

**BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON**

UE 435

In the Matter of)	OREGON CITIZENS' UTILITY
)	BOARD'S REVISED CROSS-
PORTLAND GENERAL ELECTRIC)	EXAMINATION EXHIBITS
COMPANY,)	
)	
Request for a General Rate Revision.)	
_____)	

Pursuant to Administrative Law Judge (ALJ) Katherine Mapes September 27, 2024 hearing procedures memorandum and September 27 ruling on the procedural schedule modification, the Oregon Citizens' Utility Board (CUB) submitted its cross examination statement and exhibits on October 8th, 2024. In formatting two exhibits from their native format to a PDF to prepare them for filing, the exhibits became illegible. Accordingly, CUB has worked with the filing center and now resubmits amended exhibits CUB/700 and CUB/741. Exhibit CUB/700 now includes both a revised PDF of the exhibit as well as the exhibit in its native format (Excel) on file with the Commission. CUB/741 includes a revised PDF. The exhibit is also available online at www.cbre.com/insights/reports/north-america-data-center-trends-h2-2023.

Dated this 9th day of October 2024.

Respectfully submitted,

/s/Claire Valentine-Fossum

Claire Valentine-Fossum, VT #6260
(admitted pro hac vice)
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October 7, 2024

To: Sarah Wochele
Oregon Citizens' Utility Board

From: Jaki Ferchland
Senior Manager, Revenue Requirement

Portland General Electric Company
UE 435
PGE Response to CUB Data Request 137
Dated September 30, 2024

Request:

Please provide the rate spread associated with the Seaside battery project.

Response:

Attachment 137-A provides the rate spread associated with the revenue requirement in this case, inclusive of the Constable Battery Project revenue requirement and the Seaside Battery Project revenue requirement.

UE 435
PGE's Response to CUB DR 137
Attachment A

PORTLAND GENERAL ELECTRIC
2025 Test Period Functionalized Revenue Requirement

Function	Amount	Spread
PRODUCTION	\$1,738,570	\$1,738,570
TRANSMISSION	\$139,555	\$139,555
ANCILLARY	\$7,831	\$7,831
DISTRIBUTION	\$957,796	\$957,796
METERING	\$2,442	\$2,442
BILLING	\$48,083	\$48,083
CONSUMER	\$141,288	\$141,288
TOTALS	\$3,035,565	\$3,035,565
Schedule 129		\$1,185
Schedule 139		\$0
Employee Discount		\$1,118
Partial Requirements Transmission		\$0
Partial Requirements Distribution		\$0
Spread Total		\$3,037,867

Note: Employee discount is allocated to distribution

	Base	Constable	Total
Production	\$ 1,688,263	\$ 11,422	\$ 1,699,685
Transmission	\$ 138,697	\$ 353	\$ 139,050
Distribution	\$ 956,219	\$ 363	\$ 956,582
Ancillary	\$ 7,831	\$ -	\$ 7,831
Metering	\$ 2,442	\$ -	\$ 2,442
Billing	\$ 48,083	\$ -	\$ 48,083
Other Consumer	\$ 141,288	\$ -	\$ 141,288
Total Regulated	\$ 2,982,822	\$ 12,138	\$ 2,994,960

Seaside	Total
\$ 38,885	#####
\$ 504	\$ 139,555
\$ 1,215	\$ 957,796
\$ -	\$ 7,831
\$ -	\$ 2,442
\$ -	\$ 48,083
\$ -	\$ 141,288
\$ 40,605	#####

Constable Total Production
4620.27 NVPC
17941.8 Fixed
11421.6

A	B	C	D	E
UE 435, 2025				
Unbundled Revenue Requirement				
Dollars in \$000s				
Production		1,688,263		
Transmission		138,697		
Distribution		956,219		
Ancillary		7,831		
Metering		2,442		
Billing		48,083		
Other Consumer		141,288		
Total Regulated		2,982,822		
ROE = 9.65%				
October 1 NVPC - Surrebuttal Testimony - No BESS				

A	B	C	D	E	F	G
2025 Unbundled Revenue Requirement Constable						
Dollars in \$000s						
4	Production - NVPC	(6,520)				
5	Production - Fixed	17,942				
6	Transmission	333				
7	Distribution	363				
8	Ancillary	-				
9	Metering	-				
10	Billing	-				
11	Other Consumer	-				
12	Total Regulated	12,138				
14	Check	12,138				
Constable w/ ITC benefits, May 1 Update, Oct 01 NVPC, 9.65 ROE						

A	B	C	D	E
2025 Unbundled Revenue Requirement Seaside				
Dollars in \$000s				
4	Production - NVPC	(12,716)		
5	Production - Fixed	51,602		
6	Transmission	504		
7	Distribution	1,215		
8	Ancillary	-		
9	Metering	-		
10	Billing	-		
11	Other Consumer	-		
12	Total Regulated	40,605		
14	Check	40,605		
15	Integrated	45,066		

Seaside Total Production
-12,716
51,602
38,885

PORTLAND GENERAL ELECTRIC
UNBUNDLED 2025 COSTS (\$000)

	Unbundled Costs	Adjusted to Cycle	Base	Constable	Seaside
Fixed Generation Revenue Requirement	\$768,675	\$766,923			
Net Variable Power Costs	<u>\$969,895</u>	<u>\$967,685</u>	\$ 988,962	-6462.8	\$ 969,895
Production Costs	<u>\$1,738,570</u>	<u>\$1,734,608</u>			
Ancillary Services	\$7,831	\$7,813			
Transmission					
Transmission	\$139,555				
Partial Requirements Daily Demand	<u>\$0</u>				
Transmission Costs	\$139,555	\$139,231			
Distribution Services	\$957,796				
Franchise	(\$77,980)				
Uncollectibles	(\$12,160)				
Trojan Decommissioning	(\$1,896)				
Partial Requirements Daily Demand	<u>\$0</u>				
Employee Discount	\$1,118	\$1,118			
Distribution Costs	<u>\$866,879</u>	<u>\$864,730</u>			
Consumer Services					
Metering Services	\$2,442	\$2,436			
Billing Services	\$48,083	\$47,964			
Other Consumer Services	\$141,288	\$140,938			
Franchise Fees	\$77,980	\$77,787	76627.00897	311.347	76938.35597
Uncollectibles	\$12,160	\$12,130	11949.14168	48.5512	11997.69283
Trojan Decommissioning	\$1,896	\$1,891			
Schedule 129	\$1,185	\$1,185			
Schedule 139	\$0	\$0			
Totals	\$3,037,867	\$3,030,711			
Net of employee discount	\$3,036,750	\$3,029,593			
Net of Sch 129 and Sch 139	\$3,035,565	\$3,028,408			
Calendar MWH (COS & ESS)	22,499,683				
Cycle MWH (COS & ESS)	22,443,910				
Cycle/Cal Ratio	99.75%				
COS Calendar Energy MWH	20,010,920				
COS Cycle MWH	19,964,492				
Cycle/Cal Ratio	99.77%				

**SUMMARY
PORTLAND GENERAL ELECTRIC
ESTIMATED EFFECT ON CONSUMERS' TOTAL ELECTRIC BILLS
2025**

CATEGORY	RATE SCHEDULE	Table 1-F				Table 1-G		Table 1-A			
		PGE Opening Testimony CURRENT (LIA & PPC excluded)	CURRENT (LIA & PPC excluded)	GRC RATE INCREASE (excl. incremental power costs)		INCREMENTAL POWER COSTS		EXPECTED SUPPLEMENTAL SCHEDULE CHANGES		ALL-IN RATE INCREASE (GRC + power costs + supplementals)	
		AMOUNT	AMOUNT	AMOUNT	PCT.	AMOUNT	PCT.	AMOUNT	PCT.	AMOUNT	PCT.
Residential	7	1,547,540,667	1,531,866,571	\$144,198,224	9.4%	\$1,103,701	0.1%	\$1,617,989	0.1%	\$146,919,914	9.6%
Employee Discount		(1,042,989)	(1,031,478)	(\$84,340)		(\$2,047)		(\$18,195)		(\$100,488)	
Subtotal		1,546,497,678	1,530,835,093	\$144,113,884	9.4%	\$1,101,654	0.1%	\$1,599,794	0.1%	\$146,819,426	9.6%
Outdoor Area Lighting	15	4,257,761	4,162,269	\$295,725	7.1%	\$6,048	0.1%	(\$12,745)	-0.3%	\$289,028	6.9%
General Service <30 kW	32	284,565,806	278,234,300	\$36,220,142	13.0%	(\$809,829)	-0.3%	(\$3,827,557)	-1.4%	\$31,582,756	11.4%
Opt. Time-of-Day G.S. >30 kW	38	5,210,160	5,145,500	\$725,299	14.1%	(\$2,425)	0.0%	(\$10,534)	-0.2%	\$712,341	13.8%
Irrig. & Drain. Pump. < 30 kW	47	5,372,929	5,250,754	\$678,319	12.9%	\$64,981	1.2%	(\$19,454)	-0.4%	\$723,846	13.8%
Irrig. & Drain. Pump. > 30 kW	49	13,526,353	12,997,769	\$1,924,853	14.8%	(\$61,169)	-0.5%	(\$58,406)	-0.4%	\$1,805,278	13.9%
General Service 31-200 kW	83	402,681,183	399,265,731	\$49,858,996	12.5%	(\$910,761)	-0.2%	(\$346,444)	-0.1%	\$48,601,791	12.2%
General Service 201-4,000 kW											
Secondary	85-S	243,269,648	240,607,711	\$28,718,097	11.9%	(\$1,265,423)	-0.5%	(\$1,424,745)	-0.6%	\$26,027,929	10.8%
Primary	85-P	68,450,606	70,902,116	\$8,479,387	12.0%	(\$445,644)	-0.6%	(\$713,747)	-1.0%	\$7,319,997	10.3%
Schedule 89 > 4 MW											
Primary	89-P	92,564,008	101,288,511	\$13,109,540	12.9%	(\$718,785)	-0.7%	(\$729,667)	-0.7%	\$11,661,088	11.5%
Subtransmission	89-T/75-T	3,423,300	4,076,964	\$499,348	12.2%	(\$24,713)	-0.6%	(\$30,132)	-0.7%	\$444,504	10.9%
Schedule 90	90-P	302,725,316	302,794,016	\$23,816,673	7.9%	(\$1,893,152)	-0.6%	(\$2,004,362)	-0.7%	\$19,919,158	6.6%
Street & Highway Lighting	91/95	13,667,932	13,963,992	\$838,369	6.0%	(\$56,153)	-0.4%	(\$38,585)	-0.3%	\$743,630	5.3%
Traffic Signals	92	284,488	289,074	\$20,452	7.1%	(\$1,628)	-0.6%	(\$3,221)	-1.1%	\$15,602	5.4%
COS TOTALS		2,986,497,167	2,969,813,799	\$309,299,083	10.4%	(\$5,016,998)	-0.2%	(\$7,619,806)	-0.3%	\$296,666,373	10.0%
Direct Access Service 201-4,000 kW											
Secondary	485-S	13,057,680	12,653,151	\$624,142	4.9%	\$0	0.0%	\$71,258	0.6%	\$695,400	5.5%
Primary	485-P	7,515,715	6,178,606	\$355,074	5.7%	\$0	0.0%	\$26,021	0.4%	\$381,095	6.2%
Direct Access Service > 4 MW											
Primary	489-P	11,819,207	9,337,233	\$1,347,776	14.4%	\$0	0.0%	(\$1,374)	0.0%	\$1,346,402	14.4%
Subtransmission	489-T	2,598,917	2,140,977	(\$93,514)	-4.4%	\$0	0.0%	(\$26,522)	-1.2%	(\$120,036)	-5.6%
New Load Direct Access Service > 10MW											
Primary	689-P	3,642,574	7,248,152	(\$1,174,502)	-16.2%	\$0	0.0%	\$2,539	0.0%	(\$1,171,963)	-16.2%
DIRECT ACCESS TOTALS		38,634,093	37,558,119	\$1,058,977	2.8%	\$0	0.0%	\$71,922	0.2%	\$1,130,899	3.0%
COS AND DA CYCLE TOTALS		3,025,131,259	3,007,371,918	\$310,358,060	10.3%	(\$5,016,998)	-0.2%	(\$7,547,884)	-0.3%	\$297,797,272	9.9%

TABLE 1
PORTLAND GENERAL ELECTRIC
ESTIMATED EFFECT ON CONSUMERS' TOTAL ELECTRIC BILLS
2025

CATEGORY	RATE SCHEDULE	CUSTOMERS	MWH SALES	TOTAL ELECTRIC BILLS		Change		PCT.
				CURRENT	PROPOSED	AMOUNT	PCT.	
				all supplementals (LIA & PPC excluded)	all supplementals (LIA & PPC excluded)			
Residential	7	837,946	7,883,579	\$1,531,866,571	\$1,678,786,485	\$146,919,914	9.6%	
Employee Discount				(\$1,031,478)	(\$1,131,966)	(\$100,488)		
Subtotal				\$1,530,835,093	\$1,677,654,519	\$146,819,426	9.6%	
Outdoor Area Lighting	15	0	12,601	\$4,162,269	\$4,451,298	\$289,028	6.9%	
General Service <30 kW	32	96,817	1,527,980	\$278,234,300	\$309,817,055	\$31,582,756	11.4%	
Opt. Time-of-Day G.S. >30 kW	38	382	26,943	\$5,145,500	\$5,857,841	\$712,341	13.8%	
Irrig. & Drain. Pump. < 30 kW	47	2,627	20,962	\$5,250,754	\$5,974,600	\$723,846	13.8%	
Irrig. & Drain. Pump. > 30 kW	49	1,369	58,816	\$12,997,769	\$14,803,047	\$1,805,278	13.9%	
General Service 31-200 kW	83	11,797	2,846,128	\$399,265,731	\$447,867,521	\$48,601,791	12.2%	
General Service 201-4,000 kW								
Secondary	85-S	1,263	2,041,005	\$240,607,711	\$266,635,640	\$26,027,929	10.8%	
Primary	85-P	176	718,780	\$70,902,116	\$78,222,112	\$7,319,997	10.3%	10.7%
Schedule 89 > 4 MW								
Primary	89-P	27	1,105,823	\$101,288,511	\$112,949,599	\$11,661,088	11.5%	
Subtransmission	89-T/75-T	3	38,613	\$4,076,964	\$4,521,468	\$444,504	10.9%	11.5%
Schedule 90	90-P	8	3,640,677	\$302,794,016	\$322,713,174	\$19,919,158	6.6%	
Street & Highway Lighting	91/95	201	39,825	\$13,963,992	\$14,707,622	\$743,630	5.3%	
Traffic Signals	92	0	2,760	\$289,074	\$304,676	\$15,602	5.4%	
COS TOTALS		952,615	19,964,492	\$2,969,813,799	\$3,266,480,172	\$296,666,373	10.0%	
Direct Access Service 201-4,000 kW								
Secondary	485-S	211	438,351	\$12,653,151	\$13,348,551	\$695,400	5.5%	
Primary	485-P	48	278,884	\$6,178,606	\$6,559,701	\$381,095	6.2%	5.7%
Direct Access Service > 4 MW								
Primary	489-P	16	1,042,401	\$9,337,233	\$10,683,634	\$1,346,402	14.4%	
Subtransmission	489-T	3	204,711	\$2,140,977	\$2,020,942	(\$120,036)	-5.6%	10.7%
New Load Direct Access Service > 10MW								
Primary	689-P	3	515,071	\$7,248,152	\$6,076,189	(\$1,171,963)	-16.2%	
DIRECT ACCESS TOTALS		281	2,479,418	37,558,119	38,689,017	\$1,130,899	3.0%	
COS AND DA CYCLE TOTALS		952,896	22,443,910	\$3,007,371,918	\$3,305,169,190	\$297,797,272	9.9%	14.9% CIO Threshold

**TABLE 1-B
PORTLAND GENERAL ELECTRIC
ESTIMATED EFFECT OF BASE RATES ON CONSUMERS' TOTAL ELECTRIC BILLS
2025**

CATEGORY	RATE SCHEDULE	CUSTOMERS	MWH SALES	TOTAL ELECTRIC BILLS		Change		PCT.
				CURRENT	PROPOSED	AMOUNT	PCT.	
				all supplementals (LIA & PPC excluded)	base rates (incl. Schs 122a & 146); all other supplementals at current (LIA & PPC excluded)			
Residential	7	837,946	7,883,579	\$1,531,866,571	\$1,677,168,497	\$145,301,925	9.5%	
Employee Discount				(\$1,031,478)	(\$1,117,866)	(\$86,387)		1,117.87
Subtotal				\$1,530,835,093	\$1,676,050,631	\$145,215,538	9.5%	
Outdoor Area Lighting	15	0	12,601	\$4,162,269	\$4,464,043	\$301,773	7.3%	
General Service <30 kW	32	96,817	1,527,980	\$278,234,300	\$313,644,612	\$35,410,313	12.7%	
Opt. Time-of-Day G.S. >30 kW	38	382	26,943	\$5,145,500	\$5,868,374	\$722,874	14.0%	
Irrig. & Drain. Pump. < 30 kW	47	2,627	20,962	\$5,250,754	\$5,994,054	\$743,300	14.2%	
Irrig. & Drain. Pump. > 30 kW	49	1,369	58,816	\$12,997,769	\$14,861,453	\$1,863,684	14.3%	
General Service 31-200 kW	83	11,797	2,846,128	\$399,265,731	\$448,213,965	\$48,948,235	12.3%	
General Service 201-4,000 kW								
Secondary	85-S	1,263	2,041,005	\$240,607,711	\$268,060,385	\$27,452,674	11.4%	
Primary	85-P	176	718,780	\$70,902,116	\$78,935,859	\$8,033,743	11.3%	11.4%
Schedule 89 > 4 MW								
Primary	89-P	27	1,105,823	\$101,288,511	\$113,679,266	\$12,390,755	12.2%	
Subtransmission	89-T/75-T	3	38,613	\$4,076,964	\$4,551,599	\$474,636	11.6%	12.2%
Schedule 90	90-P	8	3,640,677	\$302,794,016	\$324,717,537	\$21,923,521	7.2%	
Street & Highway Lighting	91/95	201	39,825	\$13,963,992	\$14,746,208	\$782,215	5.6%	
Traffic Signals	92	0	2,760	\$289,074	\$307,898	\$18,823	6.5%	
COS TOTALS		952,615	19,964,492	\$2,969,813,799	\$3,274,095,884	\$304,282,085	10.2%	
Direct Access Service 201-4,000 kW								
Secondary	485-S	211	438,351	\$12,653,151	\$13,277,293	\$624,142	4.9%	
Primary	485-P	48	278,884	\$6,178,606	\$6,533,680	\$355,074	5.7%	5.2%
Direct Access Service > 4 MW								
Primary	489-P	16	1,042,401	\$9,337,233	\$10,685,008	\$1,347,776	14.4%	
Subtransmission	489-T	3	204,711	\$2,140,977	\$2,047,464	(\$93,514)	-4.4%	10.9%
New Load Direct Access Service > 10MW								
Primary	689-P	3	515,071	\$7,248,152	\$6,073,651	(\$1,174,502)	-16.2%	-16.2%
DIRECT ACCESS TOTALS		281	2,479,418	37,558,119	38,617,096	\$1,058,977	2.8%	
COS AND DA CYCLE TOTALS		952,896	22,443,910	\$3,007,371,918	\$3,312,712,980	\$305,341,062	10.2%	

**This table was labeled Table 1-D in PGE's Opening Filing
Same as Table 1-E because no incremental change to Schedules 122a or 146

**TABLE 1-C
PORTLAND GENERAL ELECTRIC
ESTIMATED EFFECT OF BASE RATES ON CONSUMERS' TOTAL ELECTRIC BILLS
2025**

CATEGORY	RATE SCHEDULE	CUSTOMERS	MWH SALES	TOTAL ELECTRIC BILLS		Change	
				CURRENT	PROPOSED	AMOUNT	PCT.
				all supplementals (LIA & PPC excluded)	base rates and Sch 102; all other supplementals at current (LIA & PPC excluded)		
Residential	7	837,946	7,883,579	\$1,531,866,571	\$1,677,168,497	\$145,301,925	9.5%
Employee Discount				(\$1,031,478)	(\$1,117,866)	(\$86,387)	
Subtotal				\$1,530,835,093	\$1,676,050,631	\$145,215,538	9.5%
Outdoor Area Lighting	15	0	12,601	\$4,162,269	\$4,464,043	\$301,773	7.3%
General Service <30 kW	32	96,817	1,527,980	\$278,234,300	\$313,644,612	\$35,410,313	12.7%
Opt. Time-of-Day G.S. >30 kW	38	382	26,943	\$5,145,500	\$5,868,374	\$722,874	14.0%
Irrig. & Drain. Pump. < 30 kW	47	2,627	20,962	\$5,250,754	\$5,994,054	\$743,300	14.2%
Irrig. & Drain. Pump. > 30 kW	49	1,369	58,816	\$12,997,769	\$14,861,453	\$1,863,684	14.3%
General Service 31-200 kW	83	11,797	2,846,128	\$399,265,731	\$448,213,965	\$48,948,235	12.3%
General Service 201-4,000 kW							
Secondary	85-S	1,263	2,041,005	\$240,607,711	\$268,060,385	\$27,452,674	11.4%
Primary	85-P	176	718,780	\$70,902,116	\$78,935,859	\$8,033,743	11.3%
Schedule 89 > 4 MW							
Primary	89-P	27	1,105,823	\$101,288,511	\$113,679,266	\$12,390,755	12.2%
Subtransmission	89-T/75-T	3	38,613	\$4,076,964	\$4,551,599	\$474,636	11.6%
Schedule 90	90-P	8	3,640,677	\$302,794,016	\$324,717,537	\$21,923,521	7.2%
Street & Highway Lighting	91/95	201	39,825	\$13,963,992	\$14,746,208	\$782,215	5.6%
Traffic Signals	92	0	2,760	\$289,074	\$307,898	\$18,823	6.5%
COS TOTALS		952,615	19,964,492	\$2,969,813,799	\$3,274,095,884	\$304,282,085	10.2%
Direct Access Service 201-4,000 kW							
Secondary	485-S	211	438,351	\$12,653,151	\$13,277,293	\$624,142	4.9%
Primary	485-P	48	278,884	\$6,178,606	\$6,533,680	\$355,074	5.7%
Direct Access Service > 4 MW							
Primary	489-P	16	1,042,401	\$9,337,233	\$10,685,008	\$1,347,776	14.4%
Subtransmission	489-T	3	204,711	\$2,140,977	\$2,047,464	(\$93,514)	-4.4%
New Load Direct Access Service > 10MW							
Primary	689-P	3	515,071	\$7,248,152	\$6,073,651	(\$1,174,502)	-16.2%
DIRECT ACCESS TOTALS		281	2,479,418	37,558,119	38,617,096	\$1,058,977	2.8%
COS AND DA CYCLE TOTALS		952,896	22,443,910	\$3,007,371,918	\$3,312,712,980	\$305,341,062	10.2%

Same as Tables 1-B & 1-E because no incremental changes to Schedules 102, 122a or 146

TABLE 1-D
PORTLAND GENERAL ELECTRIC
ESTIMATED EFFECT ON CONSUMERS' TOTAL ELECTRIC BILLS
2025

CATEGORY	RATE SCHEDULE	CUSTOMERS	MWH SALES	TOTAL ELECTRIC BILLS		Change		
				CURRENT	PROPOSED	AMOUNT	PCT.	
				all supplementals (LIA & PPC excluded)	all supplementals; Sch 109 at current (LIA & PPC excluded)			
Residential	7	837,946	7,883,579	\$1,531,866,571	\$1,678,786,485	\$146,919,914	9.6%	
Employee Discount				(\$1,031,478)	(\$1,131,966)	(\$100,488)		
Subtotal				\$1,530,835,093	\$1,677,654,519	\$146,819,426	9.6%	
Outdoor Area Lighting	15	0	12,601	\$4,162,269	\$4,451,298	\$289,028	6.9%	
General Service <30 kW	32	96,817	1,527,980	\$278,234,300	\$309,817,055	\$31,582,756	11.4%	
Opt. Time-of-Day G.S. >30 kW	38	382	26,943	\$5,145,500	\$5,857,841	\$712,341	13.8%	
Irrig. & Drain. Pump. < 30 kW	47	2,627	20,962	\$5,250,754	\$5,974,600	\$723,846	13.8%	
Irrig. & Drain. Pump. > 30 kW	49	1,369	58,816	\$12,997,769	\$14,803,047	\$1,805,278	13.9%	
General Service 31-200 kW	83	11,797	2,846,128	\$399,265,731	\$447,867,521	\$48,601,791	12.2%	
General Service 201-4,000 kW								
Secondary	85-S	1,263	2,041,005	\$240,607,711	\$266,635,640	\$26,027,929	10.8%	10.7%
Primary	85-P	176	718,780	\$70,902,116	\$78,222,112	\$7,319,997	10.3%	
Schedule 89 > 4 MW								
Primary	89-P	27	1,105,823	\$101,288,511	\$112,949,599	\$11,661,088	11.5%	
Subtransmission	89-T/75-T	3	38,613	\$4,076,964	\$4,521,468	\$444,504	10.9%	11.5%
Schedule 90	90-P	8	3,640,677	\$302,794,016	\$322,713,174	\$19,919,158	6.6%	
Street & Highway Lighting	91/95	201	39,825	\$13,963,992	\$14,707,622	\$743,630	5.3%	
Traffic Signals	92	0	2,760	\$289,074	\$304,676	\$15,602	5.4%	
COS TOTALS		952,615	19,964,492	\$2,969,813,799	\$3,266,480,172	\$296,666,373	10.0%	
Direct Access Service 201-4,000 kW								
Secondary	485-S	211	438,351	\$12,653,151	\$13,348,551	\$695,400	5.5%	
Primary	485-P	48	278,884	\$6,178,606	\$6,559,701	\$381,095	6.2%	
Direct Access Service > 4 MW								
Primary	489-P	16	1,042,401	\$9,337,233	\$10,683,634	\$1,346,402	14.4%	
Subtransmission	489-T	3	204,711	\$2,140,977	\$2,020,942	(\$120,036)	-5.6%	
New Load Direct Access Service > 10MW								
Primary	689-P	3	515,071	\$7,248,152	\$6,076,189	(\$1,171,963)	-16.2%	
DIRECT ACCESS TOTALS		281	2,479,418	37,558,119	38,689,017	\$1,130,899		
COS AND DA CYCLE TOTALS		952,896	22,443,910	\$3,007,371,918	\$3,305,169,190	\$297,797,272	9.9%	

Same as Table 1 because no incremental change to Schedule 109
**This table was labeled Table 1-B in PGE's Opening Filing

**TABLE 1-E
PORTLAND GENERAL ELECTRIC
ESTIMATED EFFECT OF RATE REVIEW REVENUE REQUIREMENT ON CONSUMERS' TOTAL ELECTRIC BILLS
2025**

CATEGORY	RATE SCHEDULE	CUSTOMERS	MWH SALES	TOTAL ELECTRIC BILLS				
				CURRENT	PROPOSED	Change		
				all supplementals (LIA & PPC excluded)	GRC rate increase (incl. incremental power costs); all other supplementals at current (LIA & PPC excluded)	AMOUNT	PCT.	
Residential	7	837,946	7,883,579	\$1,531,866,571	\$1,677,168,497	\$145,301,925	9.5%	
Employee Discount				(\$1,031,478)	(\$1,117,866)	(\$86,387)		
Subtotal				\$1,530,835,093	\$1,676,050,631	\$145,215,538	9.5%	
Outdoor Area Lighting	15	0	12,601	\$4,162,269	\$4,464,043	\$301,773	7.3%	
General Service <30 kW	32	96,817	1,527,980	\$278,234,300	\$313,644,612	\$35,410,313	12.7%	
Opt. Time-of-Day G.S. >30 kW	38	382	26,943	\$5,145,500	\$5,868,374	\$722,874	14.0%	
Irrig. & Drain. Pump. < 30 kW	47	2,627	20,962	\$5,250,754	\$5,994,054	\$743,300	14.2%	
Irrig. & Drain. Pump. > 30 kW	49	1,369	58,816	\$12,997,769	\$14,861,453	\$1,863,684	14.3%	
General Service 31-200 kW	83	11,797	2,846,128	\$399,265,731	\$448,213,965	\$48,948,235	12.3%	
General Service 201-4,000 kW								
Secondary	85-S	1,263	2,041,005	\$240,607,711	\$268,060,385	\$27,452,674	11.4%	
Primary	85-P	176	718,780	\$70,902,116	\$78,935,859	\$8,033,743	11.3%	11.4%
Schedule 89 > 4 MW								
Primary	89-P	27	1,105,823	\$101,288,511	\$113,679,266	\$12,390,755	12.2%	
Subtransmission	89-T/75-T	3	38,613	\$4,076,964	\$4,551,599	\$474,636	11.6%	12.2%
Schedule 90	90-P	8	3,640,677	\$302,794,016	\$324,717,537	\$21,923,521	7.2%	
Street & Highway Lighting	91/95	201	39,825	\$13,963,992	\$14,746,208	\$782,215	5.6%	
Traffic Signals	92	0	2,760	\$289,074	\$307,898	\$18,823	6.5%	
COS TOTALS		952,615	19,964,492	\$2,969,813,799	\$3,274,095,884	\$304,282,085	10.2%	
Direct Access Service 201-4,000 kW								
Secondary	485-S	211	438,351	\$12,653,151	\$13,277,293	\$624,142	4.9%	
Primary	485-P	48	278,884	\$6,178,606	\$6,533,680	\$355,074	5.7%	5.2%
Direct Access Service > 4 MW								
Primary	489-P	16	1,042,401	\$9,337,233	\$10,685,008	\$1,347,776	14.4%	
Subtransmission	489-T	3	204,711	\$2,140,977	\$2,047,464	(\$93,514)	-4.4%	10.9%
New Load Direct Access Service > 10MW								
Primary	689-P	3	515,071	\$7,248,152	\$6,073,651	(\$1,174,502)	-16.2%	-16.2%
DIRECT ACCESS TOTALS		281	2,479,418	\$7,558,119	\$8,617,096	\$1,058,977	2.8%	
COS AND DA CYCLE TOTALS		952,896	22,443,910	\$3,007,371,918	\$3,312,712,980	\$305,341,062	10.2%	

= Table 1-F + Table 1-G

TABLE 1-F
PORTLAND GENERAL ELECTRIC
ESTIMATED EFFECT OF RATE REVIEW REVENUE REQUIREMENT (USING CURRENT UNIT POWER COSTS)
2025

CATEGORY	RATE SCHEDULE	Forecast Sept 24 E25		TOTAL ELECTRIC BILLS				
		CUSTOMERS	MWH SALES	CURRENT	PROPOSED		Change	
				all supplementals (LIA & PPC excluded)	GRC rate increase (excl. incremental power costs); all supplementals at current (LIA & PPC excluded)	AMOUNT	PCT.	
Residential	7	837,946	7,883,579	\$1,531,866,571	\$1,676,064,796	\$144,198,224	9.4%	
Employee Discount				(\$1,031,478)	(\$1,115,819)	(\$84,340)		
Subtotal				\$1,530,835,093	\$1,674,948,977	\$144,113,884	9.4%	
Outdoor Area Lighting	15	0	12,601	\$4,162,269	\$4,457,994	\$295,725	7.1%	
General Service <30 kW	32	96,817	1,527,980	\$278,234,300	\$314,454,442	\$36,220,142	13.0%	
Opt. Time-of-Day G.S. >30 kW	38	382	26,943	\$5,145,500	\$5,870,799	\$725,299	14.1%	
Irrig. & Drain. Pump. < 30 kW	47	2,627	20,962	\$5,250,754	\$5,929,073	\$678,319	12.9%	
Irrig. & Drain. Pump. > 30 kW	49	1,369	58,816	\$12,997,769	\$14,922,622	\$1,924,853	14.8%	
General Service 31-200 kW	83	11,797	2,846,128	\$399,265,731	\$449,124,726	\$49,858,996	12.5%	
General Service 201-4,000 kW								
Secondary	85-S	1,263	2,041,005	\$240,607,711	\$269,325,808	\$28,718,097	11.9%	
Primary	85-P	176	718,780	\$70,902,116	\$79,381,503	\$8,479,387	12.0%	11.9%
Schedule 89 > 4 MW								
Primary	89-P	27	1,105,823	\$101,288,511	\$114,398,050	\$13,109,540	12.9%	
Subtransmission	89-T/75-T	3	38,613	\$4,076,964	\$4,576,312	\$499,348	12.2%	12.9%
Schedule 90	90-P	8	3,640,677	\$302,794,016	\$326,610,689	\$23,816,673	7.9%	
Street & Highway Lighting	91/95	201	39,825	\$13,963,992	\$14,802,361	\$838,369	6.0%	
Traffic Signals	92	0	2,760	\$289,074	\$309,526	\$20,452	7.1%	
COS TOTALS		952,615	19,964,492	\$2,969,813,799	\$3,279,112,882	\$309,299,083	10.4%	
Direct Access Service 201-4,000 kW								
Secondary	485-S	211	438,351	\$12,653,151	\$13,277,293	\$624,142	4.9%	
Primary	485-P	48	278,884	\$6,178,606	\$6,533,680	\$355,074	5.7%	5.2%
Direct Access Service > 4 MW								
Primary	489-P	16	1,042,401	\$9,337,233	\$10,685,008	\$1,347,776	14.4%	
Subtransmission	489-T	3	204,711	\$2,140,977	\$2,047,464	(\$93,514)	-4.4%	10.9%
New Load Direct Access Service > 10MW								
Primary	689-P	3	515,071	\$7,248,152	\$6,073,651	(\$1,174,502)	-16.2%	-16.2%
DIRECT ACCESS TOTALS		281	2,479,418	37,558,119	38,617,096	\$1,058,977	2.8%	
COS AND DA CYCLE TOTALS		952,896	22,443,910	\$3,007,371,918	\$3,317,729,978	\$310,358,060	10.3%	

TABLE 1-G
PORTLAND GENERAL ELECTRIC
ESTIMATED EFFECT OF INCREMENTAL POWER COSTS
2025

CATEGORY	RATE SCHEDULE	Forecast Sept 24 E25		TOTAL ELECTRIC BILLS			
		CUSTOMERS	MWH SALES	CURRENT		PROPOSED	
				all supplementals (LIA & PPC excluded)	incremental power costs only	Change AMOUNT	PCT.
Residential	7	837,946	7,883,579	\$1,531,866,571	\$1,103,701	\$1,103,701	0.1%
Employee Discount				(\$1,031,478)	(\$2,047)	(\$2,047)	
Subtotal				\$1,530,835,093	\$1,101,654	\$1,101,654	0.1%
Outdoor Area Lighting	15	0	12,601	\$4,162,269	\$6,048	\$6,048	0.1%
General Service <30 kW	32	96,817	1,527,980	\$278,234,300	(\$809,829)	(\$809,829)	-0.3%
Opt. Time-of-Day G.S. >30 kW	38	382	26,943	\$5,145,500	(\$2,425)	(\$2,425)	0.0%
Irrig. & Drain. Pump. < 30 kW	47	2,627	20,962	\$5,250,754	\$64,981	\$64,981	1.2%
Irrig. & Drain. Pump. > 30 kW	49	1,369	58,816	\$12,997,769	(\$61,169)	(\$61,169)	-0.5%
General Service 31-200 kW	83	11,797	2,846,128	\$399,265,731	(\$910,761)	(\$910,761)	-0.2%
General Service 201-4,000 kW							
Secondary	85-S	1,263	2,041,005	\$240,607,711	(\$1,265,423)	(\$1,265,423)	-0.5%
Primary	85-P	176	718,780	\$70,902,116	(\$445,644)	(\$445,644)	-0.6%
Schedule 89 > 4 MW							
Primary	89-P	27	1,105,823	\$101,288,511	(\$718,785)	(\$718,785)	-0.7%
Subtransmission	89-T/75-T	3	38,613	\$4,076,964	(\$24,713)	(\$24,713)	-0.6%
Schedule 90	90-P	8	3,640,677	\$302,794,016	(\$1,893,152)	(\$1,893,152)	-0.6%
Street & Highway Lighting	91/95	201	39,825	\$13,963,992	(\$56,153)	(\$56,153)	-0.4%
Traffic Signals	92	0	2,760	\$289,074	(\$1,628)	(\$1,628)	-0.6%
COS TOTALS		952,615	19,964,492	\$2,969,813,799	(\$5,016,998)	(\$5,016,998)	-0.2%
Direct Access Service 201-4,000 kW							
Secondary	485-S	211	438,351	\$12,653,151	\$0	\$0	0.0%
Primary	485-P	48	278,884	\$6,178,606	\$0	\$0	0.0%
Direct Access Service > 4 MW							
Primary	489-P	16	1,042,401	\$9,337,233	\$0	\$0	0.0%
Subtransmission	489-T	3	204,711	\$2,140,977	\$0	\$0	0.0%
New Load Direct Access Service > 10MW							
Primary	689-P	3	515,071	\$7,248,152	\$0	\$0	0.0%
DIRECT ACCESS TOTALS		281	2,479,418	37,558,119	0	\$0	0.0%
COS AND DA CYCLE TOTALS		952,896	22,443,910	\$3,007,371,918	(\$5,016,998)	(\$5,016,998)	-0.2%

PORTLAND GENERAL ELECTRIC
CONSUMER IMPACT OFFSET

Grouping	Cycle MWH	Revenues at Current Prices (\$000)	2025 Allocated Costs (\$000)	Percent Change	CIO mills/kWh	CIO Revenues
Schedule 7	7,883,579	\$1,531,867	\$1,586,710	3.6%	0.00	\$0
Schedule 15	12,601	\$4,162	\$4,227	1.5%	6.35	\$80
Schedule 32	1,527,980	\$278,234	\$287,070	3.2%	0.00	\$0
Schedule 38	26,943	\$5,145	\$5,631	9.4%	(8.49)	(\$229)
Schedule 47	20,962	\$5,251	\$5,920	12.8%	(9.23)	(\$193)
Schedule 49	58,816	\$12,998	\$11,442	-12.0%	(8.54)	(\$502)
Schedule 83	2,846,128	\$399,266	\$414,897	3.9%	0.00	\$0
Schedule 85	2,759,785	\$330,341.58	\$333,828.53	1.1%	0.00	\$0
Schedule 89/75	1,144,436	\$124,091.84	\$121,152	-2.4%	0.00	\$0
Schedule 90	3,640,677	\$302,794	\$303,373	0.2%	0.25	\$910
Schedules 91 & 95	39,825	\$13,964	\$14,255	2.1%	(2.01)	(\$80)
Schedule 92	2,760	\$289	\$282	-2.5%	0.00	\$0
COS TOTALS	19,964,492					
Sch 485 Energy	717,235				0.00	\$0
Sch 489 Energy	1,247,112				0.00	\$0
Sch 689 Energy	515,071				0.00	\$0
Totals	22,443,910	\$3,008,403	\$3,088,788	2.7%		(\$14)

Note: does not include Sch 76R \$0 \$0
Note: does not include employee discount (\$1,031) (\$1,132)

Reconcile CIO worksheet to revenues \$3,007,372 \$3,087,656
\$2,795,163 \$3,100,472
212,209 (12,816)

Schedules	CIO Allocation	MWh	CIO (mills/kWh)	
38	-\$228,651	26,943	-8.49	-\$228,651
47	-\$193,485	20,962	-9.23	
49	-\$502,228	58,816	-8.54	-\$193,485
83		2,846,128	0	
85/485/585		3,477,020	0	-\$502,228
89/489/589/689		2,906,619	0	-\$924,364
90/490/590	\$924,364	3,640,677	0.25	
Totals	0	10,024,316		

**PORTLAND GENERAL ELECTRIC
2025 GRC Tariff Schedule Prices**

	Sch 7	Sch 7 TOD (Window)	Sch 15	Sch 32
Basic Charge				
1-phase Single-Family	\$15.00	\$15.00		\$24.00
1-phase Multi-Family	\$12.00	\$12.00		
3-phase Single-Family	\$15.00	\$15.00		\$33.00
3-phase Multi-Family	\$12.00	\$12.00		
Transmission				
Volumetric				
Block 1	8.90	22.60 (On-Peak)	5.25	7.19
Block 2		11.00 (Mid-Peak)		
Block 3		3.90 (Off-Peak)		
Demand				
Block 1				
Block 2				
Distribution				
Volumetric				
Block 1	71.98	183.00 (On-Peak)	70.10	74.50
Block 2		89.00 (Mid-Peak)		34.88
Block 3		31.40 (Off-Peak)		
Facilities				
Block 1				
Block 2				
Block 3				
Demand				
Block 1				
Block 2				
Energy				
Volumetric				
Block 1	43.94	197.46 (On-Peak)		
Block 2	43.94	89.18 (Mid-Peak)		
Block 3	0.00	75.72 (Off-Peak)		
Flat			30.73	38.73
On-Peak				
Mid-Peak				
Off-Peak				
Generation Demand				
System Usage				
Volumetric	*(in Dist rate)	*(in Dist rate)	*(in Dist rate)	*(in Dist rate)
Tariff Prices in cents/kWh				
Basic Charge				
1-phase Single-Family	\$ 15.00		\$ 24.00	

1-phase Multi-Family	\$	12.00		
3-phase Single-Family	\$	15.00	\$	33.00
3-phase Multi-Family	\$	12.00		

Transmission

Volumetric

Block 1	0.890	2.260 (On-Peak)	0.525	0.719
Block 2		1.100 (Mid-Peak)		
Block 3		0.390 (Off-Peak)		

Demand

Block 1
Block 2

Distribution

Volumetric

Block 1	7.198	18.300 (On-Peak)	7.01	7.45
Block 2		8.900 (Mid-Peak)		3.488
Block 3		3.140 (Off-Peak)		

