



**Portland General Electric Company**  
Legal Department  
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**Douglas C. Tingey**  
Assistant General Counsel

April 24, 2006

*Via Messenger*

Oregon Public Utility Commission  
Attention: Filing Center  
PO Box 2148  
Salem OR 97308-2148

Re: In the Matter of the Revised Rate Schedules filed by PORTLAND GENERAL  
ELECTRIC COMPANY  
OPUC Docket No. UE \_\_\_\_\_

Attention Filing Center:

Enclosed for filing on behalf of Portland General Electric are the following documents:

- Motion for Waiver of OAR 860-022-0017: Expedited Consideration Requested;  
and
- Motion to Consolidate with Docket UE 180.

Thank you in advance for your assistance.

Sincerely,

/s/ DOUGLAS C. TINGEY

DCT:am  
Enclosures

cc: UE 180 Service List

1 **Q. What is your name and position with Portland General Electric?**

2 A. My name is Pamela G. Lesh. I am PGE's Vice President, Rates and Regulatory Affairs and  
3 Strategic Planning. My qualifications appear at the end of this testimony.

**Q. What is the purpose of this filing?**

4 A. The tariffs submitted in this filing (and described in Exhibit 300) incorporate additional  
5 revenue requirements of approximately \$45 million associated with PGE's Port Westward  
6 Generating Plant which we currently expect to begin commercial operation about March 1,  
7 2007.

**Q. Was Port Westward discussed in PGE's general rate case (Docket UE 180) that was  
filed on March 15, 2006?**

8 A. Yes. We discussed in detail the events that led up to our decision to construct Port  
9 Westward, our actions to ensure that its costs are reasonable and prudent, and our  
10 expectations regarding its total cost and availability.

**Q. Why then, are you making this separate filing?**

11 A. Because the expected on-line date of Port Westward is after the anticipated conclusion of  
12 UE 180, the tariffs filed in that docket did not include the revenue requirement effect of Port  
13 Westward. This filing provides the "all-in" proposed rates. While our legal counsel has  
14 advised us that our UE 180 filing is sufficient for the Commission to authorize a subsequent  
15 increase to recognize Port Westward, we are making this filing to ensure that no outstanding  
16 issues remain. We are requesting that the Commission consolidate this docket with UE 180  
17 in order to allow the Commission and parties to focus their efforts in one docket.

**Q. What other testimony is PGE presenting in this filing?**

1 A. PGE is presenting two other pieces of direct testimony:

2 Exhibit 200 summarizes the annualized net change in revenue requirement resulting  
3 from Port Westward. It uses, as its base, the 2007 test year and revenue requirements  
4 presented in UE 180.

5 Exhibit 300 presents and explains PGE's proposed tariff which, again, is based on the  
6 proposed rates and cost studies of UE 180 adjusted for the additional revenue requirements.

7 In addition, we incorporate by reference our direct testimony, exhibits and work papers  
8 filed in UE 180.

**Q. Ms. Lesh, please describe your qualifications.**

9 A. I received a BA degree from Washington State University in 1978. I received my J.D. from  
10 the University of Washington School of Law in 1981. I was employed by Portland General  
11 Electric from 1986 to 1997, becoming Vice President, Rates & Regulatory Affairs in  
12 October of 1996. In June 1997, I became Vice President of Strategy at Connex, Inc., where  
13 I supervised product management staff and strategic alliances as well as negotiating client  
14 contracts. In January 1999, I returned to PGE as Vice President, Rates & Regulatory  
15 Affairs.

**Revenue Requirement**

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**I. Introduction and Summary**

1 **Q. Please state your names and positions with PGE.**

2 A. My name is L. Alex Tooman. I am a project manager for PGE. I am responsible, along  
3 with Mr. Tinker, for the development of PGE's revenue requirement forecast. In addition,  
4 my areas of responsibility include affiliated interest filings, results of operations reporting,  
5 and other regulatory analyses.

6 My name is Jay Tinker. I am also a project manager for PGE. My areas of  
7 responsibility include revenue requirement analyses and other regulatory analyses.

8 Our qualifications appear at the end of this testimony.

9 **Q. What is the purpose of your testimony?**

10 A. We present PGE's approximate \$45 million Port Westward revenue requirement. On an  
11 average first year rate base of \$278 million, this revenue requirement will allow PGE an  
12 opportunity to earn an 8.97% overall rate of return and a 10.75% return on average common  
13 equity. PGE Exhibit 201 summarizes the Port Westward revenue requirement.

14 **Q. When do you expect Port Westward to become operational?**

15 A. We currently expect Port Westward to be on-line March 1, 2007. Our revenue requirement  
16 request represents the annualized revenue requirement of Port Westward. We do not expect  
17 the proposed prices to go into effect until the commercial on-line date of the plant.

## II. Port Westward Costs

1 **Q. What is the forecast of total capital expenditures for Port Westward?**

2 A. PGE forecasts \$285 million in total capital expenditures for Port Westward, including  
3 Allowance for Funds Used during Construction (AFDC) and capitalized gas transportation  
4 costs.

5 **Q. Did you develop an average rate base balance for Port Westward?**

6 A. Yes. We developed an average first year rate base balance for Port Westward by taking half  
7 of the first year book depreciation and half of the first year accrual for deferred taxes and  
8 deducting those figures from the total \$285 million of capital expenditures, yielding a first  
9 year net plant-in-service average balance of \$278 million.

10 **Q. How did you establish the revenue requirement associated with these capital costs?**

11 A. We used the capital structure and financing costs described in UE 180, Exhibit 1100, to  
12 develop the return requirements associated with this investment. We also used the income  
13 tax rates described in UE 180, Exhibit 200, to develop the income tax effect of Port  
14 Westward's return requirements.

15 **Q. What is the forecast first year book depreciation for Port Westward?**

16 A. We forecast first year book depreciation of approximately \$10.7 million, given Port  
17 Westward's depreciable life of 28 years. This estimate is based on depreciation parameters  
18 as filed in PGE's depreciation study, docketed as UM 1233.

19 **Q. What is your estimate of first year O&M for Port Westward?**

20 A. We estimate \$8.8 million in first year O&M costs, which represents the cost of a long-term  
21 service agreement (LTSA) for major maintenance and an additional 17 full-time employees.

22 **Q. What additional costs are included in the Port Westward revenue requirement?**

1 A. Franchise fees and bad debt costs are added to the revenue requirement at the rates  
2 supported in UE 180, Exhibit 200.

3 **Q. Have you included property taxes associated with the Port Westward investment?**

4 A. No. Columbia County granted Port Westward a five-year property tax holiday. For the first  
5 three years of operation, the property tax rate for Port Westward is zero. Afterward, PGE  
6 will make half payments for an additional two years. As a result, we have excluded property  
7 taxes from Port Westward’s revenue requirement.

8 **Q. Please summarize the fixed revenue requirement of Port Westward.**

9 A. Table 1 below summarizes the \$57 million fixed revenue requirement of Port Westward,  
10 before consideration of the impact of Port Westward on PGE’s Net Variable Power Costs  
11 (NVPC).

Table 1  
Port Westward Fixed Revenue Requirement (\$000s)

<u>Item</u>	<u>\$000s</u>
Return Requirements	\$35,946
Book Depreciation	\$10,667
O&M	\$ 8,755
Franchise Fees / Bad Debt	<u>\$ 1,289</u>
Total Fixed Revenue Req.	\$56,657

12 **Q. How did you determine the impact of Port Westward on PGE’s Net Variable Power**  
13 **Costs?**

14 A. We determined the dispatch benefits of Port Westward by running our power cost model  
15 (Monet) for 2007 both without Port Westward and with Port Westward assuming a March 1,  
16 2007, on-line date. We then annualized the dispatch benefits by multiplying the 10-month  
17 dispatch benefit by the ratio of 12-month loads to 10-month loads. With the Monet runs

1 filed in UE 180, this results in an estimated annual dispatch benefit of Port Westward of  
2 \$11.7 million. Netting this annualized dispatch benefit against the annualized fixed revenue  
3 requirement from Table 1 above yields the net revenue requirement of \$45 million for Port  
4 Westward.

5 **Q. Why did you annualize the dispatch benefits of Port Westward as described above?**

6 A. We annualized the dispatch benefits of Port Westward to put them on a comparable basis  
7 with the fixed revenue requirement, which is also calculated on an annual basis. In addition,  
8 our method to annualize the dispatch benefits results in a fair recovery of expected 2007  
9 NVPC.

10 **Q. Are these estimates subject to change?**

11 A. Yes. The dispatch benefits are derived on forward curves for gas and electricity in February  
12 2006. The dispatch benefits of Port Westward should be re-estimated closer to the on-line  
13 date of the plant. In addition, if the on-line date moves, the dispatch benefits should be re-  
14 estimated to reflect the change.

15 **Q. Were the costs of Port Westward described in UE 180?**

16 A. Yes. Port Westward costs are described in Exhibit 200 (pgs. 27-28) and Exhibit 300 (pgs.  
17 35-50).

**III. Qualifications**

1 **Q. Mr. Tooman, please state your educational background and experience.**

2 A. I received a Bachelor of Science degree in Accounting and Finance from Ohio State  
3 University in 1976. I received a Master of Arts degree in Economics from the University of  
4 Tennessee in 1993 and a Ph.D. in Economics from the University of Tennessee in 1995. I  
5 have taught economics at the undergraduate level for the University of Tennessee,  
6 Tennessee Wesleyan College, Western Oregon University, and Linfield College. I have  
7 worked for PGE in the Rates and Regulatory Affairs Department since 1996.

8 **Q. Mr. Tinker, please state your educational background and experience.**

9 A. I received a Bachelor of Science degree in Finance and Economics from Portland State  
10 University in 1993 and a Master of Science degree in Economics from Portland State  
11 University in 1995. In 1999, I obtained the Chartered Financial Analyst (CFA) designation.  
12 I have worked in the Rates and Regulatory Affairs department since joining PGE in 1996.

13 **Q. Does this conclude your testimony?**

14 A. Yes.

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**List of Exhibits**

<b><u>Exhibit</u></b>	<b><u>Description</u></b>
201	Results of Operations Summary

**Portland General Electric Company**  
**Port Westward Revenue Requirement**  
**Dollars in \$000s**

	<i>UE-180</i> 2007 Before Port Westward (1)	Port Westward (2)	Results with Port Westward (3)	Additional Rev for RROE (4)	<i>UE-180</i> Results with Port Westward (5)
1 Sales to Consumers	1,644,624		1,644,624	44,911	1,689,536
2 Sales for Resale	-		-		-
3 Other Revenues	17,728		17,728		17,728
4 Total Operating Revenues	1,662,352	-	1,662,352	44,911	1,707,263
5 Net Variable Power Costs	856,968	(11,746)	845,222		845,222
6 Production O&M (excludes Trojan)	71,970	8,440	80,410		80,410
7 Trojan O&M	218		218		218
8 Transmission O&M	10,279		10,279		10,279
9 Distribution O&M	60,336		60,336		60,336
10 Customer & MBC O&M	60,015		60,015		60,015
11 Uncollectibles Expense	8,717	-	8,717	238	8,955
12 A&G, Ins/Bene., & Gen. Plant	109,785	315	110,100		110,100
13 Total Operating & Maintenance	1,178,288	(2,991)	1,175,298	238	1,175,536
14 Depreciation	154,384	10,667	165,050		165,050
15 Amortization	18,848		18,848		18,848
16 Property Tax	34,674	-	34,674		34,674
17 Payroll Tax	11,592		11,592		11,592
18 Other Taxes	1,231		1,231		1,231
19 Franchise Fees	38,484	-	38,484	1,051	39,535
20 Utility Income Tax	68,111	(6,216)	61,894	17,133	79,027
21 Total Operating Expenses & Taxes	1,505,612	1,460	1,507,072	18,422	1,525,494
22 <b>Utility Operating Income</b>	156,740	(1,460)	155,280	26,489	181,769
	156,740				181,769
23 <b>Average Rate Base</b>					
24 Avg. Gross Plant	4,316,780	285,205	4,601,985		4,601,985
25 Avg. Accum. Deprec. / Amort	(2,463,112)	(5,333)	(2,468,445)		(2,468,445)
26 Avg. Accum. Def Tax	(205,677)	(1,758)	(207,435)		(207,435)
27 Avg. Accum. Def ITC	(5,005)		(5,005)		(5,005)
28 <b>Avg. Net Utility Plant</b>	1,642,987	278,114	1,921,100	-	1,921,100
29 Misc. Deferred Debits	4,689		4,689		4,689
30 Operating Materials & Fuel	50,176		50,176		50,176
31 Misc. Deferred Credits	(28,082)		(28,082)		(28,082)
32 Working Cash	78,292	76	78,368	958	79,326
33 <b>Average Rate Base</b>	1,748,061	278,189	2,026,251	958	2,027,208
34 <b>Rate of Return</b>	8.966%		7.663%		8.966%
35 <b>Implied Return on Equity</b>	10.750%		8.421%		10.750%

