



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

December 23, 2024

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

**RE: Advice No. 24-39, UE 435 General Rate Revision Compliance Filing**

Portland General Electric Company (PGE) submits this electronic compliance filing pursuant to Oregon Revised Statutes 757.205 and 757.210 and Oregon Administrative Rules (OARs) 860-022-0025 and 860-022-0030. This Tariff is submitted in compliance with Order No. 24-454, issued on December 20, 2024, to be effective January 1, 2025.

The overall change in revenues resulting from Order No. 24-454 is an increase of \$100 million. Base rates for residential customers increase 2.6% on average, for commercial customers increase 4.4% on average, and for industrial customers increase 2.9% on average.

Order No. 24-454 also required PGE to remove Clearwater from the final Power Costs filed on November 15, 2024. The overall change in revenues related to final power costs is now an increase of \$56 million. Power cost rates for residential customers increase 1.9% on average, commercial customers will experience a 1.9% on average increase, and industrial customers will experience a 2.5% on average increase.

The changes discussed above and inclusive of Supplemental Schedule<sup>1</sup> changes effective January 1, 2025, result in an overall revenue increase of \$188 million. Total rate increase for January 1, 2025, for residential customers is a 5.6% increase on average, commercial customers will experience a 7.6% on average increase, and industrial customers will experience a 6.0% on average increase. Below is a summary of the January 1, 2025 increases by customer class, type of rate and in total.

2025	Base Rates	Power Costs	Other	Total
All Classes	3.4%	1.9%	1.0%	6.3%
Residential	2.6%	1.9%	1.1%	5.6%
Commercial	4.4%	1.9%	1.3%	7.6%
Industrial	2.9%	2.5%	0.7%	6.0%

\*Not all customer classes are represented in this chart

The Tariffs are based on that filed in Advice No. 24-06 and modified to comply with Order No 24-454.

<sup>1</sup> This is roughly a 1.1% increase due to state mandated funding of the Energy Trust of Oregon.



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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

Also included as part of this filing and pursuant to Commission Order No. 24-454, PGE is providing a signed Officer attestation for capital projects placed into service on or after August 1, 2024. For projects expected to close after this filing and by December 31, 2024, PGE will later file a supplemental attestation.

To satisfy the requirements of Oregon Administrative Rules (OAR) 860-022-0025 and 860-022-0030, PGE provides the following responses:

PGE estimates that approximately 953,000 (2025 forecast) customers during 2025 will be impacted by this overall \$188 million increase in revenues or average total increase across all customer classes of 6.3% from current prices. With the combined approved adjustment schedules approved by the Commission, the overall typical Schedule 7 residential customer consuming 784 kWh monthly will see an approximate increase of \$8.50 or 5.4% in their bill.

Please direct any questions regarding this filing to me at [rob.macfarlane@pgn.com](mailto:rob.macfarlane@pgn.com)

Please direct all formal correspondence and requests to the following email address [pgc.opuc.filings@pgn.com](mailto:pgc.opuc.filings@pgn.com)

Sincerely,

*\s\ Robert Macfarlane*

Robert Macfarlane  
Manager, Pricing & Tariffs

Enclosures  
cc: UE 435 Service List

PGE Advice No. 24-39  
Work Papers

Provided Electronically

**SCHEDULE 7  
RESIDENTIAL SERVICE**

**PURPOSE**

This schedule provides Standard and Optional Service choices for residential customers. Optional Services include Time-of-Day (TOD), Peak Time Rebate, and Green Future<sup>SM</sup> renewable portfolio options. (C)

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Residential Customers.

**ENERGY PRICE PLANS (DEFAULT PLAN OR TOD) (C)**

RESIDENTIAL SERVICE PRICE PLAN (DEFAULT PLAN)

This default plan is provided to Residential Customers who have not chosen the TOD portfolio option price plan. (C)  
(C)

**Monthly Rate**

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

<u>Basic Charge</u>			
Single-Family Home	\$13.00		
Multi-Family Home	\$10.00		
<u>Transmission and Related Services Charge</u>	0.862	¢ per kWh	(I)
<u>Distribution Charge</u>	7.014	¢ per kWh	(I)
<u>Energy Charge</u>	3.540	¢ per kWh	(R)

\* See Schedule 100 for applicable adjustments.

**SCHEDULE 7 (Continued)**

TIME-OF-DAY (TOD) PORTFOLIO OPTION

This optional price plan provides TOD pricing for transmission and related services, distribution and energy and can apply to a whole premise or to plug-in electric vehicle charging only\*. Enrollment is necessary.

**Monthly Rate**

<u>Basic Charge</u>			
Single-Family Home	\$13.00		
Multi-Family Home	\$10.00		
<u>On-Peak Charge</u>			
Transmission and Related Services	26.164	¢ per kWh	(R)
Distribution	1.980	¢ per kWh	(R)
Energy	16.080	¢ per kWh	(R)
	8.104	¢ per kWh	(R)
<u>Mid-Peak Charge</u>			
Transmission and Related Services	13.940	¢ per kWh	(R)
Distribution	1.140	¢ per kWh	(I)
Energy	9.300	¢ per kWh	(I)
	3.500	¢ per kWh	(R)
<u>Off-Peak Charge</u>			
Transmission and Related Services	5.563	¢ per kWh	(R)
Distribution	0.370	¢ per kWh	(I)
Energy	3.040	¢ per kWh	(I)
	2.153	¢ per kWh	(R)

\* See Schedule 100 for applicable adjustments.

**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.

**SCHEDULE 7 (Continued)**

TIME-OF-DAY (TOD) PORTFOLIO OPTION (Continued)

(T)  
(D)  
(M)

***Plug-In Electric Vehicle (EV) Charging Option***

A Residential Customer wishing to charge Electric Vehicles (EVs) may do so either as part of Whole Premises Service (default plan or the TOD portfolio option) or as a separately metered service billed under the TOD portfolio option. In such cases, the applicable basic, transmission and related services, distribution and energy charges will apply to the separately metered service as will all other adjustments applied to this schedule. Renewable Portfolio Options are also available under this EV charging option.

(C)  
(C)

If the Customer chooses separately metered service for EV charging, the service shall be for the 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 for the purpose of load research, and to collect and analyze data to characterize EV use in diverse geographic dynamics and evaluate the effectiveness of the charging station infrastructure.

***Special Conditions Pertaining to the Portfolio Option (including Whole Premise and EV Charging)***

(C)

1. Service may be terminated at the next regularly scheduled meter reading provided the Company has received two weeks' notice prior to the meter read date. Absent the two-week notice, the termination will occur with the next subsequent meter reading date.
2. Participation requires a one-year commitment by the Customer. Generally, if a Customer requests removal from the TOD option, the Customer will be required to wait 12 months before re-enrolling. However, a Customer may request to reinstate service within 90 days of termination, in which case the Portfolio Enrollment Charge will be waived.
3. The Customer must take service at 120/240 volts or greater.
4. The Customer must provide the Company access to the meter monthly.
5. After a Customer's initial 12 months of service on the TOD option, the Company will calculate what the Customer would have paid under the default plan and compare billings. If the Customer's Energy Charge billings (including all applicable supplemental adjustments) under the TOD option exceeded the default plan Energy Charge (including all applicable supplemental adjustments) by more than 10%, the Company will issue the Customer a refund for the amount more than 10% either as a bill credit or refund check. No refund will be issued for Customers not meeting the 12-month requirement.
6. The Company may recover lost revenue from the TOD optional price plan through Schedule 105.

(C)

(C)

(C)

(C)

(M)

**SCHEDULE 7 (Continued)**

Special Conditions Pertaining to the Portfolio Option (including Whole Premise and EV Charging)  
(Continued) (T)

- 7. Billing will begin for any Customer no later than the next regularly scheduled meter reading date following the initialization meter reading made on a regularly scheduled meter reading date, assuming no meter exchange is required to enable the TOD option. (M)  
(C)
- 8. The Company may choose to offer promotional incentives, including but not limited to rebates or coupons.

**ADDITIONAL PORTFOLIO OPTIONS FOR ENERGY PRICE PLANS**

PEAK TIME REBATE EVENT PARTICIPATION

Customers choosing the Peak Time Rebate (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.

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 enrolled in PTR will pay their energy price 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 9:00 PM. Events will not be called on holidays\*. (M)

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.

\* 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. (M)  
(M)  
(M)



### SCHEDULE 7 (Continued)

#### PEAK TIME REBATE EVENT PARTICIPATION (Continued)

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.
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. The Company will defer and seek recovery of all PTR costs not otherwise included in rates.

#### GREEN FUTURE RENEWABLE PORTFOLIO OPTIONS

Customers can add any of the following Green Future Renewable Portfolio options to any service described in this schedule: renewable fixed option, renewable usage option, and renewable habitat option adder (Habitat Support).

The Customer will be charged for the Green Future Renewable Portfolio option in addition to all other charges under this schedule for the term of enrollment in the Green Future Renewable Portfolio option.

Energy or Renewable Energy Certificates (RECs), as defined in Rule B of this tariff, will be acquired by the Company such that by March 31 of the succeeding year, the Company will have received sufficient RECs or renewable energy to meet the purchases by Customers. For the renewable fixed and renewable usage options, the Company is not required to own renewables or to acquire Energy from renewable resources simultaneously with Customer usage.

For purposes of these options, renewable resources include wind, solar, biomass, low impact hydro (as certified by the Low Impact Hydro Institute) and geothermal energy sources used to produce electric power.

**SCHEDULE 7 (Continued)**

RENEWABLE FIXED OPTION

(M)

The Company will use funds received under this option to cover program costs and purchase 200 kWh of RECs and/or renewable energy per block enrolled in the renewable fixed option. All RECs purchased under this option will come from new renewable resources.

The Company will also place any funds not spent after covering program and REC costs received from Customers enrolled in this option in a renewable resources development and demonstration fund ("Renewable Development Fund" or "RDF"). See Special Conditions for additional details on the RDF.

**Monthly Rate**

Renewable Fixed Option                      \$1.88                      per month per block

RENEWABLE USAGE OPTION

Amounts received from Customers under the renewable usage option will be used to cover program costs and acquire RECs and/or Energy, all of which will come from new renewable resources.

The Company will place any funds received from Customers enrolled in this option that are not spent after covering program and REC costs in a renewable resources development and demonstration fund ("Renewable Development Fund" or "RDF"). See Special Conditions for additional details on the RDF.

Effective January 1, 2025, the Renewable Usage option will match 73% of a customer's electricity usage with RECs. Upon each future Renewable Portfolio Standard (RPS) benchmark year, the program will reduce the percentage matched through Renewable Usage to the difference between the RPS and what it would take to be 100% renewable.

**Monthly Rate**

Renewable Usage Option                      0.940                      ¢ per kWh in addition to Energy Charge

(M)

**SCHEDULE 7 (Continued)**

RENEWABLE HABITAT OPTION ADDER (HABITAT SUPPORT)

(M)

The Company will distribute \$2.50 per month as received from each Customer enrolled in habitat support to a nonprofit agency chosen by the Company who will use the funds for habitat restoration.

**Available**

Only Customers who are enrolled in a Green Future Renewable Portfolio option, described in this schedule, may choose habitat support.

**Monthly Rate**

Habitat Support	\$2.50	per month
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**Special Conditions Related to Green Future Renewable Portfolio Options**

1. Service will become effective with the next regularly scheduled meter reading date provided the Customer has selected the option at least five days prior to their next scheduled meter read date. Absent the five-day notice, the change will become effective on the subsequent meter read date. Service may be terminated at or before the next regularly scheduled meter reading provided the Company has received two weeks' notice prior to the meter read date. Absent the two-week notice, the termination may occur with the subsequent meter reading date.
2. The Company, in its discretion, may accept participation from accounts that have a time payment agreement in effect, or have received two or more final disconnect notices. However, the Company will not accept participation from customers that have been involuntarily disconnected in the last 12 months due to non-payment.
3. The Company will use reasonable efforts to ensure energy assistance dollars from the Oregon Low Income Home Energy Assistance Program (LIHEAP) and Oregon Energy Assistance Program (OEAP) assistance programs are not used to cover Green Future program participation during the time which participants receive these energy assistance funds. As such, PGE will unenroll Customers from the Green Future program if they receive energy assistance funds from LIHEAP and OEAP. If these energy assistance dollars are no longer applied to the bill, the Customer may re-enroll in the program subject to the above requirements.
4. The Company will use reasonable efforts to acquire renewable energy but does not guarantee the availability of renewable energy sources to serve Green Future Renewable Portfolio Options. The Company makes no representations as to the impact on the development of renewable resources or habitat restoration projects of Customer's participation.

(M)

**SCHEDULE 7 (Continued)**

(T)

*Special Conditions Related to Green Future Renewable Portfolio Options (Continued)*

(M)

5. Amounts in the RDF will be disbursed by the Company to non-residential renewable resource demonstration projects or projects that commit to supply Energy according to a contractually established timetable. The Company will report to the Commission annually by March 15<sup>th</sup>, pursuant to Order No. 16-156, on collections and disbursements for the preceding calendar year. The annual report will include a list of projects that received or were allocated RDF funding.
6. Amounts placed in the RDF prior to July 6, 2016 will accrue interest at the Commission-authorized cost of capital until disbursed. Amounts placed in the fund on and after July 6, 2016 will accrue interest at the Commission-authorized rate for deferred accounts in amortization until disbursed. Amounts within the fund will be disbursed on a first-in-first-out basis. Once funds have been committed to projects, following the required OPUC review, they will be deemed disbursed. Funds deemed disbursed and still held by the Company, will accrue interest at the Commission-authorized rate for deferred accounts in amortization.