Facilities

Block 1
Block 2
Block 3

Demand

Block 1
Block 2

Energy

Volumetric

Block 1	4.394	19.746 (On-Peak)		
Block 2	4.394	8.918 (Mid-Peak)		
Block 3		7.572 (Off-Peak)		
Flat			3.073	3.873
On-Peak				
Off-Peak				
Generation Demand				

System Usage

Volumetric

*(in Dist rate) *(in Dist rate) *(in Dist rate)

TOD Total Prices

On-peak	40.306 (On-Peak)
Mid-peak	18.918 (Mid-Peak)
Off-peak	11.102 (Off-Peak)

Sch 32 (TOU)	Sch 38	Sch 47	Sch 49	Sch 83-S	Sch 85-S	Sch 85-P
\$24.00	\$50.00	\$39.00	\$60.00	\$50.00		
\$33.00	\$60.00	\$39.00	\$60.00	\$60.00	\$870.00	\$740.00
7.19	6.99	7.62	7.08			
				\$3.48	\$3.48	\$3.44
74.50	95.93	144.60	137.69			
34.88		124.60	117.69			
				\$6.24	\$2.84	\$2.81
				\$6.14	\$2.74	\$2.71
				\$0.00	\$0.00	\$0.00
				\$2.11	\$2.11	\$2.09
68.43 (On-Peak)						
38.73 (Mid-Peak)						
22.81 (Off-Peak)						
	0.00	46.20	45.24			
	45.02			30.03	29.02	28.76
	30.02			20.03	19.02	18.76
				9.86	11.40	11.27
*(in Dist rate)	*(in Dist rate)	*(in Dist rate)	*(in Dist rate)	10.35	2.99	2.96
\$ 24.00	\$ 50.00	\$ 39.00	\$ 60.00	\$ 50.00		

\$ 33.00 \$ 60.00 \$ 39.00 \$ 60.00 \$ 60.00 \$ 870.00 \$ 740.00

0.719 0.699 0.762 0.708

\$ 3.48 \$ 3.48 \$ 3.44

7.45 9.593 14.46 13.769
 3.488 12.46 11.769

\$ 6.24 \$ 2.84 \$ 2.81
 \$ 6.14 \$ 2.74 \$ 2.71

\$ 2.11 \$ 2.11 \$ 2.09

6.843 (On-Peak)
 3.873 (Mid-Peak)
 2.281 (Off-Peak)

4.62 4.524
 4.502 3.003 2.902 2.876
 3.002 2.003 1.902 1.876
 9.860 11.400 11.270

*(in Dist rate) *(in Dist rate) *(in Dist rate) *(in Dist rate) 1.035 0.299 0.296

Sch 89-S	Sch 89-P	Sch 89-T/75-T	>250 MWa Sch 90-P	30-250 MWa Sch 90	>250 MWa Sch 90-T	30-250 MWa Sch 90-T	Sch 91 Sch 95
\$4,150.00	\$4,110.00	\$5,810.00	\$18,400.00	\$18,400.00	\$18,400.00	\$18,400.00	
							4.77
\$3.48	\$3.44	\$3.38	\$3.44	\$3.44	\$3.38	\$3.38	
							70.58
\$1.20	\$1.19	\$1.18	\$0.98	\$0.98	\$0.98	\$0.98	
\$0.89	\$0.88	\$0.87	\$0.98	\$0.98	\$0.98	\$0.98	
\$0.00			\$0.67	\$0.67	\$0.67	\$0.67	
\$2.11	\$2.09	\$0.13	\$2.09	\$2.09	\$0.13	\$0.13	
							30.73
41.88	41.49	41.09	31.34	36.23	30.99	32.90	
31.88	31.49	31.09	23.84	28.73	23.49	24.94	
2.57	2.54	2.51	2.51	2.51	2.51	2.51	*(in Dist rate)

\$ 4,150.00 \$ 4,110.00 \$ 5,810.00 \$ 18,400.00 \$ 18,400.00 \$ 18,400.00 \$ 18,400.00

0.477

\$ 3.48 \$ 3.44 \$ 3.38 \$ 3.44 \$ 3.44 \$ 3.38 \$ 3.38

7.058

\$ 1.20 \$ 1.19 \$ 1.18 \$ 0.98 \$ 0.98 \$ 0.98 \$ 0.98
 \$ 0.89 \$ 0.88 \$ 0.87 \$ 0.98 \$ 0.98 \$ 0.98 \$ 0.98
 \$ 0.88 \$ 0.87 \$ 0.67 \$ 0.67 \$ 0.67 \$ 0.67
 \$ 2.11 \$ 2.09 \$ 0.13 \$ 2.09 \$ 2.09 \$ 0.13 \$ 0.13

3.073

4.188 4.149 4.109 3.134 3.623 3.099 3.290
 3.188 3.149 3.109 2.384 2.873 2.349 2.494

0.257 0.254 0.251 0.251 0.251 0.251 0.251 *(in Dist rate)

Sch 92	Sch 485-S Sch 585-S	Sch 485-P Sch 585-P	Sch 489-S Sch 589-S Sch 689-S	Sch 489-P Sch 589-P Sch 689-P	Sch 489-T Sch 589-T Sch 689-T	>250 MWa Sch 490-P Sch 590-P	30-250 MWa Sch 490-P Sch 590-P
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	\$870.00	\$740.00	\$4,150.00	\$4,110.00	\$5,810.00	\$18,400.00	\$18,400.00
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5.39

18.58

\$2.84	\$2.81	\$1.20	\$1.19	\$1.18	\$0.98	\$0.98
\$2.74	\$2.71	\$0.89	\$0.88	\$0.87	\$0.98	\$0.98
\$0.00	\$0.00	\$0.00			\$0.67	\$0.67
\$2.11	\$2.09	\$2.11	\$2.09	\$0.13	\$2.09	\$2.09

33.15

*(in Dist rate)	0.66	0.66	0.30	0.30	0.29	0.51	0.51
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\$ 870.00 \$ 740.00 \$ 4,150.00 \$ 4,110.00 \$ 5,810.00 \$ 18,400.00 \$ 18,400.00

0.539

1.858

\$ 2.84	\$ 2.81	\$ 1.20	\$ 1.19	\$ 1.18	\$ 0.98
\$ 2.74	\$ 2.71	\$ 0.89	\$ 0.88	\$ 0.87	\$ 0.98
			\$ 0.88	\$ 0.87	\$ 0.67
\$ 2.11	\$ 2.09	\$ 2.11	\$ 2.09	\$ 0.13	\$ 2.09

3.315

*(in Dist rate) 0.066 0.066 0.030 0.03 0.029 0.051 0.051

>250MWa	30-250 MWa	Sch 491/495	Sch 492	Sch 515	Sch 532	Sch 538
Sch 490-T	Sch 490-T	Sch 591/595	Sch 592			
Sch 590-T	Sch 590-T					
					\$24.00	\$50.00
\$18,400.00	\$18,400.00				\$33.00	\$60.00
		68.62	16.46	68.14	72.03 32.41	93.52
\$0.98	\$0.98					
\$0.98	\$0.98					
\$0.67	\$0.67					
\$0.13	\$0.13					
0.51	0.51	*(in Dist rate)	*(in Dist rate)	*(in Dist rate)	*(in Dist rate)	*(in Dist rate)
					\$ 24.00	\$ 50.00

\$ 18,400.00 \$ 18,400.00

\$ 33.00 \$ 60.00

6.862 1.646 6.814 7.203 9.352
3.241

\$ 0.98 \$ 0.98
\$ 0.98 \$ 0.98
\$ 0.67 \$ 0.67
\$ 0.13 \$ 0.13

0.051 0.051 *(in Dist rate) *(in Dist rate) *(in Dist rate) *(in Dist rate) *(in Dist rate)

Sch 549 Sch 583

\$60.00 \$50.00

\$60.00 \$60.00

134.84
114.84

\$6.24
\$6.14
\$0.00

\$2.11

*(in Dist rate) 7.91

\$ 60.00 \$ 50.00

\$ 60.00 \$ 60.00

13.484
11.484

6.240
6.140

2.110

*(in Dist rate) 0.791

A	B	C	E	F	G	H	J	K	M	N	P	R	S	T	V	W	X	Y	Z	
1	PORTLAND GENERAL ELECTRIC																			
2	2025 GRC Prices																			
3																				
4				Basic	Basic	Transmission	Transmission	Distribution	Distribution				Distribution	Sys. Usage						
5			Charge BD	Charge BD	& Related	& Related	Volumetric	Volumetric	Block 1	Block 2	Block 1	Block 2	Demand	Implicit	Energy	Energy	Energy	Energy		
6			Single-family/	Multifamily/	Volumetric	Demand	Block 1	Block 2	Block 1	Block 2	Block 1	Block 2	Peak	& Explicit	Block 1	Block 2	Flat	On-Peak	Mid-Peak	Off-Peak
7	Grouping		Single-phase	Three-phase	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price
8																				
9	Schedule 7		\$15.00	\$12.00	8.90			66.76	66.76				5.22	43.94	43.94					
10	Schedule 15 Residential				5.25			55.08	55.08				15.02						30.73	
11																				
12																				
13	Schedule 15 Commercial				5.25			55.08	55.08				15.02						30.73	
14	Schedule 32		\$24.00	\$33.00	7.19			69.62	30.00				4.88						38.73	
15	Schedule 38		\$50.00	\$60.00	6.99			99.00	99.00				(3.07)			45.02	40.02		30.02	
16	Schedule 47		\$39.00	\$39.00	7.62			146.52	126.52				(1.92)						46.20	
17	Schedule 49		\$60.00	\$60.00	7.08			139.74	119.74				(2.05)						45.24	
18	Schedule 83-S		\$50.00	\$60.00		\$3.48				\$6.24	\$6.14	\$2.11	10.35					30.03	26.03	20.03
19	Schedule 85-S			\$870.00		\$3.48				\$2.84	\$2.74	\$2.11	2.99					29.02	25.02	19.02
20	Schedule 89-S			\$4,150.00		\$3.48				\$1.20	\$0.89	\$2.11	2.57					41.88	37.88	31.88
21	Schedule 91				4.77			63.35	63.35				7.23						30.73	
22	Schedule 92				5.39			15.91	15.91				2.67						33.15	
23	Schedule 95				4.77			63.35	63.35				7.23						30.73	
24																				
25																				
26	Schedule 85-P			\$740.00		\$3.44				\$2.81	\$2.71	\$2.09	2.96					28.76	24.76	18.76
27	Schedule 89-P			\$4,110.00		\$3.44				\$1.19	\$0.88	\$2.09	2.54					41.49	37.49	31.49
28	Schedule 90-P																			
29	(30 MWa - 250 MWa)			\$18,400.00		\$3.44				\$0.98	\$0.67	\$2.09	2.51					36.23		28.73
30	(GT 250 Mwa)			\$18,400.00		\$3.44				\$0.98	\$0.67	\$2.09	2.51					31.34		23.84
31																				
32																				
33	Schedule 89-T			\$5,810.00		\$3.38				\$1.18	\$0.87	\$0.13	2.51					41.09	37.09	31.09
34	Schedule 90-T									\$0.98	\$0.67	\$0.13								
35	(30 MWa - 250 MWa)			\$18,400.00		\$3.38							2.26					32.90		24.94
36	(GT 250 Mwa)			\$18,400.00		\$3.38							2.51					30.99		23.49
37	Schedule 75-T			\$5,810.00		\$3.38				\$1.18	\$0.87	\$0.13	2.51					41.09		31.09
38	Schedule 76R			\$5,810.00		\$3.38				\$1.18	\$0.87	\$0.13						41.09		31.09
39																				
40																				
41	Schedule 485-S (Total)			\$870.00				\$0.00	\$0.00	\$2.84	\$2.74	\$2.11	0.66							
42	Schedule 485-S (Sch 129 v2020)																			
43	Schedule 485-S (Sch 129 v2023)																			
44	Schedule 485-S (Sch 129 v2025)																			
45																				
46																				
47	Schedule 485-P (Total)			\$740.00				0.00	0.00	\$2.81	\$2.71	\$2.09	0.66							
48	Schedule 485-P (Sch 129 v2021)																			
49	Schedule 485-P (Sch 129 v2024)																			
50	Schedule 485-P (Sch 129 v2025)																			
51	Schedule 489-P (Total)			\$4,110.00				0.00	0.00	\$1.19	\$0.88	\$2.09	0.30							
52	Schedule 489-P (Sch 129 v2020)																			
53	Schedule 489-P (Sch 129 v2021)																			
54	Schedule 489-P (Sch 129 v2024)																			
55	Schedule 489-P (Sch 129 v2025)																			
56	Schedule 689-P			\$4,110.00				0.00	0.00	\$1.19	\$0.88	\$2.09	0.30							
57	Schedule 689-P (Sch 139 v2024)																			
58																				
59																				
60	Schedule 489-T			\$5,810.00				0.00	0.00	\$1.18	\$0.87	\$0.13	0.29							
61																				
62																				
63																				
64																				

PORTLAND GENERAL ELECTRIC
2025 Price Changes relative to Current Prices

Grouping	Basic Charge BD Single-family/ Single-phase	Basic Charge BD Multifamily/ Three-phase	Transmission & Related Volumetric Price	Transmission & Related Demand Price	Distribution Volumetric Block 1 Price	Distribution Volumetric Block 2 Price	Facilities Block 1 Price	Facilities Block 2 Price
Schedule 7	\$2.00	\$2.00	2.12	\$0.00	2.93	2.93	0.00	0.00
Schedule 15 Residential	\$0.00	\$0.00	1.31	\$0.00	2.49	2.49	0.00	0.00
Schedule 15 Commercial	\$0.00	\$0.00	1.31	\$0.00	2.49	2.49	0.00	0.00
Schedule 32	\$2.00	\$2.00	1.67	\$0.00	12.78	0.00	0.00	0.00
Schedule 38	\$15.00	\$25.00	1.47	\$0.00	20.20	20.20	0.00	0.00
Schedule 47	\$0.00	\$0.00	1.70	\$0.00	30.92	30.92	0.00	0.00
Schedule 49	\$10.00	\$10.00	1.38	\$0.00	26.34	26.34	0.00	0.00
Schedule 83-S	\$10.00	\$10.00	0.00	\$1.36	0.00	0.00	0.69	0.69
Schedule 85-S	\$0.00	\$90.00	0.00	\$1.36	0.00	0.00	(0.26)	(0.26)
Schedule 89-S	\$0.00	\$660.00	0.00	\$1.36	0.00	0.00	(0.31)	(0.31)
Schedule 91	\$0.00	\$0.00	0.64	\$0.00	6.36	6.36	0.00	0.00
Schedule 92	\$0.00	\$0.00	1.18	\$0.00	(0.77)	(0.77)	0.00	0.00
Schedule 95	\$0.00	\$0.00	0.64	\$0.00	6.36	6.36	0.00	0.00
Schedule 85-P	\$0.00	\$70.00	0.00	\$1.34	0.00	0.00	(0.26)	(0.26)
Schedule 89-P	\$0.00	\$660.00	0.00	\$1.34	0.00	0.00	(0.31)	(0.31)
Schedule 90-P	\$0.00	\$0.00	0.00	\$0.00	0.00	0.00	0.00	0.00
(30 MWa - 250 MWa)	\$0.00	\$6,200.00	0.00	\$1.34	0.00	0.00	(0.81)	(0.81)
(GT 250 Mwa)	\$0.00	\$6,200.00	0.00	\$1.34	0.00	0.00	(0.81)	(0.81)
Schedule 89-T	\$0.00	\$860.00	0.00	\$1.32	0.00	0.00	(0.32)	(0.32)
Schedule 90-T	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.98	\$0.67
(30 MWa - 250 MWa)	\$0.00	\$6,200.00	\$0.00	\$1.32	\$0.00	\$0.00	(\$1.79)	(\$1.48)
(GT 250 Mwa)	\$0.00	\$6,200.00	\$0.00	\$1.32	\$0.00	\$0.00	(\$1.79)	(\$1.48)
Schedule 75-T	\$0.00	\$860.00	0.00	\$1.32	0.00	0.00	(0.32)	(0.32)
Schedule 76R	\$0.00	\$860.00	0.00	\$1.32	0.00	0.00	(0.32)	(0.32)
Schedule 485-S (Total)	\$0.00	\$90.00	\$0.00	\$0.00	\$0.00	\$0.00	(0.26)	(0.26)
Schedule 485-S (Sch 129 v2020)								
Schedule 485-S (Sch 129 v2023)							0.00	0.00
Schedule 485-S (Sch 129 v2025)								
Schedule 485-P (Total)	\$0.00	\$70.00	\$0.00	\$0.00	\$0.00	\$0.00	(0.26)	(0.26)
Schedule 485-P (Sch 129 v2021)								
Schedule 485-P (Sch 129 v2024)								
Schedule 485-P (Sch 129 v2025)								
Schedule 489-P (Total)	\$0.00	\$660.00	\$0.00	\$0.00	\$0.00	\$0.00	(0.31)	(0.31)
Schedule 489-P (Sch 129 v2020)								
Schedule 489-P (Sch 129 v2021)								
Schedule 489-P (Sch 129 v2024)								
Schedule 489-P (Sch 129 v2025)								
Schedule 689-P	\$0.00	\$660.00	\$0.00	\$0.00	\$0.00	\$0.00	(0.31)	(0.31)
Schedule 689-P (Sch 139 v2024)								
Schedule 489-T	\$0.00	\$860.00	\$0.00	\$0.00	\$0.00	\$0.00	(0.32)	(0.32)

Distribution Demand Peak Price	Sys. Usage Implicit & Explicit Price	Energy Block 1 Price	Energy Block 2 Price	Energy Flat Price	Energy On-Peak Price	Energy Mid-Peak Price	Energy Off-Peak Price	Generation Demand Price	Wheeling Demand Price	Reactive Price	Fixed Price	Sch 146 Price	Sch 122a Price
0.00	0.61	(44.20)	(44.20)	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.00	3.03	0.00	0.00	(33.75)	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.00	3.03	0.00	0.00	(33.75)	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.00	0.74	0.00	0.00	(39.85)	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.00	(7.43)	0.00	0.00	0.00	0.00	(38.10)	(38.10)		0.00	0.00	0.00	0.00	0.00
0.00	(12.76)	0.00	0.00	(41.55)	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.00	(6.08)	0.00	0.00	(47.31)	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.60	(0.52)	0.00	0.00	0.00	0.00	(25.31)	(20.31)	\$0.96	0.00	0.00	0.00	0.00	0.00
0.60	0.42	0.00	0.00	0.00	0.00	(24.69)	(19.69)	\$1.28	0.00	0.00	0.00	0.00	0.00
0.60	0.40	0.00	0.00	0.00	0.00	(35.26)	(30.26)		0.00	0.00	0.00	0.00	0.00
0.00	(0.17)	0.00	0.00	(33.75)	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.00	0.30	0.00	0.00	(35.72)	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.00	(0.17)	0.00	0.00	(33.75)	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.60	0.42	0.00	0.00	0.00	0.00	(24.42)	(19.42)	\$1.26	0.00	0.00	0.00	0.00	0.00
0.60	0.39	0.00	0.00	0.00	0.00	(34.88)	(29.88)		0.00	0.00	0.00	0.00	0.00
0.00	2.51	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00	3.06	0.00
0.60	0.53	0.00	0.00	0.00	0.00	(38.53)	(34.13)		0.00	0.00	0.00	0.00	0.00
0.60	(1.98)	0.00	0.00	0.00	0.00	(41.63)	0.00		0.00	0.00	0.00	0.00	0.00
0.01	0.38	0.00	0.00	0.00	0.00	(34.49)	(29.49)		0.00	0.00	0.00	0.00	0.00
\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00	0.50	0.00	0.00	0.00
(\$0.12)	\$0.28	\$0.00	\$0.00	\$0.00	\$0.00	(\$40.91)	(\$33.53)		0.00	(0.50)	0.00	0.00	0.00
(\$0.12)	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	(\$41.16)	(\$33.66)		0.00	(0.50)	0.00	0.00	0.00
0.01	0.38	0.00	0.00	0.00	0.00	(34.49)	(29.49)		0.00	0.00	0.00	0.00	0.00
0.01	0.00	0.00	0.00	0.00	41.09		31.09		0.00	0.00	0.00	0.00	0.00
0.60	0.15	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.60	0.16	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.60	0.12	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.60	0.12	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00
0.01	0.11	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00

Sch 122b	Sch 125	Sch 145	Sch 131	Sch 132a	Sch 132b	Sch 143	Sch 128 Block 1	Sch 128 Block 2	Sch 129	Sch 129 Part B	Sch 139	Sch 102 Block 1	Sch 102 Block 2	Sch 102 Block 3	Sch 105
Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price
0.00	54.42	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.39
0.00	39.73	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	(0.16)
0.00	39.73	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	(0.16)
0.00	47.86	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	(0.05)
0.00	53.87	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.15
0.00	57.15	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	(0.09)
0.00	55.96	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	(0.05)
0.00	35.87	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	(0.01)
0.00	34.57	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
0.00	48.03	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.09
0.00	38.47	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	(0.16)
0.00	41.83	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	(0.01)
0.00	38.47	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	(0.16)
0.00	34.25	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
0.00	47.57	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.09
0.00	44.86	(0.36)				0.00	0.00	0.00	0.00			(6.79)	0.00	0.00	(0.45)
0.00	44.86	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.06
0.00	47.10	0.00				0.00	0.00	0.00	0.00			(6.79)	0.00	0.00	0.09
0.00	0.00	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
0.00	0.00	0.00				0.00	0.00	0.00	0.00			(6.79)	0.00	0.00	0.06
0.00	0.00	0.00				0.00	0.00	0.00	0.00			(6.79)	0.00	0.00	0.06
0.00	0.00	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.09
0.00	0.00	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
0.00	0.00	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
0.00	0.00	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
0.00	0.00	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
0.00	0.00	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
0.00	0.00	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
0.00	0.00	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
0.00	0.00	0.00				0.00	0.00	0.00	0.00			(6.79)	0.00	0.00	0.00

Sch 109 Price	Sch 109 >1MWA Price	Sch 110 Price	Sch 112 Price	Sch 118 Price	Sch 123 Price	Sch 126 Price	Sch 135 Price	Sch 136 Price	Sch 137 Price	Sch 138 Price	Sch 150 Price	Sch 151 Price	Sch 152 Price	Sch 153 Price
0.00	0.00	0.00	0.00	0.00	0.14	(0.80)	0.01	0.17	0.05	0.04	(0.03)	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	(0.01)	0.13	0.04	0.03	(0.03)	0.00	0.00	0.01
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	(0.01)	0.13	0.04	0.03	(0.03)	0.00	0.00	0.01
0.00	0.00	0.00	0.00	0.00	(2.12)	(0.80)	0.01	0.16	0.05	0.03	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	0.01	0.17	0.04	0.03	0.40	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	0.02	0.23	0.07	0.04	(0.08)	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	0.01	0.20	0.06	0.04	(0.10)	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.26)	(0.80)	0.26	0.12	0.03	0.04	0.33	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	0.25	0.08	0.03	0.04	0.14	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	0.00	0.00	0.03	0.02	(0.09)	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	0.02	0.13	0.04	0.03	(0.04)	0.00	0.00	0.01
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	(0.01)	0.09	0.03	0.03	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	0.02	0.13	0.04	0.03	(0.04)	0.00	0.00	0.01
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	(0.10)	0.05	0.03	0.03	0.03	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	0.00	0.00	0.03	0.02	(0.09)	0.00	0.00	0.00
0.94	0.94	0.00	0.00	2.36	0.00	0.00	0.45	0.12	0.13	0.03	0.22	0.41	0.18	0.01
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	(0.05)	0.07	0.03	0.03	0.01	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.62)	(0.80)	(0.01)	(0.02)	0.02	0.03	(0.14)	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.03	0.00	0.00	(0.62)	(0.80)	(0.05)	0.07	0.03	0.03	0.01	0.00	0.00	0.00
0.00	0.00	0.03	0.00	0.00	(0.62)	(0.80)	(0.05)	0.07	0.03	0.03	0.01	0.00	0.00	0.00
0.00	0.00	0.03	0.00	0.00	(0.62)	(0.80)	(0.01)	(0.02)	0.02	0.03	(0.14)	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.13)	0.00	0.00	0.08	0.03	0.00	0.14	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.13)	0.00	0.00	0.05	0.03	0.00	0.03	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.13)	0.00	0.00	0.05	0.03	0.00	(0.09)	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(0.06)	0.00	0.00	0.00	0.00	(0.13)	0.00	0.00	0.05	0.03	0.00	(0.09)	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	(0.13)	0.00	0.00	(0.02)	0.02	0.00	(0.14)	0.00	0.00	0.00

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PORTLAND GENERAL ELECTRIC
Revenue Changes

Grouping	Basic Charge BD Singlefamily/ Three-phase	Basic Charge BD Multifamily/ Three-phase	Transmission & Related Volumetric Price	Transmission & Related Demand Price	Distribution Volumetric Block 1 Price	Distribution Volumetric Block 2 Price	Facilities Block 1 Price	Facilities Block 2 Price	Distribution Demand Peak Price	Sys. Usage Implicit & Explicit Price	Energy Block 1 Price
Schedule 7	\$14,154,202	\$5,956,494	\$16,713,187	\$0	\$23,098,886	\$0	\$0	\$0	\$0	\$4,808,983	(\$348,454,177)
Schedule 15 Residential	\$0	\$0	\$2,068	\$0	\$3,932	\$0	\$0	\$0	\$0	\$4,784	\$0
Subtotal	\$14,154,202	\$5,956,494	\$16,715,255	\$0	\$23,102,817	\$0	\$0	\$0	\$0	\$4,813,767	(\$348,454,177)
Schedule 15 Commercial	\$0	\$0	\$14,439	\$0	\$27,445	\$0	\$0	\$0	\$0	\$33,397	\$0
Schedule 32	\$1,461,942	\$861,768	\$2,551,726	\$0	\$17,165,156	\$0	\$0	\$0	\$0	\$1,130,705	\$0
Schedule 38	\$16,740	\$86,700	\$39,607	\$0	\$544,257	\$0	\$0	\$0	\$0	\$0	(\$200,190)
Schedule 47	\$0	\$0	\$35,635	\$0	\$139,303	\$508,832	\$0	\$0	\$0	\$0	(\$267,471)
Schedule 49	\$480	\$81,660	\$81,166	\$0	\$260,715	\$1,288,505	\$0	\$0	\$0	\$0	(\$357,603)
Schedule 83-S	\$107,160	\$1,308,480	\$0	\$11,729,729	\$0	\$0	\$2,930,375	\$5,495,232	\$5,174,880	\$0	(\$1,479,987)
Schedule 85-S	\$0	\$1,363,500	\$0	\$7,398,007	\$0	\$0	(\$787,800)	(\$1,080,049)	\$3,263,827	\$857,222	\$0
Schedule 89-S	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Schedule 91	\$0	\$0	\$6,313	\$0	\$62,735	\$0	\$0	\$0	\$0	\$0	(\$1,677)
Schedule 92	\$0	\$0	\$3,257	\$0	(\$2,125)	\$0	\$0	\$0	\$0	\$0	\$628
Schedule 95	\$0	\$0	\$19,175	\$0	\$190,552	\$0	\$0	\$0	\$0	\$0	(\$5,093)
Subtotal	\$1,586,222	\$3,702,108	\$2,751,318	\$19,127,736	\$18,388,038	\$1,797,336	\$2,142,575	\$4,415,183	\$8,438,707	(\$289,869)	\$0
Schedule 85-P	\$0	\$147,840	\$0	\$1,948,114	\$0	\$0	(\$109,824)	(\$363,133)	\$872,290	\$301,888	\$0
Schedule 89-P	\$0	\$211,860	\$0	\$2,738,209	\$0	\$0	(\$398,040)	(\$299,678)	\$1,226,064	\$431,271	\$0
Schedule 90-P	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(30 Mwa - 250 Mwa)	\$0	\$148,800	\$0	\$1,275,032	\$0	\$0	(\$77,760)	(\$708,255)	\$570,910	\$290,287	\$0
(GT 250 Mwa)	\$0	\$446,400	\$0	\$6,067,189	\$0	\$0	(\$233,280)	(\$3,655,207)	\$2,716,652	\$1,639,272	\$0
Subtotal	\$0	\$954,900	\$0	\$12,028,544	\$0	\$0	(\$818,904)	(\$5,026,272)	\$5,385,915	\$2,662,717	\$0
Schedule 89-T	\$0	\$30,960	\$0	\$236,296	\$0	\$0	(\$46,080)	(\$24,865)	\$1,790	\$14,673	\$0
Schedule 90-T	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(30 Mwa - 250 Mwa)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(GT 250 Mwa)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Schedule 75-T	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Schedule 76R	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$30,960	\$0	\$236,296	\$0	\$0	(\$46,080)	(\$24,865)	\$1,790	\$14,673	\$0
Schedule 485-S (Total)	\$0	\$227,880	\$0	\$0	\$0	\$0	(\$131,664)	(\$251,671)	\$680,344	\$65,753	\$0
Schedule 485-S (Sch 129 v2023)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$227,880	\$0	\$0	\$0	\$0	(\$131,664)	(\$251,671)	\$680,344	\$65,753	\$0
Schedule 485-P (Total)	\$0	\$40,320	\$0	\$0	\$0	\$0	(\$29,952)	(\$174,620)	\$379,200	\$44,621	\$0
Schedule 485-P (Sch 129 v2021)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Schedule 485-P (Sch 129 v2024)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Schedule 489-P (Total)	\$0	\$126,720	\$0	\$0	\$0	\$0	(\$238,080)	(\$322,585)	\$1,000,738	\$125,088	\$0
Schedule 489-P (Sch 129 v2021)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Schedule 489-P (Sch 129 v2024)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Schedule 689-P	\$0	\$23,760	\$0	\$0	\$0	\$0	(\$44,640)	(\$251,202)	\$587,165	\$61,808	\$0
Subtotal	\$0	\$190,800	\$0	\$0	\$0	\$0	(\$312,672)	(\$748,407)	\$1,967,103	\$231,518	\$0
Schedule 489-T	\$0	\$30,960	\$0	\$0	\$0	\$0	(\$46,080)	(\$104,685)	\$3,773	\$22,518	\$0
Subtotal	\$0	\$30,960	\$0	\$0	\$0	\$0	(\$46,080)	(\$104,685)	\$3,773	\$22,518	\$0
COS Totals	\$15,740,424	\$10,644,462	\$19,466,573	\$31,392,576	\$41,490,855	\$1,797,336	\$1,277,591	(\$635,955)	\$13,826,412	\$7,201,289	(\$348,454,177)
Market Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Direct Access Totals	\$0	\$449,640	\$0	\$0	\$0	\$0	(\$490,416)	(\$1,104,762)	\$2,651,220	\$319,789	\$0
Totals	\$15,740,424	\$11,094,102	\$19,466,573	\$31,392,576	\$41,490,855	\$1,797,336	\$787,175	(\$1,740,717)	\$16,477,633	\$7,521,078	(\$348,454,177)

Energy Block 2 Price	Energy Flat Price	Energy On-Peak Price	Energy Mid-Peak Price	Energy Off-Peak Price	Generation Demand Price	Wheeling Demand Revenues	Reactive Revenues	Fixed Revenues	Sch 146 Revenues	Sch 122a Revenues	Sch 122b Revenues	Sch 125 Revenues	Sch 145 Revenues	Sch 131 Revenues
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$429,024,351	\$0	\$1,854,496
\$0	(\$53,291)	\$0	\$0	\$0	\$0	\$0	\$0	\$16,843	\$0	\$0	\$0	\$62,734	\$0	\$609
\$0	(\$53,291)	\$0	\$0	\$0	\$0	\$0	\$0	\$16,843	\$0	\$0	\$0	\$429,087,085	\$0	\$1,855,105
\$0	(\$371,993)	\$0	\$0	\$0	\$0	\$0	\$0	\$123,512	\$0	\$0	\$0	\$437,904	\$0	\$4,398
\$0	(\$60,869,994)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$73,129,100	\$0	\$328,327
\$0	\$0	(\$858,317)	\$492,418	(\$653,579)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$304,916	\$0	\$6,053
\$0	(\$870,957)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,197,959	\$0	\$6,328
\$0	(\$2,782,696)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,291,357	\$0	\$15,702
\$0	\$0	(\$82,964,955)	\$31,409,284	(\$20,307,161)	\$8,279,809	\$0	\$0	\$0	\$0	\$0	\$0	\$22,942,845	\$0	\$470,206
\$0	\$0	(\$57,941,176)	\$22,030,310	(\$14,357,647)	\$6,962,830	\$0	\$0	\$0	\$0	\$0	\$0	\$14,910,452	\$0	\$283,068
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	(\$332,910)	\$0	\$0	\$0	\$0	\$0	\$0	(\$75,169)	\$0	\$0	\$0	\$379,468	\$0	\$6,080
\$0	(\$98,587)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,451	\$0	\$339
\$0	(\$1,011,184)	\$0	\$0	\$0	\$0	\$0	\$0	\$397,405	\$0	\$0	\$0	\$1,152,600	\$0	\$10,691
\$0	(\$66,358,211)	(\$141,764,448)	\$53,932,012	(\$35,318,388)	\$15,242,639	\$0	\$0	\$445,749	\$0	\$0	\$0	\$117,862,051	\$0	\$1,131,194
\$0	\$0	(\$18,823,322)	\$6,990,232	(\$5,446,507)	\$1,831,809	\$0	\$0	\$0	\$0	\$0	\$0	\$5,343,070	\$0	\$83,571
\$0	\$0	(\$39,079,917)	\$15,118,964	(\$13,897,681)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,294,370	\$0	\$121,224
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	(\$12,129,687)	\$0	(\$7,226,880)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,122,444	\$0	\$56,551
\$0	\$0	(\$73,768,630)	\$0	(\$45,096,722)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$79,483,686	\$0	\$305,526
\$0	\$0	(\$143,801,556)	\$22,109,196	(\$71,667,790)	\$1,831,809	\$0	\$0	\$0	\$0	\$0	\$0	\$110,243,569	\$0	\$566,873
\$0	\$0	(\$1,853,599)	\$799,108	(\$310,771)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$307,564	\$0	\$4,890
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	(\$1,853,599)	\$799,108	(\$310,771)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$307,564	\$0	\$4,890
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,155
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,050
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,690
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,453
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,138
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,138
\$0	(\$66,411,502)	(\$287,419,603)	\$76,840,315	(\$107,296,949)	\$17,074,447	\$0	\$0	\$462,591	\$0	\$0	\$0	\$657,500,269	\$0	\$3,558,061
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$38,745
\$0	(\$66,411,502)	(\$287,419,603)	\$76,840,315	(\$107,296,949)	\$17,074,447	\$0	\$0	\$462,591	\$0	\$0	\$0	\$657,500,269	\$0	\$3,596,806

Sch 132 Revenues	Sch 143 Revenues	Sch 128 Block 1 Revenues	Sch 128 Block 2 Revenues	Sch 129 Part A Revenues	Sch 129 Part B Revenues	Sch 139 Revenues	Sch 102 Block 1 Revenues	Sch 102 Block 2 Revenues	Sch 102 Block 3 Revenues	Sch 105 Revenues	Sch 109 Revenues	>1MWa Sch 109 Revenues	Sch 110 Revenues	Sch 112 Revenues	Sch 118 Revenues	Sch 123 Revenues
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,074,596	\$0	\$0	\$0	\$0	\$0	\$1,103,701
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$253)	\$0	\$0	\$0	\$0	\$0	(\$979)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,074,343	\$0	\$0	\$0	\$0	\$0	\$1,102,722
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,764)	\$0	\$0	\$0	\$0	\$0	(\$6,818)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$76,399)	\$0	\$0	\$0	\$0	\$0	(\$3,239,097)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,042	\$0	\$0	\$0	\$0	\$0	(\$16,586)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,887)	\$0	\$0	\$0	\$0	\$0	(\$12,996)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,941)	\$0	\$0	\$0	\$0	\$0	(\$36,466)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$28,461)	\$0	\$0	\$0	\$0	\$0	(\$731,267)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,177,152)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,578)	\$0	\$0	\$0	\$0	\$0	(\$6,116)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$28)	\$0	\$0	\$0	\$0	\$0	(\$1,711)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,794)	\$0	\$0	\$0	\$0	\$0	(\$18,576)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$113,809)	\$0	\$0	\$0	\$0	\$0	(\$5,246,785)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$251,045)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$99,524	\$0	\$0	\$0	\$0	\$0	(\$21,524)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$279,333	(\$246,470)	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,577,412	(\$1,391,835)	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,856,745	(\$1,538,781)	\$0	\$0	\$0	\$0	(\$272,968)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,475	\$0	\$0	\$0	\$0	\$0	(\$2,973)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,475	\$0	\$0	\$0	\$0	\$0	(\$2,973)
\$0	\$0	\$0	\$0	\$33,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$51,485)
\$0	\$0	\$0	\$0	\$33,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$67,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$51,485)
\$0	\$0	\$0	\$0	\$95,504	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$11,370)
\$0	\$0	\$0	\$0	\$95,504	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$655,894	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$655,894	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	(\$1,551,393)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$1,502,798	(\$1,551,393)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$11,370)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,856,745	\$1,425,228	\$0	\$0	\$0	\$0	\$0	(\$4,419,604)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$1,569,797	\$0	(\$1,551,393)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$62,855)
\$0	\$0	\$0	\$0	\$1,569,797	\$0	(\$1,551,393)	\$0	\$0	\$1,856,745	\$1,425,228	\$0	\$0	\$0	\$0	\$0	(\$4,482,458)

Removed 131

Sch 126 Revenues	Sch 135 Revenues	Sch 136 Revenues	Sch 137 Revenues	Sch 138 Revenues	Sch 150 Revenues	Sch 151 Revenues	Sch 152 Revenues	Sch 153 Revenues	Revenues Without Supplementals	Revenues With Sch 102	Supplemental Revenues	Total Revenues	Revenues Without Sch 109
(\$6,306,863)	\$78,836	\$1,340,208	\$394,179	\$315,343	(\$236,507)	\$0	\$0	\$0	\$145,301,925	\$145,301,925	\$1,617,989	\$146,919,914	\$146,919,914
(\$1,263)	(\$16)	\$205	\$63	\$47	(\$47)	\$0	\$0	\$16	\$37,070	\$37,070	(\$1,618)	\$35,452	\$35,452
(\$6,308,126)	\$78,820	\$1,340,414	\$394,242	\$315,391	(\$236,555)	\$0	\$0	\$16	\$145,338,995	\$145,338,995	\$1,616,371	\$146,955,366	\$146,955,366
(\$8,818)	(\$110)	\$1,433	\$441	\$331	(\$331)	\$0	\$0	\$110	\$264,704	\$264,704	(\$11,127)	\$253,576	\$253,576
(\$1,222,394)	\$15,280	\$244,477	\$76,399	\$45,939	\$0	\$0	\$0	\$0	\$35,410,313	\$35,410,313	(\$3,827,557)	\$31,582,756	\$31,582,756
(\$21,555)	\$269	\$4,580	\$1,078	\$808	\$10,777	\$0	\$0	\$0	(\$227,447)	(\$227,447)	(\$10,534)	(\$237,981)	(\$237,981)
(\$16,769)	\$419	\$4,821	\$1,467	\$838	(\$1,677)	\$0	\$0	\$0	\$743,300	\$743,300	(\$19,454)	\$723,846	\$723,846
(\$47,053)	\$588	\$11,763	\$3,529	\$2,353	(\$5,882)	\$0	\$0	\$0	\$1,863,684	\$1,863,684	(\$58,406)	\$1,805,278	\$1,805,278
(\$2,276,903)	\$739,993	\$341,535	\$85,384	\$113,845	\$939,222	\$0	\$0	\$0	(\$15,374,310)	(\$15,374,310)	(\$346,444)	(\$15,720,754)	(\$15,720,754)
(\$1,632,804)	\$510,251	\$163,280	\$61,230	\$81,640	\$285,741	\$0	\$0	\$0	(\$17,380,524)	(\$17,380,524)	(\$1,424,745)	(\$18,805,269)	(\$18,805,269)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(\$7,891)	\$197	\$1,282	\$395	\$296	(\$395)	\$0	\$0	\$99	\$38,760	\$38,760	(\$7,631)	\$31,129	\$31,129
(\$2,208)	(\$28)	\$248	\$93	\$63	\$0	\$0	\$0	\$0	\$18,823	\$18,823	(\$3,221)	\$15,602	\$15,602
(\$23,969)	\$599	\$3,995	\$1,198	\$899	(\$1,198)	\$0	\$0	\$300	\$743,455	\$743,455	(\$30,954)	\$712,501	\$712,501
(\$5,260,353)	\$1,267,460	\$777,316	\$231,204	\$246,932	\$1,226,258	\$0	\$0	\$508	\$6,100,758	\$6,100,758	(\$5,740,074)	\$360,684	\$360,684
(\$575,024)	(\$71,878)	\$35,939	\$21,563	\$21,563	\$21,563	\$0	\$0	\$0	(\$7,307,545)	(\$7,307,545)	(\$713,747)	(\$8,021,291)	(\$8,021,291)
(\$884,658)	\$0	\$0	\$33,175	\$22,116	(\$99,524)	\$0	\$0	\$0	(\$22,654,578)	(\$22,654,578)	(\$729,667)	(\$23,384,245)	(\$23,384,245)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(\$438,169)	(\$27,386)	\$38,340	\$16,431	\$16,431	\$5,477	\$0	\$0	\$0	(\$3,735,110)	(\$3,455,777)	(\$299,461)	(\$4,034,571)	(\$4,034,571)
(\$2,474,373)	(\$154,648)	\$216,508	\$92,789	\$92,789	\$30,930	\$0	\$0	\$0	(\$32,400,640)	(\$30,823,227)	(\$1,704,901)	(\$34,105,541)	(\$34,105,541)
(\$4,372,224)	(\$253,912)	\$290,786	\$163,958	\$152,900	(\$41,554)	\$0	\$0	\$0	(\$66,097,873)	(\$64,241,128)	(\$3,447,776)	(\$69,545,649)	(\$69,545,649)
(\$30,891)	(\$386)	(\$772)	\$772	\$1,158	(\$5,406)	\$0	\$0	\$0	(\$844,924)	(\$844,924)	(\$30,132)	(\$875,056)	(\$875,056)
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(\$30,891)	(\$386)	(\$772)	\$772	\$1,158	(\$5,406)	\$0	\$0	\$0	(\$844,924)	(\$844,924)	(\$30,132)	(\$875,056)	(\$875,056)
\$0	\$0	\$35,068	\$13,151	\$0	\$61,369	\$0	\$0	\$0	\$624,142	\$624,142	\$71,258	\$695,400	\$695,400
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,500	\$33,500	\$0	\$33,500	\$33,500
\$0	\$0	\$35,068	\$13,151	\$0	\$61,369	\$0	\$0	\$0	\$657,642	\$657,642	\$71,258	\$728,900	\$728,900
\$0	\$0	\$13,944	\$8,367	\$0	\$8,367	\$0	\$0	\$0	\$355,074	\$355,074	\$26,021	\$381,095	\$381,095
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$95,504	\$95,504	\$0	\$95,504	\$95,504
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$52,120	\$31,272	\$0	(\$93,816)	\$0	\$0	\$0	\$1,347,776	\$1,347,776	(\$1,374)	\$1,346,402	\$1,346,402
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$655,894	\$655,894	\$0	\$655,894	\$655,894
\$0	\$0	\$25,754	\$15,452	\$0	(\$46,356)	\$0	\$0	\$0	(\$1,174,502)	(\$1,174,502)	\$2,539	(\$1,171,963)	(\$1,171,963)
\$0	\$0	\$91,818	\$55,091	\$0	(\$131,806)	\$0	\$0	\$0	\$1,279,747	\$1,279,747	\$27,186	\$1,306,933	\$1,306,933
\$0	\$0	(\$4,094)	\$4,094	\$0	(\$28,659)	\$0	\$0	\$0	(\$93,514)	(\$93,514)	(\$26,522)	(\$120,036)	(\$120,036)
\$0	\$0	(\$4,094)	\$4,094	\$0	(\$28,659)	\$0	\$0	\$0	(\$93,514)	(\$93,514)	(\$26,522)	(\$120,036)	(\$120,036)
(\$15,971,593)	\$1,091,982	\$2,407,744	\$790,176	\$716,381	\$942,744	\$0	\$0	\$524	\$84,496,956	\$86,353,701	(\$7,601,611)	\$76,895,345	\$76,895,345
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$122,792	\$72,335	\$0	(\$99,096)	\$0	\$0	\$0	\$1,843,876	\$1,843,876	\$71,922	\$1,915,797	\$1,915,797
(\$15,971,593)	\$1,091,982	\$2,530,535	\$862,512	\$716,381	\$843,647	\$0	\$0	\$524	\$86,340,831	\$88,197,577	(\$7,529,690)	\$78,811,142	\$78,811,142

