either completely removed or relocated.
2. Non-Standard or Custom poles are provided at the Company's discretion to allow greater flexibility in the choice of equipment. The Company will not maintain an inventory of this equipment and thus delays in maintenance may occur. The Company will order and replace the equipment subject to availability since non-standard and custom equipment is subject to obsolescence. The Customer will pay for any additional cost to the Company for ordering non-standard equipment.

#### MONTHLY RATE

The service rates for Option A and B lights include the following charges for each installed luminaire based on the Monthly kWhs applicable to each luminaire.

<u>Distribution Charge</u>	5.622 ¢ per kWh	(R)
<u>Energy Charge</u>	Provided by Electricity Service Supplier	

#### NOVEMBER ELECTION WINDOW

The November Election Window begins at 2:00 p.m. on November 15<sup>th</sup> (or the following business day if the 15<sup>th</sup> falls on a weekend or holiday). The November Election Window 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 1<sup>st</sup>. Customers may notify the Company of a choice to change service options using the Company's website, [PortlandGeneral.com/business](http://PortlandGeneral.com/business)



**SCHEDULE 591 (Continued)**

**REPLACEMENT OF NON-REPAIRABLE LUMINAIRES INSTALLATION LABOR RATES**

Labor Rates	Straight Time	Overtime <sup>(1)</sup>
	\$124.00 per hour	\$155.00 per hour

(1) Per Article 20.2 of the Collective Bargaining Agreement Union No. 125 Contract, overtime is paid at the Overtime Rate for a minimum of one hour.

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

Type of Light	Watts	Nominal Lumens	Monthly kWh	Monthly Rates			
				Option A	Option B	Option C	
Cobrahead Power Doors **							
	70	6,300	30	*	\$2.50	\$1.69	(R)
	100	9,500	43	*	3.35	2.42	(R)
	150	16,000	62	*	4.30	3.49	(R)
	200	22,000	79	*	5.41	4.44	(R)
	250	29,000	102	*	6.54	5.73	(R)
	400	50,000	163	*	10.15	9.16	(R)
Cobrahead, Non-Power Door	70	6,300	30	\$6.68	2.79	2.42	(R)(I)
	100	9,500	43	7.09	3.47	2.42	(R)
	150	16,000	62	8.23	4.55	3.49	(R)
	200	22,000	79	9.86	5.57	4.44	(R)
	250	29,000	102	10.74	6.80	5.73	(R)
	400	50,000	163	14.37	10.26	9.16	(R)
Flood	250	29,000	102	12.13	7.00	5.73	(R)
	400	50,000	163	15.56	10.43	9.16	(R)
Early American Post-Top	100	9,500	43	8.04	3.62	2.42	(I)(R)
	70	6,300	30	6.96	2.84	1.69	(R)
Shoebox (Bronze color, flat Lens, or drop lens, multi-volt)	100	9,500	43	*	3.64	2.42	(C)(R)
	150	16,000	62	*	4.77	3.49	(C)(R)

\* Not offered.

\*\* Service is only available to customers with total power doors luminaires in excess of 2,500.

**SCHEDULE 591 (Continued)**

**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, Bronze or Gray	20	\$5.16	\$0.17		(I)
Fiberglass, Black or Bronze	30	8.40	0.28		(I)
Fiberglass, Gray	30	8.40	0.28		(I)
Fiberglass, Smooth, Black or Bronze	18	5.48	0.19		(I)
Fiberglass, Regular	18	4.80	0.16		(I)
Black, Bronze, or Gray	35	8.20	0.28		(I)
Aluminum, Regular with Breakaway Base	35	16.90	0.57		(N)
Wood, Standard	30 to 35	6.26	0.21		(I)
Wood, Standard	40 to 55	7.37	0.25		(I)

**RATES FOR CUSTOM LIGHTING<sup>m</sup>**

<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>	<u>Option C</u>	
Special Acorn-Types							
HPS	100	9,500	43	\$11.41	\$4.09	\$2.42	(I)(R)
HADCO Victorian, HPS	150	16,000	62	12.48	5.16	3.49	(I)(R)
	200	22,000	79	13.77	6.16	4.44	(R)(I)
	250	29,000	102	14.97	7.43	5.73	(R)(I)
HADCO Capitol Acorn, HPS	100	9,500	43	15.37	4.65	2.42	(I)(R)
	150	16,000	62	*	5.68	3.49	(C)(R)
	200	22,000	79	*	6.71	4.44	(C)(I)(R)
	250	29,000	102	*	6.62	5.73	(C)(R)
Special Architectural Types							
HADCO Independence, HPS	100	9,500	43	12.58	4.23	2.42	(I)(R)
	150	16,000	62	*	5.02	3.49	(C)(R)
HADCO Techtra, HPS	100	9,500	43	19.71	5.26	2.42	(I)(R)
	150	16,000	62	21.60	6.45	3.49	(I)(R)
	250	29,000	102	*	8.46	5.73	(C)(R)
HADCO Westbrooke, HPS	70	6,300	30	13.96	3.80	*	(I)(R)
	100	9,500	43	14.84	4.55	2.42	(I)(R)

\* Not offered.

**SCHEDULE 591 (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>	<u>Option C</u>	
HADCO Westbrooke, HPS	150	16,000	62	*	\$5.91	\$3.49	(C)(R)
	200	22,000	79	*	5.39	4.44	(C)(R)
	250	29,000	102	\$16.62	7.64	5.73	(R)(R)
Special Types							
Flood, Metal Halide	350	30,000	139	*	9.26	7.81	(C)(R)
Flood, HPS	750	105,000	285	25.02	17.80	16.02	(R)
Option C Only **							
Ornamental Acorn Twin	85	9,600	64	*	*	3.60	(R)
Ornamental Acorn	55	2,800	21	*	*	1.18	(R)
Ornamental Acorn Twin	55	5,600	42	*	*	2.36	(R)
Composite, Twin	140	6,815	54	*	*	3.04	(R)
	175	9,815	66	*	*	3.71	(R)

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	25	\$8.88	\$0.30	(R)
	30	10.19	0.34	(R)
	35	11.80	0.40	(R)
Aluminum Davit	25	9.48	0.32	(R)
	30	10.67	0.36	(R)
	35	12.20	0.41	(R)(I)
	40	15.67	0.53	(R)(I)
Aluminum Double Davit	30	11.84	0.40	(R)
Aluminum, Fluted Ornamental	14	8.42	0.28	(R)

\* Not offered.

\*\* Rates are based on current kWh energy charges.

**SCHEDULE 591 (Continued)**

RATES FOR CUSTOM POLES (Continued)

<u>Type of Pole</u>	<u>Pole Length</u> (feet)	Monthly Rates		
		<u>Option A</u>	<u>Option B</u>	
Aluminum, Smooth Techtra Ornamental	18	\$18.40	\$0.62	(R)
Aluminum, Fluted Ornamental	16	8.74	0.30	(R)
Aluminum, Double-Arm, Smooth Ornamental	18	14.19	0.48	(I)
Aluminum, Fluted Westbrooke	18	17.29	0.58	(R)
Aluminum, Non-Fluted Ornamental, Pendant	22	17.18	0.58	(C)(R)
Fiberglass, Fluted Ornamental Black	14	11.78	0.40	(I)
Fiberglass, Anchor Base, Gray or Black	35	11.19	0.38	(R)
Fiberglass, Anchor Base (Color may vary)	25	9.94	0.34	(R)(I)
	30	12.15	0.41	(I)

**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>	Monthly Rates			
				<u>Option A</u>	<u>Option B</u>	<u>Option C</u>	
Cobrahead, Metal Halide	150	10,000	60	*	\$4.53	\$3.37	(C)(R)
Cobrahead, Mercury Vapor	100	4,000	39	*	*	2.19	(R)
	175	7,000	66	\$8.39	4.77	3.71	(R)
	250	10,000	94	*	*	5.28	(R)
	400	21,000	147	13.65	9.36	8.26	(R)
	1,000	55,000	374	26.36	22.25	21.03	(R)
Holophane Mongoose,	150	16,000	62	*	5.47	3.49	(C)(R)
HPS	250	29,000	102	*	7.72	*	(C)(R)

\* Not offered.