**ADJUSTMENTS**

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

(M)

**SCHEDULE 7 (Continued)**

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**SCHEDULE 7 (Concluded)**

*[Sheet intentional left blank]*

**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>	0.509	¢ per kWh	(I)
<u>Distribution Charge</u>	7.401	¢ per kWh	(I)
<u>Cost of Service Energy Charge</u>	2.498	¢ per kWh	(R)

**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>	<u>Monthly Rate Per Luminaire</u> <sup>(1)</sup>	
Cobrahead					
Mercury Vapor	175	7,000	66	\$12.00 <sup>(2)</sup>	(R)
	400	21,000	147	21.08 <sup>(2)</sup>	
	1,000	55,000	374	44.59 <sup>(2)</sup>	
HPS	70	6,300	30	9.15 <sup>(2)</sup>	
	100	9,500	43	9.70	
	150	16,000	62	11.75	
	200	22,000	79	14.03	
	250	29,000	102	16.08	
	310	37,000	124	18.48 <sup>(2)</sup>	
	400	50,000	163	22.55	
Flood, HPS	100	9,500	43	9.58 <sup>(2)</sup>	
	200	22,000	79	15.46 <sup>(2)</sup>	
	250	29,000	102	18.02	
	400	50,000	163	24.27	
Shoebox, HPS (bronze color, flat lens or drop lens, multi-volt)	70	6,300	30	8.95	
	100	9,500	43	10.90	
	150	16,500	62	13.33	
Special Acorn Type, HPS	100	9,500	43	15.53	
HADCO Victorian, HPS	150	16,500	62	17.52	
Early American Post-Top, HPS					
Black	100	9,500	43	11.20	(R)

(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	\$13.86	(R)
	175	12,000	71	13.29	
Flood, Metal Halide	350	30,000	139	22.97	
	400	40,000	156	22.39	
Flood, HPS	750	105,000	285	40.32	
HADCO Independence, HPS	100	9,500	43	15.19	
HADCO Techtra, HPS	100	9,500	43	22.26	
	150	16,000	62	25.06	(R)

(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	\$14.86	(I)
	>40-45	3,500	15	15.07	(R)
	>45-50	5,488	16	12.60	
	>50-55	4,000	18	15.38	
	>55-60	4,213	20	15.59	
	>60-65	4,273	21	15.70	
	>65-70	4,332	23	15.54	
	>70-75	4,897	25	16.11	(R)
	>91-100	8,100	32	16.88	(N)
	HADCO LED	70	5,120	24	19.57
Roadway LED	>20-25	3,000	8	6.05	
	>25-30	3,470	9	6.16	
	>30-35	2,530	11	6.63	
	>35-40	4,245	13	6.57	
	>40-45	5,020	15	6.95	
	>45-50	3,162	16	7.05	
	>50-55	3,757	18	7.53	
	>55-60	4,845	20	7.47	
	>60-65	4,700	21	7.58	
	>65-70	5,050	23	8.52	
	>70-75	7,640	25	8.76	
	>75-80	8,935	26	8.87	
	>80-85	9,582	28	9.07	
	>85-90	10,230	30	9.28	
	>90-95	9,928	32	9.49	
	>95-100	11,719	33	9.59	
	>100-110	7,444	36	9.72	
	>110-120	12,340	39	10.22	
	>120-130	13,270	43	10.64	
	>130-140	14,200	46	11.34	
>140-150	15,250	50	13.71		
>150-160	16,300	53	14.03		
>160-170	17,300	56	14.34		
>170-180	18,300	60	14.41		
>180-190	19,850	63	15.07		
>190-200	21,400	67	14.65	(R)	
>200-210	27,033	70	15.04	(N)	
>210-220	28,535	74	16.23	(N)	
>220-230	30,017	77	16.54	(N)	

(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>	
<u>Roadway LED (Cont)</u>	<u>&gt;230-240</u>	<u>30,800</u>	81	\$16.96	(N)
	<u>&gt;240-250</u>	<u>31,507</u>	84	17.77	(N)
Pendant LED (Non-Flare)	36	3,369	12	15.36	(R)
	53	5,079	18	17.11	
	69	6,661	24	17.51	
	85	8,153	29	18.59	
Pendant LED (Flare)	>35-40	3,369	13	14.89	(R)
	>40-45	3,797	15	15.94	
	>45-50	4,438	16	16.05	
	>50-55	5,079	18	19.00	
	>55-60	5,475	20	15.62	
	>60-65	6,068	21	19.32	
	>65-70	6,661	23	18.64	
	>70-75	7,034	25	16.14	
	>75-80	7,594	26	19.18	
>80-85	8,153	28	19.38		
CREE XSP LED	>20-25	2,529	8	6.21	(R)
	>30-35	4,025	11	6.52	
	>40-45	3,819	15	6.94	
	>45-50	4,373	16	7.11	
	>55-60	5,863	20	7.52	
	>65-70	9,175	23	8.38	
	>90-95	8,747	32	9.32	
	>130-140	18,700	46	12.27	
Post-Top, American Revolution LED	>30-35	3,395	11	8.13	(R)
	>45-50	4,409	16	8.66	
Flood LED	>80-85	10,530	28	10.18	(R)
	>120-130	16,932	43	12.29	
	>180-190	23,797	63	15.57	
	>321-330	46,802	112	25.08	
	>331-340	48,692	116	25.49	
	>341-350	50,145	119	25.81	
	>351-360	51,598	123	26.22	
>370-380	48,020	127	26.64		

(1) See Schedule 100 for applicable adjustments.

**SCHEDULE 15 (Continued)**

MONTHLY RATE (Continued)

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	\$6.54
	40 to 55	7.71
Wood, Painted for Underground	35 or less	6.48 <sup>(3)</sup>
Wood, Curved Laminated	30 or less	7.62 <sup>(3)</sup>
Aluminum, Regular	16	5.00
	25	9.29
	30	10.66
	35	12.34
Aluminum, Fluted Ornamental	14	8.80
Aluminum, Fluted Ornamental	16	9.14
Aluminum Davit	25	9.91
	30	11.16
	35	12.76
	40	16.38
Aluminum Double Davit	30	12.38
Aluminum, Smooth Techtra Ornamental	18	18.84

(I) | (I)

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

**SCHEDULE 15 (Continued)**

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>	
Fiberglass Fluted Ornamental; Black	14	\$11.60	(I)
Fiberglass, Regular			
Black	20	5.40	
Gray or Bronze	30	8.78	
Black, Gray, or Bronze	35	8.57	
Fiberglass, Anchor Base, Gray or Black	35	11.70	
Fiberglass, Anchor Base (Color may vary)	25	10.39	
	30	12.71	
Fiberglass, Direct Bury with Shroud	18	7.33	
Aluminum, Regular with Breakaway Base	35	17.68	
Aluminum, Double-Arm, Smooth Ornamental	25	14.83	(I)
Aluminum, Smooth, Black, Pendant	23	18.04	(N)
Aluminum, Regular with Breakaway Base	25	16.33	(N)
	30	16.66	(N)

**INSTALLATION CHARGE**

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.

**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)\*:

<u>Basic Charge</u>			
Single Phase Service	\$24.00		(I)
Three Phase Service	\$33.00		(I)
<u>Transmission and Related Services Charge</u>	0.696	¢ per kWh	(I)
<u>Distribution Charge</u>			
First 5,000 kWh	6.904	¢ per kWh	(I)
Over 5,000 kWh	3.466	¢ per kWh	(I)
<u>Energy Charge Options</u>			
Standard Service	3.117	¢ per kWh	(R)
or			
Time-of-Use (TOU) Portfolio (enrollment is necessary)			
On-Peak Period	5.508	¢ per kWh	(R)
Mid-Peak Period	3.117	¢ per kWh	
Off-Peak Period	1.836	¢ per kWh	(R)

\* See Schedule 100 for applicable adjustments.

### SCHEDULE 32 (Continued)

#### 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 0.319¢ per kWh for wheeling
- times a loss adjustment factor of 1.0640

(I)

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.

#### PLUG-IN ELECTRIC VEHICLE (EV) TOU OPTION

A small Nonresidential Customer wishing to charge EV's may do so either as part of an integrated service (Standard service or TOU 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. Renewable Portfolio Options are also available under this EV option.

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 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.

**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. or 3) for Customers taking service on the separately metered Plug-In Electric Vehicle Time of Day option 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.

(T)

**MONTHLY RATE**

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

<u>Basic Charge</u>			
Single Phase Service	\$50.00		(I)
Three Phase Service	\$60.00		(N)
<u>Transmission and Related Services Charge</u>	0.676	¢ per kWh	(I)
<u>Distribution Charge</u>	8.571	¢ per kWh	(I)
<u>Energy Charge**</u>			(T)
On-Peak Period	3.763	¢ per kWh	(R)
Mid-Peak Period	3.003	¢ per kWh	(N)
Off-Peak Period	2.623	¢ per kWh	(R)

\* See Schedule 100 for applicable adjustments.

\*\* Energy On-peak hours are Monday - Saturday 4:00 p.m. to 10:00 p.m. Mid-peak hours are Monday - Saturday 6:00 a.m. to 4:00 p.m. Off-peak hours are Monday - Saturday 10:00 p.m. to 6:00 a.m. and all day Sunday.

(C)

(C)

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 allocated among the time periods and billed based either on the Customer's historic usage per period or the class average. Upon installation and configuration of an interval meter, the Company will bill the Customer according to actual metered usage.

(N)

(N)



**SCHEDULE 38 (Continued)**

**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.

**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.

During the 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.

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>.

During an Election Window, Customers may notify the Company of a choice to change service options using the Company's website, <https://portlandgeneral.com>

**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:

(M)  
|  
(M)

**SCHEDULE 38 (Continued)**

(T)

DIRECT ACCESS DEFAULT SERVICE (Continued)

(T)

Daily Price Option - The Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Firm Index) plus 0.319¢ 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.

(M)  
(I)

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

Secondary Delivery Voltage	1.0640
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(M)

**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 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.

**SPECIAL CONDITIONS**

**Pertaining to Optional Time of Day Standard Service**

1. Service under this schedule will begin on the first day of the Customer's regularly scheduled Billing Period.
2. In no case will the Company refund a Customer by retroactively adjusting the rate at which service was billed prior to the date the Customer begins service on this schedule.

**SCHEDULE 38 (Concluded)**

**TERM**

Service will be for not less than one year or as otherwise provided under this schedule.

**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**	\$39.00		
Winter Months**	No Charge		
<u>Transmission and Related Services Charge</u>	0.738	¢ per kWh	(I)
<u>Distribution Charge</u>			
First 50 kWh per kW of Demand***	13.008	¢ per kWh	(I)
Over 50 kWh per kW of Demand	11.008	¢ per kWh	(I)
<u>Energy Charge</u>	3.720	¢ 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 exceeded 30 kW once.

**MONTHLY RATE**

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

Basic Charge

Summer Months**	\$60.00		(I)
Winter Months**	No Charge		

<u>Transmission and Related Services Charge</u>	0.685	¢ per kWh	(I)
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Distribution Charge

First 50 kWh per kW of Demand***	12.488	¢ per kWh	(I)
Over 50 kWh per kW of Demand	10.488	¢ per kWh	(I)

<u>Energy Charge</u>	3.643	¢ per kWh	(R)
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\* 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 50  
RETAIL ELECTRIC VEHICLE (EV) CHARGING**

**PURPOSE**

This retail Electric Vehicle (EV) charging schedule is a supplemental service that governs the use of PGE's charging network for EVs. This schedule does not impact, replace, or otherwise modify any base retail service under which a customer is currently served by PGE. This schedule is designed solely for the retail sale of electricity as a transportation fuel.

**DEFINITIONS**

Direct Current Quick Chargers (DCQC) or Direct Current Fast Chargers (DCFC) – individual chargers that provide service at approximately 50 kW of peak demand or greater.

Electric Avenue Sites – Stations in PGE's service area that are listed as part of Electric Avenue on portlandgeneral.com.

EV User – An EV driver or operator who uses the PGE charging Station. This does not have to be a PGE customer.

Holidays – refers to New Year's Day (December 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 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.

Idle Fee – refers to the fee charged to customers if their vehicle remains plugged into a charger after a 10-minute grace period when their vehicle has finished charging. (N)

Income Qualified – Customers who qualify for PGE's Income Qualified Bill Discount (IQBD) program. (N)

Level 2 Chargers - individual chargers that are capable of providing service at approximately 7 kW.

Off-Peak – refers to all other hours outside of the On-Peak period.

On-Peak – refers to the hours of 5 PM to 9 PM on weekdays, excluding holidays. (C)

Session – each unique charging event in which a customer connects a vehicle to a PGE charger.

Station – the location of a PGE charging facility, consisting of one or more DCQC and/or Level 2 Chargers.

**SCHEDULE 50 (Concluded)**

**AVAILABLE**

The service described in this schedule is available through a point-of-sale transaction and is intended for use at PGE’s EV charging Stations.

This schedule is not available for any use other than the purchase of retail electricity as a transportation fuel.

**APPLICABLE**

This schedule is available to all EV Users of PGE’s EV charging Stations.

**RATE**

Pricing is as follows:

	<b>Off-Peak Fee (all hours)</b>	<b>On-Peak Charging Price</b>	<b>Idle Fee</b>
<b>Direct Current Fast Charger</b>	\$0.30 per kWh	\$0.58 per kWh	\$0.40 per minute after 10 minutes
<b>Level 2 Charger</b>	\$0.12 per kWh	\$0.40 per kWh	\$0.10 per minute after 10 minutes
<b>Income Qualified DCFC Charger*</b>	\$0.24 per kWh	\$0.52 per kWh	\$0.40 per minute after 10 minutes
<b>Income Qualified Level 2 Charger</b>	\$0.10 per kWh	\$0.32 per kWh	\$0.10 per minute after 10 minutes

\* Income qualified customers must apply for the discount through PGE and may need to provide additional information, such as a username or email used to register with the charging provider, to link their charging provider account and verify that the customer is enrolled in the IQBD program. Customers must already be currently enrolled in the IQBD program.

Payment will be made via credit card or other applicable payment method at the PGE charging Station, via the charging station’s mobile app, or via calling the charging station’s customer service.

**SPECIAL CONDITIONS**

1. This schedule is designed for retail service to drivers or operators of EVs. EV User-owned EV chargers are not eligible for service under this retail charging rate.
2. EV Users may not request service under this schedule for any purpose other than the purchase of electricity from PGE to fuel the customer’s vehicle(s) at PGE’s EV charging Stations.

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

(C)

(C)

(D)

**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>	\$3,890.00	\$3,840.00	\$5,460.00	(I)
<u>Transmission and Related Services Charge</u>				
per kW of monthly Peak Demand**	\$3.37	\$3.33	\$3.27	(I)(C)
<u>Distribution Charges</u>				
The sum of the following:				
per kW of Facility Capacity				
First 4,000 kW	\$1.14	\$1.13	\$1.12	(R)
Over 4,000 kW	\$0.83	\$0.82	\$0.81	(R)
per kW of monthly Peak Demand**	\$2.00	\$1.98	\$0.13	(I)(C)
<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	0.279 ¢	0.276 ¢	0.273 ¢	(I)
<u>Energy Charge</u>				
per kWh	See Energy Charge Below			

\* See Schedule 100 for applicable adjustments.

\*\* Peak Demand hours are Monday - Saturday 6:00 a.m. to 10:00 p.m.

(N)



## 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 0.319¢ per kWh for wheeling, a 0.300¢ per kWh recovery factor, plus losses. (I)

### 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 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. (C)

Peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. (C)

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
Primary Delivery Voltage	1.0530
Secondary Delivery Voltage	1.0640

#### 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) Peak Demand per day**	\$0.131	\$0.130	\$0.127	(I)(C)
<u>Daily ERP Demand Charge</u>				
per kW of Daily ERP Demand during Peak Demand hours per day**	\$0.078	\$0.077	\$0.005	(I)(C)
<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 Demand 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. (T)

**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 0.319¢ 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. (I)

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 0.319¢ 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. (I)

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 0.319¢ 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. (I)

### 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.

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. (C)

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

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

### 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 0.319¢ per kWh for wheeling, plus losses. (I)
- 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 0.319¢ per kWh for wheeling, plus losses. (I)

## 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 0.319¢ per kWh for wheeling, plus losses. (I)

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 0.319¢ per kWh for wheeling, plus losses. (I)

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 0.319¢ 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.

(1)

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

**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)\*:

<u>Basic Charge</u>		
Single Phase Service	\$50.00	(I)
Three Phase Service	\$60.00	(I)
<u>Transmission and Related Services Charge</u>		
per kW of monthly Peak Demand**	\$3.37	(I)(C) (T)
<u>Distribution Charges</u> ***		
The sum of the following:		
per kW of Facility Capacity		
First 30 kW	\$5.91	(I)
Over 30 kW	\$5.81	(I)
per kW of monthly Peak Demand**	\$2.00	(I)(C) (T)
<u>Energy Charge</u> ****		
On-Peak Period per kWh	0.297 ¢	(R)
Mid-Peak Period per kWh	0.242 ¢	(N)
Off-Peak Period per kWh	0.205 ¢	(R)
Generation Demand Charge per kW of monthly Peak Demand**	\$9.34	(I)(C)
See below for Daily Pricing Option description.		
<u>System Usage Charge</u>		
per kWh	0.858 ¢	(R)

\* See Schedule 100 for applicable adjustments.