PORTLAND GENERAL ELECTRIC
Changes in Revenues Resulting from 2025 Price Changes (\$000)

Category	Current	2025 Proposed	Change
COS/VPO	\$2,773,320	\$3,077,602	\$304,282
Direct Access	\$21,842	\$22,901	\$1,059
Adjust for Employee Discount Base Rate Delta		\$14	
Cycle Totals	\$2,795,163	\$3,100,518	\$305,355
Calendar Adjustment	1.00236	1.00236	
Calendar Basis Retail Revenues	\$2,801,768	\$3,107,845	\$306,077
Calendar Basis Sch 146 Revenue	\$72,249		
Calendar Basis excluding Sch 146 Revenue	\$2,729,519	2,698,764	\$30,755

Changes in Total Revenues

	Current Table 1	2025 Proposed	Change
	\$3,007,371,918	\$3,305,169,190	\$297,797,272
	\$3,014,478,794	\$3,312,979,806	\$298,501,012

Reconciliation of Revenues and Revenue Requirement

Revenue Requirement	\$3,035,565
Calendar Revenues	\$3,107,845
Base Rate Difference	\$72,280
Schedule 146	(\$72,249)
Schedule 122a	\$0
Schedule 131	\$0
Total	\$31
FF	\$0
VTOU	\$0
Rate Design	\$32
CIO	(\$14)
Total	\$17
Adjust Delta to Calendar	\$17

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

Schedule	Billing Determinant	Units	Current		Proposed		
			Price	Revenues	Price	Revenues	
Schedule 7 Residential Service							
Monthly Basic Charge							
Single Phase-SFH	7,077,101	bills	\$13.00	\$92,002,314	\$15.00	\$106,156,516	
Single Phase-MFH	2,978,247	bills	\$10.00	\$29,782,469	\$12.00	\$35,738,963	
Three Phase	0	bills	\$0.00	\$0	\$15.00	\$0	
Transmission & Related Services Charge	7,883,579	MWh	6.78 mills	\$53,450,663	8.90 mills	\$70,163,850	
Distribution Charge	7,883,579	MWh	68.44 mills	\$539,552,124	71.98 mills	\$567,459,993	
Energy Charge							
Block 1 (first 10,000 kWh)	7,883,579	MWh	88.14 mills	\$694,858,624	43.94 mills	\$346,404,447	
Block 2 (over 1,000 kWh)	0	MWh	88.14 mills	\$0	43.94 mills	\$0	
Schedule 125	7,883,579	MWh	0.00 mills	\$0	54.42 mills	\$429,024,351	
Schedule 122a	7,883,579	MWh	0.00 mills	\$0	0.00 mills	\$0	
Schedule 131			(0.001) %		0.000 %	-	
Schedule 146	7,883,579	MWh	4.03 mills	\$31,770,822	4.03 mills	\$31,770,822	
Employee Discount				(\$1,031,478)		(\$1,117,866)	
Totals	7,883,579	MWh		\$1,440,385,539		\$1,585,601,077	
				Change		\$145,215,538	
				Percent Change		10.08%	

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

<u>Schedule</u>	<u>Billing Determinant</u>	<u>Units</u>	<u>Current</u>		<u>Proposed</u>		
			<u>Price</u>	<u>Revenues</u>	<u>Price</u>	<u>Revenues</u>	
Schedule 15							
Outdoor Area Lighting							
Transmission & Related Services Charge	12,601	MWh	3.94 mills	\$49,648	5.25 mills	\$66,155	
Distribution Charge	12,601	MWh	64.58 mills	\$813,773	70.10 mills	\$883,330	
Fixed Charge				\$2,282,087		\$2,422,442	
Energy Charge	12,601	MWh	64.48 mills	\$812,512	30.73 mills	\$387,229	
Schedule 125	12,601	MWh	0.00 mills	\$0	39.73 mills	\$500,638	
Schedule 122a	12,601	MWh	0.00 mills	\$0	0.00 mills	\$0	
Schedule 131			(0.001) %		0.000 %	\$0	
Schedule 146	12,601	MWh	2.95 mills	\$37,173	2.95 mills	\$37,173	
Totals	12,601	MWh		\$3,995,193		\$4,296,967	
				Change		\$301,773	
				Percent Change		7.55%	

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

Schedule	Billing Determinant	Units	Current		Proposed	
			Price	Revenues	Price	Revenues
Schedule 32						
Small Non-residential Service						
Monthly Basic Charge						
Single Phase	730,921	bills	\$22.00	\$16,080,262	\$24.00	\$17,542,104
Three Phase	430,884	bills	\$31.00	\$13,357,404	\$33.00	\$14,219,172
Transmission & Related Services Charge	1,527,980	MWh	5.52 mills	\$8,434,447	7.19 mills	\$10,986,173
Distribution Charge						
Block 1	1,343,126	MWh	60.98 mills	\$81,903,851	74.50 mills	\$100,062,920
Block 2	184,853	MWh	34.14 mills	\$6,310,884	34.88 mills	\$6,447,676
Energy Charge	1,527,980	MWh	78.58 mills	\$120,068,631	38.73 mills	\$59,178,647
TOU Decrement						
Schedule 125	1,527,980	MWh	0.00 mills	\$0	47.86 mills	\$73,129,100
Schedule 122a	1,527,980	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131			(0.001) %		0.000 %	\$0
Schedule 146	1,527,980	MWh	3.60 mills	\$5,500,726	3.60 mills	\$5,500,726
Totals	1,527,980	MWh		\$251,656,205		\$287,066,518
				Change		\$35,410,313
				Percent Change		14.07%

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

<u>Schedule</u>	<u>Billing Determinant</u>	<u>Units</u>	<u>Current</u>		<u>Proposed</u>	
			<u>Price</u>	<u>Revenues</u>	<u>Price</u>	<u>Revenues</u>
Schedule 38						
Large Non-residential Service Time-of-Day						
Monthly Basic Charge						
Single Phase	1,116	bills	\$35.00	\$39,060	\$50.00	\$55,800
Three Phase	3,468	bills	\$35.00	\$121,380	\$60.00	\$208,080
Transmission & Related Services Charge	26,943	MWh	5.52 mills	\$148,728	6.99 mills	\$188,335
Distribution Charge	26,943	MWh	83.16 mills	\$2,240,616	95.93 mills	\$2,584,684
Reactive Power Charge	0	kVar	\$0.50	\$0	\$0.50	\$0
Energy Charge						
On-peak	13,392	5,660 MWh	83.12 mills	\$1,113,140	45.02 mills	\$254,823
Mid-peak		12,304 MWh	0.00 mills	\$0	40.02 mills	\$492,418
Off-peak	13,551	8,979 MWh	68.12 mills	\$923,126	30.02 mills	\$269,547
Schedule 125 On-peak		5,660 MWh	0.00 mills	\$0	53.87 mills	\$304,916
Schedule 125 Mid-peak		12,304 MWh			48.87 mills	\$601,311
Schedule 125 Off-peak		8,979 MWh			38.87 mills	\$349,010
Schedule 122a	26,943	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131			(0.001) %		0.000 %	\$0
Schedule 146	26,943	MWh	3.47 mills	\$93,494	3.47 mills	\$93,494
Totals	26,943	MWh		\$4,679,544		\$5,402,418
				Change		\$722,874
				Percent Change		15.45%

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

Schedule	Billing Determinant	Units	Current		Proposed	
			Price	Revenues	Price	Revenues
Schedule 47						
Small Non-residential Irrigation & Pumping Service						
Monthly Basic Charge						
Single Phase	1,392	bills	\$39.00	\$54,288	\$39.00	\$54,288
Three Phase	14,370	bills	\$39.00	\$560,430	\$39.00	\$560,430
Transmission & Related Services Charge	20,962	MWh	5.92 mills	\$124,093	7.62 mills	\$159,728
Distribution Charge						
Block 1	4,505	MWh	126.44 mills	\$569,645	144.60 mills	\$651,461
Block 2	16,456	MWh	106.44 mills	\$1,751,619	124.60 mills	\$2,050,467
Reactive Power Charge	0	kVar	\$0.50	\$0	\$0.50	\$0
Energy Charge						
Block 1	4,505	MWh	87.75 mills	\$395,337	46.20 mills	\$208,143
Block 2	16,456	MWh	87.75 mills	\$1,444,049	46.20 mills	\$760,285
Schedule 125	20,962	MWh	0.00 mills	\$0	57.15 mills	\$1,197,959
Schedule 122a	20,962	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131			(0.001) %		0.000 %	\$0
Schedule 146	20,962	MWh	4.02 mills	\$84,266	4.02 mills	\$84,266
Totals	20,962	MWh		\$4,983,726		\$5,727,026
				Change		\$743,300
				Percent Change		14.91%

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

Schedule	Billing Determinant	Units	Current		Proposed	
			Price	Revenues	Price	Revenues
Schedule 49						
Large Non-residential Irrigation & Pumping Service						
Monthly Basic Charge						
Single Phase	48	bills	\$50.00	\$2,400	\$60.00	\$2,880
Three Phase	8,166	bills	\$50.00	\$408,300	\$60.00	\$489,960
Transmission & Related Services Charge	58,816	MWh	5.70 mills	\$335,253	7.08 mills	\$416,419
Distribution Charge						
Block 1	9,898	MWh	117.43 mills	\$1,162,330	137.69 mills	\$1,362,865
Block 2	48,918	MWh	97.43 mills	\$4,766,097	117.69 mills	\$5,757,180
Reactive Power Charge	0	kVar	\$0.50	\$0	\$0.50	\$0
Energy Charge						
Block 1	9,898	MWh	92.55 mills	\$916,066	45.24 mills	\$447,789
Block 2	48,918	MWh	92.55 mills	\$4,527,377	45.24 mills	\$2,213,058
Schedule 125	58,816	MWh	0.00 mills	\$0	55.96 mills	\$3,291,357
Schedule 122a	58,816	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131			(0.001) %		0.000 %	\$0
Schedule 146	58,816	MWh	4.24 mills	\$249,381	4.24 mills	\$249,381
Totals	58,816	MWh		\$12,367,204		\$14,230,888
				Change		\$1,863,684
				Percent Change		15.07%

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

Schedule	Billing Determinant	Units	Current		Proposed	
			Price	Revenues	Price	Revenues
Schedule 83 Secondary Delivery Voltage 31-200 kW Large Non-residential Standard Service						
Monthly Basic Charge						
Single Phase	10,716	bills	\$40.00	\$428,640	\$50.00	\$535,800
Three Phase	130,848	bills	\$50.00	\$6,542,400	\$60.00	\$7,850,880
Transmission & Related Services Charge						
On-peak	8,624,801	kW	\$2.12	\$18,284,577	\$3.48	\$30,014,306
Off-peak	97,360	kW	\$0.00	\$0	\$0.00	\$0
Distribution Facilities Charge						
Block 1 (first 30 kW)	4,246,920	faccap	\$5.55	\$23,570,406	\$6.24	\$26,500,781
Block 2 (over 30 kW)	7,964,105	faccap	\$5.45	\$43,404,371	\$6.14	\$48,899,604
Distribution Demand Charge						
On-peak	8,624,801	kW	\$1.51	\$13,023,449	\$2.11	\$18,198,329
Off-peak	97,360	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	2,846,128	MWh	10.87 mills	\$30,937,414	10.35 mills	\$29,457,427
Reactive Power Charge	901,182	kVar	\$0.50	\$450,591	\$0.50	\$450,591
Energy Charge						
On-peak	1,846,268	639,611	55.34 mills	\$102,172,472	30.03 mills	\$19,207,517
Mid-peak		1,206,657	0.00 mills	\$0	26.03 mills	\$31,409,284
Off-peak	999,860	999,860	40.34 mills	\$40,334,361	20.03 mills	\$20,027,200
Generation Demand		8,624,801	8.90 mills	\$76,760,726	9.86	\$85,040,534
Schedule 125 On-peak		639,611	0.00 mills	\$0	35.87 mills	\$22,942,845
Schedule 125 Mid-peak		1,206,657			31.87 mills	\$38,456,161
Schedule 125 Off-peak		999,860			25.87 mills	\$25,866,384
Schedule 122a		2,846,128	0.00 mills	\$0	0.00 mills	\$0
Schedule 131			(0.001) %		0.000 %	\$0
Schedule 146		2,846,128	3.53 mills	\$10,046,833	3.53 mills	\$10,046,833
Totals		2,846,128		\$365,956,240		\$414,904,474
				Change		\$48,948,235
				Percent Change		13.38%

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

Schedule	Billing Determinant	Units	Current		Proposed	
			Price	Revenues	Price	Revenues
Schedule 85 Secondary Delivery Voltage 201-4,000 kW Large Non-residential Standard Service						
Monthly Basic Charge						
Single Phase	0	bills	\$780.00	\$0	\$870.00	\$0
Three Phase	15,150	bills	\$780.00	\$11,817,000	\$870.00	\$13,180,500
Transmission & Related Services Charge						
On-peak	5,439,711	kW	\$2.12	\$11,532,187	\$3.48	\$18,930,194
Off-peak	55,823	kW	\$0.00	\$0	\$0.00	\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	3,030,000	faccap	\$3.10	\$9,393,000	\$2.84	\$8,605,200
Block 2 (over 200 kW)	4,154,036	faccap	\$3.00	\$12,462,108	\$2.74	\$11,382,059
Distribution Demand Charge						
On-peak	5,439,711	kW	\$1.51	\$8,213,964	\$2.11	\$11,477,790
Off-peak	55,823	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	2,041,005	MWh	2.57 mills	\$5,245,382	2.99 mills	\$6,102,604
Reactive Power Charge	851,454	kVar	\$0.50	\$425,727	\$0.50	\$425,727
Energy Charge						
On-peak	1,311,820	431,312 MWh	53.71 mills	\$70,457,847	29.02 mills	\$12,516,671
Mid-peak		880,508 MWh	0.00 mills	\$0	25.02 mills	\$22,030,310
Off-peak	729,185	729,185 MWh	38.71 mills	\$28,226,741	19.02 mills	\$13,869,093
Generation Demand		5,439,711 kW	10.12 mills	\$55,049,875	11.40	\$62,012,706
Schedule 125 On-peak		431,312 MWh	0.00 mills	\$0	34.57 mills	\$14,910,452
Schedule 125 Mid-peak		880,508 MWh			30.57 mills	\$26,917,130
Schedule 125 Off-peak		729,185 MWh			24.57 mills	\$17,916,069
Schedule 122a	2,041,005	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131			(0.001) %		0.000 %	\$0
Schedule 146	2,041,005	MWh	3.45 mills	\$7,041,466	3.45 mills	\$7,041,466
Totals	2,041,005	MWh		\$219,865,297		\$247,317,972
				Change		\$27,452,674
				Percent Change		12.49%

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

Schedule	Billing Determinant	Units	Current		Proposed		
			Price	Revenues	Price	Revenues	
Schedule 85 Primary Delivery Voltage 201-4,000 kW Large Non-residential Standard Service							
Monthly Basic Charge							
Single Phase	0	bills	\$670.00	\$0	\$740.00	\$0	
Three Phase	2,112	bills	\$670.00	\$1,415,040	\$740.00	\$1,562,880	
Transmission & Related Services Charge							
On-peak	1,453,816	kW	\$2.10	\$3,053,014	\$3.44	\$5,001,128	
Off-peak							
Distribution Facilities Charge							
Block 1 (first 200 kW)	422,400	faccap	\$3.07	\$1,296,768	\$2.81	\$1,186,944	
Block 2 (over 200 kW)	1,396,664	faccap	\$2.97	\$4,148,093	\$2.71	\$3,784,960	
Distribution Demand Charge							
On-peak	1,453,816	kW	\$1.49	\$2,166,186	\$2.09	\$3,038,476	
System Usage Charge	718,780	MWh	2.54 mills	\$1,825,702	2.96 mills	\$2,127,589	
Reactive Power Charge	249,409	kVar	\$0.50	\$124,704	\$0.50	\$124,704	
Energy Charge							
On-peak	438,322	156,002	MWh	53.18 mills	\$23,309,941	28.76 mills	\$4,486,619
Mid-peak		282,320	MWh	0.00 mills	\$0	24.76 mills	\$6,990,232
Off-peak	280,459	280,459	MWh	38.18 mills	\$10,707,911	18.76 mills	\$5,261,404
Generation Demand		1,453,816	kW	10.01 mills	\$14,552,702	11.27	\$16,384,510
Schedule 125 On-peak		156,002	MWh	0.00 mills	\$0	34.25 mills	\$5,343,070
Schedule 125 Mid-peak		282,320	MWh			30.25	\$8,540,166
Schedule 125 Off-peak		280,459	MWh			24.25	\$6,801,122
Schedule 122a		718,780	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131				(0.001) %		0.000 %	\$0
Schedule 146		718,780	MWh	3.20 mills	\$2,300,097	3.20 mills	\$2,300,097
Totals		718,780	MWh		\$64,900,158		\$72,933,902
					Change		\$8,033,743
					Percent Change		12.38%

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

<u>Schedule</u>	<u>Billing Determinant</u>	<u>Units</u>	<u>Current</u>		<u>Proposed</u>	
			<u>Price</u>	<u>Revenues</u>	<u>Price</u>	<u>Revenues</u>
Schedule 89 Secondary Delivery Voltage GT 4,000 kW Large Non-residential Standard Service						
Monthly Basic Charge	0	bills	\$3,490.00	\$0	\$4,150.00	\$0
Transmission & Related Services Charge						
On-peak	0	kW	\$2.12	\$0	\$3.48	\$0
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
Distribution Facilities Charge						
First 1,000 kW	0	faccap	\$1.51	\$0	\$1.20	\$0
Over 4,000 kW	0	faccap	\$1.20	\$0	\$0.00	\$0
Distribution Demand Charge						
On-peak	0	kW	\$1.51	\$0	\$2.11	\$0
System Usage Charge	0	MWh	2.17 mills	\$0	2.57 mills	\$0
Reactive Power Charge	0	kVar	\$0.50	\$0	\$0.50	\$0
Energy Charge						
On-peak	0	MWh	77.14 mills	\$0	41.88 mills	\$0
Mid-peak	0	MWh	0.00 mills	\$0	37.88 mills	\$0
Off-peak	0	MWh	62.14 mills	\$0	31.88 mills	\$0
Schedule 125 On-peak	0	MWh	0.00 mills	\$0	48.03 mills	\$0
Schedule 125 Mid-peak		MWh			44.03 mills	\$0
Schedule 125 Off-peak		MWh			38.03 mills	\$0
Schedule 122a	0	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131			(0.001) %		0.000 %	\$0
Schedule 146	0	MWh	3.26 mills	\$0	3.26 mills	\$0
Totals	0	MWh		\$0		\$0
				Change		\$0
				Percent Change		

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

<u>Schedule</u>	<u>Billing Determinant</u>	<u>Units</u>	<u>Current</u>		<u>Proposed</u>		
			<u>Price</u>	<u>Revenues</u>	<u>Price</u>	<u>Revenues</u>	
Schedule 89 Primary Delivery Voltage GT 4,000 kW Large Non-residential Standard Service							
Monthly Basic Charge	321	bills	\$3,450.00	\$1,107,450	\$4,110.00	\$1,319,310	
Transmission & Related Services Charge							
On-peak	2,043,440	kW	\$2.10	\$4,291,224	\$3.44	\$7,029,433	
Off-peak	19,724	kW	\$0.00	\$0	\$0.00	\$0	
Distribution Facilities Charge							
First 4,000 kW	1,284,000	faccap	\$1.50	\$1,926,000	\$1.19	\$1,527,960	
Over 4,000 kW	966,703	faccap	\$1.19	\$1,150,376	\$0.88	\$850,699	
Distribution Demand Charge							
On-peak	2,043,440	kW	\$1.49	\$3,044,725	\$2.09	\$4,270,789	
Off-peak	19,724	kW	\$0.00	\$0	\$0.00	\$0	
System Usage Charge	1,105,823	MWh	2.15 mills	\$2,377,519	2.54 mills	\$2,808,790	
Reactive Power Charge	458,901	kVar	\$0.50	\$229,451	\$0.50	\$229,451	
Energy Charge							
On-peak	640,706	237,426	MWh	76.37 mills	\$48,930,735	41.49 mills	\$9,850,818
Mid-peak		403,280	MWh	0.00 mills	\$0	37.49 mills	\$15,118,964
Off-peak	465,117	465,117	MWh	61.37 mills	\$28,544,200	31.49 mills	\$14,646,519
Schedule 125 On-peak		237,426	MWh	0.00 mills	\$0	47.57 mills	\$11,294,370
Schedule 125 Mid-peak		403,280	MWh			43.57 mills	\$17,570,906
Schedule 125 Off-peak		465,117	MWh			37.57 mills	\$17,474,427
Schedule 122a	1,105,823	MWh	0.00 mills	\$0	0.00 mills	\$0	
Schedule 131			(0.001) %		0.000 %	\$0	
Schedule 146	1,105,823	MWh	3.22 mills	\$3,560,749	3.22 mills	\$3,560,749	
Totals	1,105,823	MWh		\$95,162,429		\$107,553,184	
				Change		\$12,390,755	
				Percent Change		13.02%	

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

<u>Schedule</u>	<u>Billing Determinant</u>	<u>Units</u>	<u>Current</u>		<u>Proposed</u>	
			<u>Price</u>	<u>Revenues</u>	<u>Price</u>	<u>Revenues</u>
Schedule 90-P 30-250 Mwa						
Large Non-residential Standard Service						
Monthly Basic Charge	96	bills	\$12,200.00	\$1,171,200	\$18,400.00	\$1,766,400
Transmission & Related Services Charge						
On-peak	5,479,269	kW	\$2.10	\$11,506,466	\$3.44	\$18,848,687
Off-peak	4,941	kW	\$0.00	\$0	\$0.00	\$0
Distribution Facilities Charge						
First 4,000 kW	384,000	faccap	\$1.79	\$687,360	\$0.98	\$376,320
Over 4,000 kW	5,386,990	faccap	\$1.48	\$7,972,745	\$0.67	\$3,609,283
Distribution Demand Charge						
On-peak	5,479,269	kW	\$1.49	\$8,164,111	\$2.09	\$11,451,673
Off-peak	4,941	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge						
Sch 90 (30-250 Mwa)	547,711	MWh	1.98 mills	\$1,084,468	2.51 mills	\$1,374,755
Sch 90 (>250 Mwa)	3,092,966	MWh	1.98 mills	\$6,124,072	2.51 mills	\$7,763,344
Reactive Power Charge	1,293,494	kVar	\$0.50	\$646,747	\$0.50	\$646,747
Energy Charge						
Sch 90 (30-250 Mwa)						
On-peak	314,812	MWh	74.76 mills	\$23,535,308	36.23 mills	\$11,405,621
Off-peak	232,900	MWh	59.76 mills	\$13,918,091	28.73 mills	\$6,691,211
Sch 90 (>250 Mwa)						
On-peak	1,771,816	MWh	72.97 mills	\$129,297,357	31.34 mills	\$55,528,727
Off-peak	1,321,149	MWh	57.97 mills	\$76,592,920	23.8400 mills	\$31,496,198
Schedule 125						
Sch 90 (30-250 Mwa) On-peak	314,812	MWh	0.00 mills	\$0	44.86 mills	\$14,122,444
Sch 90 (30-250 Mwa) Off-peak	232,900	MWh			37.36	\$8,701,136
Sch 90 (>250 Mwa) On-peak	1,771,816	MWh	0.00 mills	\$0	44.86 mills	\$79,483,686
Sch 90 (>250 Mwa) Off-peak	1,321,149	MWh			37.36	\$49,358,135
Schedule 122a						
Sch 90 (30-250 Mwa)	547,711	MWh	0.00 mills	\$0	0.00 mills	\$0
Sch 90 (>250 Mwa)	3,092,966	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131						
Sch 90 (30-250 Mwa)	547,711		0.000 %		0.000 %	\$0
Sch 90 (>250 Mwa)	3,092,966					
Schedule 146						
Sch 90 (30-250 Mwa)	547,711	MWh	3.06 mills	\$1,675,997	3.06 mills	\$1,675,997
Sch 90 (>250 Mwa)	3,092,966	MWh	3.06 mills	\$9,464,475	3.06 mills	\$9,464,475
Totals	3,640,677	MWh		\$291,841,316		\$313,764,837

PORTLAND GENERAL ELECTRIC
 Cycle Billing Determinants & Base Revenues (Base Rates)

<u>Schedule</u>	<u>Billing Determinant</u>	<u>Units</u>	<u>Current</u>		<u>Proposed</u>	
			<u>Price</u>	<u>Revenues</u>	<u>Price</u>	<u>Revenues</u>
				Change		\$21,923,521
				Percent Change		7.51%

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

<u>Schedule</u>	<u>Billing Determinant</u>	<u>Units</u>	<u>Current</u>		<u>Proposed</u>	
			<u>Price</u>	<u>Revenues</u>	<u>Price</u>	<u>Revenues</u>
Schedule 89 Subtransmission Delivery Voltage Large Non-residential Standard Service						
Monthly Basic Charge	36	bills	\$4,950.00	\$178,200	\$5,810.00	\$209,160
Transmission & Related Services Charge						
On-peak	179,012	kW	\$2.06	\$368,765	\$3.38	\$605,061
Off-peak	1,255	kW	\$0.00	\$0	\$0.00	\$0
Distribution Facilities Charge						
First 1,000 kW	144,000	faccap	\$1.50	\$216,000	\$1.18	\$169,920
Over 4,000 kW	77,704	faccap	\$1.19	\$92,468	\$0.87	\$67,602
Distribution Demand Charge						
On-peak	179,012	kW	\$0.12	\$21,481	\$0.13	\$23,272
Off-peak	1,255	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	38,613	MWh	2.13 mills	\$82,246	2.51 mills	\$96,919
Reactive Power Charge	30,711	kVar	\$0.50	\$15,356	\$0.50	\$15,356
Energy Charge						
On-peak	28,075	6,530 MWh	75.58 mills	\$2,121,918	41.09 mills	\$268,319
Mid-peak		21,545 MWh	0.00 mills	\$0	37.09 mills	\$799,108
Off-peak	10,538	10,538 MWh	60.58 mills	\$638,403	31.09 mills	\$327,632
Schedule 125 On-peak		6,530 MWh	0.00 mills	\$0	47.10 mills	\$307,564
Schedule 125 On-peak		21,545 MWh			43.10 mills	\$928,594
Schedule 125 On-peak		10,538 MWh			37.10 mills	\$390,966
Schedule 122a		38,613 MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131		38,613 MWh	(0.001) %		0.00 %	\$0
Schedule 146		38,613 MWh	3.28 mills	\$126,652	3.28 mills	\$126,652
Totals	38,613	MWh		\$3,861,488		\$4,336,124
				Change		\$474,636
				Percent Change		12.29%

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

<u>Schedule</u>	<u>Billing Determinant</u>	<u>Units</u>	<u>Current</u>		<u>Proposed</u>	
			<u>Price</u>	<u>Revenues</u>	<u>Price</u>	<u>Revenues</u>
Schedule 75 Subtransmission Delivery Voltage Partial Requirements Service						
Monthly Basic Charge	0	bills	\$4,950.00	\$0	\$5,810.00	\$0
Transmission & Related Services Charge						
On-peak	0	kW	\$2.06	\$0	\$3.38	\$0
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
Distribution Facilities Charge						
First 1,000 kW	0	faccap	\$1.50	\$0	\$1.18	\$0
1,001 to 4,000 kW	0	faccap	\$1.19	\$0	\$1.18	\$0
Over 4,000 kW	0	faccap	\$0.00	\$0	\$0.87	\$0
Distribution Demand Charge						
On-peak	0	kW	\$0.12	\$0	\$0.13	\$0
Off-peak	0	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	0	MWh	2.13 mills	\$0	2.51 mills	\$0
Reactive Power Charge	0	kVar	\$0.50	\$0	\$0.50	\$0
Energy Charge (Schedule 75 only)						
On-peak	0	MWh	75.58 mills	\$0	41.09 mills	\$0
Off-peak	0	MWh	60.58 mills	\$0	31.09 mills	\$0
Schedule 125	0	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 122a	0	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131			(0.001) %		0.000 %	\$0
Schedule 146	0	MWh	3.28 mills	\$0	3.28 mills	\$0
Totals	0	MWh		\$0		\$0
				Change		\$0
				Percent Change		
Total Subtransmission	38,613	MWh		\$3,861,488		\$4,336,124
Total Subtransmission				Change		\$474,636
				Percent Change		12.29%

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

<u>Schedule</u>	<u>Billing Determinant</u>	<u>Units</u>	<u>Current</u>		<u>Proposed</u>	
			<u>Price</u>	<u>Revenues</u>	<u>Price</u>	<u>Revenues</u>
Schedule 91/95						
Street & Highway Lighting						
Transmission & Related Services Charge	39,825	MWh	4.13 mills	\$164,477	4.77 mills	\$189,965
Distribution Charge	39,825	MWh	64.39 mills	\$2,564,332	70.58 mills	\$2,810,849
Fixed Charge				\$7,988,694		\$8,310,931
Energy Charge	39,825	MWh	64.48 mills	\$2,567,916	30.73 mills	\$1,223,822
Schedule 125	39,825	MWh	0.00 mills	\$0	NA mills	\$1,532,068
Schedule 122a	39,825	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131			(0.001) %		0.000 %	\$0
Schedule 146	39,825	MWh	2.95 mills	\$117,484	2.95 mills	\$117,484
Totals	39,825	MWh		\$13,402,903		\$14,185,118
				Change		\$782,215
				Percent Change		5.84%
Schedule 92						
Traffic Signals						
Transmission & Related Services Charge	2,760	MWh	4.21 mills	\$11,620	5.39 mills	\$14,876
Volumetric Distribution Charge	2,760	MWh	19.05 mills	\$52,578	18.58 mills	\$51,281
Energy Charge	2,760	MWh	68.87 mills	\$190,081	33.15 mills	\$91,494
Schedule 125	2,760	MWh	0.00 mills	\$0	41.83 mills	\$115,451
Schedule 122a	2,760	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 131			(0.001) %		0.000 %	\$0
Schedule 146	2,760	MWh	3.15 mills	\$8,694	3.15 mills	\$8,694
Totals	2,760	MWh		\$262,973		\$281,796
				Change		\$18,823
				Percent Change		7.16%
System COS Totals	19,964,492	MWh		\$2,773,320,215		\$3,077,602,300
				System COS Change		\$304,282,085
				System COS Percent Change		10.97%

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

Schedule	Billing Determinant	Units	Current		Proposed		
			Price	Revenues	Price	Revenues	
Schedule 76R Economic Replacement Power Partial Requirements Service							
Energy Charge (not applicable)							
On-peak							
Off-peak							
System Usage Charge	0	MWh	0.00 mills	\$0	0.00 mills	\$0	
Daily Transmission Charges							
Daily Distribution Charges							
Totals	0	MWh		\$0		\$0	
				Change		\$0	
Schedule 485 Secondary (201-4,000 kW) Large Non-residential Optional Service (Direct Access)							
Monthly Basic Charge							
Single Phase	0	bills	\$0.00	\$0	\$870.00	\$0	
Three Phase	2,532	bills	\$780.00	\$1,974,960	\$870.00	\$2,202,840	
Transmission & Related Services Charge							
On-peak		kW		\$0		\$0	
Off-peak		kW		\$0		\$0	
Distribution Facilities Charge							
Block 1 (first 200 kW)	506,400	faccap	\$3.10	\$1,569,840	\$2.84	\$1,438,176	
Block 2 (over 200 kW)	967,964	faccap	\$3.00	\$2,903,891	\$2.74	\$2,652,220	
Distribution Demand Charge							
On-peak	1,133,907	kW	\$1.51	\$1,712,199	\$2.11	\$2,392,543	
Off-peak	4,614	kW	\$0.00	\$0	\$0.00	\$0	
System Usage Charge	438,351	MWh	0.51 mills	\$223,559	0.66 mills	\$289,312	
Reactive Power Charge	120,286	kVar	\$0.50	\$60,143	\$0.50	\$60,143	
Energy Charge (not applicable)		MWh		mills	\$0	mills	\$0
Schedule 129							
Part A - Energy							
Schedule 485-S (Sch 129 v2020)	0	MWh	19.60 mills	\$0	0.00 mills	\$0	
Schedule 485-S (Sch 129 v2023)	4,351	MWh	(18.45) mills	(\$80,269)	(10.75) mills	(\$46,769)	
Schedule 485-S (Sch 129 v2025)	0	MWh	0.00 mills	\$0	0.00 mills	\$0	
Part B - Demand							
Schedule 485-S (Sch 129 v2020)	0	kW	\$0.00	\$0	\$0.00	\$0	

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

Schedule	Billing Determinant	Units	Current		Proposed	
			Price	Revenues	Price	Revenues
Schedule 485-S (Sch 129 v2023)	11,778	kW	\$5.17	\$60,893	\$5.17	\$60,893
Schedule 485-S (Sch 129 v2025)	0	kW	\$0.00	\$0	\$0.00	\$0
Schedule 131			(0.001) %		0	\$0
Totals	438,351	MWh		\$8,425,216		\$9,049,358
				Change		\$624,142
Schedule 485 Primary (201 to 4,000 kW)						
Large Non-residential Standard Service (Direct Access)						
Monthly Basic Charge	576	bills	\$670.00	\$385,920	\$740.00	\$426,240
Transmission & Related Services Charge						
On-peak	632,000	kW		\$0		\$0
Off-peak	1,106	kW		\$0		\$0
Distribution Facilities Charge						
Block 1 (first 200 kW)	115,200	faccap	\$3.07	\$353,664	\$2.81	\$323,712
Block 2 (over 200 kW)	671,614	faccap	\$2.97	\$1,994,693	\$2.71	\$1,820,073
Distribution Demand Charge						
On-peak	632,000	kW	\$1.49	\$941,680	\$2.09	\$1,320,881
Off-peak	1,106	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	278,884	MWh	0.50 mills	\$139,442	0.66 mills	\$184,064
Reactive Power Charge	130,319	kVar	\$0.50	\$65,159	\$0.50	\$65,159
Energy Charge (not applicable)						
Schedule 129						
Part A - Energy						
Schedule 485-P (Sch 129 v2021)	13,173	MWh	\$25.99 mills	\$342,366	33.24 mills	\$437,871
Schedule 485-P (Sch 129 v2024)	0	MWh	\$0.00 mills	\$0	0.00 mills	\$0
Schedule 485-P (Sch 129 v2025)	0	MWh	\$0.00 mills	\$0	0.00 mills	\$0
Part B - Demand						
Schedule 485-P (Sch 129 v2021)	0	kW	\$0.00	\$0	\$0.00	\$0
Schedule 485-P (Sch 129 v2024)	0	kW	\$0.00	\$0	\$0.00	\$0
Schedule 485-P (Sch 129 v2025)	0	kW	\$0.00	\$0	\$0.00	\$0
Schedule 131			(0.001) %		0	\$0
Totals	278,884	MWh		\$4,222,925		\$4,578,000
				Change		\$355,074

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

Schedule	Billing Determinant	Units	Current		Proposed	
			Price	Revenues	Price	Revenues
Schedule 489 Primary (GT 4,000 kW)						
Large Non-residential Standard Service (Direct Access)						
Monthly Basic Charge	192	bills	\$3,450.00	\$662,400	\$4,110.00	\$789,120
Transmission & Related Services Charge						
On-peak	1,667,897	kW		\$0		\$0
Off-peak	2,733	kW		\$0		\$0
Distribution Facilities Charge						
First 1,000 kW	768,000	faccap	\$1.50	\$1,152,000	\$1.19	\$913,920
Over 4,000 kW	1,040,597	faccap	\$1.19	\$1,238,310	\$0.88	\$915,725
Distribution Demand Charge						
On-peak	1,667,897	kW	\$1.49	\$2,485,166	\$2.09	\$3,485,904
Off-peak	2,733	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	1,042,401	MWh	0.18 mills	\$187,632	0.30 mills	\$312,720
Reactive Power Charge	527,458	kVar	\$0.50	\$263,729	\$0.50	\$263,729
Energy Charge (not applicable)				mills		mills
Schedule 129						
Part A - Energy						
Schedule 489-P (Sch 129 v2020)	0	MWh	16.82 mills	\$0	0.00 mills	\$0
Schedule 489-P (Sch 129 v2021)	18,499	MWh	0.00 mills	\$0	0.00 mills	\$0
Schedule 489-P (Sch 129 v2024)	95,334	MWh	(24.05) mills	(\$2,292,771)	(17.17) mills	(\$1,636,876)
Schedule 489-P (Sch 129 v2025)	0	MWh	0.00 mills	\$0	0.00 mills	\$0
Part B - Demand						
Schedule 489-P (Sch 129 v2020)	0	kW	\$0.00	\$0	\$0.00	\$0
Schedule 489-P (Sch 129 v2021)	0	kW	\$0.00	\$0	\$0.00	\$0
Schedule 489-P (Sch 129 v2024)	0	kW	\$0.00	\$0	\$0.00	\$0
Schedule 489-P (Sch 129 v2025)	0	kW	\$0.00	\$0	\$0.00	\$0
Schedule 131			(0.001) %		\$0	\$0
Totals	1,042,401	MWh		\$3,696,467		\$5,044,242
				Change		\$1,347,776
Schedule 689 Primary (GT 4,000 kW)						
Large Non-residential Standard Service (Direct Access)						
Monthly Basic Charge	36	bills	\$3,450.00	\$124,200	\$4,110.00	\$147,960
Transmission & Related Services Charge						
On-peak	978,608	kW		\$0		\$0
Off-peak	908	kW		\$0		\$0

PORTLAND GENERAL ELECTRIC
Cycle Billing Determinants & Base Revenues (Base Rates)

<u>Schedule</u>	<u>Billing Determinant</u>	<u>Units</u>	<u>Current</u>		<u>Proposed</u>	
			<u>Price</u>	<u>Revenues</u>	<u>Price</u>	<u>Revenues</u>
Distribution Facilities Charge						
First 1,000 kW	144,000	faccap	\$1.50	\$216,000	\$1.19	\$171,360
Over 4,000 kW	810,329	faccap	\$1.19	\$964,292	\$0.88	\$713,090
Distribution Demand Charge						
On-peak	978,608	kW	\$1.49	\$1,458,126	\$2.09	\$2,045,291
Off-peak	908	kW	\$0.00	\$0	\$0.00	\$0
System Usage Charge	515,071	MWh	0.18 mills	\$92,713	0.30 mills	\$154,521
Reactive Power Charge	114,871	kVar	\$0.50	\$57,436	\$0.50	\$57,436
Energy Charge (not applicable)				mills		mills
Schedule 131			(0.001) %			\$0
Schedule 139	257,535	MWh	6.02	\$1,551,393	0.00	\$0

The image shows a vertical table with a large number of rows and columns. The text is extremely small and difficult to read, but the structure appears to be a data table with multiple columns. The table is oriented vertically on the page, which is a common format for long lists or detailed data sets in technical documents. The content is dense and spans most of the page's height.