**SCHEDULE 591 (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>	<u>Option C</u>	
Special Box Similar to GE "Space-Glo"							
HPS	70	6,300	30	\$7.38	*	*	(R)
Mercury Vapor	175	7,000	66	9.40	\$4.87	\$3.71	(R)
Special box, Anodized Aluminum							
Similar to GardCo Hub							
HPS	Twin 70	6,300	60	*	*	3.37	(R)
	70	6,300	30	*	*	1.69	(R)
	100	9,500	43	*	3.91	2.42	(R)
	150	16,000	62	*	4.38	3.49	(R)
	250	29,000	102	*	*	5.73	(R)
	400	50,000	163	*	*	9.16	(R)
Metal Halide	250	20,500	99	*	6.47	5.57	(R)
	400	40,000	156	*	9.67	*	(R)
Cobrahead, Metal Halide	175	12,000	71	*	5.16	3.99	(R)
Flood, Metal Halide	400	40,000	156	14.43	9.97	8.77	(R)
Cobrahead, Dual Wattage HPS							
70/100 Watt Ballast	100	9,500	43	*	3.31	*	(R)
100/150 Watt Ballast	100	9,500	43	*	3.31	*	(R)
100/150 Watt Ballast	150	16,000	62	*	4.38	3.49	(R)
Special Architectural Types							
KIM SBC Shoebox, HPS	150	16,000	62	*	4.38	3.49	(R)
KIM Archetype, HPS	250	29,000	102	*	7.74	5.73	(R)
	400	50,000	163	*	11.61	9.16	(R)

\* Not offered

**SCHEDULE 591 (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>	<u>Option C</u>	
Special Acorn-Type, HPS	70	6,300	30	\$10.58	\$3.26	*	(I)(R)
Special GardCo Bronze Alloy							
HPS	70	5,000	30	*	*	\$1.69	(R)
Mercury Vapor	175	7,000	66	*	*	3.71	(R)
Early American Post-Top, HPS							
Black	70	6,300	30	7.15	2.73	1.69	(I)(R)
Rectangle Type	200	22,000	79	*	*	4.44	(R)
Incandescent	92	1,000	31	*	*	1.74	(R)
	182	2,500	62	*	*	3.49	(R)
Town and Country Post-Top							
Mercury Vapor	175	7,000	66	9.23	4.81	3.71	(R)
Flood, HPS	70	6,300	30	6.40	2.78	*	(R)
	100	9,500	43	7.14	3.49	2.42	(R)
	200	22,000	79	10.73	5.60	4.44	(R)
Cobrahead, HPS							
Power Door	310	37,000	124	*	8.24	6.97	(C)(R)
Special Types Customer-Owned & Maintained							
Ornamental, HPS	100	9,500	43	*	*	2.42	(R)
Twin ornamental, HPS	Twin 100	9,500	86	*	*	4.83	(R)
Compact Fluorescent	28	N/A	12	*	*	0.67	(R)

\* Not offered.

**SCHEDULE 591 (Continued)**

**RATES FOR OBSOLETE LIGHTING POLES**

<u>Type of Pole</u>	<u>Poles Length (feet)</u>	Monthly Rates		
		<u>Option A</u>	<u>Option B</u>	
Aluminum Post	30	\$4.78	*	(R)
Aluminum, Painted Ornamental	35	*	*	(C)
Aluminum, Regular	16	4.78	0.16	(R)
Bronze Alloy GardCo	12	*	0.23	(I)
Concrete, Ornamental	35 or less	8.88	0.30	(R)
Fiberglass, Direct Bury with Shroud	18	7.06	0.24	(R)
Steel, Painted Regular **	25	8.88	0.30	(R)
Steel, Painted Regular **	30	10.19	0.34	(R)
Steel, Unpainted 6-foot Mast Arm **	30	*	0.36	
Steel, Unpainted 6-foot Davit Arm **	30	*	0.36	
Steel, Unpainted 8-foot Mast Arm **	35	*	0.41	(I)
Steel, Unpainted 8-foot Davit Arm **	35	*	0.41	(I)
Wood, Laminated without Mast Arm	20	5.16	0.17	(I)
Wood, Laminated Street Light Only	20	5.16	*	(I)
Wood, Curved Laminated	30	7.17	0.28	(I)
Wood, Painted Underground	35	6.26	0.21	(R)(I)

\* Not offered.

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

**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>	Monthly Rates			
				<u>Option A</u>	<u>Option B</u>	<u>Option C</u>	
Special Architectural Types Including Philips QL Induction Lamp Systems							
HADCO Victorian, QL	85	6,000	32	*	\$2.13	\$1.80	(R)
	165	12,000	60	*	1.81	0.84	(R)
	165	12,000	60	*	4.65	3.37	(C)(R)

**SCHEDULE 592  
TRAFFIC SIGNALS  
DIRECT ACCESS SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To municipalities or agencies of federal or state governments served on Schedule 92, who purchase Electricity from an Electricity Service Supplier (ESS) for traffic signals and warning facilities in systems containing at least 50 intersections on public streets and highways, where funds for payment of Electricity are provided through taxation or property assessment. This schedule is available only to those governmental agencies receiving service under Schedule 92 as of September 30, 2001.

**CHARACTER OF SERVICE**

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

**MONTHLY RATE**

The charge per Service Point (SP)\* is:

Distribution Charge	1.409 ¢ per kWh	(R)
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\* See Schedule 100 for applicable adjustments.

**ESS CHARGES**

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS. If the Customer chooses to receive an ESS Consolidated Bill, the Company's charges for Direct Access Service are not required to be separately stated on an ESS Consolidated Bill.

**ADJUSTMENTS**

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



**SCHEDULE 595 (Continued)**

**STREETLIGHT POLES SERVICE OPTIONS**

Option A and Option B – Poles

See Schedule 91/591 for Streetlight poles service options.

**MONTHLY RATE**

The service rates for Option A and Option B lights include the following charges for each installed luminaire based on the Monthly kWhs applicable to each luminaire.

Distribution Charge 5.622 ¢ per kWh (R)

Energy Charge Provided by Electricity Service Supplier

**REPLACEMENT OF NON-REPAIRABLE LUMINAIRES INSTALLATION LABOR RATES**

Labor Rates	Straight Time	Overtime <sup>(1)</sup>
	\$124.00 per hour	\$155.00 per hour

(1) Per Article 20.2 of the Collective Bargaining Agreement Union No. 125 Contract, overtime is paid at the Overtime Rate for a minimum of one hour.

**RATES FOR STANDARD LIGHTING**

**Light-Emitting Diode (LED) Only – Option A and Option B Service Rates**

LED lighting is new to the Company and pricing is changing rapidly. The Company may adjust rates under this schedule based on actual frequency of maintenance occurrences and changes in material prices.

(M)

**SCHEDULE 595 (Continued)**

RATES FOR STANDARD LIGHTING (Continued)

Light-Emitting Diode (LED) Only – Option A and Option B 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>
Roadway LED	>20-25	3,000	8	\$5.26	\$0.86
	>25-30	3,470	9	5.32	0.92
	>30-35	2,530	11	5.71	1.03
	>35-40	4,245	13	5.54	1.14
	>40-45	5,020	15	5.79	1.25
	>45-50	3,162	16	5.96	1.31
	>50-55	3,757	18	6.32	1.43
	>55-60	4,845	20	6.07	1.53
	>60-65	4,700	21	6.13	1.59
	>65-70	5,050	23	6.82	1.71
	>70-75	7,640	25	6.99	1.84
	>75-80	8,935	26	7.04	1.89
	>80-85	9,582	28	7.15	2.00
	>85-90	10,230	30	7.27	2.12
	>90-95	9,928	32	7.38	2.23
	>95-100	11,719	33	7.44	2.29
	100-110	7,444	36	7.94	2.45
	110-120	12,340	39	7.77	2.62
	120-130	13,270	43	8.00	2.85
	130-140	14,200	46	9.11	3.04
	140-150	15,250	50	10.30	3.29
	150-160	16,300	53	10.47	3.46
	160-170	17,300	56	10.64	3.63
	170-180	18,300	60	10.75	3.84
	180-190	19,850	63	11.03	4.02
	190-200	21,400	67	11.47	4.25

(M)  
(C)  
(C)  
(M)

**SCHEDULE 595 (Continued)**

RATES FOR STANDARD LIGHTING (Continued)  
Light-Emitting Diode (LED) Only – Option C Energy Use (Continued)

<u>Type of Light</u>	<u>Watts*</u>	<u>Monthly kWh**</u>
LED	5 - 10	3
LED	>10 - 15	4
LED	>15 - 20	6
LED	>20 - 25	8
LED	>25 - 30	9
LED	>30 - 35	11
LED	>35 - 40	13
LED	>40 - 45	15
LED	>45 - 50	16
LED	>50 - 55	18
LED	>55 - 60	20
LED	>60 - 65	21
LED	>65 - 70	23
LED	>70 - 75	25
LED	>75 - 80	26
LED	>80 - 85	28
LED	>85 - 90	30
LED	>90 - 95	32
LED	>95 - 100	33
LED	>100 - 110	36
LED	>110 - 120	39
LED	>120 - 130	43
LED	>130 - 140	46
LED	>140 - 150	50
LED	>150 - 160	53
LED	>160 - 170	56

(M)

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(M)

\* Wattage based on total consumption of fixture (lamp, driver, photo control, etc). Customer may be required to provide verification of total energy consumption upon Company request.

\*\* Monthly kWh figure based on 4,100 burning hours per year and midpoint of listed watt range, rounded to the nearest kWh.