**Portland General Electric Company**  
**Port Westward Revenue Requirement**  
**Dollars in \$000s**

	<i>UE-180</i> 2007 Before Port Westward	Port Westward	Results with Port Westward	Additional Rev for RROE	<i>UE-180</i> Results with Port Westward
36 Effective Cost of Debt	6.689%	6.689%	6.689%	6.689%	6.689%
37 Effective Cost of Preferred	8.432%	8.432%	8.432%	8.432%	8.432%
38 Debt Share of Cap Structure	43.752%	43.752%	43.752%	43.752%	43.752%
39 Preferred Share of Cap Structure	0.291%	0.291%	0.291%	0.291%	0.291%
40 Weighted Cost of Debt	2.927%	2.927%	2.927%	2.927%	2.927%
41 Weighted Cost of Preferred	0.025%	0.025%	0.025%	0.025%	0.025%
42 Equity Share of Cap Structure	55.957%	55.957%	55.957%	55.957%	55.957%
43 State Tax Rate	6.617%	6.617%	6.617%	6.617%	6.617%
44 Federal Tax Rate	35.000%	35.000%	35.000%	35.000%	35.000%
45 Composite Tax Rate	39.301%	39.301%	39.301%	39.301%	39.301%
46 Bad Debt Rate	0.530%	0.530%	0.530%	0.530%	0.530%
47 Franchise Fee Rate	2.340%	2.340%	2.340%	2.340%	2.340%
48 Working Cash Factor	5.200%	5.200%	5.200%	5.200%	5.200%
49 Gross-Up Factor	1.647	1.647	1.647	1.647	1.647
50 ROE Target	10.750%	10.750%	10.750%	10.750%	10.750%
51 Grossed-Up COC	12.877%	12.877%	12.877%	12.877%	12.877%
Utility Income Taxes					
52 Book Revenues	1,662,352	-	1,662,352	44,911	1,707,263
53 Book Expenses	1,437,502	7,676	1,445,178	1,289	1,446,467
54 Interest Deduction	51,158	8,141	59,299	28	59,328
55 Production Deduction	4,017	-	4,017	-	4,017
56 Permanent Ms	(7,623)	-	(7,623)	-	(7,623)
57 Deferred Ms	(30,787)	8,947	(21,840)	-	(21,840)
58 Taxable Income	208,085	(24,764)	183,321	43,594	226,915
59 State Taxes	13,768	(1,639)	12,130	2,884	15,014
60 State Tax Credits	(166)	-	(166)	-	(166)
61 Net State Taxes	13,602	(1,639)	11,964	2,884	14,848
62 Federal Taxable Income	194,483	(23,126)	171,357	40,710	212,067
63 Federal Taxes	68,069	(8,094)	59,975	14,248	74,224
64 ITC Amort	(1,461)	-	(1,461)	-	(1,461)
65 Deferred Taxes	(12,099)	3,516	(8,583)	-	(8,583)
66 Total Income Tax Expense	68,111	(6,216)	61,894	17,133	79,027
67 Effective Tax Rate	39.21%	39.30%	39.20%	39.30%	39.23%
68 Regulated Net Income	105,153		95,483		121,945

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**I. Introduction**

1 **Q. Please state your names and positions.**

2 A. My name is Doug Kuns. I am the Manager of Pricing and Tariffs within the Rates  
3 and Regulatory Affairs Department. My qualifications are described at the end of  
4 this testimony.

5 My name is Marc Cody. I am a Senior Analyst in the Pricing and Tariffs  
6 Department. My qualifications are described at the end of this testimony

7 **Q. What is the purpose of your testimony?**

8 A. This testimony and accompanying exhibits demonstrate how we allocate and price  
9 the annualized Port Westward generating station test period revenue requirement of  
10 \$44.9 million. We anticipate Port Westward will be operational March 1, 2007, at  
11 which time the proposed prices become effective, subject to Commission approval.  
12 We also provide an estimate of the overall effect on customer bills and in Exhibit  
13 301, the tariff sheets that incorporate the Port Westward-related price changes. The  
14 \$44.9 million revenue requirement and the allocation methods described below are  
15 the same as presented in UE 180, Exhibit 1300, page 40.

16 **Q. Please unbundle the \$44.9 million revenue requirement into its functional  
17 categories.**

18 A. As described in Exhibit 200, the Port Westward revenue requirement is assigned to  
19 the following functions: production \$41.4 million; transmission \$2.4 million; and  
20 distribution (primarily franchise fees) \$1.1 million. Because the other customer  
21 services functions increase by only \$1,000, we add this amount to distribution for  
22 allocation purposes.

1 **Q. Please describe how you allocate and price the \$41.4 million production revenue**  
2 **requirement.**

3 A. We allocate the production revenue requirement based on each rate schedule's  
4 marginal cost, which we define as the cost of meeting each rate schedule's energy  
5 requirements delivered to the meter. Consistent with UE 180, we calculate each rate  
6 schedule's percent contribution to total marginal costs and allocate the \$41.4 million  
7 production revenue requirement based on the respective percent contributions. After  
8 allocating to the rate schedules, we price the incremental revenue requirement by  
9 dividing the allocated revenue requirement by the appropriate volumetric billing  
10 determinant (MWhs). Exhibit 302 summarizes this process and contains the  
11 incremental Port Westward production prices. We add these incremental prices to  
12 the energy prices determined in our UE 180 direct testimony.

13 **Q. How do you allocate the \$2.4 million transmission revenue requirement?**

14 A. We allocate the Port Westward-related transmission revenue requirement in the same  
15 manner as in UE 180, on a 12 coincident peak basis. After performing this allocation  
16 we then add the allocated amounts to the transmission and ancillary service  
17 allocations determined in UE 180. We then divide the total allocated amounts by the  
18 appropriate billing determinant, either energy or demand in order to determine each  
19 schedule's appropriate price.

20 **Q. Please describe how you allocate and price the \$1.1 million distribution revenue**  
21 **requirement.**

22 A. Because the \$1.1 million is primarily franchise fee related, we allocate this on the  
23 basis of each schedule's percent of base revenues as determined in UE 180. We then

1 add each schedule's respective allocation to their system usage revenues determined  
2 in UE 180. We then divide this sum by the projected 2007 annual energy usage to  
3 determine the price for each schedule. As in UE 180, the system usage charge is an  
4 adder to the distribution charge for some schedules and for other schedules it is  
5 separately stated.

6 **Q. Have you prepared an exhibit that summarizes the allocations and prices**  
7 **described above?**

8 A. Yes, Exhibit 302 summarizes the allocation process and the determination of  
9 functionalized prices by rate schedule. Page 1 shows the calculation of the \$44.9  
10 million total and the three allocation components. Pages 2 and 3 summarize by rate  
11 schedule and by function the prices before and after the allocation of the \$44.9  
12 million. Pages 4 through 6 summarize the allocation of the Port Westward  
13 production, transmission and distribution revenue requirement respectively.

14 **Q. Have you provided an estimate of Schedule 128 transition adjustments with**  
15 **Port Westward included in rates?**

16 A. Yes, page 7 of Exhibit 302 provides estimates of Schedule 128 transition adjustments  
17 both with and without Port Westward. These transition adjustments are calculated in  
18 the same manner as proposed in UE 180 and are also summarized in PGE Exhibit  
19 1304 page 12 from the UE 180 docket.

20 **Q. Please describe the estimated rate impacts resulting from the March 1, 2007**  
21 **Port Westward rate change.**

22 A. Table 1 below summarizes the rate impacts based on the prices contained in Exhibit  
23 301 compared to the prices proposed in UE 180. The first column contains the

1 estimated percentage changes in base rates. The second column contains the  
2 estimated percentage rate changes with all supplemental schedules except the  
3 Schedule 115, Low-Income Adjustment (LIA), and the Schedule 108, Public Purpose  
4 Charge (PPC). PGE Exhibit 303 contains additional detail for most of our schedules.

**Table 1 Estimated Rate Impacts**

	Estimated Rate Change (%) <u>(base rates)</u>	Estimated Rate Change (%) <u>(w/all supplementals)*</u>
Residential	2.3%	2.7%
Schedule 32	2.5%	2.5%
Schedule 83/89	3.2%	3.2%
Overall	2.7%	2.9%

\* includes all supplemental schedules except LIA & PPC.

## II. Qualifications

1 **Q. Mr. Cody, please state your educational background and qualifications.**

2 A. I received a Bachelor of Arts degree and a Master of Science degree from Portland  
3 State University. Both degrees are in Economics. The Master of Science degree has  
4 a concentration in econometrics and industrial organization.

5 Since joining PGE in 1996, I have worked as an analyst in the Rates and  
6 Regulatory Affairs Department. My duties at PGE have focused on cost of capital  
7 estimation, marginal cost of service, rate spread and rate design.

8 **Q. Mr. Kuns, please state you educational background and qualifications.**

9 A. I graduated from Linfield College in 1973 with a Bachelor of Arts in Economics. I  
10 received a Master in Business Administration degree from Claremont Graduate  
11 School.

12 In 1979, I joined PGE in the Rates and Regulatory Affairs Department and have  
13 held various positions in the regulatory, marketing and planning areas. My current  
14 position is Manager of Pricing and Tariffs.

15 **Q. Does this conclude your testimony?**

16 A. Yes, it does.

List of Exhibits

<b><u>PGE Exhibit</u></b>	<b><u>Description</u></b>
301	Proposed Tariff
302	Allocations and Pricing
303	Estimated Impact of Proposed Changes on Customers

Portland General Electric Company  
P.U.C. Oregon No. E-18

First Revision of Sheet No. 7-1  
Canceling Original Sheet No. 7-1

**SCHEDULE 7  
RESIDENTIAL SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Residential Customers.

**MONTHLY RATE**

The sum of the following charges per Point of Delivery (POD)\*:

<u>Basic Charge</u>			
Single Phase Service	\$10.00		
Three Phase Service	\$13.00		
<u>Transmission and Related Services Charge</u>	0.212	¢ per kWh	(I)
<u>Distribution Charge</u>	3.130	¢ per kWh	(I)
<u>Energy Charge</u>			
Standard Service	5.891	¢ per kWh	(I)
or			
<u>Time-of-Use (TOU) Portfolio Option (enrollment is necessary)</u>			
On-Peak Period	10.150	¢ per kWh	(I)
Mid-Peak Period	5.891	¢ per kWh	(I)
Off-Peak Period	3.383	¢ per kWh	(I)
<u>Nonstandard Metering Charge (applicable to TOU)</u>			
Single Phase meter	\$1.00		
Three Phase meter	\$4.25		

\* See Schedule 100 for applicable adjustments.

Advice No. 06-10  
Issued April 24, 2006  
Pamela Grace Lesh, Vice President

Effective for service  
on and after May 24, 2006

Portland General Electric Company  
P.U.C. Oregon No. E-18

First Revision of Sheet No. 15-1  
~~Canceling Original Sheet No. 15-1~~

**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>	0.103	¢ per kWh	(I)
<u>Distribution Charge</u>	3.489	¢ per kWh	(I)
<u>Cost of Service Energy Charge</u>	5.570	¢ per kWh	(I)

Portland General Electric Company  
P.U.C. Oregon No. E-18

First Revision of Sheet No. 15-2  
Canceling Original Sheet No. 15-2

**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 <sup>(1)</sup> Per Luminaire</u>	
Cobrahead					
Mercury Vapor	175	7,000	67	\$12.45 <sup>(2)</sup>	(l)
	400	21,000	149	20.11 <sup>(2)</sup>	
	1,000	55,000	379	42.09 <sup>(2)</sup>	
HPS	70	6,300	31	8.96 <sup>(2)</sup>	
	100	9,500	43	10.16	
	150	16,000	63	12.02	
	200	22,000	80	14.06	
	250	29,000	103	16.22	
	310	37,000	125	19.05 <sup>(2)</sup>	
	400	50,000	165	21.93	
Flood, HPS	100	9,500	43	10.57	
	200	22,000	80	14.13 <sup>(2)</sup>	
	250	29,000	103	16.52	
	400	50,000	165	22.23	
Shoebox (bronze color; HPS flat lens or drop lens, multi-volt)	100	9,500	43	11.10	
	150	16,500	63	13.24	
Special Acorn Type HPS	100	9,500	43	14.04	
	150	16,500	63	15.56	
	200	22,000	80	17.12	
	250	29,000	103	19.38	
Early American Post-Top HPS Black	100	9,500	43	11.09	
Special Types					
Cobrahead, Metal Halide	175	12,000	72	13.02	
Flood, Metal Halide	400	40,000	158	21.53	
Flood, HPS	750	105,000	289	36.26	

(1) See Schedule 100 for applicable adjustments.  
(2) No new service.

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First Revision of Sheet No. 15-3  
Canceling Original Sheet No. 15-3

**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 (Continued)						
HADCO Independence	100	9,500	43	\$13.13	(l)	
Early American	150	16,000	63	14.98		
HADCO Techtra HPS	100	9,500	43	20.78		
	150	16,000	63	22.63		
	250	29,000	103	33.35		
KIM Archetype HPS	250	29,000	103	20.88		
	400	50,000	165	26.38		
Holophane Mongoose, HPS	150	16,000	63	14.41		
	250	29,000	103	18.17		
	400	50,000	165	23.90		(l)

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	\$ 6.30
	55 or less	7.91
Wood, Painted for Underground	35 or less	7.37 <sup>(3)</sup>
Wood, Curved Laminated	30 or less	9.15 <sup>(3)</sup>
Aluminum, Regular	16	7.79
	25	12.68
	30	13.71
	35	15.10
Aluminum, Fluted Ornamental	14	14.82

(1) See Schedule 100 for applicable adjustments.

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

(3) No new service.

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First Revision of Sheet No. 32-1  
Canceling Original Sheet No. 32-1

**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 Point of Delivery (POD)\*:

<u>Basic Charge</u>			
Single Phase Service	\$12.00		
Three Phase Service	\$16.00		
<u>Transmission and Related Services Charge</u>	0.230	¢ per kWh	(I)
<u>Distribution Charge</u>			
First 5,000 kWh	3.079	¢ per kWh	(I)
Over 5,000 kWh	0.571	¢ per kWh	(I)
<u>Energy Charge</u>			
Standard Service	5.818	¢ per kWh	(I)
or			
<u>Time-of-Use (TOU) Portfolio Option (enrollment is necessary)</u>			
On-Peak Period	9.899	¢ per kWh	(I)
Mid-Peak Period	5.818	¢ per kWh	
Off-Peak Period	3.299	¢ per kWh	(I)
<u>Nonstandard Metering Charge (applicable to TOU)</u>			
Single Phase meter	\$2.35		
Three Phase meter	\$4.25		

\* See Schedule 100 for applicable adjustments.