The image shows a vertical screenshot of a spreadsheet, likely from a software application. The spreadsheet is oriented vertically and contains numerous columns and rows of data. The columns are labeled with various identifiers, and the rows contain numerical and text data. A yellow highlight is visible on one of the rows, indicating a selected or active cell. The overall appearance is that of a detailed data table or ledger.

The image shows a small, rectangular table with a grid of cells. The text within the cells is too small to read, but the structure appears to be a standard data table with multiple columns and rows. The table is centered horizontally on the page.

PORTLAND GENERAL ELECTRIC
MARGINAL COSTS FOR DISTRIBUTION & CONSUMER SERVICES

Grouping	DISTRIBUTION SERVICES									
	Sub-transmission (\$ per kW)	Sub-station (\$ per kW)	Feeder Backbone By Consumer Type (\$ per kW)		Feeder Local Facilities By Consumer Type (\$ per kW)		Service & Trans. By Consumer Type (\$ per Cust)		Meters By Consumer Type (\$ per Consumer)	
			Single-Phase	Three-Phase	Single-Phase	Three-Phase	Single-Phase	Three-Phase	Single-Phase	Three-Phase
SCH 7 Residential	\$1.33	\$15.88	\$40.80	\$40.80	\$52.10	\$52.10	\$116.40	\$154.70	\$21.08	\$47.38
SCH 15 Outdoor Area Lighting										
Residential	\$1.33	\$15.88	\$43.89		\$52.03		\$3.28			
Commercial	\$1.33	\$15.88	\$43.89		\$52.03		\$3.28			
SCH 32 General Service <30 kW	\$1.33	\$15.88	\$50.12	\$50.12	\$78.67	\$21.01	\$232.99	\$317.24	\$43.59	\$61.01
SCH 38 Opt TOD G.S. > 30 kW	\$1.33	\$15.88	\$52.07	\$52.07	\$93.12	\$23.35	\$224.52	\$745.21	\$50.04	\$100.38
SCH 47 Irrig. & Drain. Pump.< 30 kW	\$1.33	\$15.88	\$50.12	\$50.12	\$73.97	\$19.75	\$34.20	\$50.84	\$50.54	\$70.05
SCH 49 Irrig. & Drain. Pump.> 30 kW	\$1.33	\$15.88	\$52.07	\$52.07	\$89.70	\$22.49	\$317.26	\$317.27	\$50.54	\$60.83
SCH 83										
Secondary	\$1.33	\$15.88	\$52.07	\$52.07	\$93.12	\$23.35	\$516.67	\$1,282.21	\$50.54	\$105.82
SCH 85										
Secondary	\$1.33	\$15.88		\$42.18		\$7.37		\$2,893.64		\$113.81
Primary	\$1.33	\$15.88		\$42.18		\$7.37				\$1,795.89
SCH 89										
Secondary	\$1.33	\$15.88		\$104,332.00						\$113.81
Primary	\$1.33	\$15.88		\$104,332.00						\$1,896.75
Subtransmission	\$1.33	N/A		\$93,301.00						\$17,623.44
SCH 90 Primary	\$1.33	\$15.88		\$491,171.00						\$1,896.75
SCH 91 & 95 Street & Highway Light	\$1.33	\$15.88	\$43.89		\$54.88		\$3.28			
SCH 92 Traffic Signals	\$1.33	\$15.88		\$43.89		\$19.25	\$6.33			

Consumer Service (Lights)	CONSUMER SERVICES							
	Metering		Billing		Other		Uncollectibles	
	By Consumer Type (\$ per Cons/Light)		By Consumer Type (\$ per Cons/Light)		By Consumer Type (\$ per Cons/Light)		By Consumer Type Percent	
	Single-Phase	Three-Phase	Single-Phase	Three-Phase	Single-Phase	Three-Phase	Single-Phase	Three-Phase
	\$0.25	\$0.25	\$22.59	\$22.59	\$37.16	\$37.16	88.83%	0.00%
\$1.53			\$1.79		\$0.83		0.16%	
\$1.53			\$1.38		\$0.83		0.20%	
	\$0.50	\$0.50	\$20.75	\$20.75	\$72.23	\$72.23	3.99%	2.77%
	\$1.99	\$1.99	\$20.41	\$20.41	\$453.23	\$453.23	0.00%	0.00%
	\$0.68	\$0.68	\$18.38	\$18.38	\$81.49	\$81.49	0.01%	0.06%
	\$0.77	\$0.77	\$24.96	\$24.96	\$422.68	\$422.68	0.00%	0.24%
	\$1.55	\$1.55	\$30.19	\$30.19	\$651.31	\$651.31	0.24%	2.87%
	\$2.80	\$2.80	\$36.47	\$36.47	\$2,380.21	\$2,380.21		0.56%
	\$2.80	\$2.80	\$36.47	\$36.47	\$2,380.21	\$2,380.21		0.08%
	N/A	\$0.15	N/A	\$18.65	N/A	\$17,382.70		0.00%
	N/A	\$0.15	N/A	\$18.65	N/A	\$17,382.70		0.00%
	N/A	\$0.15		\$18.65	N/A	\$17,382.70		0.00%
		\$0.15		\$20.14		\$80,922.59		0.00%
\$1.53			\$149.74		\$0.83		0.00%	
			\$142.95			\$0.83		0.00%

**PORTLAND GENERAL ELECTRIC
SUMMARY OF MARGINAL COST STUDY**

SCHEDULE	SUBTRANSMISSION COSTS	SUBSTATION COSTS	FEEDER BACKBONE COSTS	FEEDER TAPLINE COSTS	SERVICE & TRANSFORMER COSTS	METER COSTS	CUSTOMER COSTS
Schedule 7 Residential							
Single-phase	\$1.33	\$15.88	\$40.80	\$52.10	\$116.40	\$21.08	\$60.00
Three-phase	\$1.33	\$15.88	\$40.80	\$52.10	\$154.70	\$47.38	\$60.00
Schedule 15 Residential	\$1.33	\$15.88	\$43.89	\$52.03	\$3.28	N/A	\$2.62
Schedule 15 Commercial	\$1.33	\$15.88	\$43.89	\$52.03	\$3.28	N/A	\$2.21
Schedule 32 General Service							
Single-phase	\$1.33	\$15.88	\$50.12	\$78.67	\$232.99	\$43.59	\$93.48
Three-phase	\$1.33	\$15.88	\$50.12	\$21.01	\$317.24	\$61.01	\$93.48
Schedule 38 TOU							
Single-phase	\$1.33	\$15.88	\$52.07	\$93.12	\$224.52	\$50.04	\$475.63
Three-phase	\$1.33	\$15.88	\$52.07	\$23.35	\$745.21	\$100.38	\$475.63
Schedule 47 Irrigation							
Single-phase	\$1.33	\$15.88	\$50.12	\$73.97	\$34.20	\$50.54	\$100.55
Three-phase	\$1.33	\$15.88	\$50.12	\$19.75	\$50.84	\$70.05	\$100.55
Schedule 49 Irrigation							
Single-phase	\$1.33	\$15.88	\$52.07	\$89.70	\$317.26	\$50.54	\$448.41
Three-phase	\$1.33	\$15.88	\$52.07	\$22.49	\$317.27	\$60.83	\$448.41
Schedule 83 Secondary General Service							
Single-phase	\$1.33	\$15.88	\$52.07	\$93.12	\$516.67	\$50.54	\$683.05
Three-phase	\$1.33	\$15.88	\$52.07	\$23.35	\$1,282.21	\$105.82	\$683.05
Schedule 85 Secondary General Service	\$1.33	\$15.88	\$42.18	\$7.37	\$2,893.64	\$113.81	\$2,419.48
Schedule 85 Primary General Service	\$1.33	\$15.88	\$42.18	\$7.37	\$0.00	\$1,795.89	\$2,419.48
Schedule 89 Secondary	\$1.33	\$15.88	\$104,332	N/A	\$0.00	\$113.81	\$17,401.50
Schedule 89 Primary	\$1.33	\$15.88	\$104,332	N/A	\$0.00	\$1,896.75	\$17,401.50
Schedule 89 Subtransmission	\$1.33	N/A	\$93,301	N/A	N/A	\$17,623.44	\$17,401.50
Schedule 90 Primary	\$1.33	\$15.88	\$491,171.00	N/A	\$0.00	\$1,896.75	\$80,942.88
Schedules 91 & 95 Streetlighting	\$1.33	\$15.88	\$43.89	\$54.88	\$3.28	N/A	\$150.57
Schedules 92 Traffic Signals	\$1.33	\$15.88	\$43.89	\$19.25	\$6.33	N/A	\$143.78

**PORTLAND GENERAL ELECTRIC
ALLOCATION OF GENERATION REVENUE REQUIREMENT TO COS CUSTOMERS
2025**

Schedules	COS Calendar Energy	Marginal Energy Costs (\$000)	Marginal Energy Allocation	Marginal Capacity Costs (\$000)	Marginal Capacity Allocation	Marginal Energy & Capacity Costs (\$000)	Energy & Capacity Allocation Percent	Allocation of Load Following Adjs. (\$000)	Allocated Fixed Generation Costs (\$000)	Cycle Fixed Generation Costs (\$000)
Schedule 7	7,904,773	\$601,760	40.0%	\$471,702	51.58%	\$1,073,462	44.35%	\$6,372	\$347,312	\$346,381
Schedule 15	12,601	\$830	0.1%	\$419	0.05%	\$1,249	0.05%	\$0	\$397	\$397
Schedule 32	1,527,693	\$115,870	7.7%	\$66,578	7.28%	\$182,448	7.54%	\$1,227	\$59,174	\$59,185
Schedule 38	26,939	\$2,067	0.1%	\$1,065	0.12%	\$3,132	0.13%	\$22	\$1,017	\$1,017
Schedule 47	21,230	\$1,803	0.1%	\$1,225	0.13%	\$3,028	0.13%	\$19	\$981	\$968
Schedule 49	58,568	\$4,937	0.3%	\$3,241	0.35%	\$8,178	0.34%	\$52	\$2,650	\$2,661
Schedule 83	2,847,136	\$216,220	14.4%	\$118,943	13.01%	\$335,163	13.85%	\$2,290	\$108,740	\$108,702
Schedule 85	2,765,116	\$208,170	13.8%	\$101,145	11.06%	\$309,315	12.78%	\$2,204	\$100,445	\$100,252
Schedule 89/75	1,148,574	\$84,291	5.6%	\$35,849	3.92%	\$120,140	4.96%	\$3,000	\$41,157	\$41,009
Schedule 90	3,655,705.407	\$266,998	17.7%	\$112,977	12.36%	\$379,976	15.70%	(\$15,187)	\$105,497	\$105,063
Schedule 91/95	39,825	\$2,624	0.2%	\$1,199	0.13%	\$3,823	0.16%	\$0	\$1,214	\$1,214
Schedule 92	2,760	\$205	0.0%	\$83	0.01%	\$288	0.01%	\$0	\$92	\$92
TOTAL	20,010,920	\$1,505,775	100.0%	\$914,426	100.0%	\$2,420,201	100.00%	\$0	\$768,675	\$766,940
4-Hour Battery				\$229.70			TARGET		\$768,675	
Projected Peak Load				3,981						
Marginal Capacity Costs (\$000)				\$914,426						

Load Following/Integration Allocation

Schedule	Calendar MWh	Generation Allocation	Adjusted Allocation	Load follow Allocation	Load follow Price	Transfer Payment	Cycle MWh
Sch 7	7,904,773	40.0%	52.29%	\$6,372,301	0.81	\$6,372,301	7,883,579
Sch 15	12,601			\$0	0.00	\$0	12,601
Sch 32	1,527,693	7.7%	10.07%	\$1,227,001	0.80	\$1,227,001	1,527,980
Sch 38	26,939	0.1%	0.18%	\$21,891	0.81	\$21,891	26,943
Sch 47	21,230	0.1%	0.16%	\$19,094	0.90	\$19,094	20,962
Sch 49	58,568	0.3%	0.43%	\$52,276	0.89	\$52,276	58,816
Sch 83	2,847,136	14.4%	18.79%	\$2,289,647	0.80	\$2,289,647	2,846,128
Sch 85	2,765,116	13.8%	18.09%	\$2,204,401	0.80	\$2,204,401	2,759,785
Sch 89/75	1,148,574	5.6%		\$3,000,000	2.61	\$3,000,000	1,144,436
Schedule 90-P 30-250 Mwa	550,059			\$0	0.00	\$0	547,711
Schedule 90-P >250 Mwa	3,105,646			(\$15,186,611)	(4.89)	(\$15,186,611)	3,092,966
Sch 91/95	39,825			\$0	0.00	\$0	39,825
Sch 92	2,760			\$0	0.00	\$0	2,760
Totals	20,010,920	76.43%	100.00%	(\$0)		(\$0)	19,964,492

Load Following Allocation:

MWh	3,105,646
Price (mills/kWh)	4.8900
Allocation	\$15,186,611
Schedule 89 Allocation	\$3,000,000
Remaining Allocation	\$12,186,611

Load following price development

2.39
2.12 multiplier
1.21

Cycle Revenues
\$6,355,216
\$0
\$1,227,231
\$21,894
\$18,853
\$52,498
\$2,288,836
\$2,200,151
\$2,989,191
\$0
(\$15,124,602)
\$0
\$0
\$29,268

Fixed and NVPC Prices

Schedule	Calendar MWh	Generation Allocation	Generation Fixed	NVPC	Fixed mills/kWh	Fixed Revenues	NVPC mills/kWh	Fixed + NVPC mills/kWh	Calendar NVPC Revenues	Calendar Total Revenues	UE 416 Compliance			
											NVPC mills/kWh	NVPC Incr. mills/kWh	2025 Incremental NVPC Revenues	
Sch 7	7,904,773	44.35%	\$340,939,988	\$430,189,637	43.13	\$340,932,848	54.42	97.55	\$430,177,732	\$771,110,580	54.28	0.14	\$1,106,668	
Sch 15	12,601	0.05%	\$396,810	\$500,685	31.49	\$396,805	39.73	71.22	\$500,638	\$897,443	39.25	0.48	\$6,048	
Sch 32	1,527,693	7.54%	\$57,947,071	\$73,116,179	37.93	\$57,945,393	47.86	85.79	\$73,115,384	\$131,060,777	48.39	(0.53)	-\$809,677	
Sch 38	26,939	0.13%	\$994,691	\$1,255,077	36.92	\$994,591	46.59	83.51	\$1,255,093	\$2,249,684	46.68	(0.09)	-\$2,425	
Sch 47	21,230	0.13%	\$961,620	\$1,213,348	45.30	\$961,711	57.15	102.45	\$1,213,285	\$2,174,996	54.05	3.10	\$65,812	
Sch 49	58,568	0.34%	\$2,597,280	\$3,277,184	44.35	\$2,597,479	55.96	100.31	\$3,277,450	\$5,874,929	57.00	(1.04)	-\$60,910	
Sch 83	2,847,136	13.85%	\$106,450,403	\$134,316,483	37.39	\$106,454,430	47.18	84.57	\$134,327,895	\$240,782,325	47.50	(0.32)	-\$911,084	
Sch 85-S	2,043,363	9.47%	\$72,795,682	\$91,851,789	35.63	\$72,805,026	44.95	80.58	\$91,849,170	\$164,654,197	45.57	(0.62)	-\$1,266,885	
Sch 85-P	721,753	3.31%	\$25,445,247	\$32,106,182	35.25	\$25,441,790	44.48	79.73	\$32,103,569	\$57,545,359	45.10	(0.62)	-\$447,487	
Sch 89-S	0	0.00%	\$0	\$0	33.60	\$0	42.39	75.99	\$0	\$0	43.05	(0.66)	\$0	
Sch 89-P	1,109,869	4.80%	\$36,884,833	\$46,540,369	33.23	\$36,880,939	41.93	75.16	\$46,536,797	\$83,417,736	42.58	(0.65)	-\$721,415	
Sch 89-T/75-T	38,706	0.17%	\$1,272,443	\$1,605,537	32.87	\$1,272,251	41.48	74.35	\$1,605,506	\$2,877,757	42.12	(0.64)	-\$24,772	
Sch 90-P	3,655,705	15.70%	\$120,683,321	\$152,275,227	33.01	\$120,674,836	41.65	74.66	\$152,260,130	\$272,934,966	42.17	(0.52)	-\$1,900,967	
Sch 91/95	39,825	0.16%	\$1,214,073	\$1,531,887	30.49	\$1,214,264	38.47	68.96	\$1,532,068	\$2,746,332	39.88	(1.41)	-\$56,153	
Sch 92	2,760	0.01%	\$91,504	\$115,457	33.15	\$91,494	41.83	74.98	\$115,451	\$206,945	42.42	(0.59)	-\$1,628	
Totals	20,010,920	100.00%	\$768,674,964	\$969,895,043	38.41	\$768,663,858	48.47				\$ 974,895,041			-\$5,024,873

Category	Rev. Req.	Percent	Agg. Lighting	30.66
Fixed	\$768,675	44.21%		
Variable	\$969,895	55.79%		
Total	\$1,738,570	100.00%		

Busbar Loads

Sch 85-S	2,174,220
Sch 85-P	759,984
Sch 89-S	0
Sch 89-P	1,168,659
Sch 89-T	40,316
Totals	4,143,179

2024 Sch 122 Price (NVPC bene.) mills/kWh
5.35
3.92
4.65
4.40
4.31
4.29
4.04
4.34
3.91
3.98
3.94
4.13
3.78
3.92
4.18

**PORTLAND GENERAL ELECTRIC
ALLOCATION OF TRANSMISSION REVENUE REQUIREMENT**

Schedules	12 CP MW	Unit Marginal Cost	Marginal Cost	Transmission Allocation Percent	Class Revenue Requirement
Schedule 7	1,600.2	\$87.34	\$139,759	47.91%	\$66,702
Schedule 15	1.5	\$87.34	\$130	0.04%	\$62
Schedule 32	249.4	\$87.34	\$21,782	7.47%	\$10,396
Schedule 38	4.3	\$87.34	\$373	0.13%	\$178
Schedule 47	3.6	\$87.34	\$314	0.11%	\$150
Schedule 49	9.4	\$87.34	\$817	0.28%	\$390
Schedule 83	458.7	\$87.34	\$40,067	13.73%	\$19,123
Schedule 85	403.8	\$87.34	\$35,265	12.09%	\$16,831
Schedule 89	149.0	\$87.34	\$13,010	4.46%	\$6,209
Schedule 90-P	455.8	\$87.34	\$39,809	13.65%	\$18,999
Schedules 91/95	4.3	\$87.34	\$373	0.13%	\$178
Schedule 92	0.3	\$87.34	\$29	0.01%	\$14
Totals	3,340.1		\$291,728		
Target				100.00%	\$139,231
Unit Marginal Cost \$/kW		\$87.34			

**PORTLAND GENERAL ELECTRIC
ALLOCATION OF ANCILLARY SERVICE REVENUE REQUIREMENT
2025**

Schedules	Production Allocation Percent	Class Revenue Requirement
Schedule 7	44.35%	\$3,465
Schedule 15	0.05%	\$4
Schedule 32	7.54%	\$589
Schedule 38	0.13%	\$10
Schedule 47	0.13%	\$10
Schedule 49	0.34%	\$26
Schedule 83	13.85%	\$1,082
Schedule 85	12.78%	\$999
Schedule 89	4.96%	\$388
Schedule 90-P	15.70%	\$1,227
Schedules 91/95	0.16%	\$12
Schedule 92	0.01%	\$1
TOTAL	100.00%	\$7,813
	TARGET	\$7,813

ALLOCATION OF TRANSITION ADJUSTMENT

Schedules	Cycle Energy	Percent	Allocations (\$000)	mills/kWh
Schedule 7	7,883,579	35.1%	\$416	0.05
Schedule 15	12,601	0.1%	\$1	0.05
Schedule 32	1,527,980	6.8%	\$81	0.05
Schedule 38	26,943	0.1%	\$1	0.05
Schedule 47	20,962	0.1%	\$1	0.05
Schedule 49	58,816	0.3%	\$3	0.05
Schedule 83	2,846,128	12.7%	\$150	0.05
Schedule 85-S	2,479,356	11.0%	\$131	0.05
Schedule 89-S	0	0.0%	\$0	0.05
Schedule 85-P	997,664	4.4%	\$53	0.05
Schedule 89-P	2,663,295	11.9%	\$141	0.05
Schedule 89-T/75-T	243,324	1.1%	\$13	0.05
Schedule 90-P	3,640,677	16.2%	\$192	0.05
Schedules 91/95	39,825	0.2%	\$2	0.05
Schedule 92	2,760	0.0%	\$0	0.05
TOTAL	22,443,910	100.00%	\$1,185	0.05
		TARGET	\$1,185	

PORTLAND GENERAL ELECTRIC

2025 Projection of Schedule 485/489 Loads & Schedule 129 Revenues

Vintage	Schedules & Vintages	Meter MWa	Cycle Meter MWH	Demand kW	Schedule 129 Part A mills/kWh	Schedule 129 Part B \$/kW
2021	Schedule 485-S					
2021	Schedule 485-P	1.5	13,173		33.24	
2021	Schedule 489-S					
2021	Schedule 489-P					
2021	Schedule 489-T					
2021	Schedule 490					
2021	Schedule 491/492/495					
2022	Schedule 485-S					
2022	Schedule 485-P					
2022	Schedule 489-S					
2022	Schedule 489-P					
2022	Schedule 489-T					
2022	Schedule 490					
2022	Schedule 491/492/495					
2023	Schedule 485-S	0.5	4,351	11,778	(10.75)	5.17
2023	Schedule 485-P					
2023	Schedule 489-S					
2023	Schedule 489-P					
2023	Schedule 489-T					
2023	Schedule 490					
2023	Schedule 491/492/495					
2024	Schedule 485-S					
2024	Schedule 485-P					
2024	Schedule 489-S					
2024	Schedule 489-P	10.9	95,334		(\$17.17)	
2024	Schedule 489-T					
2024	Schedule 490					
2024	Schedule 491/492/495					
2025	Schedule 485-S					
2025	Schedule 485-P					
2025	Schedule 489-S					
2025	Schedule 489-P					
2025	Schedule 489-T					
2025	Schedule 490					
2025	Schedule 491/492/495					

Total 12.9 112,857 11,778

Schedules & Vintages	Meter MWa	Cycle Meter MWH	Schedule 139 mills/kWh
Schedule 689-S	0	0	7.48
Schedule 689-P V2019	0.0	0	7.40
Schedule 689-T	0.0	0	7.34
Total			

Schedule 485
Schedule 489
Schedule 490
Schedule 491/492/495
Schedule 689

Schedule 129 Transition Adjustments

Schedule 129 Revenues (\$000)	Vintage	Schedule	Fixed Gen Current	Sch 122 Current	Sch 146 Current
\$0	2021	Schedule 85-S Fixed Generation	28.22	0.00	3.45
\$438	2021	Schedule 85-P Fixed Generation	27.93	0.00	3.20
\$0	2021	Schedule 89-S Fixed Generation	26.66	0.00	3.26
\$0	2021	Schedule 89-P Fixed Generation	26.37	0.00	3.22
\$0	2021	Schedule 89-T Fixed Generation	26.08	0.00	3.28
\$0	2021	Schedule 90 Fixed Generation	26.11	0.00	3.06
\$0	2021	Schedule 91/92/95 Fixed Generat	24.69	0.00	2.95
\$0	2022	Schedule 85-S Fixed Generation	28.22	0.00	3.45
\$0	2022	Schedule 85-P Fixed Generation	27.93	0.00	3.20
\$0	2022	Schedule 89-S Fixed Generation	26.66	0.00	3.26
\$0	2022	Schedule 89-P Fixed Generation	26.37	0.00	3.22
\$0	2022	Schedule 89-T Fixed Generation	26.08	0.00	3.28
\$0	2022	Schedule 90 Fixed Generation	26.11	0.00	3.06
\$0	2022	Schedule 91/92/95 Fixed Generat	24.69	0.00	2.95
\$14	2023	Schedule 85-S Fixed Generation	28.22	0.00	3.45
\$0	2023	Schedule 85-P Fixed Generation	27.93	0.00	3.20
\$0	2023	Schedule 89-S Fixed Generation	26.66	0.00	3.26
\$0	2023	Schedule 89-P Fixed Generation	26.37	0.00	3.22
\$0	2023	Schedule 89-T Fixed Generation	26.08	0.00	3.28
\$0	2023	Schedule 90 Fixed Generation	26.11	0.00	3.06
\$0	2023	Schedule 91/92/95 Fixed Generat	24.69	0.00	2.95
\$0	2024	Schedule 85-S Fixed Generation	28.22	0.00	3.45
\$0	2024	Schedule 85-P Fixed Generation	27.93	0.00	3.20
\$0	2024	Schedule 89-S Fixed Generation	26.66	0.00	3.26
(\$1,637)	2024	Schedule 89-P Fixed Generation	26.37	0.00	3.22
\$0	2024	Schedule 89-T Fixed Generation	26.08	0.00	3.28
\$0	2024	Schedule 90 Fixed Generation	26.11	0.00	3.06
\$0	2024	Schedule 91/92/95 Fixed Generat	24.69	0.00	2.95
\$0	2025	Schedule 85-S Fixed Generation	28.22	0.00	3.45
\$0	2025	Schedule 85-P Fixed Generation	27.93	0.00	3.20
\$0	2025	Schedule 89-S Fixed Generation	26.66	0.00	3.26
\$0	2025	Schedule 89-P Fixed Generation	26.37	0.00	3.22
\$0	2025	Schedule 89-T Fixed Generation	26.08	0.00	3.28
\$0	2025	Schedule 90 Fixed Generation	26.11	0.00	3.06
\$0	2025	Schedule 91/92/95 Fixed Generat	24.69	0.00	2.95

(\$1,185)

**Schedule 139
Revenues (\$000)**

\$0
\$0
\$0
\$0

\$452
(\$1,637)
\$0
\$0
\$0

Sch 135 Current	Sch 138 Not included	Total Fixed Gen. Current	Fixed Gen. Proposed	Sch 122 Proposed	Sch 146 Proposed	Sch 135 Proposed	Sch 138 Proposed	Total Fixed Gen. Proposed
0.57	0.00	32.24	35.63	0.00	3.45	0.82	0.04	39.94
0.53	0.00	31.66	35.25	0.00	3.20	0.43	0.03	38.91
0.54	0.00	30.46	33.60	0.00	3.26	0.54	0.02	37.42
0.53	0.00	30.12	33.23	0.00	3.22	0.53	0.02	37.00
0.54	0.00	29.90	32.87	0.00	3.28	0.53	0.03	36.71
0.50	0.00	29.67	33.01	0.00	3.06	0.45	0.03	36.55
0.46	0.00	28.10	30.49	0.00	2.95	0.48	0.03	33.95
0.57	0.00	32.24	35.63	0.00	3.45	0.82	0.04	39.94
0.53	0.00	31.66	35.25	0.00	3.20	0.43	0.03	38.91
0.54	0.00	30.46	33.60	0.00	3.26	0.54	0.02	37.42
0.53	0.00	30.12	33.23	0.00	3.22	0.53	0.02	37.00
0.54	0.00	29.90	32.87	0.00	3.28	0.53	0.03	36.71
0.50	0.00	29.67	33.01	0.00	3.06	0.45	0.03	36.55
0.46	0.00	28.10	30.49	0.00	2.95	0.48	0.03	33.95
0.57	0.00	32.24	35.63	0.00	3.45	0.82	0.04	39.94
0.53	0.00	31.66	35.25	0.00	3.20	0.43	0.03	38.91
0.54	0.00	30.46	33.60	0.00	3.26	0.54	0.02	37.42
0.53	0.00	30.12	33.23	0.00	3.22	0.53	0.02	37.00
0.54	0.00	29.90	32.87	0.00	3.28	0.53	0.03	36.71
0.50	0.00	29.67	33.01	0.00	3.06	0.45	0.03	36.55
0.46	0.00	28.10	30.49	0.00	2.95	0.48	0.03	33.95
0.57	0.00	32.24	35.63	0.00	3.45	0.82	0.04	39.94
0.53	0.00	31.66	35.25	0.00	3.20	0.43	0.03	38.91
0.54	0.00	30.46	33.60	0.00	3.26	0.54	0.02	37.42
0.53	0.00	30.12	33.23	0.00	3.22	0.53	0.02	37.00
0.54	0.00	29.90	32.87	0.00	3.28	0.53	0.03	36.71
0.50	0.00	29.67	33.01	0.00	3.06	0.45	0.03	36.55
0.46	0.00	28.10	30.49	0.00	2.95	0.48	0.03	33.95

Sch 129 Part A				
Schedule 129 Increment	Current Schedule 129 5yr	Effective GRC 5yr	Sch 129 Part B	
7.70	26.19	33.89	0.00	
7.25	25.99	33.24	0.00	
6.96	23.28	30.24		
6.88	23.07	29.95		
6.81	23.55	30.36		
6.88	22.38	29.26		
5.85	21.79	27.64		
7.70	9.95	17.65	0.00	
7.25	9.70	16.95	0.00	
6.96	7.02	13.98		
6.88	7.12	14.00		
6.81	7.14	13.95		
6.88	6.58	13.46		
5.85	7.29	13.14		
7.70	(18.45)	(10.75)	5.17	
7.25	(16.77)	(9.52)	5.15	
6.96	(6.29)	0.67		
6.88	(6.51)	0.37		
6.81	(6.93)	(0.12)		
6.88	(7.34)	(0.46)		
5.85	(7.06)	(1.21)		
7.70	(46.69)	(38.99)	10.12	
7.25	(42.69)	(35.44)	10.01	
6.96	(24.31)	(17.35)		
6.88	(24.05)	(17.17)		
6.81	(25.39)	(18.58)		
6.88	(24.17)	(17.29)		
5.85	(21.01)	(15.16)		
7.70	0.00	N/A	\$9.86	
7.25	0.00	N/A	\$11.27	
6.96	0.00	N/A		
6.88	0.00	N/A		
6.81	0.00	N/A		
6.88	0.00	N/A		
5.85	0.00	N/A		

PORTLAND GENERAL ELECTRIC
ALLOCATION OF DISTRIBUTION REVENUE REQUIREMENT
2025

Grouping	Usages	Units & Basis	Marginal Unit Cost	Marginal Cost Revenues	Class Revenue Requirement
Schedule 7 Residential					
CUSTOMER	Meters				
	Single-Phase Customers	837,946 Customers	\$21.08	\$17,663.895	\$22,947.32
	Three-Phase Customers	0 Customers	\$47.38	\$0.000	\$0.00
	Transformer & Service				
	Single-Phase Customers	837,946 Customers	\$116.40	\$97,536.876	\$126,710.99
	Three-Phase Customers	0 Customers	\$154.70	\$0.000	\$0.00
FACILITIES	Feeder Backbone				
	Single-Phase Customers	2,029,948 kW, rateclass peak	\$40.80	\$82,821.878	\$107,594.61
	Three-Phase Customers	0 kW, rateclass peak	\$40.80	\$0.000	\$0.00
	Feeder Local Facilities				
	Single-Phase Customers	3,351,783 Design Demand	\$52.10	\$174,627.894	\$226,860.59
	Three-Phase Customers	0 Design Demand	\$52.10	\$0.000	\$0.00
DEMAND	Subtransmission	2,069,674 kW, rateclass peak	\$1.33	\$2,752.666	\$3,576.01
	Substation	2,029,948 kW, rateclass peak	\$15.88	\$32,235.574	\$41,877.51
SUBTOTAL				\$407,638.784	\$529,567.0262
Schedule 15 Residential Outdoor Area Lighting					
CUSTOMER	Customer Service	6,747 Lights	\$1.53	\$10.318	\$13
	Transformer & Service	6,747 Lights	\$3.28	\$22.130	\$29
FACILITIES	Feeder Backbone	397 kW, rateclass peak	\$43.89	\$17.424	\$23
	Feeder Local Facilities	397 Design Demand	\$52.03	\$20.656	\$27
DEMAND	Subtransmission	405 kW, rateclass peak	\$1.33	\$0.539	\$1
	Substation	397 kW, rateclass peak	\$15.88	\$6.304	\$8
FIXED	Luminaires & Poles				\$304
SUBTOTAL				\$77.371	\$404
Schedule 15 Commercial Outdoor Area Lighting					
CUSTOMER	Customer Service	14,336 Lights	\$1.53	\$21.923	\$28
	Transformer & Service	14,336 Lights	\$3.28	\$47.022	\$61
FACILITIES	Feeder Backbone	2,774 kW, rateclass peak	\$43.89	\$121.751	\$158
	Feeder Local Facilities	2,774 Design Demand	\$52.03	\$144.331	\$188
DEMAND	Subtransmission	2,828 kW, rateclass peak	\$1.33	\$3.761	\$5
	Substation	2,774 kW, rateclass peak	\$15.88	\$44.051	\$57
FIXED	Luminaires & Poles				\$2,119
SUBTOTAL				\$382.839	\$2,616
Schedule 15 Outdoor Area Lighting					
CUSTOMER	Customer Service				\$42
	Transformer & Service				\$90
FACILITIES	Feeder Backbone				\$181
	Feeder Local Facilities				\$214
DEMAND	Subtransmission				\$6
	Substation				\$65
FIXED	Luminaires & Poles				\$2,422
SUBTOTAL					\$3,020

PORTLAND GENERAL ELECTRIC
ALLOCATION OF DISTRIBUTION REVENUE REQUIREMENT
2025

Grouping	Usages	Units & Basis	Marginal Unit Cost	Marginal Cost Revenues	Class Revenue Requirement
Schedule 32 Small Non-residential General Service					
CUSTOMER	Meters				
	Single-Phase Customers	60,910 Customers	\$43.59	\$2,655.071	\$3,449
	Three-Phase Customers	35,907 Customers	\$61.01	\$2,190.686	\$2,846
	Transformer & Service				
	Single-Phase Customers	60,910 Customers	\$232.99	\$14,191.440	\$18,436
	Three-Phase Customers	35,907 Customers	\$317.24	\$11,391.137	\$14,798
FACILITIES	Feeder Backbone				
	Single-Phase Customers	130,321 kW, rateclass peak	\$50.12	\$6,531.686	\$8,485
	Three-Phase Customers	188,063 kW, rateclass peak	\$50.12	\$9,425.720	\$12,245
	Feeder Local Facilities				
	Single-Phase Customers	274,095 Design Demand	\$78.67	\$21,563.054	\$28,013
	Three-Phase Customers	398,568 Design Demand	\$21.01	\$8,373.914	\$10,879
DEMAND	Subtransmission	324,615 kW, rateclass peak	\$1.33	\$431.738	\$561
	Substation	318,384 kW, rateclass peak	\$15.88	\$5,055.938	\$6,568
SUBTOTAL				\$81,810.383	\$106,281
Schedule 38 General Service					
CUSTOMER	Meters				
	Single-Phase Customers	93 Customers	\$50.04	\$4.654	\$6
	Three-Phase Customers	289 Customers	\$100.38	\$29.010	\$38
	Transformer & Service				
	Single-Phase Customers	93 Customers	\$224.52	\$20.880	\$27
	Three-Phase Customers	289 Customers	\$745.21	\$215.366	\$280
FACILITIES	Feeder Backbone				
	Single-Phase Customers	713 kW, rateclass peak	\$52.07	\$37.135	\$48
	Three-Phase Customers	7,356 kW, rateclass peak	\$52.07	\$383.018	\$498
	Feeder Local Facilities				
	Single-Phase Customers	3,915 Design Demand	\$93.12	\$364.565	\$474
	Three-Phase Customers	29,362 Design Demand	\$23.35	\$685.603	\$891
DEMAND	Subtransmission	8,227 kW, rateclass peak	\$1.33	\$10.942	\$14
	Substation	8,069 kW, rateclass peak	\$15.88	\$128.136	\$166
SUBTOTAL				\$1,879.308	\$2,441
Schedule 47 Irrigation & Drainage Service - < 30 kW					
CUSTOMER	Meters				
	Single-Phase Customers	232 Customers	\$50.54	\$11.725	\$15
	Three-Phase Customers	2,395 Customers	\$70.05	\$167.770	\$218
	Transformer & Service				
	Single-Phase Customers	232 Customers	\$34.20	\$7.934	\$10
	Three-Phase Customers	2,395 Customers	\$50.84	\$121.762	\$158
FACILITIES	Feeder Backbone				
	Single-Phase Customers	735 kW, rateclass peak	\$50.12	\$36.861	\$48
	Three-Phase Customers	11,286 kW, rateclass peak	\$50.12	\$565.632	\$735
	Feeder Local Facilities				
	Single-Phase Customers	2,413 Design Demand	\$73.97	\$178.490	\$232
	Three-Phase Customers	37,602 Design Demand	\$19.75	\$742.640	\$965
DEMAND	Subtransmission	12,256 kW, rateclass peak	\$1.33	\$16.300	\$21
	Substation	12,021 kW, rateclass peak	\$15.88	\$190.893	\$248
SUBTOTAL				\$2,040.007	\$2,650

PORTLAND GENERAL ELECTRIC
ALLOCATION OF DISTRIBUTION REVENUE REQUIREMENT
2025

Grouping	Usages	Units & Basis	Marginal Unit Cost	Marginal Cost Revenues	Class Revenue Requirement
Schedule 49 Irrigation & Drainage Service - > 30 kW					
CUSTOMER	Meters				
	Single-Phase Customers	8 Customers	\$50.54	\$0.404	\$1
	Three-Phase Customers	1,361 Customers	\$60.83	\$82.790	\$108
	Transformer & Service				
	Single-Phase Customers	8 Customers	\$317.26	\$2.538	\$3
	Three-Phase Customers	1,361 Customers	\$317.27	\$431.804	\$561
FACILITIES	Feeder Backbone				
	Single-Phase Customers	204 kW, rateclass peak	\$52.07	\$10.615	\$14
	Three-Phase Customers	34,683 kW, rateclass peak	\$52.07	\$1,805.951	\$2,346
	Feeder Local Facilities				
	Single-Phase Customers	295 Design Demand	\$89.70	\$26.462	\$34
	Three-Phase Customers	75,808 Design Demand	\$22.49	\$1,704.922	\$2,215
DEMAND	Subtransmission	35,570 kW, rateclass peak	\$1.33	\$47.308	\$61
	Substation	34,887 kW, rateclass peak	\$15.88	\$554.006	\$720
SUBTOTAL				\$4,666.800	\$6,063
Schedule 83 General Service (31-200 kW)					
CUSTOMER	Meters				
	Single-Phase Customers	893 Customers	\$50.54	\$45.132	\$59
	Three-Phase Customers	10,904 Customers	\$105.82	\$1,153.861	\$1,499
	Transformer & Service				
	Single-Phase Customers	893 Customers	\$516.67	\$461.386	\$599
	Three-Phase Customers	10,904 Customers	\$1,282.21	\$13,981.218	\$18,163
FACILITIES	Feeder Backbone				
	Single-Phase Customers	28,513 kW, rateclass peak	\$52.07	\$1,484.687	\$1,929
	Three-Phase Customers	563,939 kW, rateclass peak	\$52.07	\$29,364.289	\$38,147
	Feeder Local Facilities				
	Single-Phase Customers	48,936 Design Demand	\$93.12	\$4,556.920	\$5,920
	Three-Phase Customers	968,275 Design Demand	\$23.35	\$22,609.221	\$29,372
DEMAND	Subtransmission	604,046 kW, rateclass peak	\$1.33	\$803.381	\$1,044
	Substation	592,452 kW, rateclass peak	\$15.88	\$9,408.138	\$12,222
SUBTOTAL				\$83,868.234	\$108,954
Schedule 85 General Service (201-4,000 kW)					
CUSTOMER	Meters				
	Secondary Customers	1,474 Customers	\$113.81	\$167.699	\$218
	Primary Customers	224 Customers	\$1,795.89	\$402.279	\$523
	Transformer & Service				
	Secondary Customers	1,474 Customers	\$2,893.64	\$4,263.779	\$5,539
	Primary Customers	224 Customers	\$0.00	\$0.000	\$0
FACILITIES	Feeder Backbone	611,581 kW, rateclass peak	\$42.18	\$25,796.487	\$33,512
	Feeder Local Facilities	938,718 Design Demand	\$7.37	\$6,918.352	\$8,988
DEMAND	Subtransmission	623,550 kW, rateclass peak	\$1.33	\$829.322	\$1,077
	Substation	611,581 kW, rateclass peak	\$15.88	\$9,711.906	\$12,617
SUBTOTAL				\$48,089.823	\$62,474