Monthly kWh = (midpoint of wattage range / 1,000) x (4,100 hours / 12 months)

**SCHEDULE 595 (Continued)**

RATES FOR STANDARD LIGHTING (Continued)  
Light-Emitting Diode (LED) Only – Option C Energy Use (Continued)

(M)

<u>Type of Light</u>	<u>Watts*</u>	<u>Monthly kWh**</u>
LED	>170 - 180	60
LED	>180 - 190	63
LED	>190 - 200	67
LED	>200 - 210	70
LED	>210 - 220	73
LED	>220 - 230	77
LED	>230 - 240	80
LED	>240 - 250	84
LED	>250 - 260	87
LED	>260 - 270	91
LED	>270 - 280	94
LED	>280 - 290	97
LED	>290 - 300	101

\* Wattage based on total consumption of fixture (lamp, driver, photo control, etc). Customer may be required to provide verification of total energy consumption upon Company request.

\*\* Monthly kWh figure based on 4,100 burning hours per year and midpoint of listed watt range, rounded to the nearest kWh.

Monthly kWh = (midpoint of wattage range / 1,000) x (4,100 hours / 12 months)

(M)

**SCHEDULE 595 (Continued)**

**RATES FOR DECORATIVE LIGHTING**

**Light-Emitting Diode (LED) Only – Option A and Option B 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>	
Acorn							
LED	>35-40		3,262	13	\$13.30	\$1.34	(C)
	>40-45		3,500	15	13.41	1.45	
	>45-50		5,488	16	11.33	1.45	
	>50-55		4,000	18	13.58	1.62	
	>55-60		4,213	20	13.69	1.73	
	>60-65		4,273	21	13.75	1.79	
	>65-70		4,332	23	13.82	1.90	
	>70-75		4,897	25	13.98	2.02	(C)
	HADCO LED	70	5,120	24	18.09	2.07	(R)
	Pendant LED (Non-Flared)	36	3,369	12	14.72	1.32	(R)(C)
		53	5,079	18	15.84	1.68	
		69	6,661	24	16.31	2.02	
		85	8,153	29	17.15	2.32	(R) (D)
	Pendant LED (Flared)	>35-40	3,369	13	14.95	1.38	(C)
		>40-45	3,797	15	15.06	1.49	
		>45-50	4,438	16	15.12	1.55	
		>50-55	5,079	18	16.34	1.69	
		>55-60	5,475	20	16.45	1.80	
		>60-65	6,068	21	16.51	1.86	
		>65-70	6,661	23	17.40	1.99	
		>70-75	7,034	25	17.52	2.11	
		>75-80	7,594	26	17.76	2.17	
		>80-85	8,153	28	17.87	2.28	(C)
	Post-Top, American Revolution LED	>30-35	3,395	11	7.23	1.07	(C)
		>45-50	4,409	16	7.86	1.36	
	Flood LED	>80-85	10,530	28	8.21	2.02	
		>120-130	16,932	43	9.59	2.89	
		>180-190	23,797	63	11.79	4.04	
		>370-380	48,020	127	19.87	7.75	(C)

### SCHEDULE 595 (Continued)

#### SPECIALTY SERVICES OFFERED

(M)

Upon Customer request and subject to the Company's operating constraints, 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.
- . Painting or staining of wood and steel streetlight poles.

#### ESS CHARGES

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS. If the Customer chooses to receive an ESS Consolidated Bill, the Company's charges for Direct Access Service are not required to be separately stated on an ESS Consolidated Bill.

#### ADJUSTMENTS

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

#### NOVEMBER ELECTION WINDOW

The November Election Window begins at 2:00 p.m. on November 15<sup>th</sup> (or the following business day if the 15<sup>th</sup> falls on a weekend or holiday). The November Election Window 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 1<sup>st</sup>. Customers may notify the Company of a choice to change service options using the Company's website, [PortlandGeneral.com/business](http://PortlandGeneral.com/business)

#### SPECIAL CONDITIONS

1. The Company may periodically 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 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.

(M)

**SCHEDULE 595 (Continued)**

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. This condition applies if a Customer's selection of service under this Schedule requires the removal of Company-owned streetlighting equipment or poles.
5. If circuits or poles not already covered under Special Condition 2 or 3 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.
6. For Option C lights: The Company does not provide the circuit on new installations.
7. 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.
8. For Option A and Option B lights: The Company shall not be liable when either (i) the luminaires become inoperable or (ii) repair or replacement of inoperable luminaires is delayed or prevented; provided that, such inoperability of the luminaires or delay or prevention of repair or replacement is due to any cause beyond the Company's control, or that otherwise could not reasonably be foreseen or guarded against including but not limited to such causes as: strikes, lockouts, labor troubles, riots, insurrection, war, acts of God, extreme weather conditions, access to equipment, or the like.
9. For Option C lights: The Customer must ensure that (i) all maintenance and other work associated with this schedule is in compliance with the applicable requirements of OSHA, OPUC Safety Rules, the NESC and/or NEC and (ii) that all such work is performed by a Qualified Worker. A "Qualified Worker" means one who is knowledgeable about the construction and operation of the electric power generation, transmission, and distribution equipment as it relates to his or her work, along with the associated hazards, as demonstrated by satisfying the qualifying requirements for a "qualified person" or "qualified employee" with regard to the work in question as described in 29 CFR 1910.269 effective January 31, 1994, as it may be amended from time to time. In this case, a Qualified Worker is a journeyman lineman, or someone who has the equivalent training, expertise and experience to perform journeyman lineman work.

(M)

(M)

**SCHEDULE 595 (Continued)**

SPECIAL CONDITIONS (Continued)

(M)

10. Indemnification:

- a. For Option A lights: To the extent permitted by the Oregon Constitution and subject to the limits of the Oregon Tort Claims Act, the Customer shall hold the Company harmless and indemnify it for any and all third-party claims, actions, liability, costs, and expense by reason of injury to or death of persons or damage to property arising or resulting from any negligent acts or omissions or willful misconduct of the Customer, its officers, employees, or agents that arise under this Schedule, including but not limited to the street lighting requested by Customer, its officers, employees, or agents under this Schedule or the associated lighting levels. The Company shall hold Customer harmless and indemnify it for any and all third-party claims, actions, liability, costs, and expense by reason of injury to or death of persons or damage to property arising or resulting from any negligent acts or omissions or willful misconduct of the Company, its officers, employees, or agents that arise under this Schedule.
- b. For Option B lights: To the extent permitted by the Oregon Constitution and subject to the limits of the Oregon Tort Claims Act, the Customer shall hold the Company harmless and indemnify it for any and all third-party claims, actions, liability, costs, and expense by reason of injury to or death of persons or damage to property arising or resulting from any negligent acts or omissions or willful misconduct of the Customer, its officers, employees, or agents that arise under this Schedule, including but not limited to the street lighting requested by Customer, its officers, employees, or agents under this Schedule or the associated lighting levels or Customer's failure to comply with any of its obligations under Special Condition 10.d. below. The Company shall hold Customer harmless and indemnify it for any and all third-party claims, actions, liability, costs, and expense by reason of injury to or death of persons or damage to property arising or resulting from any negligent acts or omissions or willful misconduct of the Company, its officers, employees, agents, or contractors that arise under this Schedule.
- c. For Option C lights: To the extent permitted by the Oregon Constitution and subject to the limits of the Oregon Tort Claims Act, the Customer shall hold the Company harmless and indemnify it for any and all third-party claims, actions, liability, costs, and expense by reason of injury to or death of persons or damage to property arising or resulting from any negligent acts or omissions or willful misconduct of the Customer, its officers, employees, or agents that arise under this Schedule, including but not limited to the street lighting requested by Customer, its officers, employees, or agents under this Schedule or the associated lighting levels or Customer's failure to comply with any of its obligations under Special Condition 10.c. below. This paragraph applies only to Option C lights that are attached to poles owned by PGE and does not apply to Option C lights attached to poles owned by Customer.