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First Revision of Sheet No. 38-1  
Canceling Original Sheet No. 38-1

**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 voltage with a monthly Demand that does not exceed 200 kW more than once in the preceding 13 months; or 2) who were receiving service on Schedule 38 as of December 31, 2006.

**MONTHLY RATE**

The sum of the following charges per Point of Delivery (POD)\*:

<u>Basic Charge</u>			
Single Phase Service	\$20.00		
Three Phase Service	\$25.00		
<u>Transmission and Related Services Charge</u>	0.091	¢ per kWh	(I)
<u>Distribution Charge</u>	3.411	¢ per kWh	(I)
<u>Energy Charge**</u>			
On-Peak Period	6.306	¢ per kWh	(I)
Off-Peak Period	5.408	¢ per kWh	(I)

\* See Schedule 100 for applicable adjustments.

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

**MINIMUM CHARGE**

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

**REACTIVE DEMAND**

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

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Pamela Grace Lesh, Vice President

Effective for service  
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Portland General Electric Company  
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First Revision of Sheet No. 47-1  
 Canceling Original Sheet No. 47-1

**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.

**MONTHLY RATE**

The sum of the following charges per Point of Delivery (POD)\*:

<u>Basic Charge</u>			
Summer Months**	\$25.00		
Winter Months**	No Charge		
<u>Transmission and Related Services Charge</u>	0.194	¢ per kWh	(l)
<u>Distribution Charge</u>			
First 50 kWh per kW of Demand	3.720	¢ per kWh	(l)
Over 50 kWh per kW of Demand	1.720	¢ per kWh	(l)
<u>Energy Charge***</u>	5.291	¢ per kWh	(l)

\* 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.

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First Revision of Sheet No. 49-1  
Canceling Original Sheet No. 49-1

**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.

**MONTHLY RATE**

The sum of the following charges per Point of Delivery (POD)\*:

<u>Basic Charge</u>			
Summer Months**	\$30.00		
Winter Months**	No Charge		
<u>Transmission and Related Services Charge</u>	0.193	¢ per kWh	(I)
<u>Distribution Charge</u>			
First 50 kWh per kW of Demand	3.005	¢ per kWh	(I)
Over 50 kWh per kW of Demand	1.005	¢ per kWh	(I)
<u>Energy Charge***</u>	5.256	¢ per kWh	(I)

\* 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.

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Portland General Electric Company  
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Canceling Original Sheet No. 75-1

**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 1 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 Point of Delivery (POD)\*:

	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
	\$130.00	\$230.00	\$1,000.00	
<u>Basic Charge</u>				
<u>Transmission and Related Services Charge</u> per kW of monthly On-Peak Demand	\$0.70	\$0.70	\$0.70	(I)
<u>Distribution Charges</u> The sum of the following: per kW of Facility Capacity				
First 1,000 kW	\$2.33	\$2.17	\$2.17	
Over 1,000 kW	\$0.40	\$0.24	\$0.24	
per kW of monthly On-Peak Demand	\$2.45	\$2.45	\$1.28	
<u>Generation Contingency Reserves Charges</u>				
Spinning Reserves per kW of Reserved Capacity > 1,000 kW	\$0.234	\$0.234	\$0.234	
Supplemental Reserves per kW of Reserved Capacity > 1,000 kW	\$0.234	\$0.234	\$0.234	
<u>System Usage Charge</u> per kWh	0.211 ¢	0.190 ¢	0.182 ¢	(I)
<u>Energy Charge</u> per kWh	See Energy Charge Below			

\* See Schedule 100 for applicable adjustments.

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First Revision of Sheet No 76R-1  
Canceling Original Sheet No. 76R-1

**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>Transmission and Related Services Charge</u>		
per kW of Daily Economic Replacement Power (ERP)		
On-Peak Demand per day	\$0.027	(I)
<u>Daily ERP Demand Charge</u>		
	<u>Delivery Voltage</u>	
	<u>Secondary and</u>	<u>Subtransmission</u>
	<u>Primary</u>	
per kW of Daily ERP Demand during		
On-Peak hours per day*	\$0.095	\$0.050
<u>System Usage Charge</u>		
per kWh of ERP		0.182 ¢ (I)
<u>Transaction Fee</u>		
per Energy Needs Forecast (ENF)		\$50.00
<u>Energy Charge**</u>		
per kWh of ERP	See below for ERP Pricing	

\* 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.

\*\* See Schedule 100 for applicable adjustments.

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First Revision of Sheet No. 83-1  
Canceling Original Sheet No. 83-1

**SCHEDULE 83  
LARGE NONRESIDENTIAL  
STANDARD SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customers whose Demand has not exceeded 1,000 kW more than once in the preceding 13 months, or with seven months or less of service has had a Demand not exceeding 1,000 kW. (C)

**MONTHLY RATE**

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

	<u>Delivery Voltage</u>		
	<u>Secondary</u>	<u>Primary</u>	
<u>Basic Charge</u>			
Single Phase Service	\$20.00		
Three Phase Service	\$25.00	\$90.00	
<u>Transmission and Related Services Charge</u>			
per kW of monthly Demand	\$0.70	\$0.70	(I)
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity	\$2.29	\$2.11	
per kW of monthly Demand			
First 30 kW of Demand	\$2.07	\$2.07	
Over 30 kW of Demand	\$2.64	\$2.64	
<u>Energy Charge</u>			
Cost of Service Option per kWh	5.755 ¢	5.548 ¢	(I)
See below for Daily or Monthly Pricing Option descriptions.			
<u>System Usage Charge</u>			
per kWh	0.221 ¢	0.210 ¢	(I)

\* See Schedule 100 for applicable adjustments.

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

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First Revision of Sheet No. 89-1  
Canceling Original Sheet No. 89-1

**SCHEDULE 89  
LARGE NONRESIDENTIAL (>1,000kW)  
STANDARD SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customer whose Demand has exceeded 1,000 kW at least twice within the preceding 13 months, or with seven months or less of service has had a Demand exceeding 1,000 kW.

**MONTHLY RATE**

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

	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
	\$130.00	\$230.00	\$1,000.00	
<u>Basic Charge</u>				
<u>Transmission and Related Services Charge</u> per kW of monthly On-Peak Demand	\$0.70	\$0.70	\$0.70	(I)
<u>Distribution Charges**</u> The sum of the following: per kW of Facility Capacity				
First 1,000 kW	\$2.33	\$2.17	\$2.17	
Over 1,000 kW	\$0.40	\$0.24	\$0.24	
per kW of monthly On-Peak Demand	\$2.45	\$2.45	\$1.28	
<u>Energy Charge</u>				
On-Peak Period***	6.080 ¢	5.860 ¢	5.780 ¢	(I)
Off-Peak Period***	5.185 ¢	4.993 ¢	4.917 ¢	(I)
See below for Daily or Monthly Pricing Option descriptions.				
<u>System Usage Charge</u> Per kWh	0.211 ¢	0.190 ¢	0.182 ¢	(I)

\* See Schedule 100 for applicable adjustments.

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

\*\*\* 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.

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First Revision of Sheet No. 91-2  
Canceling Original Sheet No. 91-2

**SCHEDULE 91 (Continued)**

**MAINTENANCE (Continued)**

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

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

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

**MONTHLY RATE**

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

<u>Transmission and Related Services Charge</u>	0.116 ¢ per kWh	(I)
<u>Distribution Charge</u>	2.814 ¢ per kWh	(I)
<u>Energy Charge</u>		
Cost of Service Option	5.584 ¢ per kWh	(I)

Daily Price Option – Available only to Customers with an average load of five MW or greater. In addition to the daily Energy price, the Customer will pay a Basic Charge of \$75 per month to help offset the costs of billing this option. The daily Energy price for all kWh will be the Dow Jones Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (DJ-Mid-C Firm Index) plus 0.236¢ 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.

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First Revision of Sheet No. 92-1  
Canceling Original Sheet No. 92-1

**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 Point of Delivery (POD)\*:

<u>Transmission and Related Services Charge</u>	0.139 ¢ per kWh	(I)
<u>Distribution Charge</u>	1.808 ¢ per kWh	(I)
<u>Energy Charge</u>	5.688 ¢ per kWh	(I)

\* See Schedule 100 for applicable adjustments.

**ADJUSTMENTS**

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

**SPECIAL CONDITIONS**

1. The Customer will furnish the Company with a complete list each month of all traffic-signal intersections and their respective estimated monthly kWh usage. The method of estimating usage will be established by the Company. The Customer will be responsible for updating the list of intersections and corresponding estimated usages each month as new installations are made, as existing installations are removed, or as wattages are increased or decreased.

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First Revision of Sheet No. 93-1  
Canceling Original Sheet No. 93-1

**SCHEDULE 93  
RECREATIONAL FIELD LIGHTING, PRIMARY VOLTAGE  
STANDARD SERVICE  
(COST OF SERVICE)**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To Large Nonresidential Customers for recreational field lighting and related incidental lighting.

**MONTHLY RATE**

The sum of the following charges per Point of Delivery (POD)\*:

<u>Basic Charge</u>	\$30.00		
<u>Transmission and Related Services Charge</u>	0.236	¢ per kWh	(l)
<u>Distribution Charge</u>	8.606	¢ per kWh	(l)
<u>Energy Charge</u>	5.535	¢ per kWh	(l)

\* 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.

**ADJUSTMENTS**

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

**SPECIAL CONDITION**

The Customer's electrical equipment and its installation must be approved by the Company. All service under this schedule at any one location will be supplied through one meter.

**TERM**

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

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Portland General Electric Company  
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First Revision of Sheet No. 128-1  
Canceling Original Sheet No. 128-1

**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 or Monthly pricing (other than Cost of Service) on Schedules 32, 75, 83, 89, 91; or Direct Access service on Schedules 515, 532, 549, 575, 583, 589, 591 and 592. This Schedule is not applicable to Customers served on Schedules 483 and 489.

**TRANSITION ADJUSTMENT**

The 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.

**2007 12-MONTH TRANSITION ADJUSTMENT RATE**

For Customers who have made a service election other than Cost of Service for 2007, the 12-Month Transition Adjustment Rate will be applied to their bills for service effective on the commercial operation date of the Port Westward generating facility:

(C)  
(C)

Schedule		Annual ¢ per kWh <sup>(1)</sup>	
32		(1.128)	(I)
83	Secondary	(1.115) <sup>(2)</sup>	
	Primary	(1.074) <sup>(2)</sup>	
89	Secondary On-Peak	(1.190)	
	Secondary Off-Peak	(0.980)	
	Primary On-Peak	(1.151)	
	Primary Off-Peak	(0.944)	
	Subtransmission On-Peak	(1.135)	
	Subtransmission Off-Peak	(0.930)	

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

(2) Applicable only to the Customer's Baseline Load for Customers served on Schedule(s) 75, 76R, 87, 575 and, or 576R.

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**First Revision of Sheet No. 128-2**  
**Canceling Original Sheet No. 128-2**

**SCHEDULE 128 (Continued)**

2007 12-MONTH TRANSITION ADJUSTMENT RATE (Continued)

Schedule	Annual ¢ per kWh <sup>(1)</sup>	
91	(1.083)	(1)
515	(1.079)	
532	(1.128)	
549	(1.020)	
583	Secondary Primary	
	(1.115) <sup>(2)</sup>	
	(1.074) <sup>(2)</sup>	
589	Secondary On-Peak	
	(1.190)	
	Secondary Off-Peak	
	(0.980)	
	Primary On-Peak	
	(1.151)	
	Primary Off-Peak	
	(0.944)	
	Subtransmission On-Peak	
	(1.135)	
	Subtransmission Off-Peak	
	(0.930)	
591	(1.083)	
592	(1.102)	(1)

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

(2) Applicable only to the Customer's Baseline Load for Customers served on Schedule(s) 75, 76R, 87, 575 and, or 576R.

**12-MONTH TRANSITION ADJUSTMENT REVISIONS**

(November Election Window as defined in Schedules 83 and 89)

The 12-Month 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 12-Month Transition Adjustment will be posted by the Company two months 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.

Monthly Transition Adjustment Election Window as defined in Schedules 83 and 89)

The Company will file and post the balance of year Transition Adjustments on its website ([www.PortlandGeneral.biz](http://www.PortlandGeneral.biz)) by 12:00 p.m. PPT on the first business day of the Monthly Direct Access Election Window.

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Portland General Electric Company  
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First Revision of Sheet No. 483-2  
Canceling Original Sheet No. 483-2

**SCHEDULE 483 (Continued)**

**OPT-OUT SERVICE TERM OPTIONS**

Fixed Three-Year Option (Continued)

Enrollment Period C: Applicable to any Customer who enrolled between September 1 and September 30, 2004, with a service period from January 1, 2005 through December 31, 2007.

Enrollment Period D: Applicable to any Customer who enrolled between September 1, 2005 and September 30, 2005, with a service period from January 1, 2006 through December 31, 2008.

Enrollment Period E: Applicable to any Customer who enrolled between September 1, 2006 and September 30, 2006, with a service period from January 1, 2007 through December 31, 2009.

**CHANGE IN APPLICABILITY**

If a Customer's usage changes such that they no longer qualify as a Large Nonresidential Customer, they will have their service terminated under this schedule and will move to an otherwise applicable schedule.