**PORTLAND GENERAL ELECTRIC
ALLOCATION OF DISTRIBUTION REVENUE REQUIREMENT
2025**

Grouping	Usages	Units & Basis	Marginal Unit Cost	Marginal Cost Revenues	Class Revenue Requirement	
Schedule 89 General Service (4,000 plus kW)						
CUSTOMER	Meters					
	Secondary Meters	0 Customers	\$113.81	\$0.000	\$0	
	Primary Meters	46 Customers	\$1,896.75	\$86.776	\$113	
	Substation Meters	6 Customers	\$17,623.44	\$105.741	\$137	
	Transformer & Service					
	Secondary Customers	0 Customers	\$0.00	\$0.000	\$0	
	Primary Customers	46 Customers	\$0.00	\$0.000	\$0	
FACILITIES	Feeder Backbone					
	Secondary Customers	0 Customers	\$104,332.00	\$0.000	\$0	
	Primary Customers	46 Customers	\$104,332.00	\$4,773.189	\$6,201	
	Subtransmission 115 kV Fee	6 Customers	\$93,301.00	\$559.806	\$727	
DEMAND	Subtransmission	442,825 kW, rateclass peak	\$1.33	\$588.957	\$765	\$407,333
	Substation (Sec. & Prim. Only)	398,323 kW, rateclass peak	\$15.88	\$6,325.369	\$8,217	\$364,932
SUBTOTAL				\$12,439.838	\$16,161	
Schedule 90 Primary Voltage Service						
CUSTOMER	Meters					
	Primary Meters	8 Customers	\$1,896.75	\$15.174	\$20	
FACILITIES	Feeder Backbone					
	Primary Customers	8 Customers	\$491,171.00	\$3,929.368	\$5,105	
DEMAND	Subtransmission	509,291 kW, rateclass peak	\$1.33	\$677.357	\$880	
	Substation (Sec. & Prim. Only)	499,516 kW, rateclass peak	\$15.88	\$7,932.314	\$10,305	
SUBTOTAL				\$12,554.213	\$16,309	
Schedules 91 & 95 Streetlighting & Highway Lighting						
CUSTOMER	Customer Service	151,172 Lights	\$1.53	\$231.177	\$300	
	Transformer & Service	151,172 Lights	\$3.28	\$495.844	\$644	
FACILITIES	Feeder Backbone	10,022 kW, rateclass peak	\$43.89	\$439.866	\$571	
	Feeder Local Facilities	10,022 Design Demand	\$54.88	\$550.007	\$715	
DEMAND	Subtransmission	10,218 kW, rateclass peak	\$1.33	\$13.590	\$18	
	Substation	10,022 kW, rateclass peak	\$15.88	\$159.149	\$207	
FIXED	Luminaires & Poles				\$8,311	
SUBTOTAL				\$1,889.634	\$10,766	

PORTLAND GENERAL ELECTRIC
 ALLOCATION OF DISTRIBUTION REVENUE REQUIREMENT
 2025

Grouping	Usages	Units & Basis	Marginal Unit Cost	Marginal Cost Revenues	Class Revenue Requirement
Schedule 92 Traffic Signals					
CUSTOMER	Transformer & Service	1,248 Intersections	\$6.33	\$7,900	\$10
FACILITIES	Feeder Backbone	322 kW, rateclass peak	\$43.89	\$14,133	\$18
	Feeder Local Facilities	322 Design Demand	\$19.25	\$6,199	\$8
DEMAND	Subtransmission	328 kW, rateclass peak	\$1.33	\$0,436	\$1
	Substation	322 kW, rateclass peak	\$15.88	\$5,113	\$7
SUBTOTAL				\$33,781	\$44
Summary					
CUSTOMER	Meters	952,695 Customers		\$24,783	\$32,195
	Transformer & Service	Customers		\$143,199	\$186,031
	Customer Service	172,255 Lights		\$263	\$342
FACILITIES	Feeder Backbone	3,620,857 kW, rateclass peak		\$168,119	\$218,405
	Feeder Local Facilities	6,143,285 Design Demand		\$243,073	\$315,779
DEMAND	Subtransmission	4,643,833 kW, rateclass peak		\$6,176	\$8,024
	Substation	4,518,696 kW rateclass peak		\$71,757	\$93,220
FIXED	Luminaires & Poles				\$10,733
TOTALS				\$657,371	\$864,730
				TARGET	\$864,730
				EQUAL PERCENT	129.9%

\$541,753	\$542,023	\$711,031
56,393.38	\$56,393.00	74,014.00
485,359.56	\$485,630.00	637,017.00

**PORTLAND GENERAL ELECTRIC
ALLOCATION OF TROJAN DECOMMISSIONING COSTS
2025**

Schedules	Cycle Generation Revenues (000s)	Allocation Percent	Class Revenue Requirement
Schedule 7	\$775,417	44.41%	\$840
Schedule 15	\$897	0.05%	\$0.972
Schedule 32	\$132,315	7.58%	\$143
Schedule 38	\$2,272	0.13%	\$2
Schedule 47	\$2,166	0.12%	\$2
Schedule 49	\$5,952	0.34%	\$6
Schedule 83	\$157,931	9.05%	\$171
Schedule 85-S	\$130,788	7.49%	\$142
Schedule 89-S	\$0	0.00%	\$0
Schedule 85-P	\$52,628	3.01%	\$57
Schedule 89-P	\$207,075	11.86%	\$224
Schedule 89-T	\$18,919	1.08%	\$20
Schedule 90-P	\$256,712	14.70%	\$278
Schedule 91/95	\$2,746	0.16%	\$3
Schedule 92	\$207	0.01%	\$0
TOTAL	\$1,746,025		\$1,891
		TARGET	\$1,891

PORTLAND GENERAL ELECTRIC
ALLOCATION OF FRANCHISE FEES
2025

Schedules	Distribution Allocations	Transmission Allocations	Generation Allocations	Schedule 129/139 Allocations	Subtotal Allocations	Distribution Fran. Fee Allocations	Transmission Fran. Fee Allocations	Generation Fran. Fee Allocations	Schedule 129/139 Fran. Fee Allocations	Total Fran. Fee Allocations
Schedule 7	\$669,009	\$70,167	\$75,417		\$1,514,593	\$17,637	\$1,850	\$20,443		\$39,930
Schedule 15	\$3,118	\$66	\$897		\$4,081	\$82	\$2	\$24		\$108
Schedule 32	\$130,959	\$10,985	\$132,315		\$274,258	\$3,453	\$290	\$3,488		\$7,230
Schedule 38	\$2,934	\$188	\$2,272		\$5,394	\$77	\$5	\$60		\$142
Schedule 47	\$3,359	\$160	\$2,166		\$5,685	\$89	\$4	\$57		\$150
Schedule 49	\$7,741	\$416	\$5,952		\$14,109	\$204	\$11	\$157		\$372
Schedule 83	\$131,130	\$20,205	\$242,970		\$394,305	\$3,457	\$533	\$6,406		\$10,395
Schedule 85	\$73,801	\$17,829	\$223,971	\$452	\$316,053	\$1,946	\$470	\$5,905	(\$9)	\$8,311
Schedule 89	\$19,193	\$7,740	\$88,981	(\$1,637)	\$114,278	\$506	\$204	\$2,346	(\$22)	\$3,034
Schedule 90	\$17,965	\$19,083	\$256,712		\$293,760	\$474	\$503	\$6,768		\$7,745
Schedules 91/95	\$10,836	\$190	\$2,746		\$13,773	\$286	\$5	\$72		\$363
Schedule 92	\$44	\$15	\$207		\$266	\$1	\$0	\$5		\$7
TOTALS	\$1,070,088	\$147,044	\$1,734,608	(\$1,185)	\$2,950,554	\$28,211	\$3,877	\$45,730	(\$31)	\$77,787

Franchise Fee Revenue Requirement \$77,787

Schedules	Distribution MWh	Distribution mills/kWh	Transmission MWh	Transmission mills/kWh	Generation MWh	Generation mills/kWh	Schedule 129/139 MWh	Schedule 129/139 mills/kWh	Total COS mills/kWh	Total DA mills/kWh	Difference COS/DA mills/kWh
Schedule 7	7,883,579	2.2372	7,883,579	0.2346	7,883,579	2.5931	0.0		5.065		
Schedule 15	12,601	6.52	12,601	0.14	12,601	1.88	0		8.54	6.52	2.02
Schedule 32	1,527,980	2.26	1,527,980	0.19	1,527,980	2.28	0		4.73	2.26	2.47
Schedule 38	26,943	2.87	26,943	0.18	26,943	2.22	0		5.28	2.87	2.41
Schedule 47	20,962	4.22	20,962	0.20	20,962	2.72	0		7.15		
Schedule 49	58,816	3.47	58,816	0.19	58,816	2.67	0		6.32	3.47	2.85
Schedule 83	2,846,128	1.21	2,846,128	0.19	2,846,128	2.25	0		3.65	1.21	2.44
Schedule 85-S	2,479,356	0.56	2,041,005	0.17	2,041,005	2.15	438,351	(0.01)	2.88	0.5488	2.33
Schedule 89-S	0	0.18	0	0.18	0	2.07	0		2.43	0.16	2.27
Schedule 85-P	997,664	0.56	718,780	0.17	718,780	2.12	278,884	(0.01)	2.85	0.54	2.30
Schedule 89-P	2,663,295	0.17	1,105,823	0.18	1,105,823	2.05	1,557,472	(0.01)	2.40	0.16	2.24
Schedule 89-T/75-T	243,324	0.17	38,613	0.18	38,613	2.03	204,711	(0.01)	2.38	0.16	2.22
Schedule 90-P	3,640,677	0.13	3,640,677	0.14	3,640,677	1.86			2.13	0.13	2.00
Schedule 90-T	0	0.13	0	0.14	0	1.86			2.13	0.13	2.00
Schedule 91/95	39,825	7.17	39,825	0.13	39,825	1.82	0		9.12	7.17	1.94
Schedule 92	2,760	0.42	2,760	0.14	2,760	1.98	0		2.54	0.42	2.12
TOTALS	22,443,910		19,964,492		19,964,492		2,479,418				

Voltage Differentials

Sch 85 Secondary/PrimaryDelta	1.107%	0.01	0.00	0.02
Secondary/PrimaryDelta	1.107%	0.00	0.00	0.02
Secondary/Subtransmission Delta	2.243%	0.00	0.00	0.05
Prim/Subtransmission Delta	1.136%	0.00		

Revenues

Schedules	MWh	Fran. Fee mills/kWh	Fran. Fee Revenues
Schedule 7	7,883,579	5.06	\$39,929.8
Schedule 15	12,601	8.54	\$107.6
Schedule 32	1,527,980	4.73	\$7,230.4
Schedule 38	26,943	5.28	\$142.2
Schedule 47	20,962	7.15	\$149.9
Schedule 49	58,816	6.32	\$372.0
Schedule 83	2,846,128	3.65	\$10,395.2
Schedule 85-S	2,041,005	2.88	\$5,873.7
Schedule 485-S	438,351	0.55	\$240.5
Schedule 89-S	0	2.43	\$0.0
Schedule 489-S	0	0.16	\$0.0
Schedule 85-P	718,780	2.85	\$2,045.7
Schedule 485-P	278,884	0.54	\$151.3
Schedule 89-P	1,105,823	2.40	\$2,657.5
Schedule 489-P	1,557,472	0.16	\$251.76
Schedule 89-T/75-T	38,613	2.38	\$91.7
Schedule 489-T	204,711	0.16	\$32.7
Schedule 90-P	3,640,677	2.13	\$7,744.5
Schedule 90-T	0	2.13	\$0.0
Schedule 91/95	39,825	9.12	\$363.1
Schedule 92	2,760	2.54	\$7,012
TOTALS	22,443,910		\$77,786.61

**PORTLAND GENERAL ELECTRIC
ALLOCATION OF METERING REVENUE REQUIREMENT
2025**

Grouping	Customers	Marginal Unit Cost \$ per Customer	Marginal Cost Revenues	Class Revenue Requirement
Schedule 7				
Single Phase	837,946	\$0.25	\$209.486	\$1,793
Three Phase	0	\$0.25	\$0.000	\$0
Schedule 15				
Residential	4,044	\$0.00	\$0.000	\$0
Commercial	5,210	\$0.00	\$0.000	\$0
Schedule 32				
Single Phase	60,910	\$0.50	\$30.455	\$261
Three Phase	35,907	\$0.50	\$17.954	\$154
Schedule 38				
Single Phase	93	\$1.99	\$0.185	\$2
Three Phase	289	\$1.99	\$0.575	\$5
Schedule 47				
Single Phase	232	\$0.68	\$0.158	\$1
Three Phase	2,395	\$0.68	\$1.629	\$14
Schedule 49				
Single Phase	8	\$0.77	\$0.006	\$0
Three Phase	1,361	\$0.77	\$1.048	\$9
Schedule 83				
Single Phase	893	\$1.55	\$1.384	\$12
Three Phase	10,904	\$1.55	\$16.901	\$145
Schedule 85				
Secondary	1,474	\$2.80	\$4.126	\$35
Primary	224	\$2.80	\$0.627	\$5
Schedule 89				
Secondary	0	\$0.15	\$0.000	\$0
Primary	46	\$0.15	\$0.007	\$0
Subtransmission	6	\$0.15	\$0.001	\$0
Schedule 90-P				
	2	\$0.15	\$0.000	\$0
Schedules 91/95				
	201	\$0.00	\$0.000	\$0
Schedule 92				
	0	\$0.00	\$0.000	\$0
TOTAL	962,144		\$284.542	\$2,436.074
			TARGET	\$2,436
		EQUAL PERCENT		856.14%

**PORTLAND GENERAL ELECTRIC
ALLOCATION OF BILLING REVENUE REQUIREMENT
2025**

Grouping	Customers	Marginal Unit Cost \$ per Customer	Marginal Cost Revenues	Class Revenue Requirement
Schedule 7				
Single Phase	837,946	\$22.59	\$18,929	\$42,244
Three Phase	0	\$22.59	\$0	\$0
Schedule 15				
Residential	4,044	\$1.79	\$7	\$16
Commercial	5,210	\$1.38	\$7	\$16
Schedule 32				
Single Phase	60,910	\$20.75	\$1,264	\$2,821
Three Phase	35,907	\$20.75	\$745	\$1,663
Schedule 38				
Single Phase	93	\$20.41	\$2	\$4
Three Phase	289	\$20.41	\$6	\$13
Schedule 47				
Single Phase	232	\$18.38	\$4	\$10
Three Phase	2,395	\$18.38	\$44	\$98
Schedule 49				
Single Phase	8	\$24.96	\$0	\$0
Three Phase	1,361	\$24.96	\$34	\$76
Schedule 83				
Single Phase	893	\$30.19	\$27	\$60
Three Phase	10,904	\$30.19	\$329	\$735
Schedule 85				
Secondary	1,474	\$36.47	\$54	\$120
Primary	224	\$36.47	\$8	\$18
Schedule 89				
Secondary	0	\$18.65	\$0	\$0
Primary	46	\$18.65	\$1	\$2
Subtransmission	6	\$18.65	\$0	\$0
Schedule 90-P				
	2	\$20.14	\$0	\$0
Schedules 91/95				
	201	\$149.74	\$30	\$67
Schedule 92				
	0	\$142.95	\$0	\$0
TOTAL	962,144		\$21,492	\$47,964
			TARGET	\$47,964
		EQUAL PERCENT		223%

**PORTLAND GENERAL ELECTRIC
ALLOCATION OF CONSUMER REVENUE REQUIREMENT
2025**

Grouping	Customers	Marginal Unit Cost \$ per Customer	Marginal Cost Revenues	Class Revenue Requirement
Schedule 7				
Single Phase	837,946	\$37.16	\$31,138	\$83,789
Three Phase	0	\$37.16	\$0	\$0
Schedule 15				
Residential	4,044	\$0.83	\$3	\$9
Commercial	5,210	\$0.83	\$4	\$12
Schedule 32				
Single Phase	60,910	\$72.23	\$4,400	\$11,839
Three Phase	35,907	\$72.23	\$2,594	\$6,979
Schedule 38				
Single Phase	93	\$453.23	\$42	\$113
Three Phase	289	\$453.23	\$131	\$352
Schedule 47				
Single Phase	232	\$81.49	\$19	\$51
Three Phase	2,395	\$81.49	\$195	\$525
Schedule 49				
Single Phase	8	\$422.68	\$3	\$9
Three Phase	1,361	\$422.68	\$575	\$1,548
Schedule 83				
Single Phase	893	\$651.31	\$582	\$1,565
Three Phase	10,904	\$651.31	\$7,102	\$19,110
Schedule 85				
Secondary	1,474	\$2,380.21	\$3,507	\$9,438
Primary	224	\$2,380.21	\$533	\$1,435
Schedule 89				
Secondary	0	\$17,382.70	\$0	\$0
Primary	46	\$17,382.70	\$795	\$2,140
Subtransmission	6	\$17,382.70	\$104	\$281
Schedule 90-P				
	8	\$80,922.59	\$647	\$1,742
Schedule 91/95				
	201	\$0.83	\$0	\$0
Schedule 92				
	16	\$0.83	\$0	\$0
TOTAL	962,166		\$52,375.723	\$140,937.519
		TARGET		\$140,937.519
		EQUAL PERCENT		\$2.691

**PORTLAND GENERAL ELECTRIC
ALLOCATION OF UNCOLLECTIBLES
2025**

Grouping	Marginal Cost Allocation Percent	Class Revenue Requirement
Schedule 7		
Single Phase	88.83%	\$10,775
Three Phase	0.00%	\$0
Schedule 15		
Residential	0.16%	\$19
Commercial	0.20%	\$25
Schedule 32		
Single Phase	3.99%	\$484
Three Phase	2.77%	\$336
Schedule 38		
Single Phase	0.00%	\$0
Three Phase	0.00%	\$0
Schedule 47		
Single Phase	0.01%	\$1
Three Phase	0.06%	\$7
Schedule 49		
Single Phase	0.00%	\$0
Three Phase	0.24%	\$29
Schedule 83		
Single Phase	0.24%	\$29
Three Phase	2.87%	\$349
Schedule 85		
Secondary	0.56%	\$67
Primary	0.08%	\$10
Schedule 89		
Secondary	0.00%	\$0
Primary	0.00%	\$0
Subtransmission	0.00%	\$0
Schedule 90-P		
	0.00%	\$0
Schedules 91/95		
	0.00%	\$0
Schedule 92		
	0.00%	\$0
TOTAL	100.00%	\$12,130
	TARGET	\$12,130

Source: 2019-2019 Write-Offs

PORTLAND GENERAL ELECTRIC
Suballocation of Schedule 89/90 Costs Based on Billing Demand

Initial Cost Allocations

Cost Category	Sch 89	Sch 90	Totals
Transmission	\$6,209	\$18,999	\$25,209
Ancillary	\$388	\$1,227	\$1,614
Subtransmission	\$765	\$880	\$1,645
Substations	<u>\$8,217</u>	<u>\$10,305</u>	<u>\$18,522</u>
Totals	\$15,580	\$31,411	\$46,991

Billing Demand

Cost Category	Sch 89	Sch 90	Totals
Transmission	2,222,452	5,479,269	7,701,721
Ancillary	2,222,452	5,479,269	7,701,721
Subtransmission	5,246,258	5,479,269	10,725,528
Substations	4,689,945	5,479,269	10,169,214

Reallocation of Costs

Cost Category	Sch 89	Sch 90	Totals
Transmission	\$7,274	\$17,934	\$25,209
Ancillary	\$466	\$1,149	\$1,614
Subtransmission	\$805	\$840	\$1,645
Substations	<u>\$8,542</u>	<u>\$9,980</u>	<u>\$18,522</u>
Totals	\$17,087	\$29,903	\$46,991

PORTLAND GENERAL ELECTRIC
RATE DESIGN INPUT
SUMMARY - ALLOCATION OF 2025 COSTS TO RATE SCHEDULES (\$000)

Grouping	Net Variable Power Costs	Energy-Based Charges					Trans. & Related Charges			Distribution Demand & Facilities Charges				
		Power Supply	Franchise Fees	Trojan	Sch 129	Subtotal	Transmission	Ancillary Services	Subtotal	Substation	Subtrans.	Feeder Backbone	Feeder Facilities	Subtotal
Schedule 7	\$429,036	\$346,381	\$39,930	\$840	\$416	\$41,186	\$66,702	\$3,465	\$70,167	\$41,878	\$3,576	\$107,595	\$226,861	\$379,909
Schedule 15	\$501	\$397	\$108	\$1	\$1	\$109	\$62	\$4	\$66	\$65	\$6	\$181	\$214	\$466
Schedule 32	\$73,130	\$59,185	\$7,230	\$143	\$81	\$7,454	\$10,396	\$589	\$10,985	\$6,568	\$561	\$20,730	\$38,891	\$66,751
Schedule 38	\$1,255	\$1,017	\$142	\$2	\$1	\$146	\$178	\$10	\$188	\$166	\$14	\$546	\$1,364	\$2,091
Schedule 47	\$1,198	\$968	\$150	\$2	\$1	\$153	\$150	\$10	\$160	\$248	\$21	\$783	\$1,197	\$2,249
Schedule 49	\$3,291	\$2,661	\$372	\$6	\$3	\$382	\$390	\$26	\$416	\$720	\$61	\$2,360	\$2,249	\$5,390
Schedule 83 Secondary	\$134,269	\$108,702	\$10,395	\$171	\$150	\$10,717	\$19,123	\$1,082	\$20,205	\$12,222	\$1,044	\$40,076	\$35,292	\$88,634
Schedule 85 Secondary Primary Class Total	\$123,719	\$100,252	\$6,114 \$2,197	\$142 \$57	\$131 \$53	\$6,387 \$2,307	\$16,831	\$999	\$17,829	\$12,617	\$1,077	\$33,512	\$8,988	\$56,194
Schedule 89 Secondary Primary Subtransmission Class Total	\$47,972	\$41,009	\$0 \$2,909 \$124	\$0 \$224 \$20	\$0 \$141 \$13	\$0 \$3,274 \$158	\$7,274	\$466	\$7,740	\$8,542	\$805	\$0 \$6,201 \$727	\$0 \$6,201 \$727	\$0 \$6,201 \$727 \$9,347
Schedule 90-P	\$151,649	\$105,063	\$7,745	\$278	\$192	\$8,215	\$17,934	\$1,149	\$19,083	\$9,980	\$840	\$5,105		\$15,925
Schedules 91 & 95	\$1,532	\$1,214	\$363	\$3	\$2	\$368	\$178	\$12	\$190	\$207	\$18	\$571	\$715	\$1,510
Schedules 92	\$115	\$92	\$7	\$0	\$0	\$7	\$14	\$1	\$15	\$7	\$1	\$18	\$8	\$34
Totals	\$967,668	\$766,940	\$77,787	\$1,891	\$1,185	\$80,863	\$139,231	\$7,813	\$147,044	\$93,220	\$8,024	\$218,405	\$315,779	\$635,428

PORTLAND GENERAL ELECTRIC
RATE DESIGN INPUTS (CONTINUED)
SUMMARY - ALLOCATION OF 2025 COSTS TO RATE SCHEDULES (\$000)

Grouping	Dist. Customer-Related TSM		Uncollectibles		Metering		Billing		Other Consumer		Subtotal		Fixed Costs	Subtotal	Total Cost Allocations
	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase			
Schedule 7	\$149,658.305	\$0.000	\$10,775.051	\$0.000	\$1,793.494	\$0.000	\$42,244.290	\$0.000	\$83,789.222	\$0.000	\$288,260.361	\$0.000		\$288,260	\$1,554,939
Schedule 15	\$131.721		\$43.372		\$0.000		\$32.200		\$20.668		\$227.962	\$0.000	\$2,422.442	\$2,650	\$4,189
Schedule 32	\$21,885.446	\$17,644.262	\$483.682	\$335.536	\$260.737	\$153.707	\$2,820.611	\$1,662.774	\$11,838.683	\$6,979.002	\$37,289.160	\$26,775.281		\$64,064	\$281,569
Schedule 38	\$33.172	\$317.470	\$0.015	\$0.079	\$1.584	\$4.924	\$4.236	\$13.164	\$113.422	\$352.463	\$152.429	\$688.100		\$841	\$5,538
Schedule 47	\$25.540	\$376.133	\$0.717	\$6.874	\$1.351	\$13.943	\$9.516	\$98.240	\$50.873	\$525.178	\$87.997	\$1,020.367		\$1,108	\$5,836
Schedule 49	\$3.822	\$668.514	\$0.000	\$29.130	\$0.053	\$8.972	\$0.446	\$75.812	\$9.099	\$1,547.984	\$13.420	\$2,330.412		\$2,344	\$14,484
Schedule 83 Secondary	\$658.023	\$19,662.111	\$29.029	\$348.713	\$11.850	\$144.698	\$60.166	\$734.657	\$1,565.077	\$19,110.418	\$2,324.145	\$40,000.597		\$42,325	\$404,850
Schedule 85 Secondary		\$5,756.970		\$67.353		\$35.323		\$119.928		\$9,437.610	\$0.000	\$15,417.184		\$15,417	\$21,804
Primary		\$522.605		\$10.158		\$5.370		\$18.231		\$1,434.696	\$0.000	\$1,991.060		\$1,991	\$4,298
															\$297,994
Schedule 89 Secondary		\$0.000		\$0.000		\$0.000		\$0.000		\$0.000	\$0.000	\$0.000		\$0	
Primary		\$112.732		\$0.000		\$0.059		\$1.904		\$2,139.956	\$0.000	\$2,254.651		\$2,255	\$11,730
Subtransmission		\$137.369		\$0.000		\$0.008		\$0.250		\$280.650	\$0.000	\$418.276		\$418	\$1,303
															\$106,069
Schedule 90-P		\$19.713		\$0.000		\$0.003		\$0.090		\$1,742.033	\$0.000	\$1,761.838		\$1,762	\$301,697
Schedules 91 & 95	\$944.480			\$0.073		\$0.000	\$67.169		\$0.449		\$1,012.098	\$0.073	\$8,310.931	\$9,323	\$14,138
Schedule 92		\$10.263		\$0.000		\$0.000		\$0.000		\$0.036	\$0.000	\$10.298		\$10	\$273
Totals	\$173,340.508	\$45,228.140	\$11,331.867	\$797.917	\$2,069.070	\$367.005	\$45,238.634	\$2,725.050	\$97,387.494	\$43,550.025	\$329,367.572	\$92,668.137	\$10,733.373	\$432,769	\$3,030,711

Reconcile to Ratespread

(\$0)

PORTLAND GENERAL ELECTRIC
RATE DESIGN
2025

Schedule	Allocated Inputs (\$000)	Billing Determinants		Rate		o
		Amount	Unit	Rate	Unit	
SCHEDULE 7						
Residential						
Allocations						
Functional Costs						
Basic Charge						
Single-Phase	\$288,260	837,946	Customers	\$28.67	per cust. per mo.	
Three-Phase	\$0	0	Customers	\$0.00	per cust. per mo.	
Trans. & Rel. Serv. Charge	\$70,167	7,883,579	MWh	8.90	mills/kWh	
Distribution Charge	\$379,909	7,883,579	MWh	48.19	mills/kWh	
Franchise Fees & Other	\$41,186	7,883,579	MWh	5.22	mills/kWh	
Energy Charge	\$346,381	7,883,579	MWh	43.94	mills/kWh	
NVPC Charge	<u>\$429,036</u>	7,883,579	MWh	54.42	mills/kWh	
Subtotal	\$1,554,939					
Pricing						
Functional Costs						
Basic Charge						
Single-Phase-SFH		589,758		\$15.00		
Single-Phase-MFH		248,187		\$12.00		
Three-Phase		0	Customers	\$15.00	per cust. per mo.	
Trans. & Rel. Serv. Charge		7,883,579	MWh	8.90	mills/kWh	
Distribution Charge		7,883,579	MWh	66.76	mills/kWh	
System Usage Charge Calculation						
Franchise Fees & Other		7,883,579	MWh	5.22	mills/kWh	
Cust Impact Offset		7,883,579	MWh	0.00	mills/kWh	
System Usage Charge		7,883,579	MWh	5.22	mills/kWh	
Energy Charge						
Block 1 (First 1,000 kWh)		7,883,579	MWh	43.94	mills/kWh	
Block 2 (Over 1,000 kWh)		0	MWh	43.94	mills/kWh	
NVPC Charge		7,883,579		54.42	mills/kWh	
Subtotal					w/ CIO	
					w/o CIO	
SCHEDULE 15						
Outdoor Area Lighting						
Allocations						
Functional Costs						
Basic Charge						
Trans. & Rel. Serv. Charge	\$228	9,254	Customers	\$2.05	per cust. per mo.	
Distribution Charge	\$66	12,601	MWh	5.25	mills/kWh	
Franchise Fees & Other	\$466	12,601	MWh	36.99	mills/kWh	
Energy Charge	\$109	12,601	MWh	8.67	mills/kWh	
NVPC Charge	\$397	12,601	MWh	31.49	mills/kWh	
Fixed Charges	\$501	12,601	MWh	39.73	mills/kWh	
Subtotal	<u>\$2,422</u>	12,601	MWh			
Subtotal	\$4,189					
Pricing						
Functional Costs						
Trans. & Rel. Serv. Charge						
Distribution Charge		12,601	MWh	5.25	mills/kWh	
Distribution Charge		12,601	MWh	55.08	mills/kWh	
System Usage Charge Calc						
Franchise Fees & Other		12,601	MWh	8.67	mills/kWh	
Cust Impact Offset		12,601	MWh	6.35	mills/kWh	
System Usage Charge		12,601	MWh	15.02	mills/kWh	
Energy Charge		12,601	MWh	30.73	mills/kWh	
NVPC Charge		12,601	MWh	39.73	mills/kWh	
Fixed Charges		12,601	MWh			
Subtotal					w/ CIO	
					w/o CIO	

PORTLAND GENERAL ELECTRIC
RATE DESIGN
2025

Schedule	Allocated Inputs (\$000)	Billing Determinants		Rate		
		Amount	Unit	Rate	Unit	o
SCHEDULE 32						
General Service <30 kW						
Allocations						
Functional Costs						
Basic Charge						
Single-Phase	\$37,289	60,910	Customers	\$51.02	per cust. per mo.	
Three-Phase	\$26,775	35,907	Customers	\$62.14	per cust. per mo.	
Trans. & Rel. Serv. Charge	\$10,985	1,527,980	MWh	7.19	mills/kWh	
Distribution Charge	\$66,751	1,527,980	MWh	43.69	mills/kWh	
Franchise Fees & Other	\$7,454	1,527,980	MWh	4.88	mills/kWh	
Energy Charge	\$59,185	1,527,980	MWh	38.73	mills/kWh	
NVPC Charge	<u>\$73,130</u>	1,527,980	MWh	47.86	mills/kWh	
Subtotal	\$281,569					
Pricing						
Functional Costs						
Basic Charge						
Single-Phase		60,910	Customers	\$24.00	per cust. per mo.	
Three-Phase		35,907	Customers	\$33.00	per cust. per mo.	
Trans. & Rel. Serv. Charge		1,527,980	MWh	7.19	mills/kWh	
Distribution Charge						
First 5 MWh		1,343,126	MWh	69.62	mills/kWh	
Over 5 MWh		184,853	MWh	30.00	mills/kWh	
System Usage Charge Calc						
Franchise Fees & Other		1,527,980	MWh	4.88	mills/kWh	
Cust Impact Offset		1,527,980	MWh	0.00	mills/kWh	
System Usage Charge		1,527,980	MWh	4.88	mills/kWh	
Energy Charge		1,527,980	MWh	38.73	mills/kWh	
NVPC Charge		1,527,980	MWh	47.86	mills/kWh	
Subtotal					w/ CIO	
					w/o CIO	
SCHEDULE 38						
Time-of-Day G.S. >30 kW						
Allocations						
Functional Costs						
Basic						
Single-Phase	\$152.429219	93	Customers	\$136.59	per cust. per mo.	
Three-Phase	\$688	289	Customers	\$198.41	per cust. per mo.	
Trans. & Rel. Serv. Charge	\$188	26,943	MWh	6.99	per cust. per mo.	
Distribution Charges	\$2,091	26,943	MWh	77.60	per cust. per mo.	
Franchise Fees & Other	\$146	26,943	MWh	5.42	mills/kWh	
Energy Charge	\$1,016.746	26,943	MWh	37.74	mills/kWh	
NVPC Charge	<u>\$1,255,279</u>	26,943	MWh	46.59	mills/kWh	
Subtotal	\$5,538					
Pricing						
Functional Costs						
Basic						
Single-Phase		93	Customers	\$50.00	per cust. per mo.	
Three-Phase		289	Customers	\$60.00	per cust. per mo.	
Trans. & Rel. Serv. Charge		26,943	MWh	6.99	mills/kWh	
Distribution Charges		26,943	MWh	99.00	mills/kWh	
System Usage Charge						
Franchise Fees & Other		26,943	MWh	5.42	mills/kWh	
Cust Impact Offset		26,943	MWh	(8.49)	mills/kWh	
System Usage Charge		26,943	MWh	(3.07)	mills/kWh	
Energy Charge Calc						
On-Peak (special)		5,660	MWh	45.02	mills/kWh	
Mid-Peak		12,304	MWh	40.02	mills/kWh	
Off-Peak		8,979	MWh	30.02	mills/kWh	
NVPC Charge Calc						
On-Peak (special)		5,660	MWh	53.87	mills/kWh	
Mid-Peak		12,304	MWh	48.87	mills/kWh	
Off-Peak		8,979	MWh	38.87	mills/kWh	
Reactive Demand Charge		0	kVar	0.50	kVar	
Subtotal					w/ CIO	
					w/o CIO	

PORTLAND GENERAL ELECTRIC
RATE DESIGN
2025

Schedule	Allocated Inputs (\$000)	Billing Determinants		Rate		o
		Amount	Unit	Rate	Unit	
SCHEDULE 47						
Irrig. & Drain. Pump. - < 30 kW						
Allocations						
Functional Costs						
Basic Charge						
Single-Phase	\$88	232	Customers	\$63.22	per cust. per sur	
Three-Phase	\$1,020	2,395	Customers	\$71.01	per cust. per sur	
Trans. & Rel. Serv. Charge	\$160	20,962	MWh	7.62	mills/kWh	
Distribution Charges	\$2,249	20,962	MWh	107.27	mills/kWh	
Franchise Fees & Other	\$153	20,962	MWh	7.31	mills/kWh	
Energy Charge	<u>\$968</u>	20,962	MWh	46.20	mills/kWh	
NVPC Charge	<u>\$1,198</u>	20,962	MWh	57.15	mills/kWh	
Subtotal	\$5,836.196					
Pricing						
Functional Costs						
Basic Charge						
Single-Phase		232	Customers	\$39.00	per cust. per sur	
Three-Phase		2,395	Customers	\$39.00	per cust. per sur	
Trans. & Rel. Serv. Charge		20,962	MWh	7.62	mills/kWh	
Distribution Charge Calc						
First 50 kWh per kW		4,505	MWh	146.52	mills/kWh	
Over 50 kWh per kW		16,456	MWh	126.52	mills/kWh	
System Usage Charge Calc						
Franchise Fees & Other		20,962	MWh	7.31	mills/kWh	
Cust Impact Offset		20,962	MWh	(9.23)	mills/kWh	
System Usage Charge		20,962	MWh	(1.92)	mills/kWh	
Energy Charge		20,962	MWh	46.20	mills/kWh	
NVPC Charge		20,962	MWh	57.15	mills/kWh	
Reactive Demand Charge		0	kVar	\$0.50	kVar	
Subtotal with Consumer Impact Offset					w/ CIO	
					w/o CIO	
SCHEDULE 49						
Irrig. & Drain. Pump. - > 30 kW						
Allocations						
Functional Costs						
Basic						
Single-Phase	\$13	8	Customers	\$279.58	per cust. per sur	
Three-Phase	\$2,330	1,361	Customers	\$285.38	per cust. per sur	
Trans. & Rel. Serv. Charge	\$416	58,816	MWh	7.08	mills/kWh	
Distribution Charges	\$5,390	58,816	MWh	91.65	mills/kWh	
Franchise Fees & Other	\$382	58,816	MWh	6.49	mills/kWh	
Energy Charge	<u>\$2,661</u>	58,816	MWh	45.24	mills/kWh	
NVPC Charge	<u>\$3,291</u>	58,816	MWh	55.96	mills/kWh	
Subtotal	\$11,193					
Pricing						
Functional Costs						
Basic Charge						
Single-Phase		8	Customers	\$60.00	per cust. per sur	
Three-Phase		1,361	Customers	\$60.00	per cust. per sur	
Trans. & Rel. Serv. Charge		58,816	MWh	7.08	mills/kWh	
Distribution Charge Calc						
First 50 kWh per kW		9,898	MWh	139.74	mills/kWh	
Over 50 kWh per kW		48,918	MWh	119.74	mills/kWh	
System Usage Charge Calc						
Franchise Fees & Other		58,816	MWh	6.49	mills/kWh	
Cust Impact Offset		58,816	MWh	(8.54)	mills/kWh	
System Usage Charge		58,816	MWh	(2.05)	mills/kWh	
Energy Charge		58,816	MWh	45.24	mills/kWh	
NVPC Charge		58,816	MWh	55.96	mills/kWh	
Reactive Demand Charge		0	kVar	0.50	kVar	
Subtotal with Consumer Impact Offset					w/ CIO	
					w/o CIO	

PORTLAND GENERAL ELECTRIC
RATE DESIGN
2025

Schedule	Allocated Inputs (\$000)	Billing Determinants		Rate		o
		Amount	Unit	Rate	Unit	
SCHEDULE 83						
General Service 31-200 kW						
Allocations						
Functional Costs						
Basic Charge						
Single-Phase Secondary	\$2,324	893	Customers	\$216.89	per cust, per mo.	
Three-Phase Secondary	\$40,001	10,904	Customers	\$305.70	per cust, per mo.	
Transmission & Related Service Charge	\$20,205	8,722,161	kW demand	\$2.32	per kW demand	
Distribution Charges						
Feeder Backbone	\$40,076	12,211,025	kW faccap	\$3.28	per kW faccap	
Feeder Local Facilities	\$35,292	12,211,025	kW faccap	\$2.89	per kW faccap	
Subtransmission Charge	\$1,044	8,722,161	kW demand	\$0.12	per kW demand	
Substation Charge	\$12,222	8,722,161	kW demand	\$1.40	per kW demand	
Secondary Franchise Fees & Other	\$10,717	2,846,128	MWh	3.77	mills/kWh	
Secondary COS Energy Charge	\$108,702	2,846,128	MWh	38.19	mills/kWh	
NVPC Charge	<u>\$134,269</u>	2,846,128	MWh	47.18	mills/kWh	
Subtotal	\$404,850					
Pricing						
Functional Costs						
Basic Charge						
Secondary Single-Phase		893	Customers	\$50.00	per cust, per mo.	
Secondary Three-Phase		10,904	Customers	\$60.00	per cust, per mo.	
Trans. & Rel. Serv. Charge						
Peak (On-Peak and Mid-Peak)		8,624,801	kW demand	\$3.48	per kW demand	
Off-peak		97,360	kW demand	\$0.00	per kW demand	
Distribution Charges						
Secondary Facilities Charge						
First 30 kW		4,246,920	kW faccap	\$6.24	<= 30 kW faccap	
Over 30 kW		7,964,105	kW faccap	\$6.14	> 30 kW faccap	
Secondary Demand Charge						
Peak (On-Peak and Mid-Peak)		8,624,801	kW demand	\$2.11	per kW demand	
Off-peak			kW demand	\$0.00	per kW demand	
Secondary System Usage Charge Calc						
Franchise Fees & Other		2,846,128	MWh	3.77	mills/kWh	
Cust Impact Offset		2,846,128	MWh	0.00	mills/kWh	
Rate Design		2,846,128	MWh	6.58	mills/kWh	
System Usage Charge		2,846,128	MWh	10.35	mills/kWh	
COS Energy Charge						
On-peak		639,611	MWh	30.03	mills/kWh	
Mid-peak		1,206,657	MWh	26.03	mills/kWh	
Off-peak		999,860	MWh	20.03	mills/kWh	
NVPC Charge						
On-peak		639,611	MWh	35.87	mills/kWh	
Mid-peak		1,206,657	MWh	31.87	mills/kWh	
Off-peak		999,860	MWh	25.87	mills/kWh	
Generation Demand Charge (On Peak and Mid-Peak)		8,624,801	kW demand	9.86	per kW demand	
Reactive Demand Charge		901,182	kVar	\$0.50	kVar	
Subtotal					w/ CIO	
					w/o CIO	