(M)



**SCHEDULE 595 (Continued)**

(T)

SPECIAL CONDITIONS (Continued)

- d. For Option B and Option C lights: Customer has the obligation to ensure that any contractor performing any street or outdoor area light maintenance work or any construction associated with street or outdoor area lighting carry commercial liability insurance in an aggregate amount of \$5 million and \$2 million per occurrence and list PGE as an additional insured on the policy or policies. Customer will, at least seven (7) business days prior to the performance by a contractor of any street or outdoor area light maintenance work or any construction associated with street or outdoor area lighting, cause the contractor to furnish the Company with a certificate naming the Company as an additional insured under the contractor's commercial liability policy or policies. This paragraph shall not apply to Option C lights that are attached to poles owned by Customer.
  - e. Customer will provide (i) commercial liability insurance in an aggregate amount of \$5 million and \$2 million per occurrence and list PGE as an additional insured on the policy or policies or (ii) proof of adequate self-insurance for the amounts identified. All Insurance certificates or proof of self-insurance required under this Schedule shall be sent to Portland General Electric Company, Utility Asset Management, 2213 SW 153rd, Beaverton, OR 97006. All insurance required by this Schedule, to the extent it is provided by an insurance carrier, must be provided by an insurance carrier rated "A-" VIII or better by the A.M. Best Key Rating Guide. All policies of insurance required to be carried under this Schedule shall not be cancelled, reduced in coverage or renewal refused without at least thirty (30) days' prior written notice to the Company. The insurance coverage required by this Schedule must (i) be primary over, and pay without contribution from, any other insurance or self-insurance used by the Company, and (ii) waive all rights of subrogation against the Company. Customer shall bear all costs of deductibles and shall remain solely and fully liable for the full amount of any liability to the Company that is not compensated by Customer's or contractor's insurance.
  - f. The indemnifying party under this Schedule shall be liable only for third-party claims, actions, liability, costs, and expense pursuant to the terms of this Schedule and shall not be liable to the indemnified party for any of the indemnified party's special, punitive, exemplary, consequential, incidental or indirect losses or damages. For avoidance of doubt, the indemnifying party shall pay all reasonable attorneys' fees, experts' fees, and other legal expenses incurred in responding to or defending the third-party claim or action.
11. The Customer is responsible for the cost of temporary disconnection and reconnection of Electricity Service. The Customer must provide written notice to request a temporary disconnection. During the period of temporary disconnection, the Customer remains responsible for all fixed charges in this schedule except for the cost of providing energy. After one year, the disconnection may no longer considered temporary and the facilities removed with the Customer responsible for the cost listed in Special Condition No. 3 of this schedule.

(M)

(M)

**SCHEDULE 595 (Concluded)**

SPECIAL CONDITIONS (Continued)

12. For Option C lights: Customer is responsible to notify the Company within 30 days of conversions to Option C lights in this Schedule. The Company will limit all billing adjustments to 30 days back. The Company will use the nearest billing cycle date for all adjustments.

**TERM**

Service under this schedule will not be for less than one year.

(M)

(M)

**SCHEDULE 600 (Continued)**

**ESS SUPPORT SERVICES**

The following charges are applicable to Scheduling and Non-Scheduling ESSs:

- |     |   |  |     |
|-----|---|--|-----|
| (1) | Application Processing Fee  | \$400.00 with Application  |     |
| (2) | Registration Renewal Fee  | \$200.00   |     |
| (3) | Electronic Data Interchange Testing   | \$100.00 per man-hour for all hours in excess of 16 hours annually |     |
| (4) | Change of Effective Date Request (Rule K)   | \$ 35.00   |     |
| (5) | Switching Fee (Rule K)<br>(Applicable for each Enrollment or Drop DASR, not applicable for Rescind or Change DASRs) | \$ 20.00   |     |
| (6) | Customer Change of Location (Rule K)  | \$5,000.00   | (R) |

**ESS BILLING SERVICES**

- |     |   |   |  |
|-----|---|---|--|
| (1) | ESS Consolidated Bill<br>Billing Credit | \$ 0.63 per bill  |  |
| (2) | Late Pay Charge                         | 2.0 % of delinquent balances for products and services purchased under this Tariff. |  |

**CUSTOMER INFORMATION**

- |   |  |
|---|--|
| ESS Web Portal Historical Usage Download for Interval Data Charge | \$ 20.00 per Service Point Identification (SPID) |
|---|--|

**BILLING AND PAYMENT**

Charges incurred for Schedule 600 services are the responsibility of the ESS for which service was provided and are due and payable as described in the Company's General Rules and Regulations.

**SCHEDULE 600 (Concluded)**

**SPECIAL CONDITION**

The ESS must purchase firm Transmission Service under the Company's OATT for not less than one-month duration and will be charged at the OATT monthly rate for firm transmission.

**PGE SYSTEM LOSSES**

The ESS will schedule sufficient Energy to provide for the following losses on the Company's system:

		<u>Delivery Voltage</u>		
	Secondary	Primary	Subtransmission	
Losses:	4.20%	3.09%	1.96%	(C)

**SCHEDULE 689 (Continued)**

APPLICABLE (Continued)

Load served under Schedule 689 will not be counted under the Long Term Direct Access cap that applies to Schedules 485, 489, 490, 491, 492 and 495. The expected load of the Customer, defined as the “Contracted Load” in the opt out agreement between the Customer and the Company, will be the amount of load that is initially counted toward the New Load Direct Access cap for the first 60 months, unless a Customer is earlier de-enrolled under the terms of this Schedule 689 or the terms of the opt-out agreement.

The Contracted Load for each Customer will be counted toward the cap limit for up to the first 60 months of service. Following 60 months of service on Schedule 689, the Customer’s actual load factor (LF) will be applied to the contracted demand (MW) to calculate a Customer’s MWA to be captured and counted toward the New Large Load Program cap thereafter, and the total amount of load under the cap will be adjusted at such time of inquiry, in accordance with actual loads.

**MONTHLY RATE**

The Monthly Rate will be the sum of the following charges at the applicable Delivery Voltage per Service Point (SP)\*:

	Delivery Voltage			
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>	\$5,290.00	\$3,640.00	\$5,580.00	(I)
<u>Distribution Charges**</u>				
The sum of the following:				
per kW of Facility Capacity				
First 4,000 kW	\$1.33	\$1.32	\$1.32	(R)
Over 4,000 kW	\$1.02	\$1.01	\$1.01	(R)
per kW of monthly On-Peak Demand	\$1.47	\$1.46	\$0.46	(R)
<u>System Usage Charge</u>				
per kWh	0.084 ¢	0.085 ¢	0.085 ¢	(I)
<u>Administrative Fee</u>	\$0.00	\$0.00	\$0.00	

\* See Schedule 100 for applicable adjustments.

\*\* The Customer’s load, as reflected in the opt-out agreement executed between the Customer and PGE, may be higher than that reflected in a minimum load agreement for purposes of calculating the minimum monthly Facility Capacity and monthly Demand for the SP, for any Customer with dedicated substation capacity and/or redundant distribution facilities.

**SCHEDULE 689 (Continued)**

**ENERGY SUPPLY**

The Customer may elect to purchase Energy from an Electric Service Supplier (ESS) certified by the PUC to do business in PGE's service territory, (Direct Access Service) or from the Company (Company Supplied Energy). Election of energy supply from an ESS or from the Company applies toward the cap of this program.

Direct Access Service

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, transmission and other services as well as any other charges specified in the agreement between the Customer and the ESS.

Company Supplied Energy

The Company Daily Market Energy Option is the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Index) plus 2 mills per kWh 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. Prices reported with no transaction volume or as "survey-based" will be considered reported.

Upon not less than five business days' notice, the Customer may choose the Company Supplied Energy Charge option. The election of this option will be effective on the next regularly scheduled meter reading date, but with not less than a five business day notice to the Company prior to the scheduled meter read date.

Additional charges to meet the state of Oregon's Renewable Portfolio Standard may apply following future Commission determination.

Wheeling Charge

The Wheeling Charge will be \$1.850 per kW of monthly Demand.

(I)

### SCHEDULE 689 (Continued)

#### ON AND OFF PEAK HOURS

On-peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

#### LOSSES

The following adjustment factors will be used where losses are to be included in the Energy Charges:

Subtransmission Delivery Voltage	1.0416	(I)
Primary Delivery Voltage	1.0530	(I)
Secondary Delivery Voltage	1.0640	(R)

#### REACTIVE DEMAND CHARGE

In addition to the Monthly Rate, the Customer will pay 50¢ for each kilovolt-ampere of Reactive Demand in excess of 40% of the maximum Demand. Such charge is separate from and in addition to the Minimum Charge specified.

#### ADJUSTMENTS

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

#### EXISTING LOAD SHORTAGE TRANSITION ADJUSTMENT

The Existing Load Shortage Transition Adjustment will be applied to the Existing Load Shortage of the Customer and to the Existing Load Shortage of the Customer's Affiliated Customers. An Affiliated Customer is a controlling interest which is held by another Customer, engaged in the same line of business as the holder of the controlling interest. Existing Load Shortage is the larger of zero or a Customer's average historic cost-of-service load plus Incremental Demand Side Management less the average cost-of-service eligible load during the previous 60 months. Average Historical Cost-of-Service Load is the average monthly Cost-of-Service Eligible Load during the preceding 60 months prior to signing of the service agreement between the Customer and the Company for service on this rate schedule. Incremental Demand Side Management is the effective net impact of energy efficiency measures after the Customer has entered a written and binding agreement with the Company through the service agreement between the Customer and the Company.

**SCHEDULE 750**  
**INFORMATIONAL ONLY: FRANCHISE FEE RATE RECOVERY**

**PURPOSE**

To inform customers regarding the level of franchise fee rate recovery contained in each schedule's system usage or distribution charges.