\*\* Peak Demand hours are Monday - Saturday 6:00 a.m. to 10:00 p.m.

\*\*\* 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.

\*\*\*\* Energy On-peak hours are Monday - Saturday 4:00 p.m. to 10:00 p.m. Mid-peak hours are Monday - Saturday 6:00 a.m. to 4:00 p.m. Off-peak hours are Monday - Saturday 10:00 p.m. to 6:00 a.m. and all day Sunday.



### SCHEDULE 83 (Continued)

#### MONTHLY RATE (Continued)

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 allocated among the time periods and billed based either on the Customer's historic usage per period or the class average. Upon installation and configuration of an interval meter, the Company will bill the Customer according to actual metered usage.

(C)  
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(C)

#### 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 0.319¢ 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.

(I)

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

Secondary Delivery Voltage	1.0640
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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 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>	\$820.00	\$700.00	(I)
<u>Transmission and Related Services Charge</u>			
per kW of monthly Peak Demand**	\$3.37	\$3.33	(I)(C) (T)
<u>Distribution Charges</u> ***			
The sum of the following:			
per kW of Facility Capacity			
First 200 kW	\$2.68	\$2.65	(R)
Over 200 kW	\$2.58	\$2.55	(R)
per kW of monthly Peak Demand**	\$2.00	\$1.98	(I)(C) (T)
<u>Energy Charge</u> ****			
On-Peak Period per kWh	0.288 ¢	0.285 ¢	(R)
Mid-Peak Period per kWh	0.233 ¢	0.230 ¢	(N)
Off-Peak Period per kWh	0.196 ¢	0.193 ¢	(R)
Generation Demand Charge			
per kW of monthly Peak Demand**	\$10.80	\$10.68	(I)(C)
See below for Daily Pricing Option description.			
<u>System Usage Charge</u>			
per kWh	0.287 ¢	0.284 ¢	(I)

\* See Schedule 100 for applicable adjustments.

\*\* Peak Demand hours are Monday - Saturday 6:00 a.m. to 10:00 p.m.

\*\*\* 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.

\*\*\*\* Energy On-peak hours are Monday - Saturday 4:00 p.m. to 10:00 p.m. Mid-peak hours are Monday - Saturday 6:00 a.m. to 4:00 p.m. Off-peak hours are Monday - Saturday 10:00 p.m. to 6:00 a.m. and all day Sunday.

**SCHEDULE 85 (Continued)**

MONTHLY RATE (Continued)

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 allocated among the time periods and billed based either on the Customer's historic usage per period or the class average. Upon installation and configuration of an interval meter, the Company will bill the Customer according to actual metered usage.

(C)  
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(C)

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 0.319¢ 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.

(I)

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

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 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.

**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>	\$3,890.00	\$3,840.00	\$5,460.00	(I)
<u>Transmission and Related Services Charge</u>				
per kW of monthly Peak Demand**	\$3.37	\$3.33	\$3.27	(I)(C) (T)
<u>Distribution Charges</u> ***				
The sum of the following:				
per kW of Facility Capacity				
First 4,000 kW	\$1.14	\$1.13	\$1.12	(R)
Over 4,000 kW	\$0.83	\$0.82	\$0.81	(R)
per kW of monthly Peak Demand**	\$2.00	\$1.98	\$0.13	(I)(C) (C)
<u>Energy Charge</u> ****				
On-Peak Period per kWh	3.250 ¢	3.220 ¢	3.189 ¢	(R)
Mid-Peak Period per kWh	2.794 ¢	2.764 ¢	2.733 ¢	(N)
Off-Peak Period per kWh	2.490 ¢	2.460 ¢	2.429 ¢	(R)(C)
See below for Daily Pricing Option description.				
<u>System Usage Charge</u>				
per kWh	0.279 ¢	0.276 ¢	0.273 ¢	(I)

\* See Schedule 100 for applicable adjustments.

\*\* Peak Demand hours are Monday - Saturday 6:00 a.m. to 10:00 p.m.

\*\*\* 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.

\*\*\*\* Energy On-peak hours are Monday - Saturday 4:00 p.m. to 10:00 p.m. Mid-peak hours are Monday - Saturday 6:00 a.m. to 4:00 p.m. Off-peak hours are Monday - Saturday 10:00 p.m. to 6:00 a.m. 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 0.319¢ 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. (I)

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

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)**

**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.

**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>	\$17,200.00	\$17,200.00	(I)
<u>Transmission and Related Services Charge</u> per kW of monthly Peak Demand**	\$3.33	\$3.27	(I)(C) (T)
<u>Distribution Charges</u> *** The sum of the following:			
per kW of Facility Capacity			
First 4,000 kW	\$0.95	\$0.95	(R)
Over 4,000 kW	\$0.64	\$0.64	(R)
per kW of monthly Peak Demand**	\$1.98	\$0.13	(I)(C) (T)
<u>Energy Charge</u> **			
Usage (30 MWa – 250 MWa)			
Peak Period per kWh	3.004¢	2.793¢	(R)(C)
Off-Peak Period per kWh	2.254¢	2.043¢	(R)(C)
Usage (greater than 250 MWa)			
Peak Period per kWh	2.825¢	2.793¢	(I)(R)(C)
Off-Peak Period per kWh	2.075¢	2.043¢	(R)(C)
<u>System Usage Charge</u>			
Usage (30 MWa – 250 MWa) per kWh	0.225¢	0.225¢	(I)
Usage (greater than 250 MWa) per kWh	0.225¢	0.225¢	(I)

\* See Schedule 100 for applicable adjustments.

\*\* On-Peak hours are Monday - Saturday 6:00 a.m. to 10:00 p.m. Off-Peak hours are Monday - Saturday 10:00 p.m. to 6:00 a.m. and all day Sunday. (N)

\*\*\* 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. (N)

### 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 0.319¢ 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. (I)

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

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 90 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. (C)

**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>	0.462 ¢ per kWh	(I)
<u>Distribution Charge</u>	7.448 ¢ per kWh	(I)
<u>Energy Charge</u>		
Cost of Service Option	2.498 ¢ 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 0.319¢ 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. (I)

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.

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 **	100	9,500	43	*	\$0.90		(R)
Cobrahead	70	6,300	30	\$6.11	\$1.16		(D)
	100	9,500	43	5.30	1.08	(I)	(R)
	150	16,000	62	*	1.09		
	200	22,000	79	5.89	1.14	(I)	
	250	29,000	102	5.54	1.13		
	400	50,000	163	5.66	1.12		
Flood	250	29,000	102	7.48	1.32	(I)	
	400	50,000	163	7.38	1.29	(R)	
Early American Post-Top	100	9,500	43	6.80	1.24	(I)	
Shoebox (bronze color, flat lens, or drop lens, multi-volt)	70	6,300	30	5.91	1.15	(I)	
	100	9,500	43	*	1.21		
	150	16,000	62	*	1.26		(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	\$5.61	\$0.19	(I)	(I)
Fiberglass, Black or Bronze	30	9.13	0.31		
Fiberglass, Gray	30	9.13	0.31		
Fiberglass, Smooth, Black or Bronze	18	6.01	0.20		
Fiberglass, Regular Black, Bronze, or Gray	18	5.06	0.17		
	35	8.85	0.30	(I)	(I)
Aluminum, Regular with Breakaway Base	25	16.33	0.55	(N)	(N)
	30	16.66	0.56	(N)	(N)
	35	18.02	0.60	(I)	(I)
Aluminum, Smooth, Black, Pendant	23	18.39	0.61	(I)	(I)

**SCHEDULE 91 (Continued)**

RATES FOR STANDARD POLES (Continued)

<u>Type of Pole</u>	<u>Pole Length (feet)</u>	Monthly Rates		(I)	(I)
		<u>Option A</u>	<u>Option B</u>		
Wood, Standard	30 to 35	\$6.82	\$0.23	(I)	(I)
Wood, Standard	40 to 55	7.98	0.27	(I)	(I)

**RATES FOR CUSTOM LIGHTING**

<u>Type of Light</u>	<u>Watts</u>	<u>Nominal Lumens</u>	<u>Monthly kWh</u>	Monthly Rates		(R)	(R)
				<u>Option A</u>	<u>Option B</u>		
Special Acorn-Types							
HPS	100	9,500	43	\$11.13	\$1.68	(R)	(R)
HADCO Victorian, HPS	150	16,000	62	*	1.69	(C)	
	200	22,000	79	*	1.54	(C)	
	250	29,000	102	9.53	1.54	(R)	
HADCO Capitol Acorn, HPS	100	9,500	43	13.72	1.95	(R)	
	150	16,000	62	*	1.87		
	200	22,000	79	*	1.98		
Special Architectural Types							
HADCO Independence, HPS	100	9,500	43	*	1.63		
	150	16,000	62	*	*		
HADCO Techtra, HPS	100	9,500	43	*	2.35		
	150	16,000	62	18.69	2.43	(R)	
	250	29,000	102	*	2.37		
HADCO Westbrooke, HPS	70	6,300	30	12.20	1.77	(R)	
	100	9,500	43	12.10	1.76	(R)	
	150	16,000	62	*	1.95		
	200	22,000	79	*	0.99		
	250	29,000	102	11.68	1.74	(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					
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	*	*

(D)

\* 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	\$9.63	\$0.32		
	30	11.00	0.37		
	35	12.68	0.42		
Aluminum Davit	25	10.25	0.34		
	30	11.50	0.38		
	35	13.10	0.44		
Aluminum Double Davit	40	16.80	0.56		
	30	12.72	0.43		

**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	\$9.01	\$0.30	(I)	
Aluminum, Smooth Techtra Ornamental	18	19.18	0.64		(I)
Aluminum, Fluted Ornamental	16	9.34	0.31		
Aluminum, Double-Arm, Smooth Ornamental	25	15.18	0.51		
Aluminum, Fluted Westbrooke	18	18.06	0.60		
Aluminum, Non-Fluted Ornamental, Pendant	18	17.95	0.60		
Fiberglass, Fluted Ornamental Black	14	11.88	0.40		
Fiberglass, Anchor Base, Gray or Black	35	11.97	0.40		
Fiberglass, Anchor Base (Color may vary)	25	10.74	0.36		
	30	13.05	0.44	(I)	(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	*	*		
Cobrahead, Mercury Vapor	100	4,000	39	*	*		
	175	7,000	66	\$5.29	\$1.07	(I)	(R)
	250	10,000	94	*	*		
	400	21,000	147	5.86	1.11	(I)	
	1,000	55,000	374	5.74	1.20	(R)	
Holophane Mongoose, HPS	150	16,000	62	*	1.67		
	250	29,000	102	*	1.80		(R)
Special Box Similar to GE "Space-Glo"							
HPS	70	6,300	30	6.44	*	(I)	
Mercury Vapor	175	7,000	66	*	1.15	(C)	(R)

\* Not offered.

**SCHEDULE 91 (Continued)**

SERVICE RATE FOR OBSOLETE LIGHTING (Continued)

Type of Light	Watts	Nominal Lumens	Monthly kWh	Monthly Rates			
				Option A	Option B		
Special Box, Anodized Aluminum Similar to GardCo Hub							
HPS	70	6,300	30	*	*		(D)
	150	16,000	62	*	*		
	250	29,000	102	*	*		
Metal Halide	250	20,500	99	*	0.95		(R)
	400	40,000	156	*	0.95		(R)
Cobrahead, Metal Halide	175	12,000	71	*	*		
Flood, Metal Halide	400	40,000	156	6.23	*		(I)
Special Architectural Types Including Philips QL Induction Lamp Systems				*	*		
HADCO Victorian, QL	85	6,000	32	*	*		
	165	12,000	60	*	*		
HADCO Techtra, QL	165	12,000	60	*	1.07		(I)
Special Architectural Types							
KIM SBC Shoebox, HPS	150	16,000	62	*	0.94		(R)
KIM Archetype, HPS	250	29,000	102	*	1.82		
	400	50,000	163	*	2.17		(R)
Special Acorn-Type, HPS	70	6,300	30	10.92	1.47		(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)

Type of Light	Watts	Nominal Lumens	Monthly kWh	Monthly Rates		(I)	(R)
				Option A	Option B		
Early American Post-Top, HPS							
Black	70	6,300	30	\$6.62	\$1.06	(I)	(R)
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		1.10		(R)
Flood, HPS							(D)
	100	9,500	43	5.18	1.08	(I)	(R)
	200	22,000	79	7.32	1.16	(R)	(R)
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.

**RATES FOR OBSOLETE LIGHTING POLES**

Type of Pole	Poles Length (feet)	Option A	Option B	(I)	(I)
Aluminum Post	30	\$5.15	*	(I)	
Aluminum, Painted Ornamental	35	*	\$0.44		(I)
Aluminum, Regular	16	5.20	0.17	(I)	
Concrete, Ornamental	35 or less	9.52	0.32		(I)
Fiberglass, Direct Bury with Shroud	18	7.67	0.26		
Steel, Painted Regular **	25	9.52	0.32		
Steel, Painted Regular **	30	10.85	*	(I)	
Steel, Unpainted 6-foot Mast Arm **	30	*	0.36		
Steel, Unpainted 8-foot Mast Arm **	35	*	0.44		
Wood, Laminated without Mast Arm	20	*	0.19		
Wood, Curved Laminated	30	*	0.26		
Wood, Painted Underground	35	6.75	0.23	(I)	(I)

\* Not offered.