PORTLAND GENERAL ELECTRIC
RATE DESIGN
2025

Schedule	Allocated Inputs (\$000)	Billing Determinants		Rate		o
		Amount	Unit	Rate	Unit	
SCHEDULE 85						
General Service 201-4,000 kW						
Allocations						
Functional Costs						
Basic Charge						
Secondary	\$15,417	1,474	Customers	\$871.91	per cust, per mo.	
Primary	\$1,991	224	Customers	\$740.72	per cust, per mo.	
Transmission & Related Service Charge	\$17,829	6,893,527	kW on-peak	\$2.59	per kW demand	
Distribution Charges						
Feeder Backbone	\$33,512	11,264,278	kW faccap	\$2.98	per kW faccap	
Feeder Local Facilities	\$8,988	11,264,278	kW faccap	\$0.80	per kW faccap	
Subtransmission Charge	\$1,077	8,659,434	kW on-peak	\$0.12	per kW on-peak	
Substation Charge	\$12,617	8,659,434	kW on-peak	\$1.46	per kW on-peak	
Secondary Franchise Fees & Other	\$6,387	2,479,356	MWh	2.58	mills/kWh	
Primary Franchise Fees & Other	\$2,307	997,664	MWh	2.31	mills/kWh	
COS Energy Charge	\$100,252	2,759,785	MWh	36.33	mills/kWh	
NVPC Charge	\$123,719	2,759,785	MWh	44.83	mills/kWh	
Subtotal	\$324,096					
Pricing						
Functional Costs						
Basic Charge						
Secondary		1,474	Customers	\$870.00	per cust, per mo.	
Primary		224	Customers	\$740.00	per cust, per mo.	
Secondary Trans. & Rel. Serv. Charge		5,439,711	kW on-peak	\$3.48	per kW demand	
Primary Trans. & Rel. Serv. Charge		1,453,816	kW on-peak	\$3.44	per kW demand	
Distribution Charges						
Secondary Facilities Charge						
First 200 kW		3,536,400	kW faccap	\$2.84	per kW faccap	
Over 200 kW		5,122,000	kW faccap	\$2.74	per kW faccap	
Primary Facilities Charge						
First 200 kW		537,600	kW faccap	\$2.81	per kW faccap	
Over 200 kW		2,068,278	kW faccap	\$2.71	per kW faccap	
Secondary Demand Charge		6,573,618	kW on-peak	\$2.11	per kW demand	
Primary Demand Charge		2,085,817	kW on-peak	\$2.09	per kW demand	
Secondary System Usage Charge Calc						
COS Franchise Fees & Other		2,041,005	MWh	2.99	mills/kWh	
Cust Impact Offset		2,041,005	MWh	0.00	mills/kWh	
COS System Usage Charge		2,041,005	MWh	2.99	mills/kWh	
DA Franchise Fees & Other		438,351	MWh	0.66	mills/kWh	
Cust Impact Offset		438,351	MWh	0.00	mills/kWh	
DA System Usage Charge		438,351	MWh	0.66	mills/kWh	
Primary System Usage Charge Calc						
COS Franchise Fees & Other		718,780	MWh	2.96	mills/kWh	
Cust Impact Offset		718,780	MWh	0.00	mills/kWh	
COS System Usage Charge		718,780	MWh	2.96	mills/kWh	
DA Franchise Fees & Other		278,884	MWh	0.66	mills/kWh	
Cust Impact Offset		278,884	MWh	0.00	mills/kWh	
DA System Usage Charge		278,884	MWh	0.66	mills/kWh	
Secondary COS Energy Charge						
On-peak		431,312	MWh	29.02	mills/kWh	
Mid-peak		880,508	MWh	25.02	mills/kWh	
Off-peak		729,185	MWh	19.02	mills/kWh	
Secondary NVPC Charge						
On-peak		431,312	MWh	34.57	mills/kWh	
Mid-peak		880,508	MWh	30.57	mills/kWh	
Off-peak		729,185	MWh	24.57	mills/kWh	
Generation Demand Charge		5,439,711	kW on-peak	11.40	per kW demand	
Primary COS Energy Charge						
On-peak		156,002	MWh	28.76	mills/kWh	
Mid-peak		282,320	MWh	24.76	mills/kWh	
Off-peak		280,459	MWh	18.76	mills/kWh	
Primary NVPC Charge						
On-peak		156,002	MWh	34.25	mills/kWh	
Mid-peak		282,320	MWh	30.25	mills/kWh	
Off-peak		280,459	MWh	24.25	mills/kWh	
Generation Demand Charge		1,453,816	kW on-peak	11.27	per kW demand	
Reactive Demand Charge		1,351,467	kVar	0.50	kVar	
Subtotal						

w/o CIO

PORTLAND GENERAL ELECTRIC
RATE DESIGN
2025

Schedule	Allocated Inputs (\$000)	Billing Determinants		Rate		
		Amount	Unit	Rate	Unit	o
SCHEDULE 89 GT 4,000 kW						
General Service						
Allocations						
Functional Costs						
Secondary Basic Charge	\$0	0	Customers	\$4,152.29	per cust, per mo.	
Primary Basic Charge	\$2,255	46	Customers	\$4,106.83	per cust, per mo.	
Subtransmission Basic Charge	\$418	6	Customers	\$5,809.39	per cust, per mo.	
Transmission & Related Service Charge	\$7,740	2,222,452	kW on-peak	\$3.48	per kW on-peak	
Distribution Charges						
Feeder Backbone	\$6,928	5,912,632	kW faccap	\$1.17	per kW faccap	
Feeder Local Facilities						
Subtransmission Demand Charge	\$805	5,246,258	kW on-peak	\$0.15	per kW on-peak	
Substation Demand Charge	\$8,542	4,689,945	kW on-peak	\$1.82	per kW on-peak	
Secondary Franchise Fees & Other	\$0	0	MWh	1.24	mills/kWh	
Primary Franchise Fees & Other	\$3,274	2,663,295	MWh	1.23	mills/kWh	
Subtransmission Franchise Fees & Oth	\$158	243,324	MWh	0.65	mills/kWh	
Energy Charge	\$41,009	1,144,436	MWh	35.83	mills/kWh	
NVPC Charge	\$47,972	1,144,436	MWh	41.92	mills/kWh	
Subtotal	\$119,102					
Pricing						
Functional Costs						
Secondary Basic Charge		0	Customers	\$4,150.00	per cust, per mo.	
Primary Basic Charge		46	Customers	\$4,110.00	per cust, per mo.	
Subtransmission Basic Charge		6	Customers	\$5,810.00	per cust, per mo.	
Secondary Trans. & Rel. Serv. Charge		0	kW on-peak	\$3.48	per kW on-peak	
Primary Trans. & Rel. Serv. Charge		2,043,440	kW on-peak	\$3.44	per kW on-peak	
Subtransmission Trans. & Rel. Serv. Charge		179,012	kW on-peak	\$3.38	per kW on-peak	
Distribution Charges						
Secondary Facilities Charge						
First 1,000 kW		0	kW faccap	\$1.20	per kW faccap	
Greater than 4,000 kW		0	kW faccap	\$0.89	per kW faccap	
Primary Facilities Charge						
First 4,000 kW		2,196,000	kW faccap	\$1.19	per kW faccap	
Greater than 4,000 kW		2,817,629	kW faccap	\$0.88	per kW faccap	
Subtransmission Facilities Charge						
First 4,000 kW		288,000	kW faccap	\$1.18	per kW faccap	
Greater than 4,000 kW		404,844	kW faccap	\$0.87	per kW faccap	
Secondary Demand Charge						
Primary Demand Charge		4,689,945	kW on-peak	\$2.09	per kW on-peak	
Subtransmission Demand Charge		556,314	kW on-peak	\$0.13	per kW on-peak	
Secondary System Usage Charge Calc						
COS Franchise Fees & Other		0	MWh	2.57	mills/kWh	
Cust Impact Offset		0	MWh	0.00	mills/kWh	
COS System Usage Charge		0	MWh	2.57	mills/kWh	
DA Franchise Fees & Other		0	MWh	0.30	mills/kWh	
Cust Impact Offset		0	MWh	0.00	mills/kWh	
DA System Usage Charge		0	MWh	0.30	mills/kWh	
Primary System Usage Charge Calc						
COS Franchise Fees & Other		1,105,823	MWh	2.54	mills/kWh	
Cust Impact Offset		1,105,823	MWh	0.00	mills/kWh	
COS System Usage Charge		1,105,823	MWh	2.54	mills/kWh	
DA Franchise Fees & Other		1,557,472	MWh	0.30	mills/kWh	
Cust Impact Offset		1,557,472	MWh	0.00	mills/kWh	
DA System Usage Charge		1,557,472	MWh	0.30	mills/kWh	
Subtransmission System Usage Charge Calc						
COS Franchise Fees & Other		38,613	MWh	2.51	mills/kWh	
Cust Impact Offset		38,613	MWh	0.00	mills/kWh	
COS System Usage Charge		38,613	MWh	2.51	mills/kWh	
DA Franchise Fees & Other		204,711	MWh	0.29	mills/kWh	
Cust Impact Offset		204,711	MWh	0.00	mills/kWh	
DA System Usage Charge		204,711	MWh	0.29	mills/kWh	
Secondary Energy Charge						
On-peak		0	MWh	41.88	mills/kWh	
Mid-peak		0	MWh	37.88	mills/kWh	
Off-peak		0	MWh	31.88	mills/kWh	
Secondary NVPC Charge						
On-peak		0		48.03	mills/kWh	
Mid-peak		0		44.03	mills/kWh	
Off-peak		0		38.03	mills/kWh	
Primary Energy Charge						
On-peak		237,426	MWh	41.49	mills/kWh	
Mid-peak		403,280	MWh	37.49	mills/kWh	
Off-peak		465,117	MWh	31.49	mills/kWh	
Primary NVPC Charge						
On-peak		237,426		47.57	mills/kWh	
Mid-peak		403,280		43.57	mills/kWh	
Off-peak		465,117		37.57	mills/kWh	
Subtransmission Energy Charge						

PORTLAND GENERAL ELECTRIC
 RATE DESIGN
 2025

Schedule	Allocated Inputs (\$000)	Billing Determinants		Rate		o
		Amount	Unit	Rate	Unit	
On-peak		6,530	MWh	41.09	mills/kWh	
Mid-peak		21,545	MWh	37.09	mills/kWh	
Off-peak		10,538	MWh	31.09	mills/kWh	
Subtransmission NVPC Charge						
On-peak		6,530		47.10	mills/kWh	
Mid-peak		21,545		43.10	mills/kWh	
Off-peak		10,538		37.10	mills/kWh	
Reactive Demand Charge		1,467,866	kVar	0.50	kVar	
Subtotal					w/ CIO	
					w/o CIO	

PORTLAND GENERAL ELECTRIC
RATE DESIGN
2025

Schedule	Allocated Inputs (\$000)	Billing Determinants		Rate		o
		Amount	Unit	Rate	Unit	
SCHEDULE 90						
Primary Voltage Service						
Allocations						
Functional Costs						
Primary Basic Charge	\$1,762	8	Customers	\$18,352.48	per cust, per mo.	
Subtransmission Basic Charge		0	Customers	\$18,352.48	per cust, per mo.	
Transmission & Related Service Charge	\$19,083	5,479,269	kW on-peak	\$3.48	per kW on-peak	
Distribution Charges						
Feeder Backbone	\$5,105	5,770,990	kW faccap	\$0.88	per kW faccap	
Subtransmission Demand Charge	\$840	5,479,269	kW on-peak	\$0.15	per kW on-peak	
Substation Demand Charge	\$9,980	5,479,269	kW on-peak	\$1.82	per kW on-peak	
Primary Franchise Fees & Other	\$8,215	3,640,677	MWh	2.26	mills/kWh	
Subtransmission Franchise Fees & Other		0	MWh	2.29	mills/kWh	
Energy Charge	\$105,063.017	3,640,677	MWh	28.86	mills/kWh	
NVPC Charge	<u>\$151,649,229</u>	3,640,677	MWh	41.65	mills/kWh	
Subtotal	\$301,696.832					
Pricing						
Functional Costs						
Primary Basic Charge		8	Customers	\$18,400.00	per cust, per mo.	
Subtransmission Basic Charge		0	Customers	\$18,400.00	per cust, per mo.	
Primary Trans. & Rel. Serv. Charge		5,479,269	kW on-peak	\$3.44	per kW on-peak	
Subtransmission Trans & Rel Serv. Charge		0	kW on-peak	\$3.38	per kW on-peak	
Distribution Charges						
Primary Facilities Charge						
First 4,000 kW		384,000	kW faccap	\$0.98	per kW faccap	
Over 4,000 kW		5,386,990	kW faccap	\$0.67	per kW faccap	
Subtransmission Facilities Charge						
First 4,000 kW		384,000	kW faccap	\$0.98	per kW faccap	
Over 4,000 kW		5,386,990	kW faccap	\$0.67	per kW faccap	
Primary Demand Charge		5,479,269	kW on-peak	\$2.09	per kW on-peak	
Subtransmission Demand Charge		0	kW on-peak	\$0.13	per kW on-peak	
Primary System Usage Charge Calc >250MWa						
COS Franchise Fees & Other		3,092,966	MWh	2.26	mills/kWh	
Cust Impact Offset		3,092,966	MWh	<u>0.25</u>	mills/kWh	
COS System Usage Charge		3,092,966	MWh	2.51	mills/kWh	
Primary System Usage Charge Calc 30-250 Mwa						
COS Franchise Fees & Other		547,711	MWh	2.26	mills/kWh	
Cust Impact Offset		547,711	MWh	<u>0.25</u>	mills/kWh	
COS System Usage Charge		547,711	MWh	2.51	mills/kWh	
Subtransmission System Usage Charge Calc >250MWa						
COS Franchise Fees & Other		0	MWh	2.26		
Cust Impact Offset		0	MWh	<u>0.25</u>		
COS System Usage Charge		0	MWh	2.51	mills/kWh	
Subtransmission System Usage Charge Calc 30-250MWa						
COS Franchise Fees & Other		0	MWh	2.26		
Cust Impact Offset		0	MWh	<u>0.25</u>		
COS System Usage Charge		0	MWh	2.51	mills/kWh	
Primary Energy Charge 30-250MWa						
On-peak		314,812	MWh	36.23	mills/kWh	
Off-peak		232,900	MWh	28.73	mills/kWh	
Primary NVPC Charge 30-250MWa						
On-peak		314,812	MWh	44.86		
Off-peak		232,900	MWh	37.36		
Primary Energy Charge >250Mwa						
On-peak		1,771,816	MWh	31.34	mills/kWh	
Off-peak		1,321,149	MWh	23.84	mills/kWh	
Primary NVPC Charge >250Mwa						
On-peak		1,771,816		44.86		
Off-peak		1,321,149		37.36		
Subtransmission Energy Charge 30-250MWa						
On-peak		0	MWh	32.90	mills/kWh	
Off-peak		0	MWh	24.94	mills/kWh	
Subtransmission NVPC Charge 30-250MWa						
On-peak		0		47.10		
Off-peak		0		39.14		
Subtransmission Energy Charge >250MWa						
On-peak		0	MWh	30.99	mills/kWh	
Off-peak		0	MWh	23.49	mills/kWh	
Subtransmission NVPC Charge >250MWa						
On-peak		0		44.36		
Off-peak		0		36.86		
Reactive Demand Charge		1,293,494	kVar	\$0.50	kVar w/CIO	
					w/o CIO	

PORTLAND GENERAL ELECTRIC
RATE DESIGN
2025

Schedule	Allocated Inputs (\$000)	Billing Determinants		Rate		o
		Amount	Unit	Rate	Unit	
SCHEDULES 91 & 95						
Street & Highway Lighting						
Allocations						
	Functional Costs					
	Basic Charge	\$1,012	201 Customers	\$419.61	per cust, per mo.	
	Trans. & Rel. Serv. Charge	\$190	39,825 MWh	4.77	mills/kWh	
	Distribution Charge	\$1,510	39,825 MWh	37.92	mills/kWh	
	Franchise Fees & Other	\$368	39,825 MWh	9.24	mills/kWh	
	COS Energy Charge	\$1,214	39,825 MWh	30.49	mills/kWh	
	NVPC Charge	\$1,532	39,825 MWh	38.47	mills/kWh	
Pricing	Fixed Charges	<u>\$8,311</u>				
	Fun Subtotal	\$14,138				
	Trans. & Rel. Serv. Charge		39,825 MWh	4.77	mills/kWh	
	Distribution Charge		39,825 MWh	63.35	mills/kWh	
	System Usage Charge Calc					
	Franchise Fees & Other		39,825 MWh	9.24	mills/kWh	
	Cust Impact Offset		39,825 MWh	(2.01)	mills/kWh	
	System Usage Charge		39,825 MWh	7.23	mills/kWh	
	COS Energy Charge		39,825 MWh	30.73	mills/kWh	
	NVPC Charge		39,825 MWh	38.47	mills/kWh	
	Fixed Charges		39,825 MWh			
	Subtotal				w/ CIO	
	Functional Costs				w/o CIO	
	Functional Costs					
SCHEDULE 92	Basic Charge	\$10	16 Customers	\$53.64	per cust, per mo.	
Traffic Signals	Trans. & Rel. Serv. Charge	\$15	2,760 MWh	5.39	mills/kWh	
Allocations	Distribution Charge	\$34	2,760 MWh	12.18	mills/kWh	
	Franchise Fees & Other	\$7	2,760 MWh	2.67	mills/kWh	
	COS Energy Charge	<u>\$92</u>	2,760 MWh	33.15	mills/kWh	
	NVPC Charge	<u>\$115</u>	2,760 MWh	41.83	mills/kWh	
	Subtotal	\$273				
Pricing	Trans. & Rel. Serv. Charge		2,760 MWh	5.39	mills/kWh	
	Distribution Charge		2,760 MWh	15.91	mills/kWh	
	System Usage Charge Calc					
	Franchise Fees & Other		2,760 MWh	2.67	mills/kWh	
	Cust Impact Offset		2,760 MWh	0.00	mills/kWh	
	System Usage Charge		2,760 MWh	2.67	mills/kWh	
	COS Energy Charge		2,760 MWh	33.15	mills/kWh	
	NVPC Charge		2,760 MWh	41.83	mills/kWh	
	Subtotal				w/ CIO	
Summary of Inputs	Functional Costs				w/o CIO	
	Basic Charge	Allocated Inputs	DesSumm	Deltas		
	Trans. & Rel. Serv. Charge	\$422,035.636	\$422,035.709	(\$0)		
	Distribution Charge	\$147,043.562	\$147,043.562	\$0		
	Fixed Charges	\$635,427.652	\$635,427.652	\$0		
	Franchise Fees & Other	\$10,733.373	\$10,733.373	\$0		
	Energy Charge	\$80,862.559	\$80,862.559	\$0		
	NVPC Charge	\$766,939.735	\$766,939.735	\$0		
	Subtotal	<u>\$967,668.109</u>	<u>\$967,668.109</u>	\$0		
	Subtotal	\$3,030,710.626	\$3,030,710.699			
Functional Costs Revenues	Basic Charge	Annual Revenue	Revenue	Deltas		
	Trans. & Rel. Serv. Charge	\$205,228.443	\$205,228.443	\$0		
	Distribution Charges	\$162,614.310	\$162,614.310	\$0		
	Fixed Charges	\$815,390.986	\$815,390.986	\$0		
	System Usage Charge	\$10,733.373	\$10,733.372	(\$0)		
	Energy Charge	\$99,581.267	\$99,581.267	\$0		
	NVPC Charge	\$857,300.897	\$857,300.897	\$0		
	Reactive	\$877,371.786	\$877,371.786	\$0		
	Subtotal	<u>\$2,507,004</u>	<u>\$2,507,004</u>	\$0		
	Subtotal	\$3,030,728.068	\$3,030,728.067	(\$0)		

Note: figures are before employee discount and Schedule 129

**Annual
Revenue
(\$000)**

\$288,287
\$0
\$70,164
\$379,910
\$41,152
\$346,404
\$429,024
\$1,554,941

\$106,156.516
\$35,738.963
\$0.000
\$70,163.850
\$526,307.712

\$41,152.281
\$0.000
\$41,152.281

\$346,404.447
\$0.000
\$429,024.351

\$1,554,948.121

\$1,554,948.121

\$227.648
\$66.155
\$466.111
\$109.251
\$396.805
\$500.638
\$2,422.442
\$4,189.051

\$66.155
\$694.063

\$109.251
\$80.016
\$189.267
\$387.229
\$500.638
\$2,422.442
\$4,259.794

\$4,179.777

**Annual
Revenue
(\$000)**

\$37,291.589
\$26,775.132
\$10,986.173
\$66,757.425
\$7,456.540
\$59,178.647
\$73,129.100
\$281,574.607

\$17,542.104
\$14,219.172
\$10,986.173

\$93,508.463
\$5,545.592

\$7,456.540
\$0.000
\$7,456.540
\$59,178.647
\$73,129.100
\$281,565.791

\$281,565.791

\$152.434
\$688.086
\$188.335
\$2,090.811
\$146.033
\$1,016.845
\$1,255.295
\$5,537.839

\$55.800
\$208.080
\$188.335
\$2,667.400

\$146.033
-\$228.750
-\$82.716

\$254.823
\$492.418
\$269.547

C
\$304.916
\$601.311
\$349.010
\$0.000
\$5,308.925

\$5,537.675

**Annual
Revenue
(\$000)**

\$88.002
\$1,020.414
\$159.728
\$2,248.557
\$153.230
\$968.428
\$1,197.959
\$5,836.317

\$54.288
\$560.430
\$159.728

\$660.111
\$2,082.063

\$153.230
-\$193.476
-\$40.246
\$968.428
\$1,197.959
\$0.000
\$5,642.760

\$5,836.236

\$13.420
\$2,330.413
\$416.419
\$5,390.508
\$381.717
\$2,660.847
\$3,291.357
\$14,484.681

\$2.880
\$489.960
\$416.419

\$1,383.156
\$5,857.462

\$381.717
-\$502.291
-\$120.573
\$2,660.847
\$3,291.357
\$0.000
\$13,981.507

\$14,483.798

**Annual
Revenue**
(\$000)

\$2,324.193
\$40,000.234
\$20,235.413

\$40,052.161
\$35,289.862
\$1,046.659
\$12,211.025
\$10,729.903
\$108,693.637
\$134,280.330
\$404,863.417

\$535.800
\$7,850.880

\$30,014.306
\$0.000

\$26,500.781
\$48,899.604

\$18,198.329
\$0.000

\$10,729.903
\$0.000
\$18,727.524
\$29,457.427

\$19,207.517
\$31,409.284
\$20,027.200

\$22,942.845
\$38,456.161
\$25,866.384
\$85,040.534
\$450.591
\$404,857.642

\$404,857.642

**Annual
Revenue
(\$000)**

\$15,417.113
\$1,991.055
\$17,854.236

\$33,567.549
\$9,011.422
\$1,039.132
\$12,642.774
\$6,396.738
\$2,304.605
\$100,262.983
\$123,721.154
\$324,208.761

\$15,383.340
\$1,989.120
\$18,930.194
\$5,001.128

\$10,043.376
\$14,034.279

\$1,510.656
\$5,605.034
\$13,870.333
\$4,359.357

\$6,102.604
\$0.000
\$6,102.604
\$289.312
\$0.000
\$289.312

\$2,127.589
\$0.000
\$2,127.589
\$184.064
\$0.000
\$184.064

\$12,516.671
\$22,030.310
\$13,869.093

\$14,910.452
\$26,917.130
\$17,916.069
\$62,012.706

\$4,486.619
\$6,990.232
\$5,261.404

\$5,343.070
\$8,540.166
\$6,801.122
\$16,384.510
\$675.733
\$324,085.674

\$324,085.674

**Annual
Revenue
(\$000)**

\$0.000
\$2,254.650
\$418.276
\$7,734.132

\$6,917.779
\$0.000
\$786.939
\$8,535.699
\$0.000
\$3,275.853
\$158.161
\$41,005.143
\$47,974.759
\$119,061.391

\$0.000
\$2,256.390
\$418.320
\$0.000
\$7,029.433
\$605.061

\$0.000
\$0.000

\$2,613.240
\$2,479.513

\$339.840
\$352.214

\$0.000
\$9,801.984
\$72.321

\$0.000
\$0.000
\$0.000
\$0.000
\$0.000
\$0.000

\$2,808.790
\$0.000
\$2,808.790
\$467.242
\$0.000
\$467.242

\$96.919
\$0.000
\$96.919
\$59.366
\$0.000
\$59.366

\$0.000
\$0.000
\$0.000

\$0.000
\$0.000
\$0.000

\$9,850.818
\$15,118.964
\$14,646.519

\$11,294.370
\$17,570.906
\$17,474.427

**Annual
Revenue**
(\$000)

\$268.319
\$799.108
\$327.632

\$307.564
\$928.594
\$390.966
\$733.933
\$119,112.752

\$119,112.752

**Annual
Revenue
(\$000)**

\$1,761.838
\$0.000
\$19,067.857

\$5,078.471
\$821.890
\$9,972.270
\$8,227.930
\$0.000
\$105,069.937
\$151,634.195
\$301,634.389

\$1,766.400
\$0.000
\$18,848.687
\$0.000

\$376.320
\$3,609.283

\$376.320
\$3,609.283
\$11,451.673
\$0.000

\$6,990.102
\$773.241
\$7,763.344

\$1,237.828
\$136.928
\$1,374.755

\$0.000
\$0.000
\$0.000

\$0.000
\$0.000
\$0.000

\$11,405.621
\$6,691.211

\$14,122.444
\$8,701.136

\$55,528.727
\$31,496.198

\$79,483.686
\$49,358.135

\$0.000
\$0.000

\$0.000
\$0.000

\$646.747
\$306,609.969

\$305,699.799

**Annual
Revenue**
(\$000)

\$1,012.099
\$189.965
\$1,510.164
\$367.983
\$1,214.264
\$1,532.068
\$8,310.931
\$14,137.475

\$189.965
\$2,522.914

\$367.983
-\$80.048
\$287.935
\$1,223.822
\$1,532.068
\$8,310.931
\$14,067.635

\$14,147.683

\$10.299
\$14.876
\$33.617
\$7.369
\$91.494
\$115.451
\$273.106

\$14.876
\$43.912

\$7.369
\$0.000
\$7.369
\$91.494
\$115.451
\$273.102

\$273.102

**PORTLAND GENERAL ELECTRIC
Commercial and Industrial Pricing**

	Allocated Inputs (\$000)	Billing Determinants		Rate			Annual Revenue (\$000)
		Amount	Unit	Rate	Unit	Note	
Transmission Demand Price for Schedules 83, 85, 89, 90							
Transmission & Ancillary Pricing	\$64,856,868	18,692,296	kW	\$3.47	per kW demand		\$64,862
Secondary		14,064,512	kW	\$3.48	per kW demand		\$48,945
Primary		4,448,772	kW	\$3.44	per kW demand		\$15,304
Subtransmission		179,012	kW	\$3.38	per kW demand		\$605
Total Schedule 83/85/89/90 Transmission Reven	\$64,857						\$64,853
Distribution Demand Pricing for Schedules 83, 85, 89, 90							
Distribution Demand Pricing (subtransmission)	\$3,766	28,009,763	kW	\$0.13	per kW demand		\$3,766
Secondary		15,198,418	kW	\$0.13	per kW demand		\$2,044
Primary		6,775,761	kW	\$0.13	per kW demand		\$911
Subtransmission		556,314	kW	\$0.13	per kW demand		\$75
							\$3,029
Distribution Demand Pricing (substations)	\$43,361	21,974,180	kW	\$1.97	per kW demand		\$43,361
Secondary		15,198,418	kW	\$1.98	per kW demand		\$30,085
Primary		6,775,761	kW	\$1.96	per kW demand		\$13,277
							\$43,361
Distribution Demand Prices							
Secondary		15,198,418		\$2.11			\$32,069
Primary		6,775,761		\$2.09			\$14,161
Subtransmission		556,314		\$0.13			\$72
	\$47,127						\$46,302
Secondary/Primary Transmission Delta				\$0.0400			
Secondary/Subtransmission Transmission Delta				\$0.1000			
Secondary/Primary 115 kV Delta				\$0.00			
Secondary/Subtransmission kV Delta				\$0.00			
Secondary/Primary Substation Delta				\$0.02			
Schedule 85 Price Differential (Generation)							
	Total	Energy	Demand	BD			
Schedule 85 Price Differentials							
Schedule 85 Energy Allocations	\$65,164	2,759,785	MWh	23.61	mills/kWh	CHECKS	\$65,164 \$65,154
Schedule 85 Secondary Energy		2,041,005	MWh	23.68	mills/kWh		\$48,331 \$48,416
Schedule 85 Primary Energy		718,780	MWh	23.42	mills/kWh		\$16,834 \$16,738
Schedule 85 NVPC Allocations	\$80,417	2,759,785	MWh	29.14	mills/kWh		\$80,417 \$80,428
Schedule 85 Secondary NVPC		2,041,005	MWh	29.21	mills/kWh		\$59,618 \$59,744
Schedule 85 Primary NVPC		718,780	MWh	28.95	mills/kWh		\$20,809 \$20,684
Total Energy				52.75			
Energy Secondary/Primary Delta				0.26	mills/kWh		
NVPC Secondary/Primary Delta				0.32	mills/kWh		
Schedule 85 Secondary Energy Pricing						Load Distribution	Mid-C Price (\$/MWh)
On-peak		431,312	MWh	29.02	mills/kWh	\$12,517	63.59 15.6% 75.30
Mid-peak		880,508	MWh	25.02	mills/kWh	\$22,030	55.59 31.9% 60.66
Off-peak		729,185	MWh	19.02	mills/kWh	\$13,869	43.59 26.4% 51.76
Schedule 85 Primary Energy Pricing						Load Distribution	Mid-C Price (\$/MWh)
On-peak		156,002	MWh	28.76	mills/kWh	\$4,487	63.01 5.7% 75.30
Mid-peak		282,320	MWh	24.76	mills/kWh	\$6,990	55.01 10.2% 60.66
Off-peak		280,459	MWh	18.76	mills/kWh	\$5,261	43.01 10.2% 51.76
							100.0%
Schedule 85 Secondary NVPC Pricing							
On-peak		431,312	MWh	34.57	mills/kWh	\$14,910	
Mid-peak		880,508	MWh	30.57	mills/kWh	\$26,917	
Off-peak		729,185	MWh	24.57	mills/kWh	\$17,916	
Schedule 85 Primary NVPC Pricing							
On-peak		156,002	MWh	34.25	mills/kWh	\$5,343	
Mid-peak		282,320	MWh	30.25	mills/kWh	\$8,540	
Off-peak		280,459	MWh	24.25	mills/kWh	\$6,801	
Schedule 85 Generation Demand Price	35%						
Total		Energy					
Schedule 85 Generation Demand Energy Allocat	\$78,390	6,893,527	kW	\$11.37	per kW demand		\$78,389.73
Schedule 85 Secondary Generation Demand Pricing		5,439,711	kW	\$11.40	per kW demand		\$62,012.71
Schedule 85 Primary Generation Demand Pricing		1,453,816	kW	\$11.27	per kW demand		\$16,384.51
Secondary/Primary Delta				0.13			
Total Schedule 85 Energy Revenues	\$223,971						\$145,582

Schedule 85 Facility Charges	\$42,500				
Under-recovery of other charges	(\$11,297)				
Total Facilities Revenues to Recover	\$31,204				
Schedule 85 Secondary Facilities		11,264,278	kW faccap	\$2.77 per kW faccap	\$31,204
First 200		3,536,400	kW faccap	\$2.84 per kW faccap	\$10,043
Over 200		5,122,000	kW faccap	\$2.74 per kW faccap	\$14,034
Schedule 85 Primary Facilities					
First 200		537,600	kW faccap	\$2.81 per kW faccap	\$1,511
Over 200		2,068,278	kW faccap	\$2.71 per kW faccap	\$5,605
Secondary/Primary Facilities Delta					\$31,193

Line Loss \$0.03

Economies of Scale Blocking, Rate Continuum

\$0.10

Schedule 89 and Sch 90 Price Differentials

						CHECKS
Schedule 89 Energy Allocations	\$41,009	1,144,436 MWh	35.83	mills/kWh	\$41,009	\$41,011
Schedule 89 Secondary Energy		MWh	36.24	mills/kWh	\$0	\$0
Schedule 89 Primary Energy		1,105,823 MWh	35.85	mills/kWh	\$39,644	\$39,616
Schedule 89 Subtransmission Energy		38,613 MWh	35.45	mills/kWh	\$1,369	\$1,395
Schedule 89 NVPC Allocations	\$47,972	1,144,436 MWh	41.92	mills/kWh	\$47,972	\$47,967
Schedule 89 Secondary NVPC		MWh	42.32	mills/kWh	\$0	\$0
Schedule 89 Primary NVPC		1,105,823 MWh	41.93	mills/kWh	\$46,367	\$46,340
Schedule 89 Subtransmission NVPC		38,613 MWh	41.53	mills/kWh	\$1,604	\$1,627

Total Schedule 89 Energy Revenues \$88,981 77.75 \$136,956

Energy Secondary/Primary Delta	0.39
Energy Primary/Subtransmission Delta	0.40
NVPC Secondary/Primary Delta	0.46
NVPC Primary/Subtransmission Delta	0.47

						Load		Mid-C Price (\$/MWh)
						Distribution		
Schedule 89 Secondary Energy Pricing								
On-peak	0 MWh	41.88	mills/kWh	\$0	89.91	0.0%	75.30	
Mid-peak	0 MWh	37.88	mills/kWh	\$0	81.91	0.0%	60.66	
Off-peak	0 MWh	31.88	mills/kWh	\$0	69.91	0.0%	51.76	
Schedule 89 Primary Energy Pricing								
On-peak	237,426 MWh	41.49	mills/kWh	\$9,851	89.06	20.7%	75.30	
Mid-peak	403,280 MWh	37.49	mills/kWh	\$15,119	81.06	35.2%	60.66	
Off-peak	465,117 MWh	31.49	mills/kWh	\$14,647	69.06	40.6%	51.76	
Schedule 89 Subtransmission Energy Pricing								
On-peak	6,530 MWh	41.09	mills/kWh	\$268	88.19	0.6%	75.30	
Mid-peak	21,545 MWh	37.09	mills/kWh	\$799	80.19	1.9%	60.66	
Off-peak	10,538 MWh	31.09	mills/kWh	\$328	68.19	0.9%	51.76	
						100.0%		
Schedule 89 Secondary NVPC Pricing								
On-peak	0 MWh	48.03	mills/kWh	\$0				
Mid-peak	0 MWh	44.03	mills/kWh	\$0				
Off-peak	0 MWh	38.03	mills/kWh	\$0				
Schedule 89 Primary NVPC Pricing								
On-peak	237,426 MWh	47.57	mills/kWh	\$11,294				
Mid-peak	403,280 MWh	43.57	mills/kWh	\$17,571				
Off-peak	465,117 MWh	37.57	mills/kWh	\$17,474				
Schedule 89 Subtransmission NVPC Pricing								

On-peak		6,530 MWh	47.10 mills/kWh	\$308
Mid-peak		21,545 MWh	43.10 mills/kWh	\$929
Off-peak		10,538 MWh	37.10 mills/kWh	\$391
Total Schedule 89 Energy Revenues	\$88,981			\$88,978

Schedule 90 Primary Energy Pricing				
On-peak			31.34	44.86
Off-peak			23.84	37.36

Schedule 90 Subtransmission Energy Pricing				
On-peak			30.99	44.36
Off-peak			23.49	36.86

Schedule 89 Facilities Blocking at 4,000 kW

Schedule 89 Facility Charges	\$6,928	This includes 89-T Subtransmission Feeder Costs		
Under-recovery of other charges	<u>(\$1,154)</u>			
Total Facilities Revenues to Recover	\$5,774			
Secondary		5,706,473 kW faccap	\$1.01 per kW faccap	\$5,764
First 4,000		0 kW faccap	\$1.20 per kW faccap	\$0
Over 4,000		0 kW faccap	\$0.89 per kW faccap	\$0
Primary				
First 4,000		2,196,000 kW faccap	\$1.19 per kW faccap	\$2,613
Over 4,000		2,817,629 kW faccap	\$0.88 per kW faccap	\$2,480
Subtransmission				
First 4,000		288,000 kW faccap	\$1.18 per kW faccap	\$340
Over 4,000		404,844 kW faccap	\$0.87 per kW faccap	\$352
				\$5,785
Secondary/Primary Facilities Delta	Blocking		\$0.010	
Primary/Subtransmission Facilities Delta			\$0.020	
Blocking	\$0.31		\$0.31	

Demand and Energy Loss Differentials for Selected Schedules

Schedule 85: Secondary/Primary			
	Losses		
Embedded energy loss differentials	1.107%		
Peak demand loss differential	1.130%		
Schedule 89			
	Sec/Prim	Prim/Subtrans	
Embedded energy loss differentials	1.107%	1.136%	
Peak demand loss differentials	1.130%	1.820%	

Marginal Cost (\$)	Marginal Cost (%)	Designed Price (mills/kWh)	Price Differentials	Adj Price Differentials	Adj Price Differentials
11.77	19.4%	65.63			
19.35	32.0%	52.87	13.0	8	4
13.68	22.6%	45.12	8.0	12	6
Marginal Cost (\$)	Marginal Cost (%)	Designed Price (mills/kWh)	Price Differentials	Adj Price Differentials	Adj Price Differentials
4.26	7.0%	65.63			
6.21	10.3%	52.87	13.0	8	4
5.26	8.7%	45.12	8.0	12	6
100.0%					

Marginal Cost (\$)	Marginal Cost (%)	Designed Price (mills/kWh)	Price Differentials	Adj Price Differentials	Adj Price Differentials
-	0.0%		0.0	8	4
-	0.0%		0.0	12	6
15.62	26.0%	97.45			
21.38	35.6%	78.50	19.0	8	4
21.04	35.0%	66.98	12.0	12	6
0.43	0.7%	97.45			
1.14	1.9%	78.50	19.0	8	4
0.48	0.8%	66.98	12.0	12	6
	100.0%				

Average Revenue per Customer from Schedule 7 Standard Customer

	Std Price	Units	Revenue
Energy	98.36	mills/kWh	\$76.72
Transmission	8.90	mills/kWh	\$6.94
Distribution	71.98	mills/kWh	\$56.14
Total	179.24		\$139.80

Average Monthly Use (kWh) 780

Schedule 7 TOD Prices Design

	Res Std Rate	Generation			Revenue (\$)	Initial Price mills/kWh
	Monthly kWh per Window	Initial Price mills/kWh	Adjustments mills/kWh	Final Price mills/kWh		
Onpeak	119	155.94	41.52	197.46	23.50	22.60
Midpeak	236	107.10	-17.92	89.18	21.05	11.00
Offpeak	425	77.39	-1.67	75.72	32.18	3.90
Revenue from TOD Price Option >>>					76.73	
Revenue from Standard Price Plan >>>					76.72	

Usage and Cost Allocation Inputs

	Onpeak	Midpeak	Offpeak
Portion of unmet load hours from	38.8%	37.4%	23.8%
Residential Usage (Load Research)	15.3%	30.2%	54.4%

Distribution of

Onpeak
Midpeak
Offpeak

Onpeak
Midpeak
Offpeak

Schedule 7 TOD Tariff Prices (cents/kWh)

	Energy	Transmission	Distribution	Combined
Onpeak	19.746	2.580	20.880	43.206
Midpeak	8.918	0.930	7.600	17.448
Offpeak	7.572	0.390	3.140	11.102

Transmission			Distribution				
Adjustments	Final Price	Revenue	Initial Price	Adjustments	Final Price	Revenue	Comb. Price
mills/kWh	mills/kWh	(\$)	mills/kWh	mills/kWh	mills/kWh	(\$)	mills/kWh
3.20	25.80	3.07	183.00	25.80	208.80	24.85	432.06
-1.70	9.30	2.19	89.00	-13.00	76.00	17.94	174.48
0.00	3.90	1.66	31.40	0.00	31.40	13.35	111.02
						6.92	56.13
						6.94	56.14

of System Costs

Desgined Gen.	Actual Gen.	Desgined Trans.	Actual Trans.	Desgined Dist.	Actual Dist.
24.2%	30.6%	38.8%	44.2%	38.8%	44.3%
32.9%	27.4%	37.4%	31.6%	37.4%	31.9%
42.9%	41.9%	23.8%	23.9%	23.8%	23.8%

Marginal Cost of Gen.	
Capacity	Energy
38%	62%
38.8%	15.3%
37.4%	30.2%
23.8%	54.4%

omb. Price Combined	
cents/kWh revenue (\$)	
<u>43.206</u>	51.42
17.448	41.18
<u>11.102</u>	47.18
	<u>139.78</u>
	<u>139.80</u>

2025 Schedule 32 COS Energy Prices

Energy	Energy Prices mills/kWh	Monthly kWh	Revenues
Schedule 32	38.73	1,315	\$50.93

Schedule 32 TOU Tariff Prices (cents/kWh)

Peaks	Energy
Onpeak	6.843
Midpeak	3.873
Offpeak	2.281

2025 Schedule 32 TOU Energy Prices

Peaks	Energy Prices mills/kWh	Monthly kWh	Revenues	Energy Prices mills/kWh
On-peak	68.43	263	\$18.00	68.43
Mid-peak	38.73	561	\$21.74	38.73
Off-peak	22.81	491	\$11.19	22.81
Total		1,315	\$50.93	

On/Off Ratio 3.00

Peaks	2019-2021 Average kWh Percentages
On-peak	20.0%
Mid-peak	42.7%
Off-peak	37.3%

2025 Sch 32 TOU Forecast

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Customers	262	262	262	262	262	262	262	263	263	263	263
Energy (MWh)											
First 5 MWh	784	752	751	734	789	783	767	759	772	731	733
Over 5 MWh	272	181	165	180	231	262	283	269	266	209	194
Peak Energy (MWh)											
On-peak Energy	216	191	188	188	170	175	175	172	173	157	190
Mid-peak Energy	399	353	346	346	428	439	441	432	436	395	350
Off-peak Energy	440	389	382	381	421	432	434	425	429	389	386

Energy Revenues at Standard Tariff

Energy	MWh	Price	Revenues
Schedule 32	11,908	38.73	\$461,180

Energy Revenues at TOU Pricing

Peaks	MWh	Price	Revenues
On-peak Energy	2,208	68.43	\$151,117
Mid-peak Energy	4,758	38.73	\$184,287
Off-peak Energy	4,941	22.81	\$112,703
Totals	11,908		\$448,108
TOU Decrement			(\$13,072)
Schedule 32 Energy (MWh)			1,527,980
Std Tariff Adder (mills/kWh)	0.01		0.00
Schedule 32 Revenues			\$0

Dec	Total
263	3,149
786	9,141
253	2,767
213	2,208
392	4,758
433	4,941

System Usage Charge Summary

Schedules	Total mills/kWh
Schedule 7	5.22
Schedule 15	15.02
Schedule 515	13.06
Schedule 32	4.88
Schedule 532	2.41
Schedule 38	(3.07)
Schedule 538	(5.48)
Schedule 47	(1.92)
Schedule 49	(2.05)
Schedule 549	(4.90)
Schedule 83	10.35
Schedule 583	7.91
Schedule 85-S	2.99
Schedule 485-S	0.66
Schedule 585-S	0.66
Schedule 89-S GT 4 MW	2.57
Schedule 489-S GT 4 MW	0.30
Schedule 589-S GT 4 MW	0.30
Schedule 85-P	2.96
Schedule 485-P	0.66
Schedule 585-P	0.66
Schedule 89-P GT 4 MW	2.54
Schedule 489-P GT 4 MW	0.30
Schedule 589-P GT 4 MW	0.30
Schedule 689-P GT 4 MW	0.30
Schedule 89-T	2.51
Schedule 489-T	0.29
Schedule 589-T	0.29
Schedule 90-P >250MWa	2.51
Schedule 90-P 30-250 Mwa	2.51
Schedule 90-T >250MWa	2.51
Schedule 90-T 30-250 Mwa	2.51
Schedule 490 P	0.51
Schedule 490T	0.51
Schedule 590 P	0.51
Schedule 590 T	0.51
Schedules 91/95	7.23
Schedule 591/595	5.27
Schedule 92	2.67
Schedule 592	0.55