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To all Residential and Nonresidential Customers located within the Company's service territory.

**FRANCHISE FEE RATE RECOVERY**

The Rates, included in the applicable system usage and distribution charges are:

<u>Schedule</u>	<u>Franchise Fee Rate</u>	<u>Included in:</u>	
7	0.358 ¢ per kWh	Distribution Charge	(I)
15	0.640 ¢ per kWh	Distribution Charge	(I)
32	0.330 ¢ per kWh	Distribution Charge	(I)
38	0.360 ¢ per kWh	Distribution Charge	(I)
47	0.540 ¢ per kWh	Distribution Charge	(I)
49	0.408 ¢ per kWh	Distribution Charge	(I)
75			
Secondary	0.167 ¢ per kWh	System Usage Charge	(I)
Primary	0.165 ¢ per kWh	System Usage Charge	(I)
Subtransmission	0.163 ¢ per kWh	System Usage Charge	(I)

**DO NOT BILL**



**SCHEDULE 750 (Continued)**

FRANCHISE FEE RATE RECOVERY (Continued)

The Rates, included in the applicable system usage and distribution charges are:

<u>Schedule</u>	<u>Franchise Fee Rate</u>	<u>Included in:</u>	
83	0.249 ¢ per kWh	System Usage Charge	(I)
85			
Secondary	0.199 ¢ per kWh	System Usage Charge	(I)
Primary	0.196 ¢ per kWh	System Usage Charge	(I)
89			
Secondary	0.167 ¢ per kWh	System Usage Charge	(I)
Primary	0.165 ¢ per kWh	System Usage Charge	(I)
Subtransmission	0.163 ¢ per kWh	System Usage Charge	(I)
90			
Primary	0.149 ¢ per kWh	System Usage Charge	(I)
Subtransmission	0.149 ¢ per kWh	System Usage Charge	(N)
91	0.699 ¢ per kWh	Distribution Charge	(I)
92	0.181 ¢ per kWh	Distribution Charge	(R)
95	0.699 ¢ per kWh	Distribution Charge	(I)
485			
Secondary	0.056 ¢ per kWh	System Usage Charge	(R)
Primary	0.055 ¢ per kWh	System Usage Charge	(R)
489			
Secondary	0.028 ¢ per kWh	System Usage Charge	(R)
Primary	0.027 ¢ per kWh	System Usage Charge	(R)
Subtransmission	0.027 ¢ per kWh	System Usage Charge	(R)
490			
Primary	0.011 ¢ per kWh	System Usage Charge	(R)
Subtransmission	0.011 ¢ per kWh	System Usage Charge	(N)
491	0.563 ¢ per kWh	Distribution Charge	(I)
492	0.037 ¢ per kWh	Distribution Charge	(R)
495	0.563 ¢ per kWh	Distribution Charge	(I)

**DO NOT BILL**

**SCHEDULE 750 (Concluded)**

FRANCHISE FEE RATE RECOVERY (Concluded)

The Rates, included in the applicable system usage and distribution charges are:

<u>Schedule</u>	<u>Franchise Fee Rate</u>	<u>Included in:</u>	
515	0.494 ¢ per kWh	Distribution Charge	(I)
532	0.167 ¢ per kWh	Distribution Charge	(I)
538	0.209 ¢ per kWh	Distribution Charge	(I)
549	0.224 ¢ per kWh	Distribution Charge	(I)
575			
Secondary	0.028 ¢ per kWh	System Usage Charge	(R)
Primary	0.027 ¢ per kWh	System Usage Charge	(R)
Subtransmission	0.027 ¢ per kWh	System Usage Charge	(R)
583	0.088 ¢ per kWh	System Usage Charge	(I)
585			
Secondary	0.056 ¢ per kWh	System Usage Charge	(R)
Primary	0.055 ¢ per kWh	System Usage Charge	(R)
589			
Secondary	0.028 ¢ per kWh	System Usage Charge	(R)
Primary	0.027 ¢ per kWh	System Usage Charge	(R)
Subtransmission	0.027 ¢ per kWh	System Usage Charge	(R)
590			
Primary	0.011 ¢ per kWh	System Usage Charge	(R)
Subtransmission	0.011 ¢ per kWh	System Usage Charge	(N)
591	0.563 ¢ per kWh	Distribution Charge	(I)
592	0.037 ¢ per kWh	Distribution Charge	(R)
595	0.563 ¢ per kWh	Distribution Charge	(I)
689			
Secondary	0.028 ¢ per kWh	System Usage Charge	(R)
Primary	0.027 ¢ per kWh	System Usage Charge	(R)
Subtransmission	0.027 ¢ per kWh	System Usage Charge	(R)

DO NOT BILL

**29. Large Nonresidential Customer**

A Nonresidential Customer whose monthly Demand has exceeded 30 kW at least twice within the preceding 13 months, or with seven months or less of service whose Demand has exceeded 30 kW.

**30. Losses**

The difference between the amount of electricity generated and the amount sold to Customers within a given period of time. Losses largely reflect the electricity lost as a result transformation and transmission, but also include Company use and potentially electricity theft.

**31. Multi-Family Dwelling**

A residential building that contains three or more dwelling units.

**32. Network Meter**

Metered service that is the basis of PGE's Smart Grid (Advanced Metering Infrastructure) Technology Program with functionality to collect, receive and transmit meter-related data remotely.

**33. Nonresidential Customer**

A Customer that does not meet the definition of a Residential Customer.

**34. Non-Network Meter (Residential only)**

Metered service not part of PGE's Smart Grid (Advanced Metering Infrastructure) Technology Program with functionality to collect and receive meter-related data for manual collection.

**35. Operational Order to Deliver Electricity**

An order issued by the Company to scheduling ESSs to deliver additional Electricity for purposes of maintaining the integrity of the Company's facilities.

**36. Portfolio**

A set of product and pricing options provided to Residential Customers and Small Nonresidential Customers.

**37. Premises**

Real and personal property owned and/or used by a Customer at a single location, which contains a Service Point.

(N)

(N)

(T)

(T)

(T)

(T)

(T)

(T)

**38. Reactive Demand**

**(T)**

The maximum rate of delivery of kilovolt-amperes reactive (kVars) measured over a nominal 30-minute interval. Reactive Demand must be supplied to most types of magnetic equipment, such as motors. It is supplied by generators or by electrostatic equipment, such as capacitors, motors or transformers. It is recognized as a necessary Ancillary Service.

**39. Reactive Demand Charge**

**(T)**

A charge for Reactive Demand assessed to Customers with loads that are supplied Reactive Demand on the Company's system.

**40. Residential Customer**

**(T)**

A Customer that has applied for and been accepted to receive service at a dwelling primarily used for residential purposes, including, but not limited to, single family dwellings, separately metered apartment units, mobile homes, and houseboats, but excluding dwellings employed for Transient Occupancy, such as hotels, motels, camps, lodges, and clubs.

For purposes of this rule, a dwelling must contain permanent facilities for sleeping, bathing, and cooking.

Boarding houses with no more than four separate sleeping quarters for use by people who are not members of the Residential Customer's family and "adult foster homes" (defined in ORS 443.705 as a home or facility in which residential care is provided for five or fewer adults who are not related to the Residential Customer by blood or marriage) are residential dwellings.

When there is nonresidential use of Electricity at a dwelling used primarily for residential purposes, the Company will classify the Customer as residential if the Company determines that Electricity consumed in a typical month for residential use exceeds that consumed for nonresidential use, and if the nonresidential use is carried out primarily by the occupants of the dwelling.

Individual dwelling units in newly constructed multi-family residential buildings will be individually metered and billed as Residential Customers.

Service through one meter to two dwelling units will be classified as one Residential Customer where an existing dwelling unit is or has been divided into two dwelling units, provided the ampacity of the service equipment is not increased. In the case where service is supplied through one meter to two or more new dwelling units, or to three or more existing dwelling units, service will be classified as nonresidential service.

With the exception of the separately metered Residential Electric Vehicle Time of Use (EV TOU) Option under Schedule 7, service through additional meters to other than dwellings on residential premises will be classified as nonresidential.

**41. Scheduled Crew Hours (T)**

Those times that Company service crew personnel are working at their regular rate of pay. Scheduled Crew Hours may vary by location and type of work.

**42. Service Point (SP) (T)**

Unless otherwise designated by agreement, the first point of connection of the Company's service drop, service lateral or bus to the Customer's service entrance conductors or equipment determined without regard to the location of the meter or metering equipment.

**43. Service Point Identification (SPID) (T)**

A code that identifies each unique Service Point and associated Company meter location (if applicable).