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

**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>	0.522	¢ per kWh	(I)
<u>Distribution Charge</u>	2.066	¢ per kWh	(I)
<u>Energy Charge</u>	2.695	¢ per kWh	(R)

\* 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>	0.462 ¢ per kWh	(I)
<u>Distribution Charge</u>	7.448 ¢ per kWh	(I)
<u>Energy Charge</u>		
Cost of Service Option	2.498 ¢ 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 0.319¢ 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. (I)

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)**

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

Labor Rate	Straight Time	Overtime <sup>(1)</sup>
	\$141.00 per hour	\$184.00 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	\$5.30	\$0.39	(I)
	>25-30	3,470	9	5.30	0.39	
	>30-35	2,530	11	5.57	0.39	
	>35-40	4,245	13	5.30	0.39	
	>40-45	5,020	15	5.47	0.39	
	>45-50	3,162	16	5.46	0.39	
	>50-55	3,757	18	5.74	0.39	
	>55-60	4,845	20	5.47	0.39	
	>60-65	4,700	21	5.47	0.39	
	>65-70	5,050	23	6.21	0.40	
	>70-75	7,640	25	6.24	0.40	
	>75-80	8,935	26	6.24	0.40	
	>80-85	9,582	28	6.24	0.40	
	>85-90	10,230	30	6.24	0.40	
	>90-95	9,928	32	6.24	0.40	
	>95-100	11,719	33	6.24	0.40	
	>100-110	7,444	36	6.05	0.40	
	>110-120	12,340	39	6.24	0.40	
	>120-130	13,270	43	6.24	0.40	
	>130-140	14,200	46	6.63	0.41	
	>140-150	15,250	50	8.59	0.45	
	>150-160	16,300	53	8.59	0.45	
	>160-170	17,300	56	8.59	0.45	
	>170-180	18,300	60	8.25	0.44	
	>180-190	19,850	63	8.59	0.45	
	>190-200	21,400	67	7.76	0.43	
	>200-210	27,033	70	7.83	0.43	
	>210-220	28,535	74	8.61	0.45	
	>220-230	30,017	77	8.61	0.45	
	>230-240	30,800	81	8.61	0.45	
	>240-250	31,507	84	9.11	0.46	

**SCHEDULE 95 (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	\$13.59	\$0.53	(I)(R)
	>40-45		3,500	15	13.59	0.53	
	>45-50		5,488	16	11.01	0.49	
	>50-55		4,000	18	13.59	0.53	
	>55-60		4,213	20	13.59	0.53	
	>60-65		4,273	21	13.59	0.53	
	>65-70		4,332	23	13.23	0.53	
	>70-75		4,897	25	13.59	0.53	(I)(R)
	>90-100		8,100	32	13.63	0.57	(N)
	HADCO LED	70	5,120	24	17.15	0.60	(R)
Pendant LED (Non-Flared)		36	3,369	12	14.19	0.54	(R)
		53	5,079	18	15.32	0.56	
		69	6,661	24	15.09	0.56	
		85	8,153	29	15.65	0.57	
Pendant LED (Flared)	>35-40		3,369	13	13.62	0.53	
	>40-45		3,797	15	14.46	0.55	
	>45-50		4,438	16	14.46	0.55	
	>50-55		5,079	18	17.21	0.60	
	>55-60		5,475	20	13.62	0.53	
	>60-65		6,068	21	17.21	0.60	
	>65-70		6,661	23	16.33	0.58	
	>70-75		7,034	25	13.62	0.53	
	>75-80		7,594	26	16.55	0.59	
>80-85		8,153	28	16.55	0.59		
Post-Top, American Revolution LED	>30-35		3,395	11	7.07	0.42	
	>45-50		4,409	16	7.07	0.42	(R)
Flood LED	>80-85		10,530	28	7.35	0.42	(I)(R)
	>120-130		16,932	43	7.89	0.43	
	>180-190		23,797	63	9.09	0.45	(I)(R)
	>320-330		46,802	112	13.50	0.56	(N)
	>330-340		48,692	116	13.50	0.56	(N)
	>340-350		50,145	119	13.50	0.56	(N)
	>350-360		51,598	123	13.50	0.56	(N)
>370-380		48,020	127	13.50	0.56	(R)	

## SCHEDULE 125 ANNUAL POWER COST UPDATE

### PURPOSE

The purpose of this adjustment schedule is to define procedures for annual rate revisions due to changes in the Company's projected Net Variable Power Costs (the Annual Power Cost Update). This schedule is an automatic adjustment clause as defined in ORS 757.210(1), and is subject to review by the Commission at least once every two years.

### APPLICABLE

To all Cost-of-Service bills for Electricity Service served under the following rate schedules 7, 15, 32, 38, 47, 49, 75, 83, 85, 89, 90, 91, 92 and 95. Customers served under the Daily Price option contained in schedules 32, 38, 75, 81, 83, 85, 89, 90, 91 and 95 are exempt from Schedule 125. (T)

### NET VARIABLE POWER COSTS

Net Variable Power Costs (NVPC) are the power costs for energy generated and purchased. NVPC are the net cost of fuel and emission control chemicals, fuel and emission control chemical transportation, power contracts, transmission/wheeling, wholesale sales, hedges, options and other financial instruments incurred to serve retail load.

### RATES

This adjustment rate is subject to increases or decreases, which may be made without prior hearing, to reflect increases or decreases, or both, in NVPC.

### ANNUAL UPDATES

The following updates will be made in each of the Annual Power Cost Update filings:

- NVPC Modeling Changes
- Forced Outage Rates based on a four-year rolling average.
- Projected planned plant outages.
- Wind energy forecast based on a five-year rolling average.
- Costs associated with wind and solar integration. The battery portion of wind and solar projects that have a battery storage component may be included if the battery is charged solely by wind and solar generation.
- Dispatch of energy storage systems.
- Forward market prices for both gas and electricity.
- Projected loads.
- Contracts for the purchase or sale of power and fuel.
- Emission control chemical costs.
- Thermal plant variable operation and maintenance, including the cost of transmission losses, for dispatch purposes.

### SCHEDULE 125 (Continued)

#### ANNUAL UPDATES (Continued)

- Changes in hedges, options, and other financial instruments used to serve retail load.
- Transportation contracts and other fixed transportation costs.
- Reciprocating engine lubrication oil costs.
- Projections of State and Federal Production Tax Credits.
- No other changes or updates will be made in the annual filings under this schedule.

#### REVENUE SENSITIVE COSTS

(C)

Changes in NVPC for purposes of rate determination under this schedule are adjusted for a revenue sensitive cost factor of 1.0346.

(C)  
(C)

#### FILING AND EFFECTIVE DATE

Should the Company propose modeling changes outside of a general rate case to be effective on January 1<sup>st</sup> of the following calendar year, the Company will file estimates of the proposed modeling changes and all associated minimum filing requirements no later than February 15 of the calendar year prior to the rate effective date. Any estimates for modeling changes proposed in a general rate case year shall be filed at the earlier of either the filing of GRC opening testimony or by April 1<sup>st</sup> prior to the rate effective date.

On or before April 1<sup>st</sup> of each calendar year, the Company will file estimates of the adjustments to its NVPC to be effective on January 1<sup>st</sup> of the following calendar year.

On or before October 1<sup>st</sup> of each calendar year, the Company will file updated estimates with final planned maintenance outages, final load forecast, updated projections of gas and electric prices, power, and fuel contracts.

On or before November 6<sup>th</sup> or the next available business day if the 6<sup>th</sup> is on a weekend of each calendar year, the Company will file estimates with the final planned maintenance outages from the October 1<sup>st</sup> filing, load forecasts from the October 1<sup>st</sup> filings, load reductions from the October update resulting from additional participation in the Company's Long-Term Cost of Service Opt-out that occurs in September, new market power and fuel contracts entered into since the previous updates, and updated projections of gas and electric prices, power, and fuel contracts.

**SCHEDULE 125 (Continued)**

FILING AND EFFECTIVE DATE (Continued)

On November 15<sup>th</sup>, or the next available business day if the 15<sup>th</sup> is on a weekend the Company will file the final estimate of NVPC and will calculate and file the final change in NVPC to be effective on the next January 1<sup>st</sup> with: 1) projected market electric and fuel prices based on the average of the Company’s internally generated projections made during the period November 1<sup>st</sup> through November 7<sup>th</sup>, 2) the final planned maintenance outages and load forecast from the October 1<sup>st</sup> filing, 3) final update to Qualifying Facilities online dates, and 4) final price for the energy generation at the Priest Rapids and Wanapum hydro facilities, as provided in the power contract between PGE and Grant County.

**RATE ADJUSTMENT**

The rate adjustment will be based on the Annual NVPC adjusted for Revenue Sensitive Costs applied to forecast loads used to determine Net Variable Power Costs.

(C)  
(C)

**ADJUSTMENT RATES**

Schedule		¢ per kWh	
7		5.788	(I)
7-TOD	On-Peak Period	13.255	(N)
	Mid-Peak Period	5.722	
	Off-Peak Period	3.519	(N)
15		4.123	(I)
32		5.090	(I)
32-TOU	On-Peak Period	<u>8.991</u>	(N)
	Mid-Peak Period	<u>5.090</u>	
	Off-Peak Period	<u>2.997</u>	(N)
38	<u>On-Peak Period</u>	<u>6.141</u>	(I)(C)
	<u>Mid-Peak Period</u>	<u>4.901</u>	
	<u>Off-Peak Period</u>	<u>4.281</u>	(I)(C)
47		6.078	
49		5.951	

SCHEDULE 125 (Continued)

(T)

ADJUSTMENT RATES (Continued)

Schedule	¢ per kWh	(M)
75		
Secondary <sup>(1)</sup>		
On-Peak Period	5.300	(I)(C)
Mid-Peak Period	4.556	
Off-Peak Period	4.060	
Primary <sup>(1)</sup>		
On-Peak Period	5.251	
Mid-Peak Period	4.507	
Off-Peak Period	4.011	
Subtransmission <sup>(1)</sup>		
On-Peak Period	5.201	
Mid-Peak Period	4.457	
Off-Peak Period	3.961	
83		
On-Peak Period	6.173	
Mid-Peak Period	5.028	
Off-Peak Period	4.265	
85		
Secondary		
On-Peak Period	5.961	
Mid-Peak Period	4.816	
Off-Peak Period	4.053	
Primary		
On-Peak Period	5.909	
Mid-Peak Period	4.764	
Off-Peak Period	4.001	
89		
Secondary		
On-Peak Period	5.300	
Mid-Peak Period	4.556	
Off-Peak Period	4.060	
Primary		
On-Peak Period	5.251	
Mid-Peak Period	4.507	
Off-Peak Period	4.011	
Subtransmission		
On-Peak Period	5.201	
Mid-Peak Period	4.457	
Off-Peak Period	3.961	(I)(C)
		(M)

<sup>(1)</sup> Applicable only to the Baseline and Scheduled Maintenance Energy.

**SCHEDULE 125 (Concluded)**

ADJUSTMENT RATES (Continued)

Schedule	¢ per kWh
90	
Primary 30-250 MWa	
On-Peak Period	4.750
Off-Peak Period	4.000
Primary >250 MWa	
On-Peak Period	4.750
Off-Peak Period	4.000
Subtransmission 30-250 MWa	
On-Peak Period	4.697
Off-Peak Period	3.947
Subtransmission >250 MWa	
On-Peak Period	4.697
Off-Peak Period	3.947
91	4.123
92	4.449
95	4.123

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

**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 generation revenue applied on a cents per kWh basis to each applicable rate schedule.

### SCHEDULE 126 (Continued)

#### POWER COST VARIANCE ACCOUNT

The Company will maintain a PCV Account to record both the Annual Power Cost Variance amounts and the RCE Power Cost Variance Amounts. The Account will contain the difference between the Adjustment Amount and amounts credited to or collected from Customers. This account will accrue interest at the Commission-authorized rate for deferred accounts. At the end of each year the Adjustment Amount for the calendar year will be adjusted by 50% of the annual interest calculated at the Commission-authorized rate. This amount will be added to the Adjustment

Any balance in the PCV Account will be amortized to rates over a period determined by the Commission. Annually, the Company will propose to the Commission PCV Adjustment Rates that will amortize the PCV to rates over a period recommended by the Company. The amount accruing to Customers, whether positive or negative, will be multiplied by a revenue sensitive factor of 1.0350 to account for franchise fees, uncollectibles, and OPUC fees. (C)

#### EARNINGS TEST

The recovery from or refund to Customers of any Adjustment Amount will be subject to an earnings review for the year that the power costs were incurred. The Company will recover the Adjustment Amount that is not the Exempted RCE Power Cost to the extent that such recovery will not cause the Company's Actual Return on Equity (ROE) for the year to exceed its Authorized ROE minus 100 basis points. The Company will refund the Adjustment Amount that is not the Exempted RCE Power Cost to the extent that such refunding will not cause the Company's Actual Return on Equity (ROE) for the year to fall below its Authorized ROE plus 100 basis points.

#### DEFINITIONS

Actual Loads - Actual loads are total annual calendar retail loads adjusted to exclude loads of Customers to whom this adjustment schedule does not apply.

Actual NVPC - Incurred cost of power based on the definition for NVPC described here in. Actual NVPC will be increased by the value of the energy associated with those Customers that received the Schedule 128 Balance of Year Transition Adjustment for the period during the year that the Customers received the Schedule 128 adjustment.

Actual Unit NVPC - The Actual Unit NVPC is calculated based on the following formula:

$$(\text{Actual NVPC} - 80\% \text{ RCE costs}) / (\text{Actual Loads} - 80\% \text{ RCE Loads})$$



## SCHEDULE 126 (Continued)

### DEFINITIONS (Continued)

- Include Energy Charge revenues from Schedules 76R, 38, 83, 85, 89, 90, and 91 Energy pricing options other than Cost of Service and the Energy Charge revenues from the Market Based Pricing Option from Schedules 485, 489, 490, 491, 492, 495 and 689 as an offset to NVPC.
- NVPC shall be adjusted as needed to comply with Order 07-015 that states that ancillary services, the revenues from sales as well as the costs from the services, should also be taken into account in the mechanism.
- Actual NVPC will be increased to include the value of the energy associated with those Customers that received the Schedule 128 Balance of Year Transition Adjustment for the period during the year that the Customers received the Schedule 128 adjustment.
- Include reciprocating engine lubrication oil expenses.
- Include actual State and Federal Production Tax Credits.

RCE Power Cost Mechanism – 80% of the RCE Power Cost that is exempt from the earnings test and deadbands.

RCE Load - Total retail load served by PGE during an RCE, adjusted to exclude loads of Customers to whom this adjustment schedule does not apply.

Reliability Contingency Event – An event qualifies as a Reliability Contingency Event (RCE) for cost recovery when at least 2 out of the 3 criteria are met:

1. The Day-ahead Mid-Columbia index prices exceed \$150/MWh.
2. PGE is eligible to request or acquire resource adequacy (RA) assistance through a regional RA program in which it participates.
3. A neighboring Balancing Authority has publicly declared an event that indicates potential supply or actual supply constraints.

### ADJUSTMENT AMOUNT

The amount accruing to the Power Cost Variance Account, whether positive or negative will be multiplied by a revenue sensitive factor of 1.0350 to account for franchise fees, uncollectibles, and OPUC fees. (C)

The Power Cost Adjustment Rate shall be set at level such that the projected amortization for 12 month period beginning with the implementation of the rate is no greater than six percent (6%) of annual Company retail revenues for the preceding calendar year.

### TIME AND MANNER OF FILING

As a minimum, on July 1<sup>st</sup> of the following year (or the next business day if the 1<sup>st</sup> is a weekend or holiday), the Company will file with the Commission recommended adjustment rates for the next calendar year.

**SCHEDULE 128  
SHORT-TERM TRANSITION ADJUSTMENT**

**PURPOSE**

The purpose of this Schedule is to calculate the Short-Term Transition Adjustment to reflect the results of the ongoing valuation under OAR 860-038-0140.

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To all Nonresidential Customers served who receive service at Daily pricing (other than Cost of Service) on Schedules 32, 38, 75, 83, 85, 89, 90, 91 or 95 or Direct Access service on Schedules 515, 532, 538, 549, 575, 583, 585, 589, 590, 591, 592 and 595. This Schedule is not applicable to Customers served on Schedules 485, 489, 490, 491, 492 and 495.

**SHORT-TERM TRANSITION ADJUSTMENT**

The Short-Term Transition Adjustment will reflect the difference between the Energy Charge(s) under the Cost of Service Option including Schedule 125 and the market price of power for the period of the adjustment applied to the load shape of the applicable schedule.

**ANNUAL SHORT-TERM TRANSITION ADJUSTMENT RATE**

For Customers who have made a service election other than Cost of Service in 2024, the Annual Short-Term Transition Adjustment Rate will be applied to their bills for service effective on and after January 1, 2025:

Schedule	Annual Part A ¢ per kWh <sup>(1)</sup>	Annual Part B \$ per KW of Peak Demand <sup>(3)</sup>
32	1.607	
38	1.654	
75		
Secondary	0.853 <sup>(2)</sup>	
Primary	0.845 <sup>(2)</sup>	
Subtransmission	0.679 <sup>(2)</sup>	
83	(1.404)	9.34
85		
Secondary	(1.110)	10.80
Primary	(1.510)	10.68

(1) Not applicable to Customers served on Cost of Service.