**MONTHLY RATE**

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

	<u>Delivery Voltage</u>		
	<u>Secondary</u>	<u>Primary</u>	
<u>Basic Charge</u>			
Single Phase	\$20.00		
Three Phase	\$25.00	\$90.00	
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity	\$2.29	\$2.11	
per kW of monthly Demand			
First 30 kW	\$2.07	\$2.07	
Over 30 kW	\$2.64	\$2.64	
<u>System Usage Charge</u>			
per kWh	0.221 ¢	0.210 ¢	(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 POD.

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First Revision of Sheet No. 489-2  
Canceling Original Sheet No. 489-2

**SCHEDULE 489 (Continued)**

**OPT-OUT SERVICE TERM OPTIONS**

Fixed Three-Year Option (Continued)

Enrollment Period C: Applicable to any Customer who enrolled between September 1 and September 30, 2004, with a service period from January 1, 2005 through December 31, 2007.

Enrollment Period D: Applicable to any Customer who enrolled between September 1, 2005 and September 30, 2005, with a service period from January 1, 2006 through December 31, 2008.

Enrollment Period E: Applicable to any Customer who enrolled between September 1, 2006 and September 30, 2006, with a service period from January 1, 2007 through December 31, 2009.

**CHANGE IN APPLICABILITY**

If a Customer's usage changes such that they no longer qualify as a Large Nonresidential Customer, they will have their service terminated under this schedule and will move to an otherwise applicable schedule.

**MONTHLY RATE**

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

	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>	\$130.00	\$230.00	\$1,000.00	
<u>Distribution Charges**</u>				
The sum of the following:				
per kW of Facility Capacity				
First 1,000 kW	\$2.33	\$2.17	\$2.17	
Over 1,000 kW	\$0.40	\$0.24	\$0.24	
per kW of monthly On-Peak Demand	\$2.45	\$2.45	\$1.28	
<u>System Usage Charge</u>				
per kWh	0.211 ¢	0.190 ¢	0.182 ¢	(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 POD.

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First Revision of Sheet No. 515-1  
Canceling Original Sheet No. 515-1

**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**

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	175	7,000	67	\$ 8.65 <sup>(2)</sup>	(l)
	400	21,000	149	11.66 <sup>(2)</sup>	
	1,000	55,000	379	20.59 <sup>(2)</sup>	
HPS	70	6,300	31	7.20 <sup>(2)</sup>	(l)
	100	9,500	43	7.72	
	150	16,000	63	8.45	
	200	22,000	80	9.52	
	250	29,000	103	10.37	
	310	37,000	125	11.96 <sup>(2)</sup>	
400	50,000	165	12.57	(l)	

(1) See Schedule 100 for applicable adjustments.

(2) No new service.

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First Revision of Sheet No. 515-2  
Canceling Original Sheet No. 515-2

**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	8.13 <sup>(2)</sup>	(I)	
	200	22,000	80	9.59 <sup>(2)</sup>		
	250	29,000	103	10.67		
	400	50,000	165	12.87		
Shoebox (bronze color, flat lens, HPS or drop lens, multi-volt)	100	9,500	43	8.66		
	150	16,500	63	9.67		
Special Acorn Type HPS	100	9,500	43	11.60		
	150	16,500	63	11.99		
	200	22,000	80	12.58		
	250	29,000	103	13.53		
Early American Post Top, HPS, Black Special Types	100	9,500	43	8.65		
Cobrahead, Metal Halide	175	12,000	72	8.93		
Flood, Metal Halide HPS	400	40,000	158	12.56		
Flood, HPS	750	105,000	289	19.86		
HADCO Independence, Early American	100	9,500	43	10.69		
	150	16,000	63	11.41		
HADCO Techtra HPS	100	9,500	43	18.34		
	150	16,000	63	19.06		
	250	29,000	103	27.50		
KIM Archetype HPS	250	29,000	103	15.03		
	400	50,000	165	17.02		
Holophane Mongoose HPS	150	16,000	63	10.84		
	250	29,000	103	12.32		
	400	40,000	165	14.54		(I)

(1) See Schedule 100 for applicable adjustments.  
(2) No new service.

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First Revision of Sheet No. 532-1  
Canceling Original Sheet No. 532-1

**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 Point of Delivery (POD)\*:

<u>Basic Charge</u>			
Single Phase		\$14.35	
Three Phase		\$20.25	
<u>Distribution Charge</u>			
First 5,000 kWh		3.079 ¢ per kWh	(I)
Over 5,000 kWh		0.571 ¢ 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.

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First Revision of Sheet No. 549-1  
Canceling Original Sheet No. 549-1

**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 Point of Delivery (POD)\*:

<u>Basic Charge</u>			
Summer Months**	\$30.00		
Winter Months**	No Charge		
<u>Distribution Charge</u>			
First 50 kWh per kW of Demand	3.005 ¢ per kWh		(I)
Over 50 kWh per kW of Demand	1.005 ¢ 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.

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Pamela Grace Lesh, Vice President

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Portland General Electric Company  
P.U.C. Oregon No. E-18

First Revision of Sheet No. 575-1  
Canceling Original Sheet No. 575-1

**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 1 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 Point of Delivery (POD)\*:

	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>				
Three Phase Service	\$130.00	\$230.00	\$1,000.00	
<u>Distribution Charge</u>				
The sum of the following:				
per kW of Facility Capacity				
First 1,000 kW	\$2.33	\$2.17	\$2.17	
Over 1,000 kW	\$0.40	\$0.24	\$0.24	
per kW of monthly On-Peak Demand	\$2.45	\$2.45	\$1.28	
<u>Generation Contingency Reserves Charges***</u>				
Spinning Reserves				
per kW of Reserved Capacity > 1,000 kW	\$0.234	\$0.234	\$0.234	
Supplemental Reserves				
per kW of Reserved Capacity > 1,000 kW	\$0.234	\$0.234	\$0.234	
<u>System Usage Charge</u>				
per kWh	0.211 ¢	0.190 ¢	0.182 ¢	(I)

\* See Schedule 100 for applicable adjustments.

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

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

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First Revision of Sheet No. 576R-1  
 Canceling Original Sheet No. 576R-1

**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:\*

Daily Economic Replacement Power (ERP) Demand Charge

	<u>Delivery Voltage</u>		
	<u>Secondary and Primary</u>	<u>Subtransmission</u>	
per kW of Daily ERP Demand during On-Peak hours per day**	\$0.095	\$0.050	
<u>System Usage Charge</u> per kWh of ERP		0.182 ¢	(1)
<u>Transaction Fee</u> per Energy Needs Forecast (ENF) submission or revision		\$50.00	

\* See Schedule 100 for applicable adjustment.

\*\* 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.

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First Revision of Sheet No. 583-1  
Canceling Original Sheet No. 583-1

**SCHEDULE 583  
LARGE NONRESIDENTIAL  
DIRECT ACCESS SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customer whose Demand has not exceeded 1,000 kW more than once in the proceeding 13 months and 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 at the applicable Delivery Voltage per Point of Delivery (POD)\*:

	<u>Delivery Voltage</u>		
	<u>Secondary</u>	<u>Primary</u>	
<u>Basic Charge</u>			
Single Phase Service	\$20.00		
Three Phase Service	\$25.00	\$90.00	
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity	\$2.29	\$2.11	
per kW of monthly Demand			
First 30 kW	\$2.07	\$2.07	
Over 30 kW	\$2.64	\$2.64	
<u>System Usage Charge</u>			
per kWh	0.221 ¢	0.210 ¢	(1)

\* 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 POD.

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First Revision of Sheet No. 589-1  
Canceling Original Sheet No. 589-1

**SCHEDULE 589  
LARGE NONRESIDENTIAL  
(>1000 kW)  
DIRECT ACCESS SERVICE**

**AVAILABLE**

In all territory served by the Company.

**APPLICABLE**

To each Large Nonresidential Customer whose Demand has exceeded 1,000 kW at least twice within the preceding 13 months, or with seven months or less of service has had a Demand exceeding 1,000 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 Point of Delivery (POD)\*:

	<u>Delivery Voltage</u>			
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>	
<u>Basic Charge</u>	\$130.00	\$230.00	\$1,000.00	
<u>Distribution Charges**</u>				
The sum of the following:				
per kW of Facility Capacity				
First 1,000 kW	\$2.33	\$2.17	\$2.17	
Over 1,000 kW	\$0.40	\$0.24	\$0.24	
per kW of monthly on-peak Demand	\$2.45	\$2.45	\$1.28	
<u>System Usage Charge</u>				
per kWh	0.211 ¢	0.190 ¢	0.182 ¢	(l)

\* 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 POD.

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First Revision of Sheet No. 591-2  
Canceling Original Sheet No. 591-2

**SCHEDULE 591 (Continued)**

**MAINTENANCE (Continued)**

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

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

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

**MONTHLY RATE**

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

<u>Distribution Charge</u>	2.814 ¢ per kWh	(I)
<u>Energy Charge:</u>	Provided by Energy Service Supplier	

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First Revision of Sheet No. 591-3  
Canceling Original Sheet No. 591-3

**SCHEDULE 591 (Continued)**

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

Type of Light	Watts	Nominal Lumens	Monthly kWh	Monthly Rates		
				Option A	Option B	Option C
Cobrahead Power Doors **	100	9,500	43	*	\$4.44	\$1.21
	150	16,000	63	*	5.02	1.77
	200	22,000	80	*	5.54	2.24
	250	29,000	103	*	6.17	2.89
	400	50,000	165	*	7.91	4.62
Cobrahead	100	9,500	43	\$7.30	4.52	1.21
	150	16,000	63	7.89	5.10	1.77
	200	22,000	80	8.83	5.62	2.25
	250	29,000	103	9.53	6.27	2.90
	400	50,000	165	11.30	8.03	4.64
Flood	250	29,000	103	9.82	6.29	2.90
	400	50,000	165	11.59	8.06	4.64
Early American Post-Top	100	9,500	43	7.76	4.52	1.21
Shoebox (Bronze color, flat Lens, or drop lens, multi-volt)	100	9,500	43	8.20	4.59	1.21
	150	16,000	63	9.06	5.19	1.77

\* Not offered.

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

**RATES FOR STANDARD POLES**

Type of Pole	Pole Length (feet)	Monthly Rates	
		Option A	Option B
Fiberglass, Black	20	\$4.38	\$0.15
Fiberglass, Bronze	30	5.85	0.20
Fiberglass, Gray	30	5.86	0.20
Wood, Standard	30 to 35	5.04	0.16
Wood, Standard	40 to 55	6.32	0.21

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First Revision of Sheet No. 591-4  
Canceling Original Sheet No. 591-4

**SCHEDULE 591 (Continued)**

**RATES FOR CUSTOM LIGHTING**

Type of Light	Watts	Nominal Lumens	Monthly kWh	Monthly Rates			
				Option A	Option B	Option C	
Special Acorn-Types							
HPS	100	9,500	43	\$11.02	\$4.83	\$1.21	
HADCO Independence	100	9,500	43	10.14	4.62	1.21	
	150	16,000	63	10.72	5.20	1.77	
Special Architectural Types							
HADCO Victorian HPS	150	16,000	63	11.28	5.38	1.77	
	200	22,000	80	11.76	5.82	2.25	(I)
	250	29,000	103	12.56	6.53	2.90	(I)
HADCO Techtra HPS	100	9,500	43	17.48	5.21	1.21	
	150	16,000	63	18.06	5.79	1.77	
	250	29,000	103	25.96	7.61	2.90	(I)
KIM Archetype HPS	250	29,000	103	*	6.63	2.90	
	400	50,000	165	*	8.38	4.64	
Special Types							
Cobrahead, Metal Halide	175	12,000	72	8.31	5.44	2.03	
Flood, Metal Halide	400	40,000	158	11.34	7.94	4.45	
Flood, HPS	750	105,000	289	17.68	12.73	8.13	(I)
Holophane Mongoose, HPS	150	16,000	63	10.19	5.38	1.77	
	250	29,000	103	11.40	6.52	2.90	(I)
	400	50,000	165	13.20	8.29	4.64	(I)

\* Not offered.

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First Revision of Sheet No. 591-6  
Canceling Original Sheet No. 591-6

**SCHEDULE 591 (Continued)**

**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 with 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>	<u>Option C</u>	
Cobrahead, Mercury Vapor	100	4,000	40	*	*	\$1.13	(I)
	175	7,000	67	\$8.07	\$5.06	1.89	
	250	10,000	95	9.89	6.11	2.67	
	400	21,000	149	10.51	7.51	4.19	
	1,000	55,000	379	17.88	14.34	10.67	
Special Box Similar to GE "Space-Glo"							
Sodium Vapor	70	6,300	31	10.78	4.18	0.87	
Mercury Vapor	175	7,000	67	12.06	5.20	1.89	(I)
Special box, Anodized Aluminum Similar to GardCo Hub							
HPS	70	6,300	31	*	*	0.87	
	100	9,500	43	*	4.80	1.21	
	150	16,000	63	*	5.38	1.77	
	250	29,000	103	*	*	2.90	(I)
	400	50,000	165	*	*	4.64	
Metal Halide	250	20,500	101	*	6.58	2.84	(I)
	400	40,000	158	*	8.64	4.45	
Cobrahead, Dual Wattage HPS							
70/100 Watt Ballast	100	9,500	43	*	4.52	1.21	
100/150 Watt Ballast	100	9,500	43	*	4.52	1.21	
100/150 Watt Ballast	150	16,000	63	*	5.10	1.77	
Special Architectural Types							
KIM SBC Shoebox HPS	150	16,000	63	*	5.72	1.77	

\* Not offered.