**44. Single-Family Dwelling (N)**

A residential building that contains less than three dwelling units. (N)

**45. Site (T)**

- A. Buildings and related structures that are interconnected by facilities owned by a single retail electricity Customer and that are served through a single electric meter; or
- B. A single contiguous area of land containing buildings or other structures that are separated by not more than 1,000 feet, such that
  - 1) Each building or structure included in the site is no more than 1,000 feet from at least one other building or structure in the site;

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- 2) Buildings and structures in the Site, and land containing and connecting buildings and structures in the Site, are owned by a single retail electricity Customer who is billed for electricity use at the buildings and structures; and (M)
- 3) Land will be considered to be contiguous even if there is an intervening public or railroad right of way, provided that rights of way land, on which municipal infrastructure facilities exist (such as streetlighting, sewerage transmission, and roadway controls), will not be considered contiguous. (M)
- 46. Small Nonresidential Customer** (T)
- A Nonresidential Customer who does not meet the definition of a Large Nonresidential Customer, which means the Nonresidential Customer has not exceeded 30 kW more than once within the preceding 13 months, or with seven months or less of service had not exceeded 30 kW.
- 47. Standard Service** (T)
- A service option provided by the Company to a Nonresidential Customer who elects to purchase Electricity from the Company rather than from an ESS.
- 48. Summer Months** (T)
- Summer Months are the six regular Billing Periods from May through October.
- 49. Tariff** (T)
- This Tariff, including all schedules, rules and regulations as they may be modified or amended from time to time.
- 50. Theft of Service** (T)
- Theft of Service occurs when an Applicant or Customer initiates or maintains Electricity Service through fraudulent means, including but not limited to providing false identification or false information to establish an account or credit, paying for Electricity Service with a stolen financial account, tampering with Company equipment including but not limited to the meter, or diverting service.
- 51. Renewable Energy Certificates** (T)
- Renewable Energy Certificates (RECs) consist of the non-power attributes resulting from the generation of Energy by a qualified renewable resource. Such attributes may be fuel, emissions, or other environmental characteristics deemed of value by a REC purchaser.

Non-power attributes include, but are not limited to, any avoided emissions of pollutants to the air, soil or water such as sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO), and any other pollutant that is now or may in the future be regulated under the pollution control laws of the United States; and further include any avoided emissions of carbon dioxide (CO2) and any other greenhouse gas (GHG) that contributes to the actual or potential threat of altering the Earth's climate. These non-power attributes are expressed in MWh.

Non-power attributes do not include any energy, reliability, scheduling, shaping or other power attributes.

- 52. Transient Occupancy** (T)  
Tenancy at a Premise for a duration of less than 30 days.
- 53. Utility Provided Service** (T)  
The provision of Electricity Service to a Customer by the Company.
- 54. Winter Months** (T)  
Winter Months are the six regular Billing Periods from November through April.

RULE B (Concluded)

F. **Temporary Relocations**

Where the Company is required to temporarily move its Facilities either because the Company cannot move its Facilities to the new permanent placement or the Facilities will be returned to their former location at a later point in time, the costs of the temporary relocation will be borne by the requesting party regardless of its status as a Public Works Project or otherwise. A temporary relocation is defined as any relocation where the Company must move its facilities two or more times within a three-year period.

8. **Service Restoration**

A. **Generally**

During a major outage due to events such as a major storm, the Company will follow priorities for service restoration as provided below. These restoration procedures are followed in order to restore service to the greatest number of Customers as quickly, efficiently, and safely as possible with special consideration given to Customers that are critically essential to public safety and welfare.

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The Company maintains a list of critical Customers that includes but is not limited to hospitals, airports, 911 dispatch centers, fire and police stations, water and sewage treatment plants, emergency media, and emergency communications facilities. The Company will establish a prioritization framework for service restoration to critical Customers that leverages the service priority order in the next section.

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B. **Service Priority [Order]**

The Service restoration work priorities listed below may be performed in parallel by different work crews from different parts of the Company to ensure all Customers are restored as quickly, efficiently, and safely as possible.

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The priorities for service restoration are generally as follows:

1) **Protect Public Safety**

The Company will clear energized, downed power lines and repair equipment that poses a public safety hazard. The Company will ensure that critical [Customers'] facilities have power.

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| 2) | <b>Check Generation Facilities</b><br>The Company will determine if repairs are needed to any of its generation facilities. If so, the generation facility will be taken off-line, and the Company will use undamaged generation facilities for power production.  | (N)<br> <br>(N)            |
| 3) | <b>Repair Transmission Lines to Substations</b><br>The Company will make necessary repairs to the transmission system, connecting generation facilities to substations to ensure system stability. The Company will also make necessary repairs to transmission lines, substations, and distribution facilities prioritizing those that connect substations to critical Customers. The Company will continue to repair remaining transmission lines.           | (C)<br> <br>(C)            |
| 4) | <b>Repair Substations</b><br>The Company will repair substations making it possible to restore service to distribution lines.  | (T)<br><br>(C)             |
| 5) | <b>Repair Feeder Distribution Lines</b><br>The Company will repair distribution lines serving critical Customers as well as lines that may be blocking streets or highways. The Company will repair remaining distribution lines after service is restored to critical Customers.  | (C)<br><br>(C)<br>(C)      |
| 6) | <b>Repair Tap Lines</b><br>The Company will repair tap lines that serve smaller groupings, such as Residential Customers.  | (C)<br><br>(C)             |
| 7) | <b>Repair Individual Service Connections</b><br>The Company generally will repair individual service connections last. If Customer-owned equipment has been damaged, such as the meter base, that equipment must be repaired to the satisfaction of the authority having jurisdiction, including obtaining any required permits and inspections, before the Company can restore service at that location. Such repairs are the responsibility of the Customer. | (C)<br> <br>(C)<br><br>(M) |

C. **Other**

The Company will not give priority restoration to any Customer, non-utility generator or ESS, but will employ the above process over the Company's entire territory served.

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RULE C (Concluded)

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- 3) A letter from the Applicant's employer, income provider or authorized representative verifying the Applicant's ability to pay. A letter from an employer must state that the Applicant is currently employed and has been employed the entire 12 months prior to the application, and must contain a telephone number for an authorized representative of the employer. The Company must be able to verify the Applicant's employment; or

C. **Residential Deposit Not Required**

The Company does not require Residential Deposits starting May 9, 2022 consistent with Commission Order No. 22-129.

D. **Treatment and Refund of Residential Deposits**

The Company will furnish a receipt upon payment of deposit and will hold the deposit until credit is satisfactorily established or re-established. For the purposes of this section of the rule, credit is considered to be established or re-established if, at the end of 12 months after a deposit is paid in full:

- 1) The account is current;
- 2) The Customer has not been issued more than two 5 day disconnection notices during the previous 12 months; and
- 3) The Customer was not disconnected for nonpayment, meter tampering, or diversion of electricity service during the previous 12 months.

In the event the Customer moves to a new address within the Company's Service Territory and the Company is holding a deposit in accordance with this rule, the deposit, plus accrued interest, will be transferred to the new account.

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E. **Interest Accrual**

Deposits will accrue interest at a rate prescribed by order of the Commission and set forth in Schedule 300. If a deposit is held beyond 12 months, accrued interest will be paid by a credit to the Customer's account on the next bill for service following the anniversary of the accrual date. Interest will be prorated on deposits held by the Company for less than a full 12 months.

F. **Delinquent Accounts**

When residential service is voluntarily closed, the Company will refund a Customer deposit with interest accrued at the rate as listed in Schedule 300, except that such refund will first be applied to reduce or eliminate any unpaid balance(s) on any other Customer account(s).

The Company is under no obligation to draw on deposits to cure delinquency of an active Customer account.

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2. **Nonresidential Credit Standards**

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A. **Generally**

Before an application for Electricity Service is accepted, the Company will require the Nonresidential Applicant or Customer to establish credit as defined below in this rule. The establishment or re-establishment of credit under this rule does not relieve an Applicant or Customer from complying with all of the Company's rules and regulations on file with the Commission, making prompt payment of bills, and being subject to the discontinuance of Electricity Service for nonpayment.

B. **Privacy**

The Company treats credit, financial information or documentation received from Customer as confidential, and requires written or electronic permission from Customer before disclosing to any third parties. The Company will not release such information without such permission unless required by law or the Company in good faith believes such action is necessary to (1) comply with the law or legal process, (2) protect and defend the Company's rights or property or (3) protect the personal safety or property of the Company's other customers or the public.

C. **Establishing Credit**

- 1) A Nonresidential Applicant or Customer with 12 or more months of continuous and equivalent Electricity Service may establish credit for new or continuing service by:
  - a) Demonstrating that immediately prior to the date of application, the Nonresidential Applicant or Customer did not, during that 12 months:
    1. Receive more than two 5-day disconnection notices;
    2. Have service disconnected for non-payment,
    3. Owe an account balance from a prior account that when closed was not paid according to its terms;
  - b) Demonstrating that in the previous 24 months prior to the date of application did not engage in meter tampering, theft or diversion of electricity service; and

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- c) Demonstrating that in the 36 months prior to the date of application was not involved in an insolvency proceeding including but not limited to, bankruptcy, receivership, liquidation, bulk sale, or financial reorganization naming the Nonresidential Applicant, Customer, or any principals of the corporation, partnership, or Nonresidential entity as a debtor party to the filing.