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

(3) Peak Demand hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday

**SCHEDULE 128 (Continued)**

ANNUAL SHORT-TERM TRANSITION ADJUSTMENT RATE (Continued)

Schedule		Annual Part A ¢ per kWh <sup>(1)</sup>	Annual Part B \$ per KW of Peak Demand <sup>(3)</sup>
89	Secondary	0.853	
	Primary	0.845	
	Subtransmission	0.679	
90 30-250 MWa	Primary	0.808	
90 >250 MWa	Primary	0.612	
91		0.581	
95		0.581	
515		0.592	
532		1.607	
538		1.654	
549		3.111	
575	Secondary	0.853 <sup>(2)</sup>	
	Primary	0.845 <sup>(2)</sup>	
	Subtransmission	0.679 <sup>(2)</sup>	
583		(1.404)	9.34
585	Secondary	(1.110)	10.80
	Primary	(1.510)	10.68
589	Secondary	0.853	
	Primary	0.845	
	Subtransmission	0.679	
590 30-250 MWa	Primary	0.808	
590 >250 MWa	Primary	0.612	
591		0.581	
592		0.455	
595		0.581	

(1) Not applicable to Customers served on Cost of Service.

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

(3) Peak Demand hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday.

**ANNUAL SHORT-TERM TRANSITION ADJUSTMENT REVISIONS**

The Annual Short-Term Transition Adjustment rate will be filed on November 15<sup>th</sup> (or the next business day if the 15<sup>th</sup> is a weekend or holiday) to be effective for service on and after January 1<sup>st</sup> of the next year. Indicative, non-binding estimates for the Annual Short-Term Transition Adjustment and Cost-of-Service Energy Prices will be posted by the Company by September 1 and then again one week prior to the filing date. These prices will be for informational purposes only and are not to be considered the adjustment rates.

**SCHEDULE 128 (Concluded)**

**Second Quarter – April 1<sup>st</sup> Balance of Year Adjustment Rate <sup>(1)</sup>**

Schedule		9-Month Part A ¢ per kWh <sup>(2)</sup>	9-Month Part B \$ per KW of Peak Demand <sup>(4)</sup>
38		(2.131)	
75	Secondary	(2.967) <sup>(3)</sup>	
	Primary	(2.934) <sup>(3)</sup>	
	Subtransmission	(3.242) <sup>(3)</sup>	
83		(5.443)	8.90
85	Secondary	(5.547)	10.12
	Primary	(5.451)	10.01
89	Secondary	(2.967)	
	Primary	(2.934)	
	Subtransmission	(3.242)	
90 30-250 MWa	Primary	(2.970)	
90 >250 MWa	Primary	(3.171)	
91		(1.872)	
95		(1.872)	
538		(2.131)	
575	Secondary	(2.967) <sup>(3)</sup>	
	Primary	(2.934) <sup>(3)</sup>	
	Subtransmission	(3.242) <sup>(3)</sup>	
583		(5.443)	8.90
585	Secondary	(5.547)	10.12
	Primary	(5.451)	10.01
589	Secondary	(2.967)	
	Primary	(2.934)	
	Subtransmission	(3.242)	
590 30-250 MWa	Primary	(2.970)	
590 >250 MWa	Primary	(3.171)	
591		(1.872)	
592		(3.110)	
595		(1.872)	

(1) Applicable April 1, 2024 through December 31, 2024.

(2) Not applicable to Customers served on Cost of Service.

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

(4) Peak Demand hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday.

**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 - R: 0.000 ¢ per kWh

(C)

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

(D)

**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
2023	2.475	2.474	2.216	2.197	2.247	2.144	2.119
2024	2.619	2.599	2.328	2.307	2.355	2.238	2.179
2025	2.762	2.724	2.458	2.436	2.480	2.351	2.237
After 2025	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(I)

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
2024	0.995	0.970	0.702	0.712	0.714	0.658	0.729
2025	1.138	1.095	0.832	0.841	0.839	0.771	0.787
2026	1.138	1.095	0.832	0.841	0.839	0.771	0.787
After 2026	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(I)

(I)

**SCHEDULE 129 (Continued)**

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

For Enrollment Period U (2022), 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
2023	(1.985)	(1.799)	(0.766)	(0.758)	(0.798)	(0.825)	(0.769)
2024	(1.845)	(1.677)	(0.629)	(0.651)	(0.693)	(0.734)	(0.706)
2025	(1.702)	(1.552)	(0.499)	(0.522)	(0.568)	(0.621)	(0.648)
2026	(1.702)	(1.552)	(0.499)	(0.522)	(0.568)	(0.621)	(0.648)
2027	(1.702)	(1.552)	(0.499)	(0.522)	(0.568)	(0.621)	(0.648)
After 2027	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(i)  
(ii)  
(i)

For Enrollment Period U (2022), the Generation Demand Charge are:

Period	Sch. 485 Sec. Vol. \$ per kW of Peak Demand	Sch. 485 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sec. Vol. \$ per kW of Peak Demand	Sch. 489 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sub. Vol. \$ per kW of Peak Demand	Sch. 490 Pri. Vol. \$ per kW of Peak Demand	Schs. 491/492/495 \$ per kW of Peak Demand
2023	5.17	5.15	0.000	0.000	0.000	0.000	0.000
2024	5.17	5.15	0.000	0.000	0.000	0.000	0.000
2025	5.17	5.15	0.000	0.000	0.000	0.000	0.000
2026	5.17	5.15	0.000	0.000	0.000	0.000	0.000
2027	5.17	5.15	0.000	0.000	0.000	0.000	0.000
After 2027	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(c)

**SCHEDULE 129 (Continued)**

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

For Enrollment Period V (2023), 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
2024	(4.669)	(4.269)	(2.431)	(2.405)	(2.539)	(2.417)	(2.101)
2025	(4.526)	(4.144)	(2.301)	(2.276)	(2.414)	(2.304)	(2.043)
2026	(4.526)	(4.144)	(2.301)	(2.276)	(2.414)	(2.304)	(2.043)
2027	(4.526)	(4.144)	(2.301)	(2.276)	(2.414)	(2.304)	(2.043)
2028	(4.526)	(4.144)	(2.301)	(2.276)	(2.414)	(2.304)	(2.043)
After 2028	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(i)  
—  
(ii)

For Enrollment Period V (2023), the Generation Demand Charge are:

Period	Sch. 485 Sec. Vol. \$ per kW of Peak Demand	Sch. 485 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sec. Vol. \$ per kW of Peak Demand	Sch. 489 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sub. Vol. \$ per kW of Peak Demand	Sch. 490 Pri. Vol. \$ per kW of Peak Demand	Schs. 491/492/495 \$ per kW of Peak Demand
2024	10.12	10.01	0.000	0.000	0.000	0.000	0.000
2025	10.12	10.01	0.000	0.000	0.000	0.000	0.000
2026	10.12	10.01	0.000	0.000	0.000	0.000	0.000
2027	10.12	10.01	0.000	0.000	0.000	0.000	0.000
2028	10.12	10.01	0.000	0.000	0.000	0.000	0.000
After 2028	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(c)



**SCHEDULE 129 (Continued)**

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

For Enrollment Period W (2024), 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	
2025	(5.510)	(4.231)	(0.528)	(0.523)	(0.704)	(0.558)	(0.702)	(I)
2026	(5.510)	(4.231)	(0.528)	(0.523)	(0.704)	(0.558)	(0.702)	
2027	(5.510)	(4.231)	(0.528)	(0.523)	(0.704)	(0.558)	(0.702)	
2028	(5.510)	(4.231)	(0.528)	(0.523)	(0.704)	(0.558)	(0.702)	
2029	(5.510)	(4.231)	(0.528)	(0.523)	(0.704)	(0.558)	(0.702)	
After 2029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(I)

For Enrollment Period W (2024), the Generation Demand Charge are:

Period	Sch. 485 Sec. Vol. \$ per kW of Peak Demand	Sch. 485 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sec. Vol. \$ per kW of Peak Demand	Sch. 489 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sub. Vol. \$ per kW of Peak Demand	Sch. 490 Pri. Vol. \$ per kW of Peak Demand	Schs. 491/492/495 \$ per kW of Peak Demand	
2025	9.34	10.68	0.000	0.000	0.000	0.000	0.000	(R)(I)
2026	9.34	10.68	0.000	0.000	0.000	0.000	0.000	
2027	9.34	10.68	0.000	0.000	0.000	0.000	0.000	
2028	9.34	10.68	0.000	0.000	0.000	0.000	0.000	
2029	9.34	10.68	0.000	0.000	0.000	0.000	0.000	
After 2029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(R)(I)

**SCHEDULE 129 (Continued)**

TRANSITION COST ADJUSTMENT (Continued)  
Three Year Opt-Out (Continued)

For Enrollment Period U (2022), the Generation Demand Charge are:

Period	Sch. 485 Sec. Vol. \$ per kW of Peak Demand	Sch. 485 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sec. Vol. \$ per kW of Peak Demand	Sch. 489 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sub. Vol. \$ per kW of Peak Demand	Sch. 490 Pri. Vol. \$ per kW of Peak Demand	Schs. 491/492/495 \$ per kW of Peak Demand
2023	5.17	5.15	0.000	0.000	0.000	0.000	0.000
2024	5.17	5.15	0.000	0.000	0.000	0.000	0.000
2025	5.17	5.15	0.000	0.000	0.000	0.000	0.000

(c)

For Enrollment Period V (2023), 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
2024	(5.205)	(5.134)	(2.870)	(2.840)	(2.905)	(3.116)	(2.398)
2025	(4.724)	(4.696)	(2.351)	(2.327)	(2.336)	(2.615)	(1.978)
2026	(4.532)	(4.508)	(2.147)	(2.125)	(2.094)	(2.442)	(2.094)

For Enrollment Period V (2023), the Generation Demand Charge are:

Period	Sch. 485 Sec. Vol. \$ per kW of Peak Demand	Sch. 485 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sec. Vol. \$ per kW of Peak Demand	Sch. 489 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sub. Vol. \$ per kW of Peak Demand	Sch. 490 Pri. Vol. \$ per kW of Peak Demand	Schs. 491/492/495 \$ per kW of Peak Demand
2024	9.32	9.22	0.000	0.000	0.000	0.000	0.000
2025	9.32	9.22	0.000	0.000	0.000	0.000	0.000
2026	9.32	9.22	0.000	0.000	0.000	0.000	0.000

(c)

**SCHEDULE 129 (Continued)**

TRANSITION COST ADJUSTMENT (Continued)  
Three Year Opt-Out (Continued)

For Enrollment Period W (2024), 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
2025	(1.729)	(1.701)	0.652	0.643	0.638	(0.275)	0.107
2026	(2.842)	(2.775)	(0.436)	(0.432)	(0.363)	(1.299)	(1.012)
2027	(3.229)	(3.153)	(0.827)	(0.820)	(0.686)	(1.659)	(1.471)

For Enrollment Period W (2024), the Generation Demand Charge are:

Period	Sch. 485 Sec. Vol. \$ per kW of Peak Demand	Sch. 485 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sec. Vol. \$ per kW of Peak Demand	Sch. 489 Pri. Vol. \$ per kW of Peak Demand	Sch. 489 Sub. Vol. \$ per kW of Peak Demand	Sch. 490 Pri. Vol. \$ per kW of Peak Demand	Schs. 491/492/495 \$ per kW of Peak Demand
2025	10.62	10.50	0.000	0.000	0.000	0.000	0.000
2026	10.62	10.50	0.000	0.000	0.000	0.000	0.000
2027	10.62	10.50	0.000	0.000	0.000	0.000	0.000

(C)

**SPECIAL CONDITIONS**

- 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.

**SCHEDULE 129 (Concluded)**

SPECIAL CONDITIONS (Continued)

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. 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	2.896	(I)   (I)
	Primary	2.866	
89	Secondary	2.731	
	Primary	2.701	
	Subtransmission	2.672	
90		2.683	
91		2.478	
92		2.478	
95		2.478	

**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 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	Sch. 689	Sch. 689	
	Secondary Voltage	Primary Voltage	Subtransmission Voltage	
	¢ per kWh	¢ per kWh	¢ per kWh	
2020	0.679	0.667	0.658	
2021	0.702	0.689	0.680	
2022	0.587	0.580	0.576	
2023	0.655	0.648	0.645	
2024	0.609	0.602	0.598	
2025*	0.635	0.628	0.623	(I)
After 2026	0.000	0.000	0.000	

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

Period	Sch. 689	Sch. 689	Sch. 689	
	Secondary Voltage	Primary Voltage	Subtransmission Voltage	
	¢ per kWh	¢ per kWh	¢ per kWh	
2021	0.702	0.689	0.680	
2022	0.587	0.580	0.576	
2023	0.655	0.648	0.645	
2024	0.609	0.602	0.598	
2025	0.635	0.628	0.623	(I)
2026*	0.635	0.628	0.623	(I)
After 2027	0.000	0.000	0.000	

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

**SCHEDULE 139 (Continued)**

TRANSITION COST ADJUSTMENT (Continued)

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

Period	Sch. 689	Sch. 689	Sch. 689	
	Secondary Voltage	Primary Voltage	Subtransmission Voltage	
	¢ per kWh	¢ per kWh	¢ per kWh	
2022	0.587	0.580	0.576	
2023	0.655	0.648	0.645	
2024	0.609	0.602	0.598	
2025	0.635	0.628	0.623	(I)
2026	0.635	0.628	0.623	(I)
2027*	0.635	0.628	0.623	(I)
After 2028	0.000	0.000	0.000	

For Period 4 (2023), the Transition Cost Adjustment will be:

Period	Sch. 689	Sch. 689	Sch. 689	
	Secondary Voltage	Primary Voltage	Subtransmission Voltage	
	¢ per kWh	¢ per kWh	¢ per kWh	
2023	0.655	0.648	0.645	
2024	0.609	0.602	0.598	
2025	0.635	0.628	0.623	(I)
2026	0.635	0.628	0.623	
2027	0.635	0.628	0.623	
2028*	0.635	0.628	0.623	(I)
After 2029	0.000	0.000	0.000	

For Period 5 (2024), the Transition Cost Adjustment will be:

Period	Sch. 689	Sch. 689	Sch. 689	
	Secondary Voltage	Primary Voltage	Subtransmission Voltage	
	¢ per kWh	¢ per kWh	¢ per kWh	
2024	0.609	0.602	0.598	
2025	0.635	0.628	0.623	(I)
2026	0.635	0.628	0.623	
2027	0.635	0.628	0.623	
2028	0.635	0.628	0.623	
2029*	0.635	0.628	0.623	(I)
After 2030	0.000	0.000	0.000	

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

**SCHEDULE 300  
CHARGES AS DEFINED BY THE RULES AND REGULATIONS  
AND MISCELLANEOUS CHARGES**

**PURPOSE**

The purpose of this schedule is to list the charges referred to in the General Rules and Regulations.

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

For all Customers utilizing the services of the Company as defined and described in the General Rules and Regulations.

**INTEREST ACCRUED ON NON-RESIDENTIAL CUSTOMER DEPOSITS (See Rules E and K)**

4.5% per annum.