PORTLAND GENERAL ELECTRIC
 Calculation of 2025 Wheeling Charge

Nonresidential Schedules	12 CP	Applicable MWh	aMW	LF	Wheeling Energy Price
Schedule 15	249.4	13,408	1.5		
Schedule 32	4.3	1,625,526	185.6		
Schedule 38	3.6	28,664	3.3		
Schedule 47	9.4	22,589	2.6		
Schedule 49	458.7	62,318	7.1		
Schedule 83	403.8	3,029,467	345.8		
Schedule 85	149.0	2,934,204	335.0		
Schedule 89	455.8	1,208,975	138.0		
Schedule 90	4.3	3,849,348	439.4		
Schedule 91/95	0.3	42,375	4.8		
Schedule 92	0.0	2,937	0.3		
Totals	1,738.5	12,819,813	1,463.4	84.18%	3.19 mills/kWh

Hours	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
	744	672	744	720	744	720	744	744	720	744	720	744	8,760	

Calculation of Wheeling for Schedules 485, 489, 490, 491, 492, and 495

BPA PTP	1.960 kW-month	BPA PTP rate+ Scheduling, System Control and Dispatch Rate PTP	PTP	\$1.65
Hours	730 average hours per 12 months		SSC&D	\$0.32
			Total	\$1.964 p/kW

[BP-22 Transmission Rates Summary Final Proposal \(bpa.gov\)](http://bpa.gov)

Daily Schedule 76 Prices

Schedule 76 ERP Daily Distribution Demand Charge

	Secondary	Primary	Subtransmission
Annual	\$25.32	\$25.08	\$1.56
Monthly	\$2.11	\$2.09	\$0.13
Daily	0.082	0.081	0.005 (annual charge / (313-5))

Schedule 76 ERP Daily Transmission Demand Charge

	Secondary	Primary	Subtransmission
Annual	\$41.76	\$41.28	\$40.56
Monthly	\$3.48	\$3.44	\$3.38
Daily	0.136	0.134	0.132 (annual charge / (313-5))

Daily charges are for on-peak hours only

**PORTLAND GENERAL ELECTRIC
SCHEDULES 15 & 91/95 COMPARISON OF PRICES**

Schedule 91 & 95 Categories	MWH	2025 GRC Price	2024 Price	Delta Price	Delta Revenues	Percent Change of Energy Bill *
Functional Costs						
Trans. & Rel. Serv. Charge	39,825	4.77	4.13	0.64	\$25	0.48%
Distribution Charge	39,825	63.35	56.99	6.36	\$253	4.78%
Franchise Fees & Other	39,825	9.24	11.05	(1.81)	(\$72)	-1.36%
CIO	39,825	(2.01)	(3.65)	1.64	\$65	1.23%
COS Energy Charge	39,825	30.73	64.48	(33.75)	(\$1,344)	-25.38%
Schedule 125	39,825	38.47	0.00	38.47	\$1,532	28.92%
Schedule 122	39,825	0.00	0.00	0.00	\$0	0.00%
Subtotal		144.55	133.00	11.55	\$460	8.68%

Schedule 15 Categories	MWH	2025 GRC Price	2024 Price	Delta Price	Delta Revenues	Percent Change of Energy Bill*
Functional Costs						
Trans. & Rel. Serv. Charge	12,601	5.25	3.94	1.31	\$17	0.98%
Distribution Charge	12,601	55.08	52.59	2.49	\$31	1.87%
Franchise Fees & Other	12,601	8.67	0.47	8.20	\$103	6.17%
CIO	12,601	6.35	11.52	(5.17)	(\$65)	-3.89%
COS Energy Charge	12,601	30.73	64.48	(33.75)	(\$425)	-25.38%
Schedule 125	12,601	38.47	0.00	38.47	\$485	28.92%
Schedule 122	12,601	0.00	0.00	0.00	\$0	0.00%
Subtotal		144.55	133.00	11.55	\$146	8.68%

Schedule 15 T&D prices	12,601	69.00	\$869	\$6.35	\$80,016
Schedule 91 T&D prices	<u>39,825</u>	77.36	<u>\$3,081</u>	<u>(\$2.01)</u>	<u>(\$80,048)</u>
	52,426		\$3,950	\$75.35	(\$32)
Schedule 15 Generation Price	12,601	31.49	\$397	(\$0.76)	\$30.73
Schedule 91 Generation Price	<u>39,825</u>	30.49	<u>\$1,214</u>	<u>\$0.24</u>	\$30.73
	52,426		\$1,611	\$30.73	

Lighting Fixed Revenues	Proposed 2025 Revs	Current 2024 Revs	Delta Revenues	
Schedule 91	\$3,482,147	\$3,557,316	-\$75,169	-2%
Schedule 95	\$4,828,783	\$4,431,378	\$397,405	9%
Schedule 15	\$2,422,442	\$2,282,087	\$140,355	6%

PORTLAND GENERAL ELECTRIC
Proposed Schedule 123, Summary of Sales Normalization Adjustment Components

Schedule	Fixed Charge Energy Rate mills/kWh	Monthly Fixed Charge Per Customer	Monthly Secondary Fixed Charge Per Customer
7	118.90	\$93.22	\$67.12
32, 532	110.04	\$144.72	
38/538	134.51	\$790.61	

Schedule 7 Tariff Category	Price mills/kWh	2025 MWH	Revenues	Per Cust. Revenues	Monthly Revenues
Transmission & Ancillary	8.90	7,883,579	\$70,163,850	\$83.73	\$6.98
Distribution	66.76	7,883,579	\$526,307,712	\$628.09	\$52.34
Trojan Decommissioning	0.11	7,883,579	\$867,194	\$1.03	\$0.09
CIO	0.00	7,883,579	\$0	\$0.00	\$0.00
Fixed Generation	43.13	7,883,579	\$340,018,748	\$405.78	\$33.81
Totals	118.90		\$937,357,504	\$1,118.64	\$93.22
Secondary Fixed Charge (72%)		72%			\$67.12
Number of 2025 Customers	837,946				
Revenues per customer	\$1,118.64				
Monthly Revenues per customer	\$93.22				
Annual kWh per Customer	9,408				

Schedule 32 Tariff Category	Price mills/kWh	2025 MWH	Revenues	Per Cust. Revenues	Monthly Revenues
Transmission & Ancillary	7.19	1,527,980	\$10,986,173	\$113.47	\$9.46
Distribution Block 1	69.62	1,343,126	\$93,508,463	\$965.83	\$80.49
Distribution Block 2	30.00	184,853	\$5,545,592	\$57.28	\$4.77
Trojan Decommissioning	0.09	1,527,980	\$137,518	\$1.42	\$0.12
CIO	0.00	1,527,980	\$0	\$0.00	\$0.00
Fixed Generation	37.93	1,527,980	\$57,956,263	\$598.62	\$49.88
Totals	110.04		\$168,134,010	\$1,736.62	\$144.72
Number of 2025 Customers	96,817				
Revenues per customer	\$1,736.62				
Monthly Revenues per customer	\$144.72				
Annual kWh per Customer	15,782				

Schedule 38 Tariff Category	Price mills/kWh	2025 MWH	Revenues	Per Cust. Revenues	Monthly Revenues
Transmission & Ancillary	6.99	26,943	\$188,335	\$493.02	\$41.09
Distribution Block 1	99.00	26,943	\$2,667,400	\$6,982.72	\$581.89
Distribution Block 2	0.00	0	\$0	\$0.00	\$0.00
Trojan Decommissioning	0.09	26,943	\$2,425	\$6.35	\$0.53
CIO	(8.49)	26,943	(\$228,750)	(\$598.82)	(\$49.90)
Fixed Generation	36.92	26,943	\$994,752	\$2,604.06	\$217.01
Totals	134.51		\$3,624,162	\$9,487.33	\$790.61

Number of 2025 Customers 382

Revenues per customer	\$9,487.33
Monthly Revenues per customer	\$790.61
Annual kWh per Customer	70,533

Proposed Line Extension Allowances

Schedule	LEA	Notes:
Sch 32	\$0.3425	Four times annual Basic & Distribution revenues
Sch 38, 83	\$0.1461	Four times annual Basic & Distribution revenues
Sch 85 & 89 Secondary	\$0.0860	Four times annual Basic & Distribution revenues
Sch 85 & 89 Primary	\$0.0389	Four times annual Basic & Distribution revenues
Sch 15, 91 & 95	\$0.1841	Optional Schedule: Three times annual Distribution revenues
Sch 92	\$0.0477	Optional Schedule: Three times annual Distribution revenues
Sch 47 & 49	\$0.1390	Optional Schedule: One times annual Distribution revenues

Comparison of Proposed and Current LEAs

Schedule	Proposed LEA	Current LEA
Sch 15	\$ 0.1841	\$ 0.0850
Sch 32	\$ 0.3425	\$ 0.2564
Sch 38	\$ 0.1461	\$ 0.1050
Sch 47	\$ 0.1390	\$ 0.0980
Sch 49	\$ 0.1390	\$ 0.0980
Sch 83	\$ 0.1461	\$ 0.1050
Sch 85-S	\$ 0.0860	\$ 0.0778
Sch 85-P	\$ 0.0389	\$ 0.0429
Sch 89-S	\$ 0.0860	\$ 0.0778
Sch 89-P	\$ 0.0389	\$ 0.0429
Sch 91	\$ 0.1841	\$ 0.1529
Sch 92	\$ 0.0477	\$ 0.0424
Sch 95	\$ 0.1841	\$ 0.1529

Schedule	Basic Charge Revenues	Distribution Revenues	Subtotal			LEA @ Multiplier	
			Revenues	MWh	Cents/kWh	Multiplier	times cents/kWh
Sch 15	0	\$694,063	\$694,063	12,601	\$0.0551	3	\$0.1652
Sch 32	\$31,761,276	\$99,054,055	\$130,815,331	1,527,980	\$0.0856	4	\$0.3425
Sch 38	\$263,880	\$2,667,400	\$2,931,280	26,943	\$0.1088	4	\$0.4352
Sch 47	\$614,718	\$2,742,174	\$3,356,892	20,962	\$0.1601	1	\$0.1601
Sch 49	\$492,840	\$7,240,618	\$7,733,458	58,816	\$0.1315	1	\$0.1315
Sch 83	\$8,386,680	\$93,598,714	\$101,985,394	2,846,128	\$0.0358	4	\$0.1433
Sch 85-S	\$15,383,340	\$37,947,989	\$53,331,329	2,479,356	\$0.0215	4	\$0.0860
Sch 85-P	\$1,989,120	\$11,475,047	\$13,464,167	997,664	\$0.0135	4	\$0.0540
Sch 89-S	\$0	\$0	\$0	0	#DIV/0!	4	#DIV/0!
Sch 89-P	\$2,256,390	\$14,894,737	\$17,151,127	2,148,224	\$0.0080	4	\$0.0319
Sch 91	\$0	\$624,884	\$624,884	9,864	\$0.0634	3	\$0.1901
Sch 92	\$0	\$43,912	\$43,912	2,760	\$0.0159	3	\$0.0477
Sch 95	\$0	\$1,898,029	\$1,898,029	29,961	\$0.0634	3	\$0.1901

Lighting Additional O&M

	No. of Lights	Intersections
Schedule 15R	6,747	
Schedule 15C	14,336	
Schedule 91 & 95	151,172	
Schedule 92		1,248
Lights	172,255	
Intersections		1,248

Lighting Services Test Period O&M (2025 Budget forecast)

Lighting O&M	\$263,418
O&M per light	\$1.53

Design Demand per Rate Schedule

Grouping	Design	Average Customers	Design Demand	
Schedule 7 1-phase	4.0	837,946	3,351,783	
Schedule 7 3-phase	4.0	0	0	
Schedule 32 1-phase	4.5	60,910	274,095	
Schedule 32 3-phase	11.1	35,907	398,568	
Schedule 38 1-phase	42.1	93	3,915	
Schedule 38 3 phase	101.6	289	29,362	
Schedule 47 1-phase	10.4	232	2,413	
Schedule 47 3 phase	15.7	2,395	37,602	
Schedule 49 1-phase	36.9	8	295	
Schedule 49 3 phase	55.7	1,361	75,808	1.72
Schedule 83 1-phase	54.8	893	48,936	12,211,025
Schedule 83 3 phase	88.8	10,904	968,275	587,237
Schedule 85	553.0	1,698	938,718	11,619,302
				12,206,539
Commercial LTE 30 kW	Design	NCP		
1-phase	4.5	2.1		
3-phase	11.4	5.2		
Commercial 31-200 kW				
1-phase	53.5	29.6		
3-phase	85.5	48.3		
Sch 32 1-phase	10,907			
Schedule 7 per customer	9,697			
Ratio	1.12			

Contribution to 2025 System Peak by COS Rate Schedule

Schedule	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Schedule 7	1,724.0	1,675.0	1,410.0	1,195.0	1,340.0	1,706.0	1,942.0	2,013.0
Schedule 15	3.4	3.5	2.3	1.9	0.0	0.0	0.0	0.0
Schedule 32	247.5	239.4	234.7	225.1	241.1	270.3	292.4	290.0
Schedule 38	4.8	4.3	5.0	4.4	3.4	3.9	4.6	4.1
Schedule 47	1.0	1.0	1.3	1.4	4.5	6.0	8.8	8.7
Schedule 49	2.1	2.5	2.4	2.7	9.9	19.2	24.9	23.8
Schedule 83	434.6	440.2	447.9	418.6	456.6	484.1	527.5	528.1
Schedule 85	377.4	396.9	402.9	418.9	387.5	398.5	439.9	440.2
Schedule 89	131.9	142.2	148.9	147.9	149.7	150.4	149.9	154.3
Schedule 90	402.9	423.5	428.5	428.7	456.4	479.8	476.2	518.4
Schedule 91/95	9.7	10.0	6.7	5.5	0.0	0.0	0.0	0.0
Schedule 92	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
System Total	3,339.5	3,338.9	3,090.8	2,850.4	3,049.4	3,518.5	3,866.6	3,981.0

Sep	Oct	Nov	Dec	12-CP	4-CP	12-CP Percent	4-CP Percent
1,563.0	1,153.0	1,556.0	1,925.0	1,600.2	1,901.0	47.9%	51.6%
0.0	0.0	3.4	3.4	1.5	1.7	0.0%	0.0%
269.3	215.9	223.7	243.4	249.4	268.3	7.5%	7.3%
4.3	4.4	4.5	3.7	4.3	4.3	0.1%	0.1%
6.2	2.0	1.1	1.3	3.6	4.9	0.1%	0.1%
18.1	3.6	1.6	1.4	9.4	13.1	0.3%	0.4%
499.6	439.3	401.3	427.2	458.7	479.4	13.7%	13.0%
428.2	406.6	375.3	373.1	403.8	407.6	12.1%	11.1%
158.9	159.3	152.3	141.8	149.0	144.5	4.5%	3.9%
513.9	480.8	436.8	423.6	455.8	455.3	13.6%	12.4%
0.0	0.0	9.6	9.6	4.3	4.8	0.1%	0.1%
0.3	0.3	0.3	0.3	0.3	0.3	0.0%	0.0%
3,461.7	2,865.2	3,165.8	3,553.9	3,340.1	3,685.2	100.0%	100.0%

Determination of 2025 Class Non-coincident Peaks (115 kV)

Grouping	Load Factor	MWH	Load Factor times Hrs/Year	Class Peak (MW)	
Schedule 7	45.43%	8,236,773	3,980	2,069.7	2,069,674
Schedule 15	46.36%	13,130	4,061	3.2	3,233
Schedule 32	55.98%	1,591,856	4,904	324.6	324,615
Schedule 38	38.95%	28,071	3,412	8.2	8,227
Schedule 47	20.60%	22,121	1,805	12.3	12,256
Schedule 49	19.59%	61,028	1,716	35.6	35,570
Schedule 83	56.07%	2,966,716	4,911	604.0	604,046
Schedule 85	66.27%	3,619,649	5,805	623.6	623,550
Schedule 89	77.48%	3,005,536	6,787	442.8	442,825
Schedule 90	84.48%	3,768,776.376	7,400	509.3	509,291
Schedules 91 & 95	46.36%	41,498	4,061	10.2	10,218
Schedule 92	100.00%	2,876	8,760	0.3	328
Totals		23,358,030.014		4,644	

Determination of 2025 Class Non-coincident Peaks (Primary)

Grouping	Load Factor	MWH	Load Factor times Hrs/Year	Class Peak (MW)	
Schedule 7	45.43%	8,078,673.544	3,980	2,029.9	2,029,948
Schedule 15	46.36%	12,878.215	4,061	3.2	3,171
Schedule 32	55.98%	1,561,301.371	4,904	318.4	318,384
Schedule 38	38.95%	27,531.743	3,412	8.1	8,069
Schedule 47	20.60%	21,696.877	1,805	12.0	12,021
Schedule 49	19.59%	59,856.191	1,716	34.9	34,887
Schedule 83	56.07%	2,909,771.888	4,911	592.5	592,452
Schedule 85	66.27%	3,550,171.991	5,805	611.6	611,581
Schedule 89	77.48%	2,703,493.599	6,787	398.3	398,323
Schedule 90	84.48%	3,696,437.102	7,400	499.5	499,516
Schedules 91 & 95	46.36%	40,701.129	4,061	10.0	10,022
Schedule 92	100.00%	2,820.719	8,760	0.3	322
Totals		22,665,334		4,519	

Schedule Rate Class Peak per Customer

Grouping	Class Peak (MW)	Average Accounts	Peak (kW)
Schedule 7	2,029.9	837,946	2.40
Schedule 32	318.4	96,817	3.30
Schedule 38	8.1	382	21.10
Schedule 47	12.0	2,627	4.60
Schedule 49	34.9	1,369	25.50
Schedule 83	592.5	11,797	50.20
Schedule 85	611.6	1,698	360.30
Schedule 89	398.3	52	7,697.10

Customer BD	NCP	NCP
Schedule 7 1-phase	2,029.9	2.4
Schedule 7 3-phase	0	-
#####	2,029.95	

Energy	NCP
Schedule 15R	0.3970
Schedule 15C	2.7740
	3.2

Customer B Energy/cust	NCP	NCP
Schedule 32 1-phase	11,216	130.3
Schedule 32 3-phase	430,884	27,456
	985,863	188.1
	1,161,805	318.38

Energy/cust	NCP	NCP
Schedule 38 1-phase	31,236	2,905
Schedule 38 3-phase	3,468	103,677
	4,584	32,868

Energy/cust	NCP	NCP
Schedule 47 1-phase	2,784	5,098
Schedule 47 3-phase	28,740	7,578
	31,524	18,149
		19,332

Energy/cust	NCP	NCP
Schedule 49 1-phase	96	47,291
Schedule 49 3-phase	16,332	47,293
	16,428	64,366
		64,744

Energy/cust	NCP	NCP
Schedule 83 1-phase	10,716	159,246
Schedule 83 3-phase	130,848	257,940
	141,564	142,207
		2,812,578
		592.45

Employee Discount		2024	2025 Proposed	
Customers		3,071	3,071	
Total Consumption		37,616	37,616	\$ (2,047.06)
Customer Charge		\$13.00	\$15.00	
Sch 118 Charge		1.88	1.88	
Table 1 Volumetric Charge Block 1		167.39	183.27	
Table 1 Volumetric Charge Block 2		167.39	183.27	
Table 2 Volumetric Charge Block 1		160.60	176.48	
Table 2 Volumetric Charge Block 2		167.39	183.27	
Table 3 Volumetric Charge Block 1		168.18	184.03	
Table 3 Volumetric Charge Block 2		174.97	190.82	
Annual Customer Charges		\$479,076	\$552,780	
Sch 118 Charges`		\$5,773	\$5,773	
Discount	15%	(\$72,727)	(\$83,783)	
Annual Volumetric Charges				
Block 1 MWH		27,982	27,982	
Block 2 MWH		9,634	9,634	
Table 1				
Table 1 Block 1 Revenue		\$4,683,907	\$5,128,261	
Table 1 Block 2 Revenue		\$1,612,635	\$1,765,623	
Volumetric Revenue		\$6,296,542	\$6,893,884	
Table 1 Volumetric Discount		(\$944,481)	(\$1,034,083)	
Table 2				
Block 1 Revenue		\$4,493,909	\$4,938,263	
Block 2 Revenue		\$1,612,635	\$1,765,623	
Volumetric Revenue		\$6,106,544	\$6,703,887	
Discount		(\$915,982)	(\$1,005,583)	
Table 3				
Block 1 Revenue		\$4,706,013	\$5,149,527	
Block 2 Revenue		\$1,685,661	\$1,838,360	
Volumetric Revenue		\$6,391,674	\$6,987,887	
Discount		(\$958,751)	(\$1,048,183)	
Table 1		(\$1,017,209)	(\$1,117,866)	
Table 2		(\$988,709)	(\$1,089,366)	
Table 3		(\$1,031,478)	(\$1,131,966)	
Table 4		(\$1,031,478)	(\$1,131,966)	
Block 1				
Transmission		6.78	8.90	
Distribution		63.83	66.76	
Generation		88.14	43.94	
System Usage		4.61	5.22	
Schedule 125		0.00	54.42	
Schedule 143		0.00	0.00	
Schedule 145		(0.48)	(0.48)	
Schedule 102		(6.79)	(6.79)	
Schedule 105		(0.39)	0.00	
Schedule 109		7.88	7.88	
Sch 109 >1MWa		0.00	0.00	
Schedule 110		0.00	0.00	
Schedule 144		0.00	0.00	
Schedule 146		4.03	4.03	
Schedule 122a		0.00	0.00	
Schedule 122b		0.00	0.00	
Schedule 123		(0.14)	0.00	
Schedule 126		0.80	0.00	
Schedule 135		0.67	0.68	
Schedule 136		0.12	0.29	
Schedule 137		0.24	0.29	
Schedule 138		0.00	0.04	
Schedule 150		0.56	0.53	
Schedule 151		3.56	3.56	
Schedule 152		2.63	2.63	
Schedule 153		0.01	0.01	
Block 1 Total		168.18	184.03	(less Schs 109)
Block 2				
Transmission		6.78	8.90	
Distribution		63.83	66.76	
Generation		88.14	43.94	
System Usage		4.61	5.22	
Schedule 125		0.00	54.42	
Schedule 143		0.00	0.00	
Schedule 145		(0.48)	(0.48)	
Schedule 102		0.00	0.00	
Schedule 105		(0.39)	0.00	
Schedule 109		7.88	7.88	
Schedule 109 >1MWa		0.00	0.00	
Schedule 110		0.00	0.00	
Schedule 112		0.00	0.00	
Schedule 146		4.03	4.03	
Schedule 122a		0.00	0.00	
Schedule 122b		0.00	0.00	
Schedule 123		(0.14)	0.00	
Schedule 126		0.80	0.00	
Schedule 135		0.67	0.68	
Schedule 136		0.12	0.29	
Schedule 137		0.24	0.29	
Schedule 138		0.00	0.04	
Schedule 150		0.56	0.53	
Schedule 151		3.56	3.56	
Schedule 152		2.63	2.63	
Schedule 153		0.01	0.01	
Block 2 Total		174.97	190.82	(less Schs 109)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI		
1	Sept 24 D25 Forecast																																				
2	PORTLAND GENERAL ELECTRIC																																				
3	2024 Cycle Billing Determinants																																				
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
122				Calendar Energy (MWh)	486	393	576	645	1,542	1,914	3,216	3,547	1,777	812	436	577	15,921	
123																		
124				Schedule 47														
125				Customers - Single Phase	0	0	0	0	69	69	69	69	69	69	0	0	414	
126				Customers - Three Phase	0	0	0	0	520	520	520	520	520	520	0	0	3,120	
127				Energy (MWh)														
128				First 50 kWh per kW	42	31	45	48	80	110	154	156	174	101	62	54	1,058	
129				Over 50 kWh per kW	79	56	77	78	214	396	729	1,113	779	315	180	113	4,131	
130				Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0	
131				Calendar Energy (MWh)	200	143	214	227	515	609	975	1,107	555	280	231	253	5,308	
132																		
133				Schedule 49 RPA														
134				Customers - Single Phase	0	0	0	0	6	6	6	6	6	6	0	0	36	
135				Customers - Three Phase	0	0	0	0	1,035	1,035	1,035	1,035	1,035	1,035	0	0	6,210	
136				Energy (MWh)														
137				First 50 kWh per kW	148	111	171	261	603	945	1,215	1,301	1,448	780	281	193	7,458	
138				Over 50 kWh per kW	257	374	437	644	1,625	3,864	7,313	9,947	7,443	2,935	676	340	35,854	
139				Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0	
140				Calendar Energy (MWh)	667	786	1,064	1,627	3,899	5,789	9,416	9,808	5,184	2,496	911	807	42,455	
141																		
142				Schedule 49														
143				Customers - Single Phase	0	0	0	0	2	2	2	2	2	2	0	0	12	
144				Customers - Three Phase	0	0	0	0	326	326	326	326	326	326	0	0	1,956	
145				Energy (MWh)														
146				First 50 kWh per kW	74	60	89	105	178	290	375	372	427	251	125	93	2,440	
147				Over 50 kWh per kW	346	433	272	318	524	1,853	2,540	2,986	2,574	698	289	232	13,065	
148				Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0	
149				Calendar Energy (MWh)	691	797	632	760	1,230	2,581	3,218	2,928	1,749	638	395	493	16,112	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
402	Total PGE (Annual)																	
403	Customers			954,585	955,106	955,693	956,230	960,724	961,307	961,853	962,588	963,354	964,312	961,107	961,785	11,518,644	11,407,596	w/o Sch 15 cd
404	Energy (MWh)			1,946,414	1,772,628	1,680,837	1,551,671	1,475,306	1,523,717	1,611,972	1,734,375	1,685,424	1,513,584	1,574,200	1,894,363	19,964,492		
405	Facility Capacity (kW)			2,537,733	2,440,566	2,401,036	2,326,721	2,314,876	2,398,444	2,488,055	2,585,778	2,591,325	2,416,192	2,382,007	2,574,789	29,457,522		
406	Demand (kW)			1,985,724	1,919,854	1,874,908	1,828,377	1,829,876	1,921,558	1,990,894	2,091,812	2,102,063	1,941,806	1,903,900	2,033,202	23,423,775		
407	Reactive Demand (kVar)			310,360	300,495	294,829	299,873	301,374	322,393	331,409	335,679	337,502	324,742	305,532	320,963	3,785,151		
408	Calendar Energy (MWh)			1,833,954	1,643,233	1,703,751	1,537,731	1,532,722	1,526,498	1,731,764	1,759,391	1,561,196	1,591,546	1,666,198	1,922,939	20,010,920		
409																		
410																		
411																		
412	Total (VP)																	
413	Customers			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
414	Energy (MWh)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
415	Facility Capacity (kW)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
416	Demand (kW)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
417	Reactive Demand (kVar)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
418	Calendar Energy (MWh)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
419																		
420																		
421	Total Direct Access																	
422	Customers			280	280	280	280	280	280	280	280	280	280	280	280	280	3,360	
423	Energy (MWh)			192,024	183,248	182,331	185,519	187,854	193,986	201,776	204,708	206,262	202,598	197,881	202,039	2,340,238		
424	Facility Capacity (kW)			418,539	397,006	389,812	382,865	406,583	417,323	438,897	442,053	445,912	433,373	423,944	432,479	5,038,585		
425	Demand (kW)			376,448	356,544	354,760	360,445	367,047	379,551	398,111	402,767	405,779	396,422	385,984	395,459	4,579,316		
426	Reactive Demand (kVar)			105,939	100,201	102,791	102,473	101,810	105,027	120,999	108,054	108,108	107,489	104,192	105,494	1,272,577		
427	Calendar Energy (MWh)			189,927	171,823	192,832	189,946	200,349	192,690	211,505	211,485	201,012	209,174	189,095	195,658	2,355,496		
428																		
429	Total PGE & Direct Access																	
430	Customers			954,865	955,386	955,973	956,510	961,004	961,587	962,133	962,868	963,634	964,592	961,387	962,065	11,522,004		
431	Energy (MWh)			2,138,438	1,955,875	1,863,169	1,737,191	1,663,170	1,717,703	1,813,749	1,939,083	1,891,686	1,716,162	1,772,081	2,096,402	22,304,730		
432	Facility Capacity (kW)			2,956,272	2,837,572	2,790,848	2,719,587	2,721,459	2,815,767	2,926,952	3,027,831	3,037,237	2,849,564	2,805,951	3,007,268	34,496,107		
433	Demand (kW)			2,362,172	2,276,398	2,229,668	2,188,823	2,196,723	2,301,109	2,389,005	2,494,579	2,507,841	2,338,228	2,289,884	2,428,661	28,003,090		
434	Reactive Demand (kVar)			416,299	400,696	397,620	402,346	403,184	427,420	452,408	443,733	445,610	432,231	409,724	426,457	5,057,727		
435	Calendar Energy (MWh)			2,023,881	1,815,056	1,896,583	1,727,677	1,733,071	1,719,188	1,943,268	1,970,876	1,762,207	1,800,720	1,855,293	2,118,598	22,366,417		

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179			Off-peak increment	11,073	11,073	11,073	11,073	11,073	11,073	11,073	11,073	11,073	11,073	11,073	11,073	132,873	
180			Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0	
181			Calendar Energy (MWh)	201	201	201	201	201	201	201	201	201	201	201	201	2,417	
182				7,103	6,701	7,611	7,332	7,640	7,074	7,461	7,396	7,024	7,389	6,766	6,895	86,392	
183			Schedule 485P v2023														
184			Customers - Three Phase	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12	
185			Energy (MWh)														
186			On-Peak	752	750	609	2,123	837	1,116	936	638	877	628	733	699	10,698	
187			Off-Peak	560	528	466	1,506	635	797	720	478	615	475	529	493	7,801	
188			Facility Capacity (kW)														
189			First 200 kW	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000	
190			Over 200 kW	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000	
191			Demand (kW)	0	0	0	4,936	0	708	78	0	0	0	0	0	5,722	
192			On-peak														
193			Off-peak increment	2,565	2,497	2,100	7,092	2,877	3,737	3,237	2,180	2,915	2,154	2,467	2,329	36,150	
194			Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0	
195			Calendar Energy (MWh)	0	0	0	11	0	0	0	0	0	0	0	0	11	
196				1,299	1,195	1,141	3,710	1,571	1,882	1,725	1,154	1,466	1,141	1,193	1,146	18,622	
197			Schedule 489P < v2020														
198			Customers - Three Phase														
199			Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	
200			On-Peak														
201			Mid-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
202			Off-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
203			Facility Capacity (kW)														
204			First 1,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
205			Over 1,001-4,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
206			Over 4,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
207			Demand (kW)														
208			On-peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
209			Off-peak increment	0	0	0	0	0	0	0	0	0	0	0	0	0	
210			Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0	
211			Calendar Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	
212																	
213			Schedule 489P v2019														
214			Customers - Three Phase	0	0	0	0	0	0	0	0	0	0	0	0	0	
215			Energy (MWh)														
216			On-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
217			Off-Peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
218			Facility Capacity (kW)														
219			First 1,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
220			Over 1,001-4,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
221			Over 4,000 kW	0	0	0	0	0	0	0	0	0	0	0	0	0	
222			Demand (kW)														
223			On-peak	0	0	0	0	0	0	0	0	0	0	0	0	0	
224			Off-peak increment	0	0	0	0	0	0	0	0	0	0	0	0	0	
225			Reactive Demand (kVar)	0	0	0	0	0	0	0	0	0	0	0	0	0	
226			Calendar Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0	
227																	
228			Schedule 489P v2020														
229			Customers - Three Phase	1	1	1	1	1	1	1	1	1	1	1	1	12	
230			Energy (MWh)														
231			On-Peak	4,247	4,322	4,398	4,473	4,548	4,623	4,698	4,774	4,849	4,924	4,999	5,074	55,929	
232			Mid-Peak	2,992	3,045	3,098	3,151	3,204	3,257	3,310	3,363	3,416	3,469	3,522	3,575	39,405	

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Average Energy	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Schedule 7	1,196.3	1,139.9	1,007.8	862.1	767.4	794.5	922.5	924.8	775.2	806.1	1,042.4	1,288.5	960.2
Schedule 15	1.9	1.8	1.6	1.4	1.2	1.1	1.1	1.3	1.5	1.7	1.9	2.0	1.5
Schedule 32	204.9	200.5	189.7	178.8	171.8	176.2	192.6	195.0	179.9	168.5	173.9	195.6	185.6
Schedule 38	3.2	3.3	3.3	3.1	3.0	3.0	3.3	3.6	3.5	3.3	3.4	3.2	3.3
Schedule 47	1.0	0.8	1.1	1.3	2.9	3.7	6.0	6.7	3.4	1.6	1.0	1.2	2.6
Schedule 49	1.9	2.5	2.4	3.5	7.3	12.4	18.1	18.2	10.2	4.5	1.9	1.9	7.1
Schedule 83	358.2	358.2	343.0	329.5	327.4	340.3	367.3	370.4	347.3	328.5	325.7	354.2	345.8
Schedule 85	536.1	556.6	530.4	538.2	530.2	556.9	578.2	582.8	576.4	543.4	538.1	546.5	551.1
Schedule 89	423.0	453.5	420.2	434.5	436.4	453.6	437.7	433.1	451.4	445.4	457.8	450.3	441.2
Schedule 90	395.0	416.5	421.0	426.5	433.0	439.1	455.1	477.9	481.1	473.2	433.1	420.1	439.4
Schedule 91	1.5	1.4	1.2	1.1	0.9	0.8	0.9	1.0	1.2	1.3	1.5	1.6	1.2
Schedule 92	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.3
Schedule 95	4.6	4.3	3.7	3.2	2.8	2.6	2.7	3.1	3.5	4.0	4.5	4.7	3.64
TOTALS	3,128.1	3,139.8	2,925.8	2,783.3	2,684.5	2,784.4	2,985.7	3,018.0	2,835.1	2,781.9	2,985.6	3,270.1	2,943.0
Hours	744	672	743	720	744	720	744	744	720	744	721	744	8,760

Calendar Energy (MWh)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Schedule 7	836,446	719,879	703,706	583,381	536,581	537,621	645,052	646,659	524,529	563,641	706,315	900,962	7,904,773
Schedule 15	1,351	1,154	1,095	916	819	728	785	897	1,006	1,187	1,275	1,387	12,601
Schedule 32	143,252	126,604	132,444	120,962	120,112	119,213	134,652	136,337	121,718	117,794	117,856	136,750	1,527,693
Schedule 38	2,263	2,087	2,319	2,064	2,086	2,034	2,289	2,490	2,400	2,331	2,333	2,241	26,939
Schedule 47	686	536	790	872	2,056	2,523	4,191	4,654	2,332	1,092	667	830	21,230
Schedule 49	1,358	1,583	1,696	2,387	5,129	8,370	12,634	12,736	6,933	3,134	1,306	1,300	58,568
Schedule 83-S	250,433	226,227	239,490	222,940	228,891	230,299	256,848	258,965	235,002	229,712	220,682	247,648	2,847,136
Schedule 85-S 201-4,000 kW	204,767	188,294	205,011	195,386	203,011	206,124	229,096	228,400	206,109	208,197	196,629	208,010	2,479,034
Schedule 89-S GT 4 MW	0	0	0	0	0	0	0	0	0	0	0	0	0
Schedule 85-P 201-4,000 kW	171,875	164,922	167,111	170,591	169,460	172,520	177,041	180,970	185,874	173,560	169,765	175,925	2,079,614
Schedule 89-P GT 4 MW	262,619	253,278	260,199	261,379	273,474	275,224	279,971	282,356	284,917	291,119	289,766	294,537	3,308,839
Schedule 90-P	279,126	265,819	297,073	291,615	305,965	300,221	321,528	337,639	328,977	334,351	296,586	296,807	3,655,705
Schedule 89-T	36,680	36,529	36,684	36,090	35,258	35,290	29,623	23,944	24,034	23,873	23,933	23,908	365,846
Schedule 91	1,057	904	857	717	641	570	615	702	787	929	998	1,086	9,864
Schedule 92	296	253	240	201	179	160	172	197	220	260	279	304	2,760
Schedule 95	3,212	2,744	2,604	2,178	1,947	1,732	1,867	2,133	2,391	2,822	3,032	3,299	29,961
TOTALS	2,195,420	1,990,814	2,051,318	1,891,680	1,885,612	1,892,629	2,096,361	2,119,080	1,927,229	1,954,002	2,031,423	2,294,993	24,330,562

Note: Energy includes DA

Busbar Energy (MWh)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals	aMW
Schedule 7	890,012	765,981	748,771	620,741	570,944	572,050	686,361	688,071	558,120	599,736	751,547	958,660	8,410,994	960.2 8,410,994
Schedule 15	1,437	1,228	1,165	975	872	775	835	955	1,070	1,263	1,357	1,476	13,408	1.5 12,601
Schedule 32	152,426	134,711	140,925	128,709	127,804	126,847	143,275	145,069	129,512	125,337	125,404	145,507	1,625,526	185.6
Schedule 38	2,408	2,221	2,468	2,197	2,219	2,165	2,436	2,650	2,553	2,481	2,483	2,384	28,664	3.3
Schedule 47	730	570	840	928	2,188	2,685	4,459	4,952	2,482	1,162	709	883	22,589	2.6
Schedule 49	1,445	1,685	1,805	2,540	5,457	8,906	13,443	13,552	7,377	3,335	1,390	1,383	62,318	7.1
Schedule 83-S	266,470	240,715	254,827	237,217	243,549	245,048	273,296	275,549	250,052	244,423	234,814	263,508	3,029,467	345.8
Schedule 85-S 201- 4,000 kW	217,880	200,353	218,139	207,898	216,012	219,324	243,767	243,027	219,309	221,530	209,221	221,331	2,637,791	301.1
Schedule 89-S GT 4 MW	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Schedule 85-P 201-4,000 kW	180,979	173,658	175,963	179,627	178,437	181,658	186,419	190,556	195,720	182,753	178,757	185,244	2,189,772	250.0
Schedule 89-P GT 4 MW	276,530	266,694	273,982	275,224	287,960	289,802	294,801	297,312	300,009	306,540	305,115	310,139	3,484,108	397.7
Schedule 90-P	293,912	279,899	312,809	307,062	322,172	316,123	338,559	355,524	346,403	352,061	312,296	312,528	3,849,348	439.4
Schedule 89-T	38,206	38,049	38,210	37,592	36,726	36,758	30,855	24,940	25,034	24,866	24,929	24,903	381,068	43.5
Schedule 91	1,125	961	912	763	682	607	654	747	838	989	1,062	1,156	10,496	1.2
Schedule 92	315	269	255	214	191	170	183	209	234	277	297	323	2,937	0.3
Schedule 95	3,418	2,920	2,770	2,318	2,072	1,843	1,986	2,270	2,544	3,003	3,226	3,510	31,880	3.64
TOTALS	2,327,293	2,109,914	2,173,843	2,004,004	1,997,285	2,004,762	2,221,330	2,245,383	2,041,257	2,069,756	2,152,608	2,432,935	25,780,367	2,943.0
Busbar Energy (MWh) COS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals	aMW
Schedule 85	240,653	225,544	245,474	233,842	244,019	242,203	265,488	267,596	247,383	245,375	231,172	245,456	2,934,204	
Schedule 89	92,300	87,245	94,831	93,799	103,504	99,781	106,293	109,292	107,098	108,478	102,131	104,221	1,208,975	
	167,897	156,633	169,786	161,709	167,698	170,055	188,514	188,528	169,613	170,477	161,859	170,595	21,230,807	
	58,884	55,918	61,555	58,669	62,283	58,177	61,637	63,625	63,542	60,762	55,982	60,720		

Twenty Five Percent Load Factor

Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$33.00	cust.	1	\$33.00	
Transmission Charge	7.19	kWh	5,475	\$39.37	
Distribution Charge					
First 5,000 kWh	69.62	kWh	5,000	\$348.10	
Over 5,000 kWh	30.00	kWh	475	\$14.25	
System Usage Charge	4.88	kWh	5,475	\$26.72	
Energy Charges	38.73	kWh	5,475	<u>\$212.05</u>	12.30
Total Charges				<u>\$673.49</u>	
Sch 83 Secondary	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$60.00	cust.	1	\$60.00	
Transmission Charge	\$3.48	dem	30	\$104.40	
Distribution Demand Charge	\$2.11	dem	30	\$63.30	
Distribution Facilities Charge					
First 30 kW	\$6.24	fac	30	\$187.20	
Over 30 kW	\$6.14	fac	0	\$0.00	
Generation Demand Charge	9.86	dem	30	\$295.80	
System Usage Charge	10.35	kWh	5,475	\$56.67	
Energy Charges					
On-peak (64%)	30.03	kWh	3,504	\$105.23	
Off-peak (36%)	20.03	kWh	1,971	<u>\$39.48</u>	
Total Charges				<u>\$912.08</u>	16.66
Load Factor	25.00%		Percent Change		35.43%
Demand	30				
Billing Hours	730				

Thirty Percent Load Factor

Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$33.00	cust.	1	\$33.00	
Transmission Charge	7.19	kWh	6,570	\$47.24	
Distribution Charge					
First 5,000 kWh	69.62	kWh	5,000	\$348.10	
Over 5,000 kWh	30.00	kWh	1,570	\$47.10	
System Usage Charge	4.88	kWh	6,570	\$32.06	
Energy Charges	38.73	kWh	6,570	<u>\$254.46</u>	11.60
Total Charges				\$761.96	