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**SCHEDULE 591 (Continued)**

SERVICE RATE FOR OBSOLETE LIGHTING (Continued)

Type of Light	Watts	Nominal Lumens	Monthly kWh	Monthly Rates			
				Option A	Option B	Option C	
Special Acorn-Type HPS	70	6,300	31	\$10.53	\$4.18	\$0.87	
Special GardCo Bronze Alloy							
HPS	70	5,000	31	*	*	0.87	
Mercury Vapor	175	7,000	67	*	*	1.89	(I)
Special Acrylic Sphere							
Mercury Vapor	400	21,000	149	*	*	4.19	(I)
Early American Post-Top HPS							
Black	70	6,300	31	6.84	4.19	0.87	
Rectangle Type	200	22,000	80	*	*	2.25	(I)
Incandescent	92	1,000	32	*	*	0.90	
	182	2,500	63	*	*	1.77	
Town and Country Post-Top							
Mercury Vapor	175	7,000	67	8.20	5.08	1.89	(I)
Flood, HPS	70	6,600	31	7.48	4.23	0.87	
	100	9,500	43	7.70	4.55	1.21	
	200	22,000	80	9.17	5.64	2.25	(I)
Cobrahead, HPS							
Non-Power Door	70	6,300	31	6.86	4.18	0.87	
Power Door	310	37,000	125	10.96	7.29	3.52	(I)
Special Types Customer Owned & Maintained							
Ornamental	100	9,500	43	*	*	1.21	
Twin ornamental	200	22,000	80	*	*	2.42	(I)
Compact Fluorescent	28	N/A	12	*	*	0.34	

\* Not offered.

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P.U.C. Oregon No. E-18

First Revision of Sheet No. 591-8  
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**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	\$ 6.23	*
Bronze Alloy GardCo	12	*	\$0.25
Concrete, Ornamental	35 or less	10.13	0.34
Steel, Painted Regular **	25	10.13	0.34
Steel, Painted Regular **	30	10.96	0.37
Steel, Unpainted 6-foot Mast Arm **	30	*	0.37
Steel, Unpainted 6-foot Davit Arm **	30	*	0.37
Steel, Unpainted 8-foot Mast Arm **	35	*	0.40
Steel, Unpainted 8-foot Davit Arm **	35	*	0.41
Wood, Laminated without Mast Arm	20	5.67	0.15
Wood, Laminated Street Light Only	20	4.38	*
Wood, Curved Laminated	30	7.31	0.27
Wood, Painted Underground	35	5.04	0.21
Wood, Painted Street Light Only	35	5.04	*

\* 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	35	\$12.98	\$3.39	\$0.98
	165	12,000	61	15.59	4.18	1.72
HADCO Techtra QL	85	6,000	35	16.75	3.51	0.98
	165	12,000	61	18.32	4.33	1.72

Advice No. 06-10  
Issued April 24, 2006  
Pamela Grace Lesh, Vice President

Effective for service  
on and after May 24, 2006

Portland General Electric Company  
P.U.C. Oregon No. E-18

First Revision of Sheet No. 592-1  
Canceling Original Sheet No. 592-1

**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 sum of the following charges per Point of Delivery (POD)\*:

Distribution Charge	1.808 ¢ per kWh	(1)
---------------------	-----------------	-----

\* 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.

**PORTLAND GENERAL ELECTRIC  
Port Westward Price Changes**

<b>FUNCTION</b>	<b>PRE-PW AMOUNT</b>	<b>WITH PW AMOUNT</b>	<b>PW INCREMENT</b>
PRODUCTION	\$1,086,044	\$1,127,423	\$41,379
TRANSMISSION	\$28,616	\$31,062	\$2,446
ANCILLARY	\$5,421	\$5,421	\$0
DISTRIBUTION	\$423,837	\$424,923	\$1,086
METERING	\$18,118	\$18,118	\$0
BILLING	\$33,095	\$33,095	\$0
CONSUMER	<u>\$49,493</u>	<u>\$49,494</u>	<u>\$1</u>
TOTALS	\$1,644,624	\$1,689,536	\$44,912

**PW SPREAD**

PRODUCTION	\$41,379
TRANSMISSION	\$2,446
SYSTEM USAGE	<u>\$1,087</u>
TOTAL	\$44,912

**PORTLAND GENERAL ELECTRIC  
SUMMARY OF PORT WESTWARD PRICE CHANGES**

**Distribution (Franchise Fee) Related**

<b>Grouping</b>	<b>January Volumetric Distribution mills/kWh</b>	<b>January Sys. Usage mills/kWh</b>	<b>January Tariff mills/kWh</b>	<b>March Sys. Usage mills/kWh</b>	<b>March Tariff mills/kWh</b>
Schedule 7	28.43	2.80	31.23	2.87	31.30
Schedule 15/515	29.89	4.87	34.76	5.00	34.89
Schedule 32/532					
Block 1	28.08	2.65	30.73	2.71	30.79
Block 2	3.00	2.65	5.65	2.71	5.71
Schedule 38	31.58	2.47	34.05	2.53	34.11
Schedule 47					
Block 1	71.68	(34.54)	37.14	(34.48)	37.20
Block 2	51.68	(34.54)	17.14	(34.48)	17.20
Schedule 49/549					
Block 1	59.01	(29.01)	30.00	(28.96)	30.05
Block 2	39.01	(29.01)	10.00	(28.96)	10.05
Sch 83/483/583 Secondary	0.00	2.16	2.16	2.21	2.21
Sch 89/489/589 Secondary	0.00	2.06	2.06	2.11	2.11
Sch 83/483/583 Primary	0.00	2.05	2.05	2.10	2.10
Sch 89/489/589 Primary	0.00	1.86	1.86	1.90	1.90
Sch 89/489/589 Subtrans	0.00	1.78	1.78	1.82	1.82
Schedule 91/591	33.14	(5.11)	28.03	(5.00)	28.14
Schedule 92/592	19.07	(1.04)	18.03	(0.99)	18.08
Schedule 93	94.26	(8.30)	85.96	(8.20)	86.06

**Transmission Related**

<b>Grouping</b>	<b>January Transmission &amp; Ancillary Charges</b>	<b>March Transmission &amp; Ancillary Charges</b>
Schedule 7	1.98	2.12
Schedule 15	0.97	1.03
Schedule 32	2.14	2.30
Schedule 38	0.86	0.91
Schedule 47	1.81	1.94
Schedule 49	1.80	1.93
Schedule 83/89	\$0.66	\$0.70
Schedule 91	1.09	1.16
Schedule 92	1.30	1.39
Schedule 93	2.20	2.36

Note: All prices are in mills/kWh except Schedules 83 and 89 which are in dollars per kW

**PORTLAND GENERAL ELECTRIC  
 SUMMARY OF PORT WESTWARD PRICE CHANGES**

**Production Related**

<b>Grouping</b>	<b>January Energy Charges mills/kWh</b>	<b>March Energy Increment mills/kWh</b>	<b>March Energy Charges mills/kWh</b>
<b>Schedule 7</b>	56.75	2.16	58.91
<b>Schedule 15</b>	53.66	2.04	55.70
<b>Schedule 32</b>	56.05	2.13	58.18
<b>Schedule 38</b>			
On-peak	60.91	2.15	63.06
Off-peak	51.93	2.15	54.08
<b>Schedule 47</b>	50.96	1.95	52.91
<b>Schedule 49</b>	50.64	1.92	52.56
<b>Schedule 83-S</b>	55.44	2.11	57.55
<b>Schedule 89-S</b>			
On-peak	58.68	2.12	60.80
Off-peak	49.73	2.12	51.85
<b>Schedule 83-P</b>	53.44	2.04	55.48
<b>Schedule 89-P</b>			
On-peak	56.58	2.02	58.60
Off-peak	47.91	2.02	49.93
<b>Schedule 89-T</b>			
On-peak	55.81	1.99	57.80
Off-peak	47.18	1.99	49.17
<b>Schedule 91</b>	53.80	2.04	55.84
<b>Schedule 92</b>	54.80	2.08	56.88
<b>Schedule 93</b>	53.32	2.03	55.35

**PORTLAND GENERAL ELECTRIC  
ALLOCATION OF PORT WESTWARD PRODUCTION COSTS  
2007**

<b>Grouping</b>	<b>Production Allocation Percent</b>	<b>Allocated Costs (\$000)</b>	<b>COS Cycle Energy MWH</b>	<b>Port Westward Increment mills/kWh</b>	<b>Port Westward Revenues (\$000)</b>
Schedule 7	39.35%	\$16,261	7,524,421	2.16	\$16,253
Schedule 15	0.12%	\$48	23,496	2.04	\$48
Schedule 32	7.76%	\$3,208	1,503,045	2.13	\$3,201
Schedule 38	0.55%	\$227	105,829	2.15	\$228
Schedule 47	0.11%	\$45	22,922	1.95	\$45
Schedule 49	0.32%	\$131	67,951	1.92	\$130
Schedule 83-S	27.62%	\$11,412	5,402,871	2.11	\$11,400
Schedule 89-S	3.42%	\$1,415	667,477	2.12	\$1,415
Schedule 83-P	1.47%	\$608	298,570	2.04	\$609
Schedule 89-P	12.21%	\$5,046	2,494,263	2.02	\$5,038
Schedule 89-T	6.55%	\$2,707	1,358,222	1.99	\$2,703
Schedule 91	0.48%	\$199	97,806	2.04	\$200
Schedule 92	0.03%	\$12	5,939	2.08	\$12
Schedule 93	0.00%	\$1	565	2.03	\$1
<b>TOTAL</b>	<b>100.00%</b>	<b>\$41,320</b>	<b>19,573,378</b>		<b>\$41,283</b>
	<b>TARGET</b>	<b>\$41,320</b>			
	Calendar Basis	\$41,379			

**PORTLAND GENERAL ELECTRIC  
ALLOCATION OF TRANSMISSION RELATED TO PORT WESTWARD**

Grouping	Billing Determinant	January-07		2007 Proposed Transmission Increment	January		March	
		Transmission Allocation Percent	44.60%		Transmission & Ancillary Allocations	Transmission & Ancillary Allocation	Transmission & Ancillary Price	Transmission & Ancillary Revenues
Schedule 7	7,524,421	44.60%	\$1,089	\$14,875	\$15,964	2.12	\$15,952	
Schedule 15	23,496	0.06%	\$1	\$23	\$24	1.03	\$24	
Schedule 32	1,503,045	9.77%	\$239	\$3,212	\$3,451	2.30	\$3,457	
Schedule 38	105,829	0.22%	\$5	\$91	\$97	0.91	\$96	
Schedule 47	22,922	0.12%	\$3	\$41	\$44	1.94	\$44	
Schedule 49	67,951	0.37%	\$9	\$122	\$131	1.93	\$131	
Schedule 83/89	23,605,298	44.56%	\$1,088	\$15,507	\$16,596	\$0.70	\$16,524	
Schedule 91	97,806	0.28%	\$7	\$107	\$114	1.16	\$113	
Schedule 92	5,939	0.02%	\$1	\$8	\$8	1.39	\$8	
Schedule 93	565	0.00%	\$0	\$1	\$1	2.36	\$1	
<b>TOTAL</b>		100.00%	\$2,442	\$33,988	\$36,430		\$36,352	

**Target**  
Calendar Basis  
\$2,442  
\$2,446

Note: All prices are in mills/kWh except Schedules 83 and 89 which are dollars per kW

PORTLAND GENERAL ELECTRIC  
ALLOCATION OF FRANCHISE FEES AND RATE DESIGN RELATED TO PORT WESTWARD

Grouping	Cycle Energy	January-07 Allocation Percent	2007 Proposed		January System Usage Revenues	March System Usage Allocation	March System Usage mills/kWh	March System Usage Revenues
			Franchise Fee Increment	Franchise Fee Increment				
Schedule 7	7,524,421	46.33%	\$503	\$21,068	\$21,571	2.87	\$21,595	
Schedule 15	23,496	0.27%	\$3	\$114	\$117	5.00	\$117	
Schedule 32	1,503,045	8.67%	\$94	\$3,983	\$4,077	2.71	\$4,073	
Schedule 38	105,829	0.61%	\$7	\$261	\$268	2.53	\$268	
Schedule 47	22,922	0.13%	\$1	(\$792)	(\$790)	(34.48)	(\$790)	
Schedule 49	67,951	0.30%	\$3	(\$1,971)	(\$1,968)	(28.96)	(\$1,968)	
Schedule 83-S	5,404,793	24.24%	\$263	\$11,674	\$11,937	2.21	\$11,945	
Schedule 89-S 1-4 MW	654,274	2.76%	\$30	\$1,348	\$1,378	2.11	\$1,381	
Schedule 89-S GT 4 MW	25,540	0.11%	\$1	\$53	\$54	2.11	\$54	
Schedule 83-P	298,570	1.26%	\$14	\$612	\$626	2.10	\$627	
Schedule 89-P 1-4 MW	855,811	3.40%	\$37	\$1,592	\$1,629	1.90	\$1,626	
Schedule 89-P GT 4 MW	1,708,452	6.11%	\$66	\$3,178	\$3,244	1.90	\$3,246	
Schedule 89-T	1,358,222	4.78%	\$52	\$2,418	\$2,470	1.82	\$2,472	
Schedule 91	97,806	1.00%	\$11	(\$500)	(\$489)	(5.00)	(\$489)	
Schedule 92	5,939	0.03%	\$0	(\$6)	(\$6)	(0.99)	(\$6)	
Schedule 93	565	0.01%	\$0	(\$5)	(\$5)	(8.20)	(\$5)	
<b>TOTAL</b>	19,657,637	100.00%	\$1,086	\$43,028	\$44,113		\$44,146	
		Target Calendar Basis		\$1,086				
				\$1,087				