**BILLING RATES (Rules C, E, F, H, J, M and Sch 201)**

Trouble call, cause in Customer-owned equipment

Scheduled Crew Hours <sup>(1)</sup>	No charge	
Other than Scheduled Crew Hours <sup>(1)</sup>	\$280.00	
Returned Payment Charge	\$ 25.00	
Special Meter Reading Charge (non-network)	\$ 30.00	(I)
Meter Test Charge	\$ 158.00	(I)
Late Payment Charge (monthly)	2.4% of delinquent balance	
Field Visit Charge <sup>(2)</sup>	\$ 54.00	(I)
Bill History Information Service Charge	\$ 32.00	
(Not applicable when a billing dispute is filed with the Commission - see Rule F)		
Portfolio Enrollment Charge	\$ 5.00	
Customer Interval Data (12 months, formatted and analyzed)	Mutually agreed price	
Switching Fee	\$20.00	
Unauthorized Connection of Service / Tamper Fee	\$75.00	
Monthly Service Charge Sch 201	\$151.00	
Qualifying Facility 10 MW or Less <sup>(3)</sup>		

(1) Scheduled Crew Hours - The Company's Scheduled Crew Hours for the above listed services are from 7:00 a.m. to 3:30 p.m., Monday through Friday, except for Company-recognized holidays. The Customer will be informed of and agree to the charges before Company personnel are dispatched.

(2) See Rule H, Section 2 for applicable conditions.

(3) See Schedule 201 Monthly Service Charge. (Applicable only to new Standard Power Purchase Agreements after January 1, 2024).

**SCHEDULE 300 (Continued)**

**PULSE OUTPUT METERING (Rule M)**

Installation of Standard Meter Option (1 or 2 outputs)	\$ 575.00	(I)
Installation of Complex Meter Option (1 – 4 outputs)	\$1,525.00	(I)

**NON-NETWORK RESIDENTIAL METER RATES (Rule M)**

Installation of non-network meter (one time charge)	\$158.00	(I)
Non-network Meter Read	\$30.00 per month	(I)

**METER RELOCATION RATES (Rule M)**

Single meter relocation	Estimated Actual Costs
Single meter relocation with Pole	Estimated Actual Costs

**MISCELLANEOUS EQUIPMENT RENTAL (Rule C)**

Rental of transformers, single-phase to three-phase inverters, capacitors, and other related equipment	1-2/3% per month of current replacement cost at time of installation
--	--

**TRANSFORMERS (Rule I Section 3)**

Submersible Transformers

For applications that require submersible transformers, which include but are not limited to network service areas and densely populated urban areas, the charge will be the calculated difference in cost between submersible and pad mount transformer installations including the costs of future maintenance.



**SCHEDULE 300 (Continued)**

**LINE EXTENSIONS (Rule I)**

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

Residential Service All Electric <sup>(2)</sup>	\$3,520.00 / dwelling unit	
Residential Service Primary Other <sup>(3)</sup>	\$2,730.00 / dwelling unit	
Schedule 32	\$0.3240 / estimated annual kWh	(I)
Schedules 38 and 83	\$0.1389 / estimated annual kWh	(I)
Schedules 85 and 89 Secondary Voltage Service	\$0.0812 / estimated annual kWh	(I)
Schedules 85 and 89 Primary Voltage Service	\$0.0367 / estimated annual kWh	(R)
Schedules 15, 91 and 95 Outdoor Lighting	\$0.1745 / estimated annual kWh	(I)
Schedule 92 Traffic Signals	\$0.0452 / estimated annual kWh	(I)
Schedules 47 and 49	\$0.1314 / estimated annual kWh	(I)

Trenching or Boring (Section 2)

Trenching, boring, excavating, backfilling, ducts, raceways, road crossings, paving, vaults, transformer pads and any required permits  
Mainline trenching, boring and backfilling

Estimated Actual Cost

Lighting Underground Service Areas

Installation of conduit on a wood pole for lighting purposes

Estimated Actual Cost

- (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.

**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	\$ 203.00	(I)

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

Standard Temporary Service

Service Connection Required:

No permanent Customer obtained	\$1,225.00	(I)
Permanent Customer obtained		
Overhead Service	\$725.00	(I)
Underground Service	\$733.00	(I)
Existing service	\$930.00	(I)

Enhanced Temporary Service

Fixed fee for initial 6-month period	\$1,069.00	(I)
Fixed fee per 6-month renewal	\$479.00	(I)

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 and removal labor for pole(s) and luminaire(s), including any construction costs (i.e., permitting, flagging, etc) and any facilities to energize luminaire(s). See Schedule 15 regarding the monthly energy and maintenance cost.
- (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>	\$820.00	\$700.00	(I)
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity			
First 200 kW	\$2.68	\$2.65	(R)
Over 200 kW	\$2.58	\$2.55	(R)
per kW of monthly Peak Demand****	\$2.00	\$1.98	(I)(C)
<u>System Usage Charge</u>			
per kWh	0.065 ¢	0.065 ¢	(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.

\*\*\*\* Peak Demand hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday.

(N)

**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>	\$3,890.00	\$3,840.00	\$5,460.00	(I)
<u>Distribution Charges**</u>				
The sum of the following:				
per kW of Facility Capacity				
First 4,000 kW	\$1.14	\$1.13	\$1.12	(R)
Over 4,000 kW	\$0.83	\$0.82	\$0.81	(R)
per kW of monthly Peak Demand****	\$2.00	\$1.98	\$0.13	(I)(C)
<u>System Usage Charge</u>				
per kWh	0.068 ¢	0.067 ¢	0.066 ¢	(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.

\*\*\*\* Peak Demand hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday.

(N)

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

**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.

**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>	\$17,200.00	\$17,200.00	(I)
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity			
First 4,000 kW	\$0.95	\$0.95	(R)
Over 4,000 kW	\$0.64	\$0.64	(R)
per kW of monthly Peak Demand****	\$1.98	\$0.13	(I)(C)
<u>System Usage Charge</u>			
per kWh	0.028 ¢	0.028¢	(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.

\*\*\*\* Peak Demand hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday.

(N)

### 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

7.261 ¢ per kWh

(l)

#### 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)**

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

Labor Rates	Straight Time	Overtime <sup>(1)</sup>
	\$141.00 per hour	\$184.00 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**

<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>
Cobrahead Power Doors **	100	9,500	43	*	\$4.02	\$3.12
	400	50,000	163	*		11.84
Cobrahead, Non-Power Door	70	6,300	30	\$8.29	3.34	2.18
	100	9,500	43	8.42	4.20	3.12
	150	16,000	62	*	5.59	4.50
	200	22,000	79	11.63	6.88	5.74
	250	29,000	102	12.95	8.54	7.41
	400	50,000	163	17.50	12.96	11.84
Flood	250	29,000	102	14.89	8.73	7.41
	400	50,000	163	19.22	13.13	11.84
Early American Post-Top	100	9,500	43	9.92	4.36	3.12
Shoebox (Bronze color, flat Lens, or drop lens, multi-volt)	70	6,300	30	8.09	3.33	2.18
	100	9,500	43	*	4.33	3.12
	150	16,000	62	*	5.76	4.50

(I)  
(D)  
(I)(C)  
  
  
  
  
  
  
  
  
(I)

\* 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	\$5.61	\$0.19	(I)
Fiberglass, Black or Bronze	30	9.13	0.31	
Fiberglass, Gray	30	9.13	0.31	
Fiberglass, Smooth, Black or Bronze	18	6.01	0.20	
Fiberglass, Regular	18	5.06	0.17	
Black, Bronze, or Gray	35	8.85	0.30	(I)
Aluminum, Regular with Breakaway Base	25	16.33	0.55	(N)
	30	16.66	0.56	(N)
	35	18.02	0.60	(I)
Aluminum, Smooth, Black, Pendant	23	18.39	0.61	
Wood, Standard	30 to 35	6.82	0.23	
Wood, Standard	40 to 55	7.98	0.27	(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	\$14.25	\$4.80	\$3.12	(I)
HADCO Victorian, HPS	150	16,000	62		6.19	4.50	(I)(C)
	200	22,000	79		7.28	5.74	(I)(C)
	250	29,000	102	16.94	8.95	7.41	(I)
HADCO Capitol Acorn, HPS	100	9,500	43	16.84	5.07	3.12	
	150	16,000	62	*	6.37	4.50	
	200	22,000	79	*	7.72	*	
Special Architectural Types							
HADCO Independence, HPS	100	9,500	43	*	4.75	3.12	
	150	16,000	62	*	*	4.50	
	100	9,500	43	*	5.47	*	
HADCO Techtra, HPS	150	16,000	62	23.19	6.93	4.50	
	250	29,000	102	*	9.78	*	
HADCO Westbrooke, HPS	70	6,300	30	14.38	3.95	*	
	100	9,500	43	15.22	4.88	3.12	

\* Not offered.



**SCHEDULE 491 (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	*	\$6.45	*	(I)
	200	22,000	79	*	6.73	*	(I)
	250	29,000	102	\$19.09	9.15	*	(I)
Special Types							(D)
Option C Only **							
Ornamental Acorn Twin	85	9,600	64	*	*	\$4.65	(I)
Ornamental Acorn	55	2,800	21	*	*	1.52	
Ornamental Acorn Twin	55	5,600	42	*	*	3.05	
Composite, Twin	140	6,815	54	*	*	3.92	
	175	9,815	66	*	*	4.79	(I)

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	\$9.63	\$0.32	(I)
	30	11.00	0.37	
	35	12.68	0.42	
Aluminum Davit	25	10.25	0.34	
	30	11.50	0.38	
	35	13.10	0.44	
	40	16.80	0.56	
Aluminum Double Davit	30	12.72	0.43	
Aluminum, Fluted Ornamental	14	9.01	0.30	

\* 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</u> (feet)	Monthly Rates		
		<u>Option A</u>	<u>Option B</u>	
Aluminum, Smooth Techtra Ornamental	18	\$19.18	\$0.64	(I)
Aluminum, Fluted Ornamental	16	9.34	0.31	
Aluminum, Double-Arm, Smooth Ornamental	25	15.18	0.51	
Aluminum, Fluted Westbrooke	18	18.06	0.60	
Aluminum, Non-Fluted Ornamental, Pendant	18	17.95	0.60	
Fiberglass, Fluted Ornamental Black	14	11.88	0.40	
Fiberglass, Anchor Base, Gray or Black	35	11.97	0.40	
Fiberglass, Anchor Base (Color may vary)	25	10.74	0.36	
	30	13.05	0.44	

**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	*	*	\$4.36	(I)
Cobrahead, Mercury Vapor	100	4,000	39	*	*	2.83	
	175	7,000	66	\$10.08	\$5.86	4.79	
	250	10,000	94	*	*	6.83	
	400	21,000	147	16.53	11.78	10.67	
	1,000	55,000	374	32.90	28.36	27.16	
Holophane Mongoose, HPS	150	16,000	62	*	6.17	*	(I)
	250	29,000	102	*	9.21	*	

\* Not offered.

**SCHEDULE 491 (Continued)**

SERVICE RATE FOR OBSOLETE LIGHTING (Continued)

Type of Light	Watts	Nominal Lumens	Monthly kWh	Monthly Rates			
				Option A	Option B	Option C	
Special Box Similar to GE "Space-Glo"							
HPS	70	6,300	30	\$8.62	*	*	(I)
Mercury Vapor	175	7,000	66		\$5.94	\$4.79	(I)(C)
Special box, Anodized Aluminum							
Similar to GardCo Hub							
HPS	70	6,300	30	*	*	2.18	(I)
	150	16,000	62	*	*	4.50	(D)
	250	29,000	102	*	*	7.41	(I)
Metal Halide	250	20,500	99	*	8.14	7.19	
	400	40,000	156	*	12.28	*	
Cobrahead, Metal Halide	175	12,000	71	*	*	5.16	
Flood, Metal Halide	400	40,000	156	17.56	*	11.33	
Special Architectural Types							
KIM SBC Shoebox, HPS	150	16,000	62	*	5.44	4.50	
KIM Archetype, HPS	250	29,000	102	*	9.23	7.41	
	400	50,000	163	*	14.01	11.84	(I)

\* Not offered

**SCHEDULE 491 (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	\$13.10	\$3.65	*	(I)
Special GardCo Bronze Alloy							
HPS	70	5,000	30	*	*	\$2.18	
Mercury Vapor	175	7,000	66	*	*	4.79	
Early American Post-Top, HPS							
Black	70	6,300	30	8.80	3.24	2.18	
Rectangle Type	200	22,000	79	*	*	5.74	
Incandescent	92	1,000	31	*	*	2.25	
	182	2,500	62	*	*	4.50	(I)
Town and Country Post-Top							
Mercury Vapor	175	7,000	66	*	5.89	4.79	(I)(C)
Flood, HPS							(D)
	100	9,500	43	8.30	4.20	*	(I)
	200	22,000	79	13.06	6.90	5.74	
Special Types Customer-Owned & Maintained							
Ornamental, HPS	100	9,500	43	*	*	3.12	
Twin ornamental, HPS	Twin 100	9,500	86	*	*	6.24	
Compact Fluorescent	28	N/A	12	*	*	0.87	(I)

\* 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	\$5.15	*	(I)	
Aluminum, Painted Ornamental	35	*	\$0.44		
Aluminum, Regular	16	5.20	0.17		
Concrete, Ornamental	35 or less	9.52	0.32		
Fiberglass, Direct Bury with Shroud	18	7.67	0.26		
Steel, Painted Regular **	25	9.52	0.32		
Steel, Painted Regular **	30	10.85	*		(C)
Steel, Unpainted 6-foot Mast Arm **	30	*	0.36		
Steel, Unpainted 8-foot Mast Arm **	35	*	0.44		
Wood, Laminated without Mast Arm	20	*	0.19		
Wood, Curved Laminated	30	*	0.26		
Wood, Painted Underground	35	6.75	0.23		(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	*	*	\$2.32	(I)
	165	12,000	60	*	*	4.36	(I)
	165	12,000	60	*	5.43	4.36	(I)

**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 MWa 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

1.864 ¢ per kWh

(I)

\* 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 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 7.261 ¢ per kWh (I)

**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)**

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

Labor Rates <sup>(1)</sup>	Straight Time	Overtime
	\$141.00 per hour	\$184.00 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	\$5.88	\$0.97	(I)
	>25-30	3,470	9	5.95	1.04	
	>30-35	2,530	11	6.37	1.19	
	>35-40	4,245	13	6.24	1.33	
	>40-45	5,020	15	6.56	1.48	
	>45-50	3,162	16	6.62	1.55	
	>50-55	3,757	18	7.05	1.70	
	>55-60	4,845	20	6.92	1.84	
	>60-65	4,700	21	6.99	1.91	
	>65-70	5,050	23	7.88	2.07	
	>70-75	7,640	25	8.06	2.22	
	>75-80	8,935	26	8.13	2.29	
	>80-85	9,582	28	8.27	2.43	
	>85-90	10,230	30	8.42	2.58	
	>90-95	9,928	32	8.56	2.72	
	>95-100	11,719	33	8.64	2.80	
	>100-110	7,444	36	8.66	3.01	
	>110-120	12,340	39	9.07	3.23	
	>120-130	13,270	43	9.36	3.52	
	>130-140	14,200	46	9.97	3.75	
	>140-150	15,250	50	12.22	4.08	
	>150-160	16,300	53	12.44	4.30	
	>160-170	17,300	56	12.66	4.52	
	>170-180	18,300	60	12.61	4.80	
	>180-190	19,850	63	13.16	5.02	
	>190-200	21,400	67	12.62	5.29	(I)
	>200-210	27,033	70	12.91	5.51	(N)
	>210-220	28,535	74	13.98	5.82	
	>220-230	30,017	77	14.20	6.04	
	>230-240	30,800	81	14.49	6.33	
	>240-250	31,507	84	15.21	6.56	(N)



**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	\$14.53	\$1.47	(I)	(I)
	>40-45		3,500	15	14.68	1.62		
	>45-50		5,488	16	12.17	1.65		
	>50-55		4,000	18	14.90	1.84		
	>55-60		4,213	20	15.04	1.98		
	>60-65		4,273	21	15.11	2.05		
	>65-70		4,332	23	14.90	2.20		
	>70-75		4,897	25	15.41	2.35	(I)	(I)
	>90-75		8,100	32	15.95	2.89	(N)	(N)
HADCO LED	70	5,120	24	18.89	2.34	(I)	(I)	
Pendant LED (Non-Flared)	36	3,369	12	15.06	1.41			
	53	5,079	18	16.63	1.87			
	69	6,661	24	16.83	2.30			
	85	8,153	29	17.76	2.68	(I)	(I)	
Pendant LED (Flared)	>35-40	3,369	13	14.56	1.47	(R)	(I)	
	>40-45	3,797	15	15.55	1.64	(I)		
	>45-50	4,438	16	15.62	1.71	(I)		
	>50-55	5,079	18	18.52	1.91	(I)		
	>55-60	5,475	20	15.07	1.98	(R)		
	>60-65	6,068	21	18.73	2.12	(I)		
	>65-70	6,661	23	18.00	2.25	(I)		
	>70-75	7,034	25	15.44	2.35	(R)		
	>75-80	7,594	26	18.44	2.48	(I)		
>80-85	8,153	28	18.58	2.62	(I)	(I)		
Post-Top, American Revolution LED	>30-35	3,395	11	7.87	1.22	(R)		
	>45-50	4,409	16	8.23	1.58	(R)		
Flood LED	>80-85	10,530	28	9.38	2.45	(I)		
	>120-130	16,932	43	11.01	3.55	(I)		
	>180-190	23,797	63	13.66	5.02	(I)	(I)	
	>320-330	46,802	112	21.63	8.69	(N)	(N)	
	>330-340	48,692	116	21.92	8.98			
	>340-350	50,145	119	22.14	9.20			
	>350-360	51,598	123	22.43	9.49	(N)	(N)	
>370-380	48,020	127	22.72	9.78	(I)	(I)		

**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 7.214 ¢ per kWh (I)

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	\$9.89 <sup>(2)</sup>	(I)
	400	21,000	147	16.38 <sup>(2)</sup>	
	1,000	55,000	374	32.64 <sup>(2)</sup>	
HPS	70	6,300	30	8.19 <sup>(2)</sup>	
	100	9,500	43	8.32	
	150	16,000	62	9.77	
	200	22,000	79	11.51	
	250	29,000	102	12.82	
	310	37,000	124	14.52 <sup>(2)</sup>	
	400	50,000	163	17.34	

(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	\$8.20 <sup>(2)</sup>	(I)
	200	22,000	79	12.94 <sup>(2)</sup>	
	250	29,000	102	14.76	
	400	50,000	163	19.06	
Shoebox, HPS (bronze color, flat lens, or drop lens, multi-volt)	70	6,300	30	7.99	
	100	9,500	43	9.52	
	150	16,500	62	11.35	
Special Acorn Type, HPS	100	9,500	43	14.15	
HADCO Victorian, HPS	150	16,500	62	15.54	
Early American Post-Top, HPS, Black	100	9,500	43	9.82	
Special Types					
Cobrahead, Metal Halide	150	10,000	60	11.95	
Cobrahead, Metal Halide	175	12,000	71	11.02	
Flood, Metal Halide	350	30,000	139	18.53	
Flood, Metal Halide	400	40,000	156	17.40	
Flood, HPS	750	105,000	285	31.22	
HADCO Independence, HPS	100	9,500	43	13.81	
HADCO Techtra, HPS	100	9,500	43	20.88	
	150	16,000	62	23.08	(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	\$14.45	(I)
	>40-45	3,500	15	14.59	
	>45-50	5,488	16	12.08	
	>50-55	4,000	18	14.81	
	>55-60	4,213	20	14.95	
	>60-65	4,273	21	15.02	
	>65-70	4,332	23	14.81	
	>70-75	4,897	25	15.31	(I)
	>91-100	8,100	32	15.86	(N)
HADCO LED	70	5,120	24	18.80	(I)
Roadway LED	>20-25	3,000	8	5.80	(I)
	>25-30	3,470	9	5.87	
	>30-35	2,530	11	6.28	
	>35-40	4,245	13	6.16	
	>40-45	5,020	15	6.47	
	>45-50	3,162	16	6.53	
	>50-55	3,757	18	6.96	
	>55-60	4,845	20	6.83	
	>60-65	4,700	21	6.90	
	>65-70	5,050	23	7.79	
	>70-75	7,640	25	7.96	
	>75-80	8,935	26	8.04	
	>80-85	9,582	28	8.18	
	>85-90	10,230	30	8.32	
	>90-95	9,928	32	8.47	
	>95-100	11,719	33	8.54	
	>100-110	7,444	36	8.57	
	>110-120	12,340	39	8.97	
	>120-130	13,270	43	9.26	
	>130-140	14,200	46	9.87	
	>140-150	15,250	50	12.12	(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>	
Roadway LED (Cont)	>150-160	16,300	53	\$12.80	(I)
	>160-170	17,300	56	13.87	
	>170-180	18,300	60	14.08	
	>180-190	19,850	63	14.37	
	>190-200	21,400	67	15.09	(I)
	>200-210	27,033	70	12.80	(N)
	>210-220	28,535	74	13.87	
	>220-230	30,017	77	14.08	
	>230-240	30,800	81	14.37	
	>240-250	31,507	84	15.09	(N)
Pendant LED (Non-Flare)	36	3,369	12	14.98	(I)
	53	5,079	18	16.54	
	69	6,661	24	16.74	
	85	8,153	29	17.66	
Pendant LED (Flare)	>35-40	3,369	13	14.48	
	>40-45	3,797	15	15.46	
	>45-50	4,438	16	15.53	
	>50-55	5,079	18	18.43	
	>55-60	5,475	20	14.98	
	>60-65	6,068	21	18.64	
	>65-70	6,661	23	17.91	
	>70-75	7,034	25	15.34	
	>75-80	7,594	26	18.35	
	>80-85	8,153	28	18.49	
CREE XSP LED	>20-25	2,529	8	5.96	
	>30-35	4,025	11	6.17	
	>40-45	3,819	15	6.46	
	>45-50	4,373	16	6.59	
	>55-60	5,863	20	6.88	
	>65-70	9,175	23	7.65	
	130-140	18,700	46	10.80	(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>	<b>(M)</b>
Post-Top, American Revolution LED	>30-35	3,395	11	7.78	<b>(I)</b>
	>45-50	4,409	16	8.14	
Flood LED	>80-85	10,530	28	9.29	<b>(I)</b>
	120-130	16,932	43	10.91	
	180-190	23,797	63	13.55	
	321-330	46,802	112	21.50	
	331-340	48,692	116	21.79	
	341-350	50,145	119	22.00	
	351-360	51,598	123	22.29	
370-380	48,020	127	22.58	<b>(I)(M)</b>	

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	\$6.54	<b>(I)</b>
	40 to 55	7.71	
Wood, Painted Underground	35 or less	6.48 <sup>(3)</sup>	<b>(I)</b>
Wood, Curved laminated	30 or less	7.62 <sup>(3)</sup>	
Aluminum, Regular	16	5.00	<b>(I)</b>
	25	9.29	
	30	10.66	
	35	12.34	
Aluminum, Fluted Ornamental	14	8.80	<b>(I)</b>
Aluminum, Fluted Ornamental	16	9.14	
Aluminum Davit	25	9.91	<b>(I)</b>
	30	11.16	
	35	12.76	
	40	16.38	
Aluminum Double Davit	30	12.38	<b>(I)</b>
Aluminum, Smooth Techtra Ornamental	18	18.84	

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

(3) No new service.

**SCHEDULE 515 (Continued)**

**MONTHLY RATE (Continued)**

Rates for Area Light Poles(2)

Type of Pole	Pole Length (feet)	Monthly Rate Per Pole	
Fiberglass Fluted Ornamental; Black	14	11.60	(I)
Fiberglass, Regular			
Black	20	5.40	
Gray or Bronze	30	8.78	
Black, Gray, or Bronze	35	8.57	
Fiberglass, Anchor Base, Gray or Black	35	11.70	
Fiberglass, Anchor Base (Color may vary)	25	10.39	
	30	12.71	
Fiberglass, Direct Bury with Shroud	18	7.33	
Aluminum, Regular with Breakaway Base	35	17.68	
Aluminum, Double-Arm, Smooth Ornamental	25	14.83	
Aluminum, Smooth, Black, Pendant	23	18.04	(I)
Aluminum, Regular with Breakaway Base	25	16.33	(N)
	30	16.66	(N)(M)

**INSTALLATION CHARGE**

See Schedule 300 regarding the installation of conduit on wood 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.

**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 to add the luminaire type to this rate schedule.

**SCHEDULE 515 (Concluded)**

**SPECIAL CONDITIONS (Continued)**

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 installation or may mutually agree with the Company and pay to have the pole either completely removed or relocated.
3. 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)**

**TERM**

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

**(M)**



**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)\*:

<u>Basic Charge</u>		
Single Phase	\$24.00	(I)
Three Phase	\$33.00	(I)
<u>Distribution Charge</u>		
First 5,000 kWh	6.669 ¢ per kWh	(I)
Over 5,000 kWh	3.231 ¢ per kWh	(I)

\* 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>			
Single Phase Service	\$50.00		(I)
Three Phase Service	\$60.00		(N)
<u>Distribution Charge</u>	8.342	¢ 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**	\$60.00	(I)
Winter Months**	No Charge	
<u>Distribution Charge</u>		
First 50 kWh per kW of Demand	12.214 ¢ per kWh	(I)
Over 50 kWh per kW of Demand	10.217 ¢ 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	\$3,890.00	\$3,840.00	\$5,460.00	(I)
<u>Distribution Charge</u>				
The sum of the following:				
per kW of Facility Capacity				
First 4,000 kW	\$1.14	\$1.13	\$1.12	(R)
Over 4,000 kW	\$0.83	\$0.82	\$0.81	(R)
per kW of monthly Peak Demand**	\$2.00	\$1.98	\$0.13	(I)(C)
<u>Generation Contingency Reserves Charges***</u>				
<u>Spinning Reserves</u>				
per kW of Reserved Capacity > 1,000 kW	\$0.234	\$0.234	\$0.234	
<u>Supplemental Reserves</u>				
per kW of Reserved Capacity > 1,000 kW	\$0.234	\$0.234	\$0.234	
<u>System Usage Charge</u>				
per kWh	0.068 ¢	0.067 ¢	0.066 ¢	(I)

\* See Schedule 100 for applicable adjustments.

\*\* Peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday.

\*\*\* 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>Delivery Voltage</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 Peak hours per day**	\$0.078	\$0.077	\$0.005	(I)(C)
<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.

(C)

**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	\$50.00	(I)
Three Phase Service	\$60.00	(I)

Distribution Charges\*\*

The sum of the following:

per kW of Facility Capacity

First 30 kW \$5.91 (R)

Over 30 kW \$5.81 (R)

per kW of monthly Peak Demand\*\*\* \$2.00 (I)(C)

System Usage Charge

per kWh 0.627 ¢ (R)

\* 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.

\*\*\* Peak Demand hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday.

(N)

**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>	\$820.00	\$700.00	<b>(I)</b>
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity			
First 200 kW	\$2.68	\$2.65	<b>(R)</b>
Over 200 kW	\$2.58	\$2.55	<b>(R)</b>
per kW of monthly Peak Demand***	\$2.00	\$1.98	<b>(I)(C)</b>
<u>System Usage Charge</u>			
per kWh	0.065 ¢	0.065 ¢	<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.

\*\*\* Peak Demand hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday.

**(N)**

**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>	\$3,890.00	\$3,840.00	\$5,460.00	(I)
<u>Distribution Charges**</u>				
The sum of the following:				
per kW of Facility Capacity				
First 4,000 kW	\$1.14	\$1.13	\$1.12	(R)
Over 4,000 kW	\$0.83	\$0.82	\$0.81	(R)
per kW of monthly Peak Demand***	\$2.00	\$1.98	\$0.13	(I)(C)
<u>System Usage Charge</u>				
per kWh	0.068 ¢	0.067 ¢	0.066 ¢	(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.

\*\*\* Peak Demand hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday.

(N)



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

**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.

**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>	\$17,200.00	\$17,200.00	(I)
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity			
First 4,000 kW	\$0.95	\$0.95	(R)
Over 4,000 kW	\$0.64	\$0.64	(R)
per kW of monthly Peak Demand***	\$1.98	\$0.13	(I)(C)
<u>System Usage Charge</u>			
per kWh	0.028 ¢	0.028 ¢	(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.

\*\*\* Peak Demand hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday.

(N)

### 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>	7.261 ¢ per kWh	(I)
<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, <https://portlandgeneral.com>

**SCHEDULE 591 (Continued)**

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

Labor Rates	Straight Time	Overtime <sup>(1)</sup>
	\$141.00 per hour	\$184.00 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**

<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 Power Doors **	100	9,500	43	*	\$4.02	\$3.12	(I) (D) (I)(C)   (I)
	400	50,000	163	*		11.84	
Cobrahead, Non-Power Door	70	6,300	30	\$8.29	3.34	2.18	
	100	9,500	43	8.42	4.20	3.12	
	150	16,000	62	*	5.59	4.50	
	200	22,000	79	11.63	6.88	5.74	
	250	29,000	102	12.95	8.54	7.41	
	400	50,000	163	17.50	12.96	11.84	
Flood	250	29,000	102	14.89	8.73	7.41	
	400	50,000	163	19.22	13.13	11.84	
Early American Post-Top	100	9,500	43	9.92	4.36	3.12	
Shoebox (Bronze color, flat Lens, or drop lens, multi-volt)	70	6,300	30	8.09	3.33	2.18	
	100	9,500	43	*	4.33	3.12	
	150	16,000	62	*	5.76	4.50	

\* 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	\$5.61	\$0.19	(I)
Fiberglass, Black or Bronze	30	9.13	0.31	
Fiberglass, Gray	30	9.13	0.31	
Fiberglass, Smooth, Black or Bronze	18	6.01	0.20	
Fiberglass, Regular Black, Bronze, or Gray	18 35	5.06 8.85	0.17 0.30	(I)
Aluminum, Regular with Breakaway Base	25	16.33	0.55	(N)
	30	16.66	0.56	(N)
	35	18.02	0.60	(I)
Aluminum, Smooth, Black, Pendant	23	18.39	0.61	
Wood, Standard	30 to 35	6.82	0.23	
Wood, Standard	40 to 55	7.98	0.27	

**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>	<u>Option C</u>	
Special Acorn-Types HPS	100	9,500	43	\$14.25	\$4.80	\$3.12	(I)
HADCO Victorian, HPS	150	16,000	62		6.19	4.50	(I)(C)
	200	22,000	79		7.28	5.74	(I)(C)
	250	29,000	102	16.94	8.95	7.41	(I)
HADCO Capitol Acorn, HPS	100	9,500	43	16.84	5.07	3.12	
	150	16,000	62	*	6.37	4.50	
	200	22,000	79	*	7.72	*	
Special Architectural Types HADCO Independence, HPS	100	9,500	43	*	4.75	3.12	
	150	16,000	62	*	*	4.50	
HADCO Techtra, HPS	100	9,500	43	*	5.47	*	
	150	16,000	62	23.19	6.93	4.50	
	250	29,000	102	*	9.78	*	
HADCO Westbrooke, HPS	70	6,300	30	14.38	3.95	*	
	100	9,500	43	15.22	4.88	3.12	