Sch 83 Secondary	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$60.00	cust.	1	\$60.00	
Transmission Charge	\$3.48	dem	30	\$104.40	
Distribution Demand Charge	\$2.11	dem	30	\$63.30	
Distribution Facilities Charge					
First 30 kW	\$6.24	fac	30	\$187.20	
Over 30 kW	\$6.14	fac	0	\$0.00	
Generation Demand Charge	\$9.86	dem	30	\$295.80	
System Usage Charge	10.35	kWh	6,570	\$68.00	
Energy Charges					
On-peak (64%)	30.03	kWh	4,205	\$126.28	
Off-peak (36%)	20.03	kWh	2,365	<u>\$47.37</u>	
Total Charges				\$952.35	14.50
Load Factor	30.00%		Percent Change		24.99%
Demand	30				
Billing Hours	730				

Forty Percent Load Factor

Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$33.00	cust.	1	\$33.00	
Transmission Charge	7.19	kWh	8,760	\$62.98	
Distribution Charge					
First 5,000 kWh	69.62	kWh	5,000	\$348.10	
Over 5,000 kWh	30.00	kWh	3,760	\$112.80	
System Usage Charge	4.88	kWh	8,760	\$42.75	
Energy Charges	38.73	kWh	8,760	<u>\$339.27</u>	10.72
Total Charges				\$938.90	

Sch 83 Secondary	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$60.00	cust.	1	\$60.00	
Transmission Charge	\$3.48	dem	30	\$104.40	
Distribution Demand Charge	\$2.11	dem	30	\$63.30	
Distribution Facilities Charge					
First 30 kW	\$6.24	fac	30	\$187.20	
Over 30 kW	\$6.14	fac	0	\$0.00	
Generation Demand Charge	\$9.86	dem	30	\$295.80	
System Usage Charge	10.35	kWh	8,760	\$90.67	
Energy Charges					
On-peak (64%)	30.03	kWh	5,606	\$168.35	
Off-peak (36%)	20.03	kWh	3,154	<u>\$63.17</u>	
Total Charges				\$1,032.89	11.79
Load Factor	40.00%		Percent Change		10.01%
Demand	30				
Billing Hours	730				

Fifty Percent Load Factor

Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$33.00	cust.	1	\$33.00	
Transmission Charge	7.19	kWh	10,950	\$78.73	
Distribution Charge					
First 5,000 kWh	69.62	kWh	5,000	\$348.10	
Over 5,000 kWh	30.00	kWh	5,950	\$178.50	
System Usage Charge	4.88	kWh	10,950	\$53.44	
Energy Charges	38.73	kWh	10,950	<u>\$424.09</u>	10.19
Total Charges				\$1,115.86	

Sch 83 Secondary	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$60.00	cust.	1	\$60.00	
Transmission Charge	\$3.48	dem	30	\$104.40	
Distribution Demand Charge	\$2.11	dem	30	\$63.30	
Distribution Facilities Charge					
First 30 kW	\$6.24	fac	30	\$187.20	
Over 30 kW	\$6.14	fac	0	\$0.00	
Generation Demand Charge	\$9.86	dem	30	\$295.80	
System Usage Charge	10.35	kWh	10,950	\$113.33	
Energy Charges					
On-peak (64%)	30.03	kWh	7,008	\$210.45	
Off-peak (36%)	20.03	kWh	3,942	<u>\$78.96</u>	
Total Charges				\$1,113.44	10.17
Load Factor	50.00%		Percent Change		-0.22%
Demand	30				
Billing Hours	730				

Sixty Percent Load Factor

Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$33.00	cust.	1	\$33.00	
Transmission Charge	7.19	kWh	13,140	\$94.48	
Distribution Charge					
First 5,000 kWh	69.62	kWh	5,000	\$348.10	
Over 5,000 kWh	30.00	kWh	8,140	\$244.20	
System Usage Charge	4.88	kWh	13,140	\$64.12	
Energy Charges	38.73	kWh	13,140	<u>\$508.91</u>	9.84
Total Charges				\$1,292.81	

Sch 83 Secondary	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$60.00	cust.	1	\$60.00	
Transmission Charge	\$3.48	dem	30	\$104.40	
Distribution Demand Charge	\$2.11	dem	30	\$63.30	
Distribution Facilities Charge					
First 30 kW	\$6.24	fac	30	\$187.20	
Over 30 kW	\$6.14	fac	0	\$0.00	
Generation Demand Charge	\$9.86	dem	30	\$295.80	
System Usage Charge	10.35	kWh	13,140	\$136.00	
Energy Charges					
On-peak (64%)	30.03	kWh	8,410	\$252.55	
Off-peak (36%)	20.03	kWh	4,730	<u>\$94.74</u>	
Total Charges				\$1,193.99	9.09
Load Factor	60.00%		Percent Change		-7.64%
Demand	30				
Billing Hours	730				

Eighty Percent Load Factor

Sch 32	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$33.00	cust.	1	\$33.00	
Transmission Charge	7.19	kWh	17,520	\$125.97	
Distribution Charge					
First 5,000 kWh	69.62	kWh	5,000	\$348.10	
Over 5,000 kWh	30.00	kWh	12,520	\$375.60	
System Usage Charge	4.88	kWh	17,520	\$85.50	
Energy Charges	38.73	kWh	17,520	<u>\$678.55</u>	9.40
Total Charges				\$1,646.72	
Sch 83 Secondary	Prices	Units	BD	Charges	Cents/kWh
Customer Charge	\$60.00	cust.	1	\$60.00	
Transmission Charge	\$3.48	dem	30	\$104.40	
Distribution Demand Charge	\$2.11	dem	30	\$63.30	
Distribution Facilities Charge					
First 30 kW	\$6.24	fac	30	\$187.20	
Over 30 kW	\$6.14	fac	0	\$0.00	
Generation Demand Charge	\$9.86	dem	30	\$295.80	
System Usage Charge	10.35	kWh	17,520	\$181.33	
Energy Charges					
On-peak (64%)	30.03	kWh	11,213	\$336.73	
Off-peak (36%)	20.03	kWh	6,307	<u>\$126.33</u>	
Total Charges				\$1,355.09	7.73
Load Factor	80.00%		Percent Change		-17.71%
Demand	30				
Billing Hours	730				

Proposed Schedule 83 Secondary 25% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$60.00	cust.	1	\$60.00
Transmission Charge	\$3.48	dem	200	\$696.00
Distribution Demand Charge	\$2.11	dem	200	\$422.00
Distribution Facilities Charge				
First 30 kW	\$6.24	fac	30	\$187.20
Over 30 kW	\$6.14	fac	170	\$1,043.80
Generation Demand Charge	\$9.86	dem	200	\$1,972.00
System Usage Charge	10.35	kWh	36,500	\$377.78
Energy Charge				
On-peak (64%)	30.03	kWh	23,360	\$701.50
Off-peak (36%)	20.03	kWh	13,140	\$263.19
Total Charges				\$5,723.47
Revenue Delta				-2.11%

Proposed Schedule 85 Secondary 25% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$870.00	cust.	1	\$870.00
Transmission Charge	\$3.48	dem	200	\$696.00
Distribution Demand Charge	\$2.11	dem	200	\$422.00
Distribution Facilities Charge				
First 200 kW	\$2.84	fac	200	\$568.00
Over 200 kW	\$2.74	fac	0	\$0.00
Generation Demand Charge	\$11.27	dem	200	\$2,254.00
System Usage Charge	2.99	kWh	36,500	\$109.14
Energy Charge				
On-peak (64%)	29.02	kWh	23,360	\$677.91
Off-peak (36%)	19.02	kWh	13,140	\$249.92
Total Charges				\$5,846.97

Proposed Schedule 83 Secondary 40% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$60.00	cust.	1	\$60.00
Transmission Charge	\$3.48	dem	200	\$696.00
Distribution Demand Charge	\$2.11	dem	200	\$422.00
Distribution Facilities Charge				
First 30 kW	\$6.24	fac	30	\$187.20
Over 30 kW	\$6.14	fac	170	\$1,043.80
Generation Demand Charge	\$9.86	dem	200	\$1,972.00
System Usage Charge	10.35	kWh	58,400	\$604.44
Energy Charge				
On-peak (64%)	30.03	kWh	37,376	\$1,122.40
Off-peak (36%)	20.03	kWh	21,024	\$421.11
Total Charges				\$6,528.95
Revenue Delta				0.92%

Proposed Schedule 85 Secondary 40% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$870.00	cust.	1	\$870.00
Transmission Charge	\$3.48	dem	200	\$696.00
Distribution Demand Charge	\$2.11	dem	200	\$422.00
Distribution Facilities Charge				
First 200 kW	\$2.84	fac	200	\$568.00
Over 200 kW	\$2.74	fac	0	\$0.00
Generation Demand Charge	\$11.27	dem	200	\$2,254.00
System Usage Charge	2.99	kWh	58,400	\$174.62
Energy Charge				
On-peak (64%)	29.02	kWh	37,376	\$1,084.65
Off-peak (36%)	19.02	kWh	21,024	\$399.88
Total Charges				\$6,469.14

Proposed Schedule 83 Secondary 50% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$60.00	cust.	1	\$60.00
Transmission Charge	\$3.48	dem	200	\$696.00
Distribution Demand Charge	\$2.11	dem	200	\$422.00
Distribution Facilities Charge				
First 30 kW	\$6.24	fac	30	\$187.20
Over 30 kW	\$6.14	fac	170	\$1,043.80
System Usage Charge	10.35	kWh	73,000	\$755.55
Generation Demand Charge	\$9.86	dem	200	\$1,972.00
Energy Charge		kWh		
On-peak (64%)	30.03	kWh	46,720	\$1,403.00
Off-peak (36%)	20.03	kWh	26,280	\$526.39
Total Charges				\$7,065.94
Revenue Delta				2.64%

Proposed Schedule 85 Secondary 50% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$870.00	cust.	1	\$870.00
Transmission Charge	\$3.48	dem	200	\$696.00
Distribution Demand Charge	\$2.11	dem	200	\$422.00
Distribution Facilities Charge				
First 200 kW	\$2.84	fac	200	\$568.00
Over 200 kW	\$2.74	fac	0	\$0.00
Generation Demand Charge	\$11.27	dem	200	\$2,254.00
System Usage Charge	2.99	kWh	73,000	\$218.27
Energy Charge		kWh		
On-peak (64%)	29.02	kWh	46,720	\$1,355.81
Off-peak (36%)	19.02	kWh	26,280	\$499.85
Total Charges				\$6,883.93

Proposed Schedule 83 Secondary 60% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$60.00	cust.	1	\$60.00
Transmission Charge	\$3.48	dem	200	\$696.00
Distribution Demand Charge	\$2.11	dem	200	\$422.00
Distribution Facilities Charge				
First 30 kW	\$6.24	fac	30	\$187.20
Over 30 kW	\$6.14	fac	170	\$1,043.80
Generation Demand Charge	\$9.86	dem	200	\$1,972.00
System Usage Charge	10.35	kWh	87,600	\$906.66
Energy Charge		kWh		
On-peak (64%)	30.03	kWh	56,064	\$1,683.60
Off-peak (36%)	20.03	kWh	31,536	\$631.67
Total Charges				\$7,602.93
Revenue Delta				4.17%

Proposed Schedule 85 Secondary 60% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$870.00	cust.	1	\$870.00
Transmission Charge	\$3.48	dem	200	\$696.00
Distribution Demand Charge	\$2.11	dem	200	\$422.00
Distribution Facilities Charge				
First 200 kW	\$2.84	fac	200	\$568.00
Over 200 kW	\$2.74	fac	0	\$0.00
Generation Demand Charge	\$11.27	dem	200	\$2,254.00
System Usage Charge	2.99	kWh	87,600	\$261.92
Energy Charge		kWh		
On-peak (64%)	29.02	kWh	56,064	\$1,626.98
Off-peak (36%)	19.02	kWh	31,536	\$599.81
Total Charges				\$7,298.72

Proposed Schedule 83 Secondary 80% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$60.00	cust.	1	\$60.00
Transmission Charge	\$3.48	dem	200	\$696.00
Distribution Demand Charge	\$2.11	dem	200	\$422.00
Distribution Facilities Charge				
First 30 kW	\$6.24	fac	30	\$187.20
Over 30 kW	\$6.14	fac	170	\$1,043.80
Generation Demand Charge	\$9.86	dem	200	\$1,972.00
System Usage Charge	10.35	kWh	116,800	\$1,208.88
Energy Charge		kWh		
On-peak (64%)	30.03	kWh	74,752	\$2,244.80
Off-peak (36%)	20.03	kWh	42,048	\$842.22
Total Charges				\$8,676.90
Revenue Delta				6.75%

Proposed Schedule 85 Secondary 80% Load Factor

	Prices	Units	BD	Charges
Customer Charge	\$870.00	cust.	1	\$870.00
Transmission Charge	\$3.48	dem	200	\$696.00
Distribution Demand Charge	\$2.11	dem	200	\$422.00
Distribution Facilities Charge				
First 200 kW	\$2.84	fac	200	\$568.00
Over 200 kW	\$2.74	fac	0	\$0.00
Generation Demand Charge	\$11.27	dem	200	\$2,254.00
System Usage Charge	2.99	kWh	116,800	\$349.23
Energy Charge		kWh		
On-peak (64%)	29.02	kWh	74,752	\$2,169.30
Off-peak (36%)	19.02	kWh	42,048	\$799.75
Total Charges				\$8,128.29

PORTLAND GENERAL ELECTRIC
 2025 LINE LOSS PROJECTIONS

Delivery Voltage	Internal Losses	External Losses	Losses
Secondary	4.20%	2.20%	6.40%
Primary	3.09%	2.20%	5.30%
Subtransmission	1.96%	2.20%	4.16%

Category	MWh	G&T Losses	G&T MWh	115 kV Losses	115 kV MWh	Primary Losses
Residential	7,906,352	1.0640		1.0420	8,238,419	1.0220
Secondary	6,975,003	1.0640		1.0420	7,267,954	1.0220
Primary	7,331,389	1.0530		1.0309	7,558,149	1.0111
Subtransmission	244,353	1.0416		1.0196	249,135	
Lighting	42,585	1.0640		1.0420	44,374	1.0220
Totals	22,499,683				23,358,030	

For delivery voltage differentiated pricing

Category	Peak Losses
Secondary	7.37%
Primary	6.24%
Subtransmission	4.42%

Totals

Secondary peak uses 500 kVa transformer additional losses at peak loading
 Primary peak loss is from Attachment D of line loss study
 Subtransmission peak loss is from Attachment C of line loss study

tab:

Primary
MWh

8,080,287

7,128,450

7,413,075

43,522

22,665,334

check

0

RD Input Rpt: PGE Rev Req Calendar	2025
Ancillary	
03_Rate Design 2025	7,830,941
Billing	
03_Rate Design 2025	48,082,874
Consumer	
03_Rate Design 2025	141,287,748
Distribution	
03_Rate Design 2025	957,796,445
Employee Discount	
03_Rate Design 2025	1,820,545
Franchise	
03_Rate Design 2025	77,979,904
Metering	
03_Rate Design 2025	2,442,128
Production	
03_Rate Design 2025	1,738,570,007
Transmission	
03_Rate Design 2025	139,554,581
Trojan Decomissioning	
03_Rate Design 2025	1,895,772
Uncollectibles	
03_Rate Design 2025	12,160,111

Production
 Transmissi
 Distributor
Ancillary
 Metering
 Billing
 Other Cons
 Total Regu

Franchise

Uncollecti

RD Input Rpt: PGE Rev Req Calendar

Ancillary			
03_Rate Design 2025			
Billing		Base	Constable
03_Rate Design 2025		1688263.031	11421.57741
Consumer	ion	138697.0233	353.1120204
03_Rate Design 2025	1	956218.6748	363.0980777
Distribution		7830.941	
03_Rate Design 2025		2,442	
Employee Discount		48,083	
03_Rate Design 2025	sumer	141,288	
Franchise	ilated	2,982,822	\$12,138
03_Rate Design 2025			
Metering			
03_Rate Design 2025			
Production	Fees	76627.00897	311.3470028
03_Rate Design 2025			
Transmission	bles	11949.14168	48.55115055
03_Rate Design 2025			
Trojan Decomissioning			
03_Rate Design 2025			
Uncollectibles			
03_Rate Design 2025			

RD Input Rpt: PGE Rev Req Calendar

Ancillary				
03_Rate Design 2025				
Billing			Seaside	
03_Rate Design 2025	1699685	1699684608	38885.4	1738570
Consumer	139050.1	139050135	504.4457	139554.6
03_Rate Design 2025	956581.8	956581773	1214.672	957796.4
Distribution	7830.941	7830941	0	7830.941
03_Rate Design 2025	2442.128	2442128.05	0	2442.128
Employee Discount	48082.87	48082873.9	0	48082.87
03_Rate Design 2025	141287.7	141287748	0	141287.7
Franchise	2994960	2994960208	40604.52	3035565
03_Rate Design 2025				
Metering				
03_Rate Design 2025				
Production	76938.36	76938356	1041.548	77979.9
03_Rate Design 2025		0		
Transmission	11997.69	11997692.8	162.4181	12160.11
03_Rate Design 2025				
Trojan Decomissioning				
03_Rate Design 2025				
Uncollectibles				
03_Rate Design 2025				

RD Input Rpt: PGE Rev Req Calendar

Ancillary	
03_Rate Design 2025	
Billing	
03_Rate Design 2025	1738570007
Consumer	139554581
03_Rate Design 2025	957796445
Distribution	7830941
03_Rate Design 2025	2442128.05
Employee Discount	48082873.9
03_Rate Design 2025	141287748
Franchise	3035564724
03_Rate Design 2025	
Metering	
03_Rate Design 2025	
Production	77979904.5
03_Rate Design 2025	
Transmission	12160110.9
03_Rate Design 2025	
Trojan Decomissioning	
03_Rate Design 2025	
Uncollectibles	
03_Rate Design 2025	

Template Rpt: PGE Rev Req Cycle	
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Oregon

Ancillary

03_Rate Design 2025

Billing

03_Rate Design 2025

Consumer

03_Rate Design 2025

Distribution

03_Rate Design 2025

Employee Discount

03_Rate Design 2025

Franchise

03_Rate Design 2025

Metering

03_Rate Design 2025

Production

03_Rate Design 2025

Transmission

03_Rate Design 2025

Trojan Decommissioning

03_Rate Design 2025

Uncollectibles

03_Rate Design 2025

CMN - Rate Code	RD Phase	Billing	Consumer Service	Feeder Backbone	Feeder Local Facilities
Schedule 15	N/A				
Schedule 15	Single Phase			43.89	52.03
Schedule 15 Com	N/A		1.53		
Schedule 15 Com	Single Phase	1.38		43.89	52.03
Schedule 15 Res	N/A		1.53		
Schedule 15 Res	Single Phase	1.79		43.89	52.03
Schedule 32	N/A				
Schedule 32	Single Phase	20.75		50.12	78.67
Schedule 32	Three Phase	20.75		50.12	21.01
Schedule 38	N/A				
Schedule 38	Single Phase	20.41		52.07	93.12
Schedule 38	Three Phase	20.41		52.07	23.35
Schedule 47	N/A				
Schedule 47	Single Phase	18.38		50.12	73.97
Schedule 47	Three Phase	18.38		50.12	19.75
Schedule 49	N/A				
Schedule 49	Single Phase	24.96		52.07	89.70
Schedule 49	Three Phase	24.96		52.07	22.49
Schedule 7	N/A				
Schedule 7	Single Phase	22.59		40.80	52.10
Schedule 7	Three Phase	22.59		40.80	52.10
Schedule 83-S	N/A				
Schedule 83-S	Single Phase	30.19		52.07	93.12
Schedule 83-S	Three Phase	30.19		52.07	23.35
Schedule 85	N/A				
Schedule 85	Three Phase			42.18	7.37
Schedule 85-P	N/A				
Schedule 85-P	Single Phase	36.47			
Schedule 85-P	Three Phase	36.47		42.18	7.37
Schedule 85-S	N/A				
Schedule 85-S	Single Phase	36.47			
Schedule 85-S	Three Phase	36.47		42.18	7.37
Schedule 89	N/A				
Schedule 89-P	N/A				
Schedule 89-P	Three Phase	18.65		104,332.00	
Schedule 89-T	N/A				
Schedule 89-T	Three Phase	18.65		93,301.00	
Schedule 90-P	N/A				
Schedule 90-P	Three Phase	20.14		491,171.00	
Schedule 91	N/A				
Schedule 91/95	N/A		1.53		
Schedule 91/95	Single Phase	149.74		43.89	54.88
Schedule 92	N/A				
Schedule 92	Single Phase	142.95			
Schedule 92	Three Phase			43.89	19.25
Schedule 95	N/A				

CMN - Rate Code	RD Phase	Metering	Meters	Other	Service & Trans.
Schedule 15	N/A				
Schedule 15	Single Phase				3.28
Schedule 15 Com	N/A				
Schedule 15 Com	Single Phase			0.83	3.28
Schedule 15 Res	N/A				
Schedule 15 Res	Single Phase			0.83	3.28
Schedule 32	N/A				
Schedule 32	Single Phase	0.50	43.59	72.23	232.99
Schedule 32	Three Phase	0.50	61.01	72.23	317.24
Schedule 38	N/A				
Schedule 38	Single Phase	1.99	50.04	453.23	224.52
Schedule 38	Three Phase	1.99	100.38	453.23	745.21
Schedule 47	N/A				
Schedule 47	Single Phase	0.68	50.54	81.49	34.20
Schedule 47	Three Phase	0.68	70.05	81.49	50.84
Schedule 49	N/A				
Schedule 49	Single Phase	0.77	50.54	422.68	317.26
Schedule 49	Three Phase	0.77	60.83	422.68	317.27
Schedule 7	N/A				
Schedule 7	Single Phase	0.25	21.08	37.16	116.40
Schedule 7	Three Phase	0.25	47.38	37.16	154.70
Schedule 83-S	N/A				
Schedule 83-S	Single Phase	1.55	50.54	651.31	516.67
Schedule 83-S	Three Phase	1.55	105.82	651.31	1,282.21
Schedule 85	N/A				
Schedule 85	Three Phase				
Schedule 85-P	N/A				
Schedule 85-P	Single Phase	2.80		2,380.21	
Schedule 85-P	Three Phase	2.80	1,795.89	2,380.21	
Schedule 85-S	N/A				
Schedule 85-S	Single Phase	2.80		2,380.21	
Schedule 85-S	Three Phase	2.80	113.81	2,380.21	2,893.64
Schedule 89	N/A				
Schedule 89-P	N/A				
Schedule 89-P	Three Phase	0.15	1,896.75	17,382.70	
Schedule 89-T	N/A				
Schedule 89-T	Three Phase	0.15	17,623.44	17,382.70	
Schedule 90-P	N/A				
Schedule 90-P	Three Phase	0.15	1,896.75	80,922.59	
Schedule 91	N/A				
Schedule 91/95	N/A				
Schedule 91/95	Single Phase			0.83	3.28
Schedule 92	N/A				
Schedule 92	Single Phase				6.33
Schedule 92	Three Phase			0.83	
Schedule 95	N/A				

CMN - Rate Code	RD Phase	Substation	Subtransmission	Uncollectibles
Schedule 15	N/A	15.88	1.33	
Schedule 15	Single Phase			
Schedule 15 Com	N/A	15.88	1.33	
Schedule 15 Com	Single Phase	15.88	1.33	0.00
Schedule 15 Res	N/A	15.88	1.33	
Schedule 15 Res	Single Phase	15.88	1.33	0.00
Schedule 32	N/A	15.88	1.33	
Schedule 32	Single Phase			0.04
Schedule 32	Three Phase			0.03
Schedule 38	N/A	15.88	1.33	
Schedule 38	Single Phase			0.00
Schedule 38	Three Phase			0.00
Schedule 47	N/A	15.88	1.33	
Schedule 47	Single Phase			0.00
Schedule 47	Three Phase			0.00
Schedule 49	N/A	15.88	1.33	
Schedule 49	Single Phase			
Schedule 49	Three Phase			0.00
Schedule 7	N/A	15.88	1.33	
Schedule 7	Single Phase			0.89
Schedule 7	Three Phase			
Schedule 83-S	N/A	15.88	1.33	
Schedule 83-S	Single Phase			0.00
Schedule 83-S	Three Phase			0.03
Schedule 85	N/A	15.88	1.33	
Schedule 85	Three Phase			
Schedule 85-P	N/A	15.88	1.33	
Schedule 85-P	Single Phase			
Schedule 85-P	Three Phase			0.00
Schedule 85-S	N/A	15.88	1.33	
Schedule 85-S	Single Phase			
Schedule 85-S	Three Phase			0.01
Schedule 89	N/A	15.88	1.33	
Schedule 89-P	N/A	15.88	1.33	
Schedule 89-P	Three Phase			
Schedule 89-T	N/A	15.88	1.33	
Schedule 89-T	Three Phase			
Schedule 90-P	N/A	15.88	1.33	
Schedule 90-P	Three Phase			
Schedule 91	N/A	15.88	1.33	
Schedule 91/95	N/A	15.88	1.33	
Schedule 91/95	Single Phase			0.00
Schedule 92	N/A	15.88	1.33	
Schedule 92	Single Phase			
Schedule 92	Three Phase			
Schedule 95	N/A	15.88	1.33	

CMN - Rate Code	RD - RD Inputs	Dec - 2025
Any	NVPC Revenue Requirement	969,895,043
Schedule 15	Franchise Fees	108
Schedule 32	Franchise Fees	7,149
Schedule 38	Franchise Fees	135
Schedule 47	Franchise Fees	147
Schedule 49	Franchise Fees	370
Schedule 7	Franchise Fees	38,632
Schedule 83-S	Franchise Fees	10,173
Schedule 85-P	Franchise Fees	2,268
Schedule 85-S	Franchise Fees	5,812
Schedule 89-P	Franchise Fees	2,421
Schedule 89-T	Franchise Fees	287
Schedule 90-P	Franchise Fees	7,604
Schedule 91/95	Franchise Fees	355
Schedule 92	Franchise Fees	7
Schedule 15	Load Factor Percentage	46.4%
Schedule 15 Com	Load Factor Percentage	46.4%
Schedule 15 Res	Load Factor Percentage	46.4%
Schedule 32	Load Factor Percentage	56.0%
Schedule 38	Load Factor Percentage	38.9%
Schedule 47	Load Factor Percentage	20.6%
Schedule 49	Load Factor Percentage	19.6%
Schedule 7	Load Factor Percentage	45.4%
Schedule 83-S	Load Factor Percentage	56.1%
Schedule 85	Load Factor Percentage	66.3%
Schedule 85-P	Load Factor Percentage	66.3%
Schedule 85-S	Load Factor Percentage	66.3%
Schedule 89	Load Factor Percentage	77.5%
Schedule 89-P	Load Factor Percentage	77.5%
Schedule 89-T	Load Factor Percentage	77.5%
Schedule 90-P	Load Factor Percentage	84.5%
Schedule 91/95	Load Factor Percentage	46.4%
Schedule 92	Load Factor Percentage	100.0%
Schedule 15	Load Following Allocation MWh	
Schedule 32	Load Following Allocation MWh	
Schedule 38	Load Following Allocation MWh	
Schedule 47	Load Following Allocation MWh	
Schedule 49	Load Following Allocation MWh	
Schedule 7	Load Following Allocation MWh	
Schedule 83-S	Load Following Allocation MWh	
Schedule 85	Load Following Allocation MWh	
Schedule 89	Load Following Allocation MWh	
Schedule 90-P	Load Following Allocation MWh	
Schedule 91/95	Load Following Allocation MWh	
Schedule 92	Load Following Allocation MWh	
Schedule 15	Load Following Allocation Price	4.89
Schedule 32	Load Following Allocation Price	4.89
Schedule 38	Load Following Allocation Price	4.89
Schedule 47	Load Following Allocation Price	4.89
Schedule 49	Load Following Allocation Price	4.89
Schedule 7	Load Following Allocation Price	4.89

CMN - Rate Code	RD - RD Inputs	Dec - 2025
Schedule 83-S	Load Following Allocation Price	4.89
Schedule 85	Load Following Allocation Price	4.89
Schedule 89	Load Following Allocation Price	4.89
Schedule 90-P	Load Following Allocation Price	4.89
Schedule 91/95	Load Following Allocation Price	4.89
Schedule 92	Load Following Allocation Price	4.89
Schedule 15	Marginal Capacity Costs	
Schedule 32	Marginal Capacity Costs	
Schedule 38	Marginal Capacity Costs	
Schedule 47	Marginal Capacity Costs	
Schedule 49	Marginal Capacity Costs	
Schedule 7	Marginal Capacity Costs	
Schedule 83-S	Marginal Capacity Costs	
Schedule 85	Marginal Capacity Costs	
Schedule 89	Marginal Capacity Costs	
Schedule 90-P	Marginal Capacity Costs	
Schedule 91/95	Marginal Capacity Costs	
Schedule 92	Marginal Capacity Costs	
Schedule 7	Marginal Energy Costs	
Schedule 15	Marginal Energy Costs	
Schedule 32	Marginal Energy Costs	
Schedule 38	Marginal Energy Costs	
Schedule 47	Marginal Energy Costs	
Schedule 49	Marginal Energy Costs	
Schedule 83-S	Marginal Energy Costs	
Schedule 85	Marginal Energy Costs	
Schedule 89	Marginal Energy Costs	
Schedule 90-P	Marginal Energy Costs	
Schedule 91/95	Marginal Energy Costs	
Schedule 92	Marginal Energy Costs	
Schedule 15	Marginal Trans Cost	87.3
Schedule 32	Marginal Trans Cost	87.3
Schedule 38	Marginal Trans Cost	87.3
Schedule 47	Marginal Trans Cost	87.3
Schedule 49	Marginal Trans Cost	87.3
Schedule 7	Marginal Trans Cost	87.3
Schedule 83-S	Marginal Trans Cost	87.3
Schedule 85	Marginal Trans Cost	87.3
Schedule 85-P	Marginal Trans Cost	87.3
Schedule 89	Marginal Trans Cost	87.3
Schedule 89-P	Marginal Trans Cost	87.3
Schedule 90-P	Marginal Trans Cost	87.3
Schedule 91/95	Marginal Trans Cost	87.3
Schedule 92	Marginal Trans Cost	87.3
Schedule 38	On/Mid TOU Differential	
Schedule 83-S	On/Mid TOU Differential	
Schedule 85-P	On/Mid TOU Differential	
Schedule 85-S	On/Mid TOU Differential	
Schedule 89-P	On/Mid TOU Differential	
Schedule 89-S	On/Mid TOU Differential	
Schedule 89-T	On/Mid TOU Differential	

CMN - Rate Code	RD - RD Inputs	Dec - 2025
Schedule 38	Mid/Off TOU Differential	
Schedule 83-S	Mid/Off TOU Differential	
Schedule 85-P	Mid/Off TOU Differential	
Schedule 85-S	Mid/Off TOU Differential	
Schedule 89-P	Mid/Off TOU Differential	
Schedule 89-S	Mid/Off TOU Differential	
Schedule 89-T	Mid/Off TOU Differential	
Schedule 15	Peak	3.4
Schedule 32	Peak	261.7
Schedule 38	Peak	3.9
Schedule 47	Peak	1.1
Schedule 49	Peak	1.7
Schedule 7	Peak	1,968.3
Schedule 83-S	Peak	449.7
Schedule 85	Peak	386.9
Schedule 89	Peak	138.8
Schedule 90-P	Peak	461.5
Schedule 91/95	Peak	9.6
Schedule 92	Peak	0.3
Schedule 15	Luminaires & Poles	2,422,442
Schedule 91/95	Luminaires & Poles	8,310,931
Schedule 15 Com	No. of Lights	14,336
Schedule 15 Res	No. of Lights	6,747
Schedule 91/95	No. of Lights	151,172
Schedule 92	Intersections	1,248

CMN - Rate Code	RD - RD Inputs
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CMN - Rate Code	RD - RD Inputs	Base	Constable		
Any	NVPC Revenue Requirement				
Schedule 15	Franchise Fees				
Schedule 32	Franchise Fees				
Schedule 38	Franchise Fees				
Schedule 47	Franchise Fees				
Schedule 49	Franchise Fees	988962.0401	-6462.8	982499.2	982499236.3
Schedule 7	Franchise Fees				
Schedule 83-S	Franchise Fees				
Schedule 85-P	Franchise Fees				
Schedule 85-S	Franchise Fees				
Schedule 89-P	Franchise Fees				
Schedule 89-T	Franchise Fees				
Schedule 90-P	Franchise Fees				
Schedule 91/95	Franchise Fees				
Schedule 92	Franchise Fees				
Schedule 15	Load Factor Percentage				
Schedule 15 Com	Load Factor Percentage				
Schedule 15 Res	Load Factor Percentage				
Schedule 32	Load Factor Percentage				
Schedule 38	Load Factor Percentage				
Schedule 47	Load Factor Percentage				
Schedule 49	Load Factor Percentage				
Schedule 7	Load Factor Percentage				
Schedule 83-S	Load Factor Percentage				
Schedule 85	Load Factor Percentage				
Schedule 85-P	Load Factor Percentage				
Schedule 85-S	Load Factor Percentage				
Schedule 89	Load Factor Percentage				
Schedule 89-P	Load Factor Percentage				
Schedule 89-T	Load Factor Percentage				
Schedule 90-P	Load Factor Percentage				
Schedule 91/95	Load Factor Percentage				
Schedule 92	Load Factor Percentage				
Schedule 15	Load Following Allocation MWh				
Schedule 32	Load Following Allocation MWh				
Schedule 38	Load Following Allocation MWh				
Schedule 47	Load Following Allocation MWh				
Schedule 49	Load Following Allocation MWh				
Schedule 7	Load Following Allocation MWh				
Schedule 83-S	Load Following Allocation MWh				
Schedule 85	Load Following Allocation MWh				
Schedule 89	Load Following Allocation MWh				
Schedule 90-P	Load Following Allocation MWh				
Schedule 91/95	Load Following Allocation MWh				
Schedule 92	Load Following Allocation MWh				
Schedule 15	Load Following Allocation Price				
Schedule 32	Load Following Allocation Price				
Schedule 38	Load Following Allocation Price				
Schedule 47	Load Following Allocation Price				
Schedule 49	Load Following Allocation Price				
Schedule 7	Load Following Allocation Price				

CMN - Rate Code	RD - RD Inputs
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Schedule 83-S	Load Following Allocation Price
Schedule 85	Load Following Allocation Price
Schedule 89	Load Following Allocation Price
Schedule 90-P	Load Following Allocation Price
Schedule 91/95	Load Following Allocation Price
Schedule 92	Load Following Allocation Price
Schedule 15	Marginal Capacity Costs
Schedule 32	Marginal Capacity Costs
Schedule 38	Marginal Capacity Costs
Schedule 47	Marginal Capacity Costs
Schedule 49	Marginal Capacity Costs
Schedule 7	Marginal Capacity Costs
Schedule 83-S	Marginal Capacity Costs
Schedule 85	Marginal Capacity Costs
Schedule 89	Marginal Capacity Costs
Schedule 90-P	Marginal Capacity Costs
Schedule 91/95	Marginal Capacity Costs
Schedule 92	Marginal Capacity Costs
Schedule 7	Marginal Energy Costs
Schedule 15	Marginal Energy Costs
Schedule 32	Marginal Energy Costs
Schedule 38	Marginal Energy Costs
Schedule 47	Marginal Energy Costs
Schedule 49	Marginal Energy Costs
Schedule 83-S	Marginal Energy Costs
Schedule 85	Marginal Energy Costs
Schedule 89	Marginal Energy Costs
Schedule 90-P	Marginal Energy Costs
Schedule 91/95	Marginal Energy Costs
Schedule 92	Marginal Energy Costs
Schedule 15	Marginal Trans Cost
Schedule 32	Marginal Trans Cost
Schedule 38	Marginal Trans Cost
Schedule 47	Marginal Trans Cost
Schedule 49	Marginal Trans Cost
Schedule 7	Marginal Trans Cost
Schedule 83-S	Marginal Trans Cost
Schedule 85	Marginal Trans Cost
Schedule 85-P	Marginal Trans Cost
Schedule 89	Marginal Trans Cost
Schedule 89-P	Marginal Trans Cost
Schedule 90-P	Marginal Trans Cost
Schedule 91/95	Marginal Trans Cost
Schedule 92	Marginal Trans Cost
Schedule 38	On/Mid TOU Differential
Schedule 83-S	On/Mid TOU Differential
Schedule 85-P	On/Mid TOU Differential
Schedule 85-S	On/Mid TOU Differential
Schedule 89-P	On/Mid TOU Differential
Schedule 89-S	On/Mid TOU Differential
Schedule 89-T	On/Mid TOU Differential

CMN - Rate Code	RD - RD Inputs
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Schedule 38 Mid/Off TOU Differential
 Schedule 83-S Mid/Off TOU Differential
 Schedule 85-P Mid/Off TOU Differential
 Schedule 85-S Mid/Off TOU Differential
 Schedule 89-P Mid/Off TOU Differential
 Schedule 89-S Mid/Off TOU Differential
 Schedule 89-T Mid/Off TOU Differential

Schedule 15 Peak
 Schedule 32 Peak
 Schedule 38 Peak
 Schedule 47 Peak
 Schedule 49 Peak
 Schedule 7 Peak
 Schedule 83-S Peak
 Schedule 85 Peak
 Schedule 89 Peak
 Schedule 90-P Peak
 Schedule 91/95 Peak
 Schedule 92 Peak

Schedule 15 Luminaires & Poles
 Schedule 91/95 Luminaires & Poles
 Schedule 15 Com No. of Lights
 Schedule 15 Res No. of Lights
 Schedule 91/95 No. of Lights
 Schedule 92 Intersections

CMN - Rate Code	RD - RD Inputs
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Any	NVPC Revenue Requirement			
Schedule 15	Franchise Fees			
Schedule 32	Franchise Fees			
Schedule 38	Franchise Fees			
Schedule 47	Franchise Fees			
Schedule 49	Franchise Fees			
Schedule 7	Franchise Fees			
Schedule 83-S	Franchise Fees			
Schedule 85-P	Franchise Fees			
Schedule 85-S	Franchise Fees			
Schedule 89-P	Franchise Fees			
Schedule 89-T	Franchise Fees			
Schedule 90-P	Franchise Fees			
Schedule 91/95	Franchise Fees			
Schedule 92	Franchise Fees			
Schedule 15	Load Factor Percentage			
Schedule 15 Com	Load Factor Percentage			
Schedule 15 Res	Load Factor Percentage			
Schedule 32	Load Factor Percentage			
Schedule 38	Load Factor Percentage			
Schedule 47	Load Factor Percentage			
Schedule 49	Load Factor Percentage			
Schedule 7	Load Factor Percentage			
Schedule 83-S	Load Factor Percentage			
Schedule 85	Load Factor Percentage			
Schedule 85-P	Load Factor Percentage			
Schedule 85-S	Load Factor Percentage			
Schedule 89	Load Factor Percentage			
Schedule 89-P	Load Factor Percentage			
Schedule 89-T	Load Factor Percentage			
Schedule 90-P	Load Factor Percentage			
Schedule 91/95	Load Factor Percentage			
Schedule 92	Load Factor Percentage			
Schedule 15	Load Following Allocation MWh			
Schedule 32	Load Following Allocation MWh			
Schedule 38	Load Following Allocation MWh			
Schedule 47	Load Following Allocation MWh			
Schedule 49	Load Following Allocation MWh			
Schedule 7	Load Following Allocation MWh			
Schedule 83-S	Load Following Allocation MWh			
Schedule 85	Load Following Allocation MWh			
Schedule 89	Load Following Allocation MWh			
Schedule 90-P	Load Following Allocation MWh			
Schedule 91/95	Load Following Allocation MWh			
Schedule 92	Load Following Allocation MWh			
Schedule 15	Load Following Allocation Price			
Schedule 32	Load Following Allocation Price			
Schedule 38	Load Following Allocation Price			
Schedule 47	Load Following Allocation Price			
Schedule 49	Load Following Allocation Price			
Schedule 7	Load Following Allocation Price			

Seaside

-12604.2 969895 969895042.5

CMN - Rate Code	RD - RD Inputs
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Schedule 83-S	Load Following Allocation Price
Schedule 85	Load Following Allocation Price
Schedule 89	Load Following Allocation Price
Schedule 90-P	Load Following Allocation Price
Schedule 91/95	Load Following Allocation Price
Schedule 92	Load Following Allocation Price
Schedule 15	Marginal Capacity Costs
Schedule 32	Marginal Capacity Costs
Schedule 38	Marginal Capacity Costs
Schedule 47	Marginal Capacity Costs
Schedule 49	Marginal Capacity Costs
Schedule 7	Marginal Capacity Costs
Schedule 83-S	Marginal Capacity Costs
Schedule 85	Marginal Capacity Costs
Schedule 89	Marginal Capacity Costs
Schedule 90-P	Marginal Capacity Costs
Schedule 91/95	Marginal Capacity Costs
Schedule 92	Marginal Capacity Costs
Schedule 7	Marginal Energy Costs
Schedule 15	Marginal Energy Costs
Schedule 32	Marginal Energy Costs
Schedule 38	Marginal Energy Costs
Schedule 47	Marginal Energy Costs
Schedule 49	Marginal Energy Costs
Schedule 83-S	Marginal Energy Costs
Schedule 85	Marginal Energy Costs
Schedule 89	Marginal Energy Costs
Schedule 90-P	Marginal Energy Costs
Schedule 91/95	Marginal Energy Costs
Schedule 92	Marginal Energy Costs
Schedule 15	Marginal Trans Cost
Schedule 32	Marginal Trans Cost
Schedule 38	Marginal Trans Cost
Schedule 47	Marginal Trans Cost
Schedule 49	Marginal Trans Cost
Schedule 7	Marginal Trans Cost
Schedule 83-S	Marginal Trans Cost
Schedule 85	Marginal Trans Cost
Schedule 85-P	Marginal Trans Cost
Schedule 89	Marginal Trans Cost
Schedule 89-P	Marginal Trans Cost
Schedule 