**PORTLAND GENERAL ELECTRIC**

**Summary of Annual Transition Adjustments  
Without Port Westward**

<b>Schedules</b>	<b>COS Tariff Energy Price mills/kWh</b>	<b>Market Value of Energy mills/kWh</b>	<b>Annual Transition Adjustment mills/kWh</b>
Schedule 515	53.66	66.49	(12.83)
Schedule 532	56.05	69.46	(13.41)
Schedule 549	50.64	62.76	(12.12)
Schedule 83/583-S	55.44	68.70	(13.26)
Schedule 89/589-S			
On-peak	58.68	72.70	(14.02)
Off-peak	49.73	61.65	(11.92)
Schedule 83/583-P	53.44	66.22	(12.78)
Schedule 89/589-P			
On-peak	56.58	70.11	(13.53)
Off-peak	47.91	59.37	(11.46)
Schedule 89/589-T			
On-peak	55.81	69.15	(13.34)
Off-peak	47.18	58.47	(11.29)
Schedule 91/591	53.80	66.67	(12.87)
Schedule 592	54.80	67.90	(13.10)

**Summary of Annual Transition Adjustments  
With Port Westward**

<b>Schedules</b>	<b>COS Tariff Energy Price mills/kWh</b>	<b>Market Value of Energy mills/kWh</b>	<b>Annual Transition Adjustment mills/kWh</b>
Schedule 515	55.70	66.49	(10.79)
Schedule 532	58.18	69.46	(11.28)
Schedule 549	52.56	62.76	(10.20)
Schedule 83/583-S	57.55	68.70	(11.15)
Schedule 89/589-S			
On-peak	60.80	72.70	(11.90)
Off-peak	51.85	61.65	(9.80)
Schedule 83/583-P	55.48	66.22	(10.74)
Schedule 89/589-P			
On-peak	58.60	70.11	(11.51)
Off-peak	49.93	59.37	(9.44)
Schedule 89/589-T			
On-peak	57.80	69.15	(11.35)
Off-peak	49.17	58.47	(9.30)
Schedule 91/591	55.84	66.67	(10.83)
Schedule 592	56.88	67.90	(11.02)

TABLE 1  
PORTLAND GENERAL ELECTRIC  
ESTIMATED EFFECT ON CONSUMERS' TOTAL ELECTRIC BILLS  
2007 COS ONLY: INCREMENTAL IMPACT OF PORT WESTWARD

CATEGORY	RATE SCHEDULE	Forecast SDEC05E07		TOTAL ELECTRIC BILLS		Change	
		CONSUMERS	MWH SALES	CURRENT	PROPOSED	AMOUNT	PCT.
				base rates	base rates		
Residential	7	702,246	7,524,421	\$761,181,928	\$779,014,805	\$17,832,877	2.3%
Employee Discount				(\$817,793)	(\$837,382)	(\$19,589)	
Subtotal				\$760,364,135	\$778,177,424	\$17,813,289	2.3%
Outdoor Area Lighting	15	1,351	23,496	\$4,450,894	\$4,503,291	\$52,396	1.2%
General Service <30 kW	32	81,581	1,503,045	\$142,416,923	\$145,949,079	\$3,532,156	2.5%
Opt. Time-of-Day G.S. >30 kW	38	1,255	105,829	\$10,093,196	\$10,332,369	\$239,173	2.4%
Irrig. & Drain. Pump. < 30 kW	47	3,090	22,922	\$2,159,459	\$2,208,512	\$49,053	2.3%
Irrig. & Drain. Pump. > 30 kW	49	1,410	67,951	\$4,890,594	\$5,033,292	\$142,698	2.9%
General Service >30 kW							
Secondary	83-S	11,768	5,402,871	\$398,171,209	\$410,417,618	\$12,246,408	3.1%
Primary	83-P	143	298,570	\$20,692,372	\$21,343,850	\$651,479	3.1%
Schedule 89 > 1 MW							
Secondary	89-S	101	667,477	\$46,932,813	\$48,445,336	\$1,512,524	3.2%
Primary	89-P	115	2,494,263	\$155,759,641	\$161,077,803	\$5,318,162	3.4%
Subtransmission	89-T	9	1,358,222	\$78,565,796	\$81,413,569	\$2,847,771	3.6%
Street & Highway Lighting	91	206	97,806	\$16,392,774	\$16,609,903	\$217,129	1.3%
Traffic Signals	92	14	5,939	\$440,258	\$453,443	\$13,185	3.0%
Recreational Field Lighting	93	27	565	\$89,672	\$90,966	\$1,294	1.4%
<b>TOTAL (CYCLE YEAR BASIS)</b>		803,314	19,573,378	\$1,641,419,738	\$1,686,056,454	\$44,636,717	2.7%
CONVERSION ADJUSTMENT				\$2,363,537	\$2,427,811		
<b>TOTAL (CALENDAR YEAR BASIS)</b>			19,601,562	\$1,643,783,275	\$1,688,484,266	\$44,700,991	2.7%

TABLE 2  
PORTLAND GENERAL ELECTRIC  
ESTIMATED EFFECT ON CONSUMERS' TOTAL ELECTRIC BILLS  
2007 COS ONLY: INCREMENTAL IMPACT OF PORT WESTWARD

CATEGORY	RATE SCHEDULE	Forecast SDEC06E07		TOTAL ELECTRIC BILLS		Change	
		CONSUMERS	MWH SALES	CURRENT	PROPOSED	AMOUNT	PCT.
				with all supplementals except LIA & PPC	with all supplementals except LIA & PPC		
Residential	7	702,246	7,524,421	\$671,984,273	\$689,817,150	\$17,832,877	2.7%
Employee Discount				<u>(\$725,483)</u>	<u>(\$745,072)</u>	<u>(\$19,589)</u>	
Subtotal				\$671,258,789	\$689,072,078	\$17,813,289	2.7%
Outdoor Area Lighting	15	1,351	23,496	\$4,362,657	\$4,415,053	\$52,396	1.2%
General Service <30 kW	32	81,581	1,503,045	\$139,753,707	\$143,285,863	\$3,532,156	2.5%
Opt. Time-of-Day G.S. >30 kW	38	1,255	105,829	\$10,023,222	\$10,262,395	\$239,173	2.4%
Irrig. & Drain. Pump. < 30 kW	47	3,090	22,922	\$1,910,163	\$1,959,216	\$49,053	2.6%
Irrig. & Drain. Pump. > 30 kW	49	1,410	67,951	\$4,205,407	\$4,348,104	\$142,698	3.4%
General Service >30 kW							
Secondary	83-S	11,768	5,402,871	\$395,508,412	\$407,754,821	\$12,246,408	3.1%
Primary	83-P	143	298,570	\$20,638,575	\$21,290,054	\$651,479	3.2%
Schedule 89 > 1 MW							
Secondary	89-S	101	667,477	\$47,032,935	\$48,545,459	\$1,512,524	3.2%
Primary	89-P	115	2,494,263	\$156,233,551	\$161,551,713	\$5,318,162	3.4%
Subtransmission	89-T	9	1,358,222	\$78,864,607	\$81,712,378	\$2,847,771	3.6%
Street & Highway Lighting	91	206	97,806	\$16,365,388	\$16,582,517	\$217,129	1.3%
Traffic Signals	92	14	5,939	\$441,149	\$454,334	\$13,185	3.0%
Recreational Field Lighting	93	27	565	\$89,536	\$90,830	\$1,294	1.4%
<b>TOTAL (CYCLE YEAR BASIS)</b>		803,314	19,573,378	\$1,546,688,099	\$1,591,324,815	\$44,636,717	2.9%
CONVERSION ADJUSTMENT				\$2,227,130	\$2,291,404		
<b>TOTAL (CALENDAR YEAR BASIS)</b>			19,601,562	\$1,548,915,229	\$1,593,616,219	\$44,700,991	2.9%

**PORTLAND GENERAL ELECTRIC**  
Effect of proposed rate change on Monthly Bills  
Tariff Schedule 7

Note: Bill comparison includes Low Income Charge and Public Purpose Charge

kwh	Net Monthly Bill		Percent Difference
	Est. UE-180 Bill	Proposed Bill*	
50	\$14.08	\$14.20	0.83%
100	\$17.52	\$17.76	1.40%
200	\$24.42	\$24.90	1.96%
250	\$27.87	\$28.48	2.18%
300	\$32.09	\$32.83	2.32%
400	\$40.56	\$41.54	2.43%
500	\$49.04	\$50.27	2.50%
600	\$57.51	\$58.97	2.54%
700	\$65.98	\$67.68	2.58%
800	\$74.44	\$76.40	2.64%
900	\$82.92	\$85.11	2.65%
1,000	\$91.38	\$93.83	2.68%
1,100	\$99.85	\$102.54	2.69%
1,200	\$108.33	\$111.25	2.69%
1,300	\$116.79	\$119.97	2.72%
1,400	\$125.26	\$128.68	2.73%
1,500	\$133.74	\$137.40	2.74%
1,600	\$142.21	\$146.11	2.74%
1,700	\$150.68	\$154.82	2.75%
1,800	\$159.13	\$163.54	2.77%
2,000	\$176.08	\$180.96	2.77%
2,300	\$201.49	\$207.11	2.79%
2,750	\$239.61	\$246.31	2.80%
3,000	\$260.78	\$268.10	2.81%
3,500	\$303.13	\$311.68	2.82%
4,000	\$345.48	\$355.24	2.82%
4,500	\$387.83	\$398.82	2.83%
5,000	\$430.17	\$442.38	2.84%
7,500	\$641.92	\$660.23	2.85%
10,000	\$853.66	\$878.07	2.86%

\* Includes Port Westward

**PORTLAND GENERAL ELECTRIC**  
Effect of proposed rate change on Monthly Bills  
**Tariff Schedule 32, 3-phase Service**

Note: Bill comparison includes Low Income Charge and Public Purpose Charge

kwh	Est. UE-180 Bill	Net Monthly Bill (without RPA credit)		Percent Difference	Est. UE-180 Bill	Net Monthly Bill (with RPA credit)		Percent Difference
		Proposed Bill*	Proposed Bill*			Proposed Bill*	Proposed Bill*	
100	\$25.69	\$25.92	\$24.47	0.90%	\$24.47	\$24.71	\$24.71	0.98%
500	\$62.49	\$63.69	\$56.43	1.92%	\$56.43	\$57.63	\$57.63	2.13%
600	\$71.66	\$73.12	\$64.39	2.04%	\$64.39	\$65.85	\$65.85	2.27%
700	\$80.88	\$82.57	\$72.40	2.09%	\$72.40	\$74.09	\$74.09	2.33%
800	\$90.05	\$91.98	\$80.35	2.14%	\$80.35	\$82.29	\$82.29	2.41%
900	\$99.27	\$101.44	\$88.38	2.19%	\$88.38	\$90.54	\$90.54	2.44%
1,000	\$108.45	\$110.87	\$96.34	2.23%	\$96.34	\$98.76	\$98.76	2.51%
1,500	\$154.45	\$158.08	\$136.28	2.35%	\$136.28	\$139.91	\$139.91	2.66%
1,750	\$177.44	\$181.67	\$156.24	2.38%	\$156.24	\$160.48	\$160.48	2.71%
2,000	\$200.42	\$205.26	\$176.19	2.41%	\$176.19	\$181.03	\$181.03	2.75%
2,500	\$246.42	\$252.47	\$216.14	2.46%	\$216.14	\$222.19	\$222.19	2.80%
3,500	\$338.39	\$346.86	\$296.00	2.50%	\$296.00	\$304.46	\$304.46	2.86%
4,000	\$384.36	\$394.04	\$335.91	2.52%	\$335.91	\$345.59	\$345.59	2.88%
4,500	\$430.36	\$441.25	\$375.85	2.53%	\$375.85	\$386.74	\$386.74	2.90%
5,000	\$476.33	\$488.43	\$415.76	2.54%	\$415.76	\$427.86	\$427.86	2.91%
6,000	\$542.46	\$556.99	\$469.79	2.68%	\$469.79	\$484.31	\$484.31	3.09%
7,000	\$608.60	\$625.54	\$523.81	2.78%	\$523.81	\$540.75	\$540.75	3.23%
8,000	\$674.74	\$694.10	\$577.83	2.87%	\$577.83	\$597.20	\$597.20	3.35%
9,000	\$740.87	\$762.66	\$631.86	2.94%	\$631.86	\$653.64	\$653.64	3.45%
10,000	\$807.01	\$831.21	\$685.88	3.00%	\$685.88	\$710.09	\$710.09	3.53%
14,000	\$1,071.56	\$1,105.44	\$901.98	3.16%	\$901.98	\$935.86	\$935.86	3.76%
15,000	\$1,137.69	\$1,174.00	\$956.00	3.19%	\$956.00	\$992.31	\$992.31	3.80%
20,000	\$1,468.38	\$1,516.79	\$1,226.12	3.30%	\$1,226.12	\$1,274.53	\$1,274.53	3.95%
21,900	\$1,594.06	\$1,647.05	\$1,328.79	3.32%	\$1,328.79	\$1,381.79	\$1,381.79	3.99%

\*Includes Port Westward

**PORTLAND GENERAL ELECTRIC**  
Effect of proposed rate change on Monthly Bills  
**Tariff Schedule 38, 3-phase Service**