\* 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	*	\$6.45	*	(I)
	200	22,000	79	*	6.73	*	(I)
	250	29,000	102	\$19.09	9.15	*	(I)
Special Types							(D)
Option C Only **							
Ornamental Acorn Twin	85	9,600	64	*	*	\$4.65	(I)
Ornamental Acorn	55	2,800	21	*	*	1.52	
Ornamental Acorn Twin	55	5,600	42	*	*	3.05	
Composite, Twin	140	6,815	54	*	*	3.92	
	175	9,815	66	*	*	4.79	(I)

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	\$9.63	\$0.32	(I)
	30	11.00	0.37	
	35	12.68	0.42	
Aluminum Davit	25	10.25	0.34	
	30	11.50	0.38	
	35	13.10	0.44	
	40	16.80	0.56	
Aluminum Double Davit	30	12.72	0.43	
Aluminum, Fluted Ornamental	14	9.01	0.30	(I)

\* 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	\$19.18	\$0.64	(I)	
Aluminum, Fluted Ornamental	16	9.34	0.31		
Aluminum, Double-Arm, Smooth Ornamental	25	15.18	0.51		
Aluminum, Fluted Westbrooke	18	18.06	0.60		
Aluminum, Non-Fluted Ornamental, Pendant	18	17.95	0.60		
Fiberglass, Fluted Ornamental Black	14	11.88	0.40		
Fiberglass, Anchor Base, Gray or Black	35	11.97	0.40		
Fiberglass, Anchor Base (Color may vary)	25	10.74	0.36		
	30	13.05	0.44		(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	*	*	\$4.36	(I)
Cobrahead, Mercury Vapor	100	4,000	39	*	*	2.83	
	175	7,000	66	\$10.08	\$5.86	4.79	
	250	10,000	94	*	*	6.83	
	400	21,000	147	16.53	11.78	10.67	
	1,000	55,000	374	32.90	28.36	27.16	
Holophane Mongoose, HPS	150	16,000	62	*	6.17	*	
	250	29,000	102	*	9.21	*	(I)

\* 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	\$8.62	*	*	(I)
Mercury Vapor	175	7,000	66		\$5.94	\$4.79	(I)(C)
Special box, Anodized Aluminum							
Similar to GardCo Hub							
HPS	70	6,300	30	*	*	2.18	(I)
	150	16,000	62	*	*	4.50	(D)
	250	29,000	102	*	*	7.41	(I)
Metal Halide	250	20,500	99	*	8.14	7.19	
	400	40,000	156	*	12.28	*	
Cobrahead, Metal Halide	175	12,000	71	*	*	5.16	
Flood, Metal Halide	400	40,000	156	17.56	*	11.33	
Special Architectural Types							
KIM SBC Shoebox, HPS	150	16,000	62	*	5.44	4.50	
KIM Archetype, HPS	250	29,000	102	*	9.23	7.41	
	400	50,000	163	*	14.01	11.84	(I)

\* 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 Special GardCo Bronze Alloy	70	6,300	30	\$13.10	\$3.65	*	(I)
HPS	70	5,000	30	*	*	\$2.18	
Mercury Vapor	175	7,000	66	*	*	4.79	
Early American Post-Top, HPS							
Black	70	6,300	30	8.80	3.24	2.18	
Rectangle Type	200	22,000	79	*	*	5.74	
Incandescent	92	1,000	31	*	*	2.25	
	182	2,500	62	*	*	4.50	(I)
Town and Country Post-Top							
Mercury Vapor	175	7,000	66	*	5.89	4.79	(I)(C)
Flood, HPS	100	9,500	43	8.30	4.20	*	(D)
	200	22,000	79	13.06	6.90	5.74	(I)(C)
Special Types Customer-Owned & Maintained							(I)
Ornamental, HPS	100	9,500	43	*	*	3.12	
Twin ornamental, HPS	Twin 100	9,500	86	*	*	6.24	
Compact Fluorescent	28	N/A	12	*	*	0.87	(I)

\* Not offered.



**SCHEDULE 591 (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	\$5.15	*	(I)
Aluminum, Painted Ornamental	35	*	\$0.44	
Aluminum, Regular	16	5.20	0.17	
Concrete, Ornamental	35 or less	9.52	0.32	
Fiberglass, Direct Bury with Shroud	18	7.67	0.26	
Steel, Painted Regular **	25	9.52	0.32	(I)
Steel, Painted Regular **	30	10.85	*	(I)(C)
Steel, Unpainted 6-foot Mast Arm **	30	*	0.36	(I)
Steel, Unpainted 8-foot Mast Arm **	35	*	0.44	
Wood, Laminated without Mast Arm	20	*	0.19	
Wood, Curved Laminated	30	*	0.26	
Wood, Painted Underground	35	6.75	0.23	(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	*	*	\$2.32	(I)
	165	12,000	60	*	*	4.36	(I)
	165	12,000	60	*	5.43	4.36	(I)

**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	1.864 ¢ per kWh	(I)
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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)**

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**

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 7.261 ¢ per kWh (l)

Energy Charge Provided by Electricity Service Supplier

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

Labor Rates	Straight Time	Overtime <sup>(1)</sup>
	\$141.00 per hour	\$184.00 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.

**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	\$5.88	\$0.97	(I)
	>25-30	3,470	9	5.95	1.04	
	>30-35	2,530	11	6.37	1.19	
	>35-40	4,245	13	6.24	1.33	
	>40-45	5,020	15	6.56	1.48	
	>45-50	3,162	16	6.62	1.55	
	>50-55	3,757	18	7.05	1.70	
	>55-60	4,845	20	6.92	1.84	
	>60-65	4,700	21	6.99	1.91	
	>65-70	5,050	23	7.88	2.07	
	>70-75	7,640	25	8.06	2.22	
	>75-80	8,935	26	8.13	2.29	
	>80-85	9,582	28	8.27	2.43	
	>85-90	10,230	30	8.42	2.58	
	>90-95	9,928	32	8.56	2.72	
	>95-100	11,719	33	8.64	2.80	
	100-110	7,444	36	8.66	3.01	
	110-120	12,340	39	9.07	3.23	
	120-130	13,270	43	9.36	3.52	
	130-140	14,200	46	9.97	3.75	
	140-150	15,250	50	12.22	4.08	
	150-160	16,300	53	12.44	4.30	
	160-170	17,300	56	12.66	4.52	
	170-180	18,300	60	12.61	4.80	
	180-190	19,850	63	13.16	5.02	
	190-200	21,400	67	12.62	5.29	(I)
	>200-210	27,033	70	12.91	5.51	(N)
	>210-220	28,535	74	13.98	5.82	
	>220-230	30,017	77	14.20	6.04	
	>230-240	30,800	81	14.49	6.33	
	>240-250	31,507	84	15.21	6.56	(N)

**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	3,262	13	\$14.53	\$1.47	(I)	(I)
	>40-45	3,500	3,500	15	14.68	1.62		
	>45-50	5,488	5,488	16	12.17	1.65		
	>50-55	4,000	4,000	18	14.90	1.84		
	>55-60	4,213	4,213	20	15.04	1.98		
	>60-65	4,273	4,273	21	15.11	2.05		
	>65-70	4,332	4,332	23	14.90	2.20		
	>70-75	4,897	4,897	25	15.41	2.35	(I)	(I)
	>90-75	8,100	8,100	32	15.95	2.89	(N)	(N)
HADCO LED	70	5,120	5,120	24	18.89	2.34	(I)	(I)
Pendant LED (Non-Flared)	36	3,369	3,369	12	15.06	1.41		
	53	5,079	5,079	18	16.63	1.87		
	69	6,661	6,661	24	16.83	2.30		
	85	8,153	8,153	29	17.76	2.68	(I)	(I)
Pendant LED (Flared)	>35-40	3,369	3,369	13	14.56	1.47	(R)	
	>40-45	3,797	3,797	15	15.55	1.64	(I)	
	>45-50	4,438	4,438	16	15.62	1.71	(I)	
	>50-55	5,079	5,079	18	18.52	1.91	(I)	
	>55-60	5,475	5,475	20	15.07	1.98	(R)	
	>60-65	6,068	6,068	21	18.73	2.12	(I)	
	>65-70	6,661	6,661	23	18.00	2.25	(I)	
	>70-75	7,034	7,034	25	15.44	2.35	(R)	
	>75-80	7,594	7,594	26	18.44	2.48	(I)	
>80-85	8,153	8,153	28	18.58	2.62	(I)		
Post-Top, American Revolution LED	>30-35	3,395	3,395	11	7.87	1.22	(R)	
	>45-50	4,409	4,409	16	8.23	1.58	(R)	
Flood LED	>80-85	10,530	10,530	28	9.38	2.45	(I)	
	>120-130	16,932	16,932	43	11.01	3.55	(I)	
	>180-190	23,797	23,797	63	13.66	5.02	(I)	(I)
	>320-330	46,802	46,802	112	21.63	8.69	(N)	(N)
	>330-340	48,692	48,692	116	21.92	8.98		
	>340-350	50,145	50,145	119	22.14	9.20		
	>350-360	51,598	51,598	123	22.43	9.49	(N)	(N)
>370-380	48,020	48,020	127	22.72	9.78	(I)	(I)	

**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>	\$3,890.00	\$3,840.00	\$5,460.00	(I)
<u>Distribution Charges**</u>				
The sum of the following:				
per kW of Facility Capacity				
First 4,000 kW	\$1.14	\$1.13	\$1.12	(R)
Over 4,000 kW	\$0.83	\$0.82	\$0.81	(R)
per kW of monthly Peak Demand***	\$2.00	\$1.98	\$0.13	(I)
<u>System Usage Charge</u>				
per kWh	0.068 ¢	0.067 ¢	0.066 ¢	(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.

\*\*\* Peak Demand hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday.

**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		4.806 ¢ per kWh	Distribution Charge	(I)
15		0.834 ¢ per kWh	Distribution Charge	(I)
32		0.449 ¢ per kWh	Distribution Charge	(I)
38		0.500 ¢ per kWh	Distribution Charge	(I)
47		0.678 ¢ per kWh	Distribution Charge	(I)
49		0.599 ¢ per kWh	Distribution Charge	(I)
75				
	Secondary	0.226 ¢ per kWh	System Usage Charge	(I)
	Primary	0.224 ¢ per kWh	System Usage Charge	(I)
	Subtransmission	0.221 ¢ per kWh	System Usage Charge	(I)
83		0.346 ¢ per kWh	System Usage Charge	(I)
85				
	Secondary	0.273 ¢ per kWh	System Usage Charge	(I)
	Primary	0.270 ¢ per kWh	System Usage Charge	(I)
89				
	Secondary	0.226 ¢ per kWh	System Usage Charge	(I)
	Primary	0.224 ¢ per kWh	System Usage Charge	(I)
	Subtransmission	0.221 ¢ per kWh	System Usage Charge	(I)
90				
	Primary	0.209 ¢ per kWh	System Usage Charge	(I)
	Subtransmission	0.209 ¢ per kWh	System Usage Charge	(I)
91		0.888 ¢ per kWh	Distribution Charge	(R)
92		0.242 ¢ per kWh	Distribution Charge	(I)
95		0.888 ¢ per kWh	Distribution Charge	(R)

**DO NOT BILL**

**SCHEDULE 750 (Concluded)**

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>	
485			
Secondary	0.051 ¢ per kWh	System Usage Charge	
Primary	0.051 ¢ per kWh	System Usage Charge	(R)
489			
Secondary	0.015 ¢ per kWh	System Usage Charge	(R)
Primary	0.015 ¢ per kWh	System Usage Charge	(R)
Subtransmission	0.014 ¢ per kWh	System Usage Charge	(R)
490			
Primary	0.012 ¢ per kWh	System Usage Charge	(I)
Subtransmission	0.012 ¢ per kWh	System Usage Charge	(I)
491	0.703 ¢ per kWh	Distribution Charge	(R)
492	0.040 ¢ per kWh	Distribution Charge	(R)
495	0.703 ¢ per kWh	Distribution Charge	(R)
515	0.642 ¢ per kWh	Distribution Charge	(I)
532	0.214 ¢ per kWh	Distribution Charge	(I)
538	0.272 ¢ per kWh	Distribution Charge	(I)
549	0.328 ¢ per kWh	Distribution Charge	(I)
575			
Secondary	0.015 ¢ per kWh	System Usage Charge	(R)
Primary	0.015 ¢ per kWh	System Usage Charge	(R)
Subtransmission	0.014 ¢ per kWh	System Usage Charge	
583	0.115 ¢ per kWh	System Usage Charge	(I)
585			
Secondary	0.051 ¢ per kWh	System Usage Charge	(I)
Primary	0.051 ¢ per kWh	System Usage Charge	(I)
589			
Secondary	0.015 ¢ per kWh	System Usage Charge	(R)
Primary	0.015 ¢ per kWh	System Usage Charge	(R)
Subtransmission	0.014 ¢ per kWh	System Usage Charge	(R)
590			
Primary	0.012 ¢ per kWh	System Usage Charge	(I)
Subtransmission	0.012 ¢ per kWh	System Usage Charge	(I)
591	0.703 ¢ per kWh	Distribution Charge	(R)
592	0.040 ¢ per kWh	Distribution Charge	(R)
595	0.703 ¢ per kWh	Distribution Charge	(R)
689			
Secondary	0.015 ¢ per kWh	System Usage Charge	(R)
Primary	0.015 ¢ per kWh	System Usage Charge	(R)
Subtransmission	0.014 ¢ per kWh	System Usage Charge	(R)

DO NOT BILL



## RULE C (Continued)

### Short Term Emergency Curtailment (Continued)

The Company's Curtailment Plan and underlying operating procedures include, but are not limited to, steps for implementing rotating outages. During rotating outages the Company would discontinue Electricity Service to a specific number of circuits for approximately one-hour periods. If, after the first hour, system integrity were still in jeopardy, the circuits initially curtailed would have service restored while a second block of circuits would simultaneously have service discontinued. This cycle would continue until the Company determined that system emergency conditions no longer existed. Facilities deemed necessary to public health, safety and welfare are excluded from the rotating outage, as well as feeders serving Customers participating in the Schedule 88, Load Reduction Program.

During system emergencies, Customers having their own generation facilities or access to Electricity from non-utility power sources may choose to use energy from those other sources. The Company will not initiate its Curtailment Plan to avoid the purchase of high priced power. The Curtailment Plan is periodically updated and submitted to the Commission.

### C. Limitation of Liability

The Company and its authorized contractors are not liable to Customers, ESSs or any other person or entity for any interruption, suspension, curtailment or fluctuation in Electricity Service, or for any loss or damage caused thereby, resulting from:

(C)

- 1) Causes beyond the Company's reasonable control;
- 2) Repair, maintenance, improvement, renewal, or replacement of Facilities, or any discontinuance of service that the Company determines is necessary to permit repairs or changes to its Facilities or to eliminate the possibility of injuries to persons or damage to the Company's property or property of others. To the extent practical, such work will be done in a manner that will minimize inconvenience to the Customer, and whenever practical and applicable, the Customer will be given reasonable notice of such work, repairs, or changes;
- 3) An ESS's failure to abide by the terms of the ESS Service Agreement or the Tariff; Automatic or manual actions taken by the Company, including but not limited to Emergency Curtailments, that in its opinion, are necessary or prudent to protect the performance, integrity, reliability, or stability of the Company's electrical system or any electrical system with which it is interconnected; and
- 4) Actions taken by the Company to curtail Electricity use at times of anticipated resource deficiency in accordance with the applicable provisions of this Tariff.