If the Nonresidential Customer or Applicant cannot demonstrate all of the above conditions, the Applicant or Customer must pay a deposit.

- 2) Where there is no account history, or fewer than 12 months of Company account history from which the Company can draw from in the establishment or re-establishment of credit, the Applicant or Customer may establish credit for new or continuing service by doing the following:
  - a) Providing a form of security satisfactory to the Company; or
  - b) Payment of a deposit.
- 3) Where a Nonresidential Applicant or Customer has multiple accounts for Electricity service, the establishment or re-establishment of credit will be based on all Nonresidential account history and all such accounts must meet the above requirements.

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D. **Maintaining Creditworthiness**

The Company may verify the Nonresidential Customer's creditworthiness at any time, which may include, but is not limited to, the Customer providing financial information or other documentation the Company deems necessary. If the Customer is unable to demonstrate creditworthiness, the Customer may be required to pay a deposit, or provide an acceptable form of other security as described in Section C(2). A lack of credit worthiness is demonstrated by, but is not limited to, public disclosure of significant financial losses; inability to make scheduled debt payments; disclosure of potential bankruptcy; foreclosure of assets by secured creditors or the sale of assets in order to fulfill secured credit obligations.

E. **Nonresidential Deposit Requirement**

A deposit equal to a maximum of two average month's billings for Company charges is required when the Nonresidential Applicant or Customer:

- 1) Does not satisfy the credit criteria as defined in Section (2)(C) of this rule;
- 2) Was previously exempted from paying a deposit based upon false information given at the time of application;
- 3) Was previously terminated for theft of service by the Company or was otherwise found to have tampered with Company facilities, or diverted utility service;
- 4) Owed an account balance that when closed was not paid according to its terms, or that service was involuntarily terminated.

In lieu of a deposit required under this Section E and at the Company's discretion, a Nonresidential Applicant or Customer may provide other security in a form which the Company finds reasonable and satisfactory in the establishment or re-establishment of credit. Terms and conditions of such security must be established and agreed to between the Company and the Applicant or Customer within the five days from the date the deposit is first required.

In the case of Nonresidential Applicants or Customers with seasonal usage, the maximum deposit amount will be based on the two highest months of usage.

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F. **New or Additional Nonresidential Deposits**

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A Nonresidential Customer may be required to re-establish credit where conditions of Electricity Service or the basis upon which credit was originally established have materially changed. A Nonresidential Customer's re-establishment of credit may lead to the requirement of a new or additional deposit, or an expansion of other forms of security. For the purposes of this rule, conditions are considered to have materially changed if any of the following exist:

- 1) The Nonresidential Customer's Electricity usage is such that, the Company does not have a deposit that equals 1/6 of the estimated annual usage where a deposit has been paid, or the Customer must establish credit at a different service address;
- 2) The expected billings to the Nonresidential Customer have changed as a result of the Customer's enrollment in Portfolio or other Electricity Service options;
- 3) The Nonresidential Customer returns to Standard Service from Direct Access Service or Emergency Default Service; or
- 4) Conditions in Subsection E are found to apply.

G. **Timing of Payment of a Nonresidential Deposit**

If the Nonresidential Applicant has an account balance from a prior service account that was not paid according to its terms, the Applicant must pay the required deposit either in full, or enter into a payment agreement within five business days of the service request. Failure to pay the deposit or enter into a payment agreement within the five days may result in the disconnection of service without further notice.

Absent an account balance from a prior service, if the service is connected at the requested service address, the Nonresidential Applicant must either pay the deposit in full or pay the deposit as it is billed for the new service regardless of whether or not the first month's billing is for a full Billing Period. Failure to pay the deposit may result in the disconnection of service following five days written notice.

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If service is not connected at the service address; the Nonresidential Applicant must pay the deposit in full, or have entered into a payment arrangement before service is connected.

Where a non-cash deposit payment is paid to the Company and that payment is subsequently returned by the financial institution for insufficient funds, the Nonresidential Applicant or Customer is subject to service disconnection and will not obtain or retain Customer status. The Company will attempt to notify the Nonresidential Applicant or Customer of the returned payment and will provide a 5-day notice, either verbally or in writing, prior to disconnection.

An existing Nonresidential Customer whose Electricity Service is disconnected for nonpayment of a deposit will be required to pay the full amount of the deposit, plus any applicable Reconnection Charge, Late Payment Charge, and any past due amount(s) before service is restored. Written notice of disconnection for nonpayment of deposit will be provided to Nonresidential Customers five days before service disconnection. The procedures in OAR 860-021-0505 will be used in issuing the notice of disconnection.

H. **Like Ownership**

If the Company, in its discretion, determines that principals of a corporation, partnership, or other commercial enterprise are substantially the same as another corporation, partnership, or commercial enterprise that either is receiving or has at one time received Electricity Service, they are deemed to be the same Nonresidential Applicant or Customer for the purpose of this Rule E.

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I. **Treatment and Refund of Nonresidential Deposits**

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The Company will furnish a receipt upon payment of deposit and will hold the deposit until credit is satisfactorily established or re-established. For the purposes of this section of the rule, credit is considered to be established or re-established and the deposit, with accrued interest, refunded to the Customer, if, at the end of 12 months after the deposit is paid in full:

- 1) The account is current; and
- 2) The Nonresidential Customer has not been issued more than two 5-day disconnect notices during the previous 12 months; and
- 3) The Nonresidential Customer was not disconnected for nonpayment, or was found to have engaged in theft, diversion of energy, or tampering with Company facilities, during the previous 12 months; and
- 4) The Company has determined that the condition which necessitated the deposit no longer impedes the Nonresidential Customer's ability to demonstrate creditworthiness and that no new condition or material change would require a deposit.

Prior to refunding the deposit, when a Nonresidential Customer has multiple accounts or one account that includes other products and services, the Company may review such accounts and contractual obligations to determine if unpaid past due balances are owed to the Company. The Company will not review any Residential electricity service accounts. The Company will first apply the refundable deposit and accrued interest to any such past due amounts. Any remaining balance, at the Customer's option, shall be refunded or credited to any account or contractual commitment for which products and/or services were provided.

In the event the Nonresidential Customer moves to a new address within the Company's Service Territory and the Company is holding a deposit in accordance with this rule, the deposit, plus accrued interest, will be transferred to the new account.

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J. **Interest Accrual for Nonresidential Deposits**

Nonresidential Customer deposits will accrue interest at a rate prescribed by order of the Commission and set forth in Schedule 300. If a deposit is held beyond 12 months, accrued interest will be paid by a credit to the Nonresidential Customer's account on the next bill for service following the anniversary of the accrual date. Interest will be prorated on deposits held by the Company for less than a full 12 months.

K. **Delinquent Accounts**

When a Nonresidential service account is voluntarily closed, the Company will refund the Nonresidential Customer deposit with interest accrued at the rate listed in Schedule 300, except that such refund will first be applied to reduce or eliminate any unpaid balance(s) on the Nonresidential Customer's account(s) and under any contractual obligations it has with the Company.

The Company is under no obligation to draw on deposits to cure delinquency of an active Nonresidential Customer's account.

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RULE E (Concluded) (M)

**RULE H  
DISCONNECTION AND RECONNECTION**

**1. Grounds for Disconnection of Electricity Service**

- Electricity Service may be disconnected: (D)  
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- A. When service is being received after having obtained Customer status through the provision of false identification or verification of identity; (T)
  - B. Where Customer facilities provided are unsafe or do not comply with state and municipal codes governing service or the rules and regulations of the Company (OAR 860-021-0335); (T)
  - C. Where the Customer does not cooperate in providing access to the meter (OAR 860-021-0120); (T)
  - D. When a Customer requests the Company to disconnect or close an Electricity Service account (OAR 860-021-0310); (T)
  - E. When a joint account is closed and any remaining Customer(s) fails to reapply for Electricity Service within 20 days, so long as the Company has provided a notice of pending disconnection; (T)
  - F. Where dangerous or emergency conditions exist at the Premises (OAR 860-021-0315); (T)
  - G. For failure to pay Oregon Tariff charges due for Electricity Service rendered (OAR 860-021-0405; OAR 860-021-0505); (T)
  - H. For meter tampering, diverting Electricity Service or other Theft of Service; (T)
  - I. For failure to abide by the terms of a time payment agreement [OAR 860-021-0410(6); OAR 860-021-0415(5)]; or (T)
  - J. When the Commission approves the disconnection of Electricity Service. (T)

**2. Procedures for Disconnection and Reconnection of Electricity Service**

The Company will discontinue and reconnect Electricity Service in accordance with the rules of the Commission. These rules, copies of which may be obtained from the Company, are contained in OAR 860-021-0057 and OAR 860-021-0305 through 860-021-0505.