Note: Bill comparison includes Low Income Charge and Public Purpose Charge  
Bill comparison assumes 50% on-peak and 50% off-peak energy consumption

kwh	Net Monthly Bill (without RPA credit)		Net Monthly Bill (with RPA credit)		Percent Difference
	Est. UE-180 Bill	Proposed Bill*	Est. UE-180 Bill	Proposed Bill*	
1,000	\$120.20	\$122.53	\$108.09	\$110.42	2.15%
3,000	\$309.10	\$316.09	\$272.77	\$279.75	2.56%
5,000	\$498.01	\$509.65	\$437.44	\$449.08	2.66%
7,000	\$686.91	\$703.20	\$602.12	\$618.41	2.71%
10,000	\$970.26	\$993.54	\$849.14	\$872.41	2.74%
13,000	\$1,253.62	\$1,283.88	\$1,096.15	\$1,126.41	2.76%
14,000	\$1,348.07	\$1,380.66	\$1,178.49	\$1,211.08	2.77%
16,000	\$1,536.97	\$1,574.22	\$1,343.17	\$1,380.41	2.77%
21,000	\$2,009.23	\$2,058.11	\$1,754.86	\$1,803.74	2.79%
25,000	\$2,387.04	\$2,445.23	\$2,084.22	\$2,142.41	2.79%
30,000	\$2,859.29	\$2,929.13	\$2,495.91	\$2,565.74	2.80%
35,000	\$3,331.55	\$3,413.02	\$2,907.60	\$2,989.07	2.80%
40,000	\$3,803.81	\$3,896.92	\$3,319.29	\$3,412.41	2.81%
45,000	\$4,276.06	\$4,380.81	\$3,730.99	\$3,835.74	2.81%
50,000	\$4,748.32	\$4,864.71	\$4,142.68	\$4,259.07	2.81%
75,000	\$7,109.61	\$7,284.19	\$6,201.15	\$6,375.73	2.82%
100,000	\$9,470.89	\$9,703.67	\$8,259.61	\$8,492.39	2.82%
150,000	\$14,193.46	\$14,542.63	\$12,376.54	\$12,725.71	2.82%
200,000	\$18,916.03	\$19,381.59	\$16,493.47	\$16,959.03	2.82%
300,000	\$28,361.17	\$29,059.51	\$24,727.33	\$25,425.67	2.82%
400,000	\$37,806.31	\$38,737.43	\$32,961.19	\$33,892.31	2.82%
500,000	\$47,251.45	\$48,415.35	\$41,195.05	\$42,358.95	2.83%
750,000	\$70,864.30	\$72,610.15	\$61,779.70	\$63,525.55	2.83%
1,000,000	\$94,477.15	\$96,804.95	\$82,364.35	\$84,692.15	2.83%

\*Includes Port Westward

**PORTLAND GENERAL ELECTRIC**  
Effect of Proposed Rate Change on Monthly Bills  
**Tariff Schedule 83, Secondary, 3 phase service.**  
Note: Bill comparison includes Low Income Energy Assistance and Public Purpose Charges

Load Factor	kwh	kW	Net Monthly Billing (without RPA credit)		Net Monthly Bill (with RPA credit)		Percent Difference
			Est. UE-180 Bill	Proposed Bill*	Est. UE-180 Bill	Proposed Bill*	
30%	6,570	30	\$573.84	\$589.69	\$494.26	\$510.11	3.21%
	10,950	50	\$950.97	\$977.39	\$818.33	\$844.76	3.23%
	21,900	100	\$1,893.80	\$1,946.64	\$1,628.53	\$1,681.37	3.24%
	43,800	200	\$3,779.46	\$3,885.15	\$3,248.92	\$3,354.61	3.25%
	76,650	350	\$6,607.96	\$6,792.91	\$5,679.51	\$5,864.46	3.26%
	109,500	500	\$9,436.46	\$9,700.67	\$8,110.10	\$8,374.32	3.26%
	153,300	700	\$13,207.78	\$13,577.69	\$11,350.89	\$11,720.79	3.26%
	186,150	850	\$16,036.28	\$16,485.45	\$13,781.48	\$14,230.65	3.26%
	219,000	1,000	\$18,864.77	\$19,393.21	\$16,212.07	\$16,740.50	3.26%
	50%	10,950	30	\$835.81	\$861.41	\$703.18	\$728.78
18,250		50	\$1,387.60	\$1,430.26	\$1,166.54	\$1,209.20	3.66%
36,500		100	\$2,767.06	\$2,852.39	\$2,324.95	\$2,410.27	3.67%
73,000		200	\$5,525.99	\$5,696.64	\$4,641.76	\$4,812.41	3.68%
127,750		350	\$9,664.38	\$9,963.02	\$8,116.97	\$8,415.61	3.68%
182,500		500	\$13,802.77	\$14,229.39	\$11,592.18	\$12,018.81	3.68%
255,500		700	\$19,320.62	\$19,917.90	\$16,225.80	\$16,823.08	3.68%
310,250		850	\$23,459.01	\$24,184.27	\$19,701.01	\$20,426.28	3.68%
365,000		1,000	\$27,597.40	\$28,450.65	\$23,176.23	\$24,029.48	3.68%

\*Includes Port Westward

**PORTLAND GENERAL ELECTRIC**  
Effect of Proposed Rate Change on Monthly Bills  
**Tariff Schedule 83, Secondary, 3 phase service.**  
Note: Bill comparison includes Low Income Energy Assistance and Public Purpose Charges

Load Factor	kwh	kW	Net Monthly Billing (without RPA credit)			Net Monthly Bill (with RPA credit)			Percent Difference
			Est. UE-180 Bill	Proposed Bill*	Percent Difference	Est. UE-180 Bill	Proposed Bill*	Percent Difference	
70%	15,330	30	\$1,097.79	\$1,133.14	3.22%	\$912.10	\$947.45	3.87%	
	25,550	50	\$1,824.23	\$1,883.14	3.23%	\$1,514.75	\$1,573.65	3.89%	
	51,100	100	\$3,640.33	\$3,758.13	3.24%	\$3,021.36	\$3,139.17	3.90%	
	102,200	200	\$7,272.51	\$7,508.13	3.24%	\$6,034.59	\$6,270.20	3.90%	
	178,850	350	\$12,720.80	\$13,133.12	3.24%	\$10,554.42	\$10,966.75	3.91%	
	255,500	500	\$18,169.08	\$18,758.12	3.24%	\$15,074.26	\$15,663.30	3.91%	
	357,700	700	\$25,433.46	\$26,258.11	3.24%	\$21,100.71	\$21,925.36	3.91%	
	434,350	850	\$30,881.74	\$31,883.10	3.24%	\$25,620.55	\$26,621.91	3.91%	
	511,000	1,000	\$36,330.02	\$37,508.10	3.24%	\$30,140.38	\$31,318.46	3.91%	
	90%	19,710	30	\$1,359.77	\$1,404.86	3.32%	\$1,121.03	\$1,166.12	4.02%
32,850		50	\$2,260.86	\$2,336.01	3.32%	\$1,862.96	\$1,938.10	4.03%	
65,700		100	\$4,513.59	\$4,663.88	3.33%	\$3,717.78	\$3,868.07	4.04%	
131,400		200	\$9,019.04	\$9,319.62	3.33%	\$7,427.42	\$7,728.00	4.05%	
229,950		350	\$15,777.22	\$16,303.23	3.33%	\$12,991.88	\$13,517.89	4.05%	
328,500		500	\$22,535.39	\$23,286.84	3.33%	\$18,556.34	\$19,307.79	4.05%	
459,900		700	\$31,546.30	\$32,598.32	3.33%	\$25,975.62	\$27,027.64	4.05%	
558,450		850	\$38,304.47	\$39,581.93	3.34%	\$31,540.08	\$32,817.54	4.05%	
657,000		1,000	\$45,062.65	\$46,565.54	3.34%	\$37,104.54	\$38,607.43	4.05%	

\*Includes Port Westward

**PORTLAND GENERAL ELECTRIC**  
Effect of Proposed Rate Change on Monthly Bills  
**Tariff Schedule 83, Primary, 3 phase service.**

Note: Bill comparison includes Low Income Energy Assistance and Public Purpose Charges

Load Factor	kwh	kW	Net Monthly Bill (without RPA credit)			Net Monthly Bill (with RPA credit)			Percent Difference
			Est. UE-180 Bill	Proposed Bill*	Percent Difference	Est. UE-180 Bill	Proposed Bill*	Percent Difference	
30%	21,900	100	\$1,895.52	\$1,946.78	2.70%	\$1,630.25	\$1,681.51	3.14%	
	43,800	200	\$3,715.95	\$3,818.48	2.76%	\$3,185.41	\$3,287.94	3.22%	
	76,650	350	\$6,446.59	\$6,626.02	2.78%	\$5,518.15	\$5,697.57	3.25%	
	109,500	500	\$9,177.24	\$9,433.56	2.79%	\$7,850.89	\$8,107.21	3.26%	
	142,350	650	\$11,907.89	\$12,241.10	2.80%	\$10,183.63	\$10,516.85	3.27%	
	186,150	850	\$15,548.75	\$15,984.49	2.80%	\$13,293.95	\$13,729.70	3.28%	
	219,000	1,000	\$18,279.39	\$18,792.04	2.80%	\$15,626.69	\$16,139.33	3.28%	
50%	36,500	100	\$2,737.65	\$2,820.35	3.02%	\$2,295.53	\$2,378.23	3.60%	
	73,000	200	\$5,400.22	\$5,565.60	3.06%	\$4,515.98	\$4,681.37	3.66%	
	127,750	350	\$9,394.06	\$9,683.49	3.08%	\$7,846.65	\$8,136.08	3.69%	
	182,500	500	\$13,367.91	\$13,801.38	3.09%	\$11,177.32	\$11,590.79	3.70%	
	237,250	650	\$17,381.76	\$17,919.26	3.09%	\$14,508.00	\$15,045.50	3.70%	
	310,250	850	\$22,706.89	\$23,409.78	3.10%	\$18,948.89	\$19,651.79	3.71%	
	365,000	1,000	\$26,700.73	\$27,527.67	3.10%	\$22,279.56	\$23,106.50	3.71%	
70%	51,100	100	\$3,579.79	\$3,693.91	3.19%	\$2,960.82	\$3,074.94	3.85%	
	102,200	200	\$7,084.48	\$7,312.73	3.22%	\$5,846.56	\$6,074.80	3.90%	
	178,850	350	\$12,341.53	\$12,740.96	3.24%	\$10,175.16	\$10,574.59	3.93%	
	255,500	500	\$17,598.58	\$18,169.19	3.24%	\$14,503.76	\$15,074.37	3.93%	
	332,150	650	\$22,855.63	\$23,597.43	3.25%	\$18,832.36	\$19,574.16	3.94%	
	434,350	850	\$29,865.02	\$30,835.07	3.25%	\$24,603.83	\$25,573.87	3.94%	
	511,000	1,000	\$35,122.07	\$36,263.30	3.25%	\$28,932.43	\$30,073.66	3.94%	
90%	65,700	100	\$4,421.92	\$4,567.47	3.29%	\$3,626.11	\$3,771.66	4.01%	
	131,400	200	\$8,768.75	\$9,059.86	3.32%	\$7,177.13	\$7,468.23	4.06%	
	229,950	350	\$15,289.00	\$15,798.43	3.33%	\$12,503.66	\$13,013.09	4.07%	
	328,500	500	\$21,809.25	\$22,537.01	3.34%	\$17,830.19	\$18,557.96	4.08%	
	427,050	650	\$28,329.50	\$29,275.59	3.34%	\$23,156.73	\$24,102.82	4.09%	
	558,450	850	\$37,023.16	\$38,260.36	3.34%	\$30,258.77	\$31,495.96	4.09%	
	657,000	1,000	\$43,543.41	\$44,998.93	3.34%	\$35,585.30	\$37,040.82	4.09%	

\*Includes Port Westward

**PORTLAND GENERAL ELECTRIC**  
Effect of Proposed Rate Change on Monthly Bills  
**Tariff Schedule 89, Secondary.**

Note: Bill comparison includes Low Income Energy Assistance and Public Purpose Charges  
Bill Comparison assumes 60% on-peak, 40% off-peak energy consumption

Load Factor	Net Monthly Bill			Percent Difference		
	kwh	kW	Est. UE-180 Bill			
30%	219,000	1,000	\$18,736.79	\$19,267.47	2.75%	
	438,000	2,000	\$35,351.77	\$36,413.15	3.00%	
	876,000	4,000	\$68,581.75	\$70,704.49	3.10%	
	1,642,500	7,500	\$126,692.18	\$130,672.33	3.14%	
	2,190,000	10,000	\$168,048.97	\$173,355.84	3.16%	
	3,285,000	15,000	\$250,762.55	\$258,722.85	3.17%	
	4,380,000	20,000	\$333,476.13	\$344,089.87	3.18%	
	50%	365,000	1,000	\$27,403.24	\$28,260.26	3.13%
		730,000	2,000	\$52,684.69	\$54,398.71	3.25%
		1,460,000	4,000	\$103,247.58	\$106,675.62	3.32%
2,737,500		7,500	\$191,329.26	\$197,756.85	3.36%	
3,650,000		10,000	\$254,231.75	\$262,801.86	3.37%	
5,475,000		15,000	\$380,036.72	\$392,891.89	3.38%	
7,300,000		20,000	\$505,841.69	\$522,981.92	3.39%	
70%		511,000	1,000	\$36,069.70	\$37,253.04	3.28%
		1,022,000	2,000	\$70,017.60	\$72,384.28	3.38%
		2,044,000	4,000	\$137,738.89	\$142,472.23	3.44%
	3,832,500	7,500	\$255,966.34	\$264,841.36	3.47%	
	5,110,000	10,000	\$340,414.52	\$352,247.88	3.48%	
	7,665,000	15,000	\$509,310.88	\$527,060.93	3.49%	
	10,220,000	20,000	\$678,207.25	\$701,873.97	3.49%	
	90%	657,000	1,000	\$44,736.16	\$46,245.82	3.37%
		1,314,000	2,000	\$87,350.52	\$90,369.84	3.46%
		2,628,000	4,000	\$172,212.00	\$178,250.64	3.51%
4,927,500		7,500	\$320,603.43	\$331,925.88	3.53%	
6,570,000		10,000	\$426,597.30	\$441,693.91	3.54%	
9,855,000		15,000	\$638,585.05	\$661,229.96	3.55%	
13,140,000		20,000	\$850,572.80	\$880,766.02	3.55%	

\*Includes Port Westward

**PORTLAND GENERAL ELECTRIC**

**Effect of Proposed Rate Change on Monthly Bills**

**Tariff Schedule 89, Primary, 3 phase service.**

Note: Bill comparison includes Low Income Energy Assistance Charge and Public Purpose Charges  
Bill Comparison assumes 60% on-peak, 40% off-peak energy consumption

Load Factor	Net Monthly Bill			Percent Difference	
	kwh	kW	Est. UE-180 Bill		
30%	219,000	1,000	\$18,190.46	\$18,696.34	2.96%
	438,000	2,000	\$34,156.12	\$35,167.87	3.06%
	876,000	4,000	\$66,087.45	\$68,110.95	3.11%
	1,642,500	7,500	\$121,925.24	\$125,719.30	3.13%
	2,190,000	10,000	\$161,658.72	\$166,717.47	3.15%
	3,285,000	15,000	\$241,125.69	\$248,713.80	3.16%
50%	4,380,000	20,000	\$320,592.65	\$330,710.13	
	365,000	1,000	\$26,533.90	\$27,349.56	3.07%
	730,000	2,000	\$50,843.01	\$52,474.32	3.21%
	1,460,000	4,000	\$99,461.22	\$102,723.84	3.28%
	2,737,500	7,500	\$184,139.70	\$190,257.13	3.32%
	3,650,000	10,000	\$244,611.34	\$252,767.91	3.33%
70%	5,475,000	15,000	\$365,554.61	\$377,789.46	3.35%
	7,300,000	20,000	\$486,497.88	\$502,811.02	3.35%
	511,000	1,000	\$34,877.35	\$36,002.79	3.23%
	1,022,000	2,000	\$67,529.89	\$69,780.77	3.33%
	2,044,000	4,000	\$132,660.46	\$137,162.22	3.39%
	3,832,500	7,500	\$246,354.17	\$254,794.96	3.43%
90%	5,110,000	10,000	\$327,563.95	\$338,818.35	3.44%
	7,665,000	15,000	\$489,983.53	\$506,865.13	3.45%
	10,220,000	20,000	\$652,403.11	\$674,911.91	3.45%
	657,000	1,000	\$43,220.79	\$44,656.01	3.32%
	1,314,000	2,000	\$84,216.77	\$87,087.22	3.41%
	2,628,000	4,000	\$165,841.51	\$171,582.40	3.46%
	4,927,500	7,500	\$308,568.63	\$319,332.80	3.49%
	6,570,000	10,000	\$410,516.57	\$424,868.80	3.50%
	9,855,000	15,000	\$614,412.46	\$635,940.79	3.50%
	13,140,000	20,000	\$818,308.34	\$847,012.79	3.51%

\*Includes Port Westward

**PORTLAND GENERAL ELECTRIC**  
Effect of Proposed Rate Change on Monthly Bills  
Tariff Schedule 89, Transmission

Note: Bill comparison includes Low Income Energy Assistance and Public Purpose Charges  
Bill Comparison assumes 60% on-peak, 40% off-peak energy consumption

Load Factor	Net Monthly Bill			Percent Difference
	kwh	kw	Est. UE-180 Bill	
30%	876,000	4,000	\$61,334.72	3.25%
	1,095,000	5,000	\$75,913.92	3.29%
	2,190,000	10,000	\$148,587.24	3.36%
	4,380,000	20,000	\$293,656.58	3.40%
	8,760,000	40,000	\$583,795.26	3.42%
	10,950,000	50,000	\$728,864.60	3.42%
50%	15,330,000	70,000	\$1,019,003.28	3.43%
	1,460,000	4,000	\$94,224.86	3.41%
	1,825,000	5,000	\$116,924.35	3.44%
	3,650,000	10,000	\$230,330.80	3.49%
	7,300,000	20,000	\$457,143.70	3.52%
	14,600,000	40,000	\$910,769.50	3.53%
70%	18,250,000	50,000	\$1,137,582.41	3.54%
	25,550,000	70,000	\$1,591,208.21	3.54%
	2,044,000	4,000	\$126,940.48	3.50%
	2,555,000	5,000	\$157,796.13	3.52%
	5,110,000	10,000	\$312,074.36	3.56%
	10,220,000	20,000	\$620,630.82	3.58%
90%	20,440,000	40,000	\$1,237,743.75	3.59%
	25,550,000	50,000	\$1,546,300.21	3.59%
	35,770,000	70,000	\$2,163,413.13	3.59%
	2,628,000	4,000	\$159,637.91	3.55%
	3,285,000	5,000	\$198,667.91	3.56%
	6,570,000	10,000	\$393,817.92	3.59%
90%	13,140,000	20,000	\$784,117.94	3.61%
	26,280,000	40,000	\$1,564,717.99	3.62%
	32,850,000	50,000	\$1,955,018.01	3.62%
	45,990,000	70,000	\$2,735,618.05	3.62%
	2,044,000	4,000	\$131,379.08	3.50%
	2,555,000	5,000	\$163,344.38	3.52%
5,110,000	10,000	\$323,170.86	3.56%	
10,220,000	20,000	\$642,823.82	3.58%	
20,440,000	40,000	\$1,282,129.74	3.59%	
25,550,000	50,000	\$1,601,782.70	3.59%	
35,770,000	70,000	\$2,241,088.62	3.59%	
2,628,000	4,000	\$165,297.59	3.55%	
3,285,000	5,000	\$205,742.52	3.56%	
6,570,000	10,000	\$407,967.13	3.59%	
13,140,000	20,000	\$812,416.37	3.61%	
26,280,000	40,000	\$1,621,314.84	3.62%	
32,850,000	50,000	\$2,025,764.07	3.62%	
45,990,000	70,000	\$2,834,662.54	3.62%	

**PORTLAND GENERAL ELECTRIC**  
Effect of Proposed Rate Change on Monthly Bills  
**Tariff Schedule 47 Summer Period**

Note: Bill comparison includes Low Income Energy Assistance and Public Purpose Charges

kW	kWh	Net Monthly Bill (without RPA credit)			Net Monthly Bill (with RPA credit)		
		Est. UE-180 Bill	Proposed Bill*	Percent Difference	Est. UE-180 Bill	Proposed Bill*	Percent Difference
10	50	\$30.40	\$30.51	0.36%	\$29.79	\$29.90	0.37%
10	100	\$35.05	\$35.27	0.63%	\$33.84	\$34.06	0.65%
10	500	\$72.24	\$73.35	1.53%	\$66.19	\$67.29	1.67%
10	1,000	\$108.44	\$110.64	2.03%	\$96.33	\$98.53	2.29%
10	2,000	\$180.83	\$185.24	2.44%	\$156.60	\$161.01	2.82%
10	5,000	\$397.99	\$409.02	2.77%	\$337.43	\$348.45	3.27%
20	100	\$35.05	\$35.27	0.63%	\$33.84	\$34.06	0.65%
20	200	\$44.35	\$44.79	0.99%	\$41.93	\$42.37	1.05%
20	500	\$72.24	\$73.35	1.53%	\$66.19	\$67.29	1.67%
20	1,000	\$118.74	\$120.94	1.86%	\$106.63	\$108.83	2.07%
20	2,000	\$191.13	\$195.54	2.31%	\$166.90	\$171.31	2.64%
20	5,000	\$408.29	\$419.32	2.70%	\$347.73	\$358.75	3.17%
20	8,000	\$625.46	\$643.09	2.82%	\$528.56	\$546.19	3.34%
30	150	\$39.70	\$40.03	0.83%	\$37.88	\$38.21	0.87%
30	500	\$72.24	\$73.35	1.53%	\$66.19	\$67.29	1.67%
30	1,000	\$118.74	\$120.94	1.86%	\$106.63	\$108.83	2.07%
30	3,000	\$273.82	\$280.43	2.41%	\$237.48	\$244.09	2.78%
30	5,000	\$418.59	\$429.62	2.63%	\$358.03	\$369.05	3.08%
30	8,000	\$635.76	\$653.39	2.77%	\$538.86	\$556.49	3.27%
30	10,000	\$780.54	\$802.58	2.82%	\$659.41	\$681.45	3.34%
30	15,000	\$1,142.48	\$1,175.55	2.89%	\$960.79	\$993.85	3.44%

\*Includes Port Westward

**PORTLAND GENERAL ELECTRIC**  
Effect of Proposed Rate Change on Monthly Bills  
Tariff Schedule 49 Summer Period

Note: Bill comparison includes Low Income Energy Assistance and Public Purpose Charges

LF	kW	kWh	Est. UE-180 Bill		Net Monthly Bill (without RPA credit)		Net Monthly Bill (with RPA credit)		Percent Difference	Percent Difference
			Est. UE-180 Bill	Proposed Bill*	Est. UE-180 Bill	Proposed Bill*	Est. UE-180 Bill	Proposed Bill*		
20%	35	5,110	\$398.12	\$409.17	\$336.22	\$347.28	\$336.22	\$347.28	2.78%	3.29%
40%	35	10,220	\$729.29	\$751.39	\$605.49	\$627.60	\$605.49	\$627.60	3.03%	3.65%
60%	35	15,330	\$1,060.46	\$1,093.62	\$874.77	\$907.93	\$874.77	\$907.93	3.13%	3.79%
80%	35	20,440	\$1,391.63	\$1,435.84	\$1,144.04	\$1,188.25	\$1,144.04	\$1,188.25	3.18%	3.86%
20%	50	7,300	\$555.50	\$571.29	\$467.07	\$482.86	\$467.07	\$482.86	2.84%	3.38%
40%	50	14,600	\$1,028.60	\$1,060.18	\$851.75	\$883.33	\$851.75	\$883.33	3.07%	3.71%
60%	50	21,900	\$1,501.70	\$1,549.06	\$1,236.42	\$1,283.79	\$1,236.42	\$1,283.79	3.15%	3.83%
80%	50	29,200	\$1,974.79	\$2,037.95	\$1,621.10	\$1,684.26	\$1,621.10	\$1,684.26	3.20%	3.90%
20%	70	10,220	\$765.34	\$787.44	\$641.54	\$663.65	\$641.54	\$663.65	2.89%	3.45%
40%	70	20,440	\$1,427.68	\$1,471.89	\$1,180.09	\$1,224.30	\$1,180.09	\$1,224.30	3.10%	3.75%
60%	70	30,660	\$2,090.01	\$2,156.33	\$1,718.63	\$1,784.95	\$1,718.63	\$1,784.95	3.17%	3.86%
80%	70	40,880	\$2,752.35	\$2,840.77	\$2,257.18	\$2,345.60	\$2,257.18	\$2,345.60	3.21%	3.92%
20%	100	14,600	\$1,080.10	\$1,111.68	\$903.25	\$934.83	\$903.25	\$934.83	2.92%	3.50%
40%	100	29,200	\$2,026.29	\$2,089.45	\$1,672.60	\$1,735.76	\$1,672.60	\$1,735.76	3.12%	3.78%
60%	100	43,800	\$2,972.49	\$3,067.23	\$2,441.95	\$2,536.69	\$2,441.95	\$2,536.69	3.19%	3.88%
80%	100	58,400	\$3,918.69	\$4,045.01	\$3,211.30	\$3,337.62	\$3,211.30	\$3,337.62	3.22%	3.93%
20%	200	29,200	\$2,129.29	\$2,192.45	\$1,775.60	\$1,838.76	\$1,775.60	\$1,838.76	2.97%	3.56%
40%	200	58,400	\$4,021.69	\$4,148.01	\$3,314.30	\$3,440.62	\$3,314.30	\$3,440.62	3.14%	3.81%
60%	200	87,600	\$5,914.08	\$6,103.56	\$4,853.00	\$5,042.48	\$4,853.00	\$5,042.48	3.20%	3.90%
80%	200	116,800	\$7,806.47	\$8,059.11	\$6,391.70	\$6,644.34	\$6,391.70	\$6,644.34	3.24%	3.95%

\*Includes Port Westward

## CERTIFICATE OF SERVICE

I hereby certify that I have this day on behalf of Portland General Electric caused the following documents:

- Advice No. 06-10
- Pretrial Brief
- Direct Testimony of Pamela Lesh (PGE/100)
- Direct Testimony and Exhibits of L. Alex Tooman and Jay Tinker (PGE/200-201)
- Direct Testimony and Exhibits of Doug Kuns and Marc Cody (PGE/300-303)
- Motion for Waiver of OAR 860-022-0017: Expedited Consideration Requested
- Motion to Consolidate with Docket UE 180

to be served by electronic mail, and for the parties who have not waived paper service, by First Class US Mail, postage prepaid and properly addressed, upon each party on the attached service list, pursuant to Oregon Administrative Rule 860-013-0070.

Dated at Portland, Oregon, this 24<sup>th</sup> day of April, 2006.

/s/ DOUGLAS C. TINGEY

Douglas C. Tingey

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