4) **Unusual Distribution Facilities or Nonstandard Construction**

The Company is required to install only those Facilities deemed necessary to render service in accordance with the Tariff. The Company is not required to make Line Extensions which involve additional or unusual Facilities, nonstandard construction, or other unusual conditions. If, at the Applicant's request, the Company installs Facilities which are in addition to, or in substitution of, the standard Facilities which the Company would normally install but which are otherwise acceptable to the Company, the additional cost of such nonstandard Facilities will be paid by the Applicant and will not be subject to the Line Extension Allowance in Schedule 300. In the case of conversion from overhead service to underground service, Section 6 of this Rule applies. In the case of relocation or removal of services and facilities, Section 7 of Rule C applies.

2. **Applicant Cost Responsibilities**

A. **Payment**

Applicants who have cost responsibilities under this section and Section 3 will make payment in full at the time the Company agrees to make the Line Extension.

Applicant's payment requirements for jobs with Line Extension Costs estimated to be equal to or exceeding \$250,000 may be as follows:

- a) The Applicant will provide a cash payment of 10% of the estimated Line Extension Cost prior to the Company initiating design work;
- b) At the time the Company orders any special order and/or long lead-time electrical and/or pathway material, the Applicant will provide a cash payment to the Company for the full cost of the order; and
- c) At the commencement of construction, the Applicant will provide a payment equal to any remaining Line Extension Costs necessary to complete construction. Acceptable means of payment will be at the sole discretion of the Company.

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The Line Extension Allowance will be refunded at the time the Applicant's Electricity Service is established. If Applicant's Electricity Service is not established, payments made under Section (2)(A) are not refundable.

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B. **Applicants for New Permanent Service**

1) **Individual Applicants**

Applicants for new permanent service will be responsible for the Line Extension Costs, less the applicable Line Extension Allowance listed in Schedule 300. In addition, any payments to a third party for easements, permits, additional costs associated with Underground Line Extensions, and all other additional costs described in this rule will be the responsibility of the Applicant and are not eligible for the Line Extension Allowance.

2) **Other than Individual Applicants**

The Company will install a main-line primary distribution system to provide service to a project (e.g., a subdivision, industrial park, or similar project) to serve Customers within the project provided the Applicant pays in advance for: 1) the total estimated cost of the installation of a continuous conduit system which includes, but is not limited to, the costs of trenching, boring, excavating, backfilling, ducts, raceways, road crossings, paving, vaults, transformer pads and any required permits; and 2) all other Applicant cost responsibilities based on the expected load within the project. The expected load in a large lot subdivision, industrial park, or similar project is comprised of only those loads projected to be connected within the first five years. Any Line Extension refund owed to the Customer or Applicant will be based on load connected within the first five years.

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In residential subdivisions or phases of residential subdivisions where Line Extensions will not require subsequent additional extensions of primary voltage Distribution Facilities to serve the ultimate users within the subdivision, the refund will be based on the Line Extension Allowances for the subdivision calculated in accordance with Schedule 300.

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C. **Existing Customers**

1) **Nonresidential**

Where an Applicant is an existing Nonresidential Customer requesting an additional SP, the conversion of a single-phase service to three-phase service, or additional capacity, the Applicant will make payment in full at the time the Company agrees to make the Line Extension. The Line Extension Allowance in these cases will be based on the incremental, annual kWh to be served by the Company or, in the case of a change in the applicable rate schedule, equal to four times the increase in annual revenues from Basic and Distribution Charges.

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2) **Residential**

Where an Applicant is a Residential Customer requesting additional capacity at the same SP, the Line Extension Allowance is as listed in Schedule 300. Any excess amount will be the responsibility of the Applicant. In addition, any payments to a third party for easements, permits and additional costs associated with Underground Line Extensions and all additional costs described in this rule will be the responsibility of the Applicant and are not eligible for the Line Extension Allowance.

3. **Special Conditions for Underground Line Extensions**

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A. **Applicability**

Underground Line Extensions will be made:

- 1) When required by a governmental authority having jurisdiction;
- 2) When required by the Company for reasons of safety or because the extension is from an existing underground system; or
- 3) When otherwise mutually agreed upon by the Company and the Applicant.

B. **Responsibility for Costs**

- 1) The Applicant will be responsible for the current and reasonable future costs associated with the installation of the Line Extension's continuous conduit system, which includes but is not limited to, the costs of trenching, boring, excavating, backfilling, ducts, raceways, road crossings, paving, vaults, transformer pads and any required permits. The Company will own and maintain the conduit system once Company conductors have been installed.
- 2) At its option, the Company may perform the Applicant's responsibilities listed in (B)(1) above at the Applicant's expense or permit the Applicant to perform these responsibilities at Applicant's expense. Where work is to be performed in an existing right-of-way and requires the Company to obtain a permit from a governmental body, the Company may specify additional requirements and place restrictions on the selection of contractors.
- 3) Where the Company provides trenching and backfilling for installation of applicable residential underground service laterals, the charges specified in Schedule 300 will apply. Estimated actual costs will apply where the Company provides trenching, and backfilling beyond the service lateral installation process. The Applicant will be responsible for all additional costs of excavating rock, furnishing and installing raceway, excavating to a depth in excess of Company standards, manual digging, and the repair of paved roads, walks, and driveways when such work must be performed.

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- 4) Where no other restrictions apply and the Applicant is only considering submersible transformers for aesthetic reasons, the Applicant may request the installation of submersible transformers instead of standard pad-mounted transformers. In this event, the cost set forth under the Transformers Section of Schedule 300 will be paid by the Applicant.

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C. **Additional Services**

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- 1) **Service Locates**

The Company will locate underground water, sewer and water runoff services along the Applicant's proposed trench route on the Applicant's property if requested by the Applicant. The cost set forth in Schedule 300 will be paid by the Applicant.

- 2) **Service Guarantee/Wasted Trip Charge**

The Company will begin the installation of residential single family underground service laterals within seven working days following the date an Applicant requests such service, except during periods of major storms or other such conditions beyond the Company's control. If the Company does not meet this standard, the Company will pay the Applicant the Service Guarantee Charge in Schedule 300. If, however, Company resources are dispatched to install the residential single family service lateral within the seven-day period and the Applicant's site or other facilities are not ready for service, the Applicant will be assessed the Wasted Trip Charge in Schedule 300.

- 3) **Long-Side Service Connection Charge**

Where the Applicant requests that the Company provide trenching and conduit for a long-side service connection the charge in Schedule 300 will apply.

- 4) **Joint Trench Installation Charge**

Upon mutual agreement between the Company and the Applicant, the Company may install telephone and cable services during the installation of the underground service lateral. The parties involved will mutually agree to the price for such service.

- d) The fixed charges for Enhanced Temporary Service specified in Schedule 300 include Electricity usage for up to 6 months. After 6 months Customers may extend Enhanced Temporary Service at additional 6-month time periods at the fixed renewal charge specified in Schedule 300. After 24 months, a permanent connection is required.
- C. In order to qualify for Enhanced Temporary Service, the Applicant must agree to the following:
- 1) Service will be used only for lights, tools, and equipment necessary for the construction of residential dwellings;
  - 2) Service will not be used for the operation of permanently installed appliances or equipment or to heat or dry structures under construction;
  - 3) For multi-family construction, the number of unmetered service pedestals can vary depending on the necessary service outlets per units/buildings under construction; and
  - 4) Unless the trenching or boring work is provided by the Company under the terms of Schedule 300, the Applicant will provide a continuous underground conduit, suitable for Electricity Service, from the permanent meter base to the location of the Enhanced Temporary Service pedestal for the Company to use in later providing the permanent service.

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In the event that Enhanced Temporary Service is used for purposes other than those specified, the Company will estimate the amount of Electricity used and bill according to the applicable rate schedule. The Company may restrict future availability of Enhanced Temporary Service in such cases.

## **2. Emergency Service**

### **A. Definition**

"Emergency Service" means Electricity Service supplied or made available to load devices which are operated only in emergency situations or in testing to respond to such situations. Electricity Service for freeze protection or similar applications likely to occur annually and/or only in the coldest time of the year is not an Emergency Service.

## CERTIFICATE OF SERVICE

I hereby certify that I have this day caused the Documents in UE 394 to be served by electronic mail to those parties whose e-mail addresses appear on the attached service list for OPUC Docket UE 394.

Dated at Portland, Oregon, this 29<sup>th</sup> day of April, 2022.

*/s/ Robert Macfarlane*

Robert Macfarlane  
Manager, Pricing & Tariffs  
Portland General Electric Company  
121 SW Salmon Street, 1WTC0306  
Portland, OR 97204  
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## UE 394 Service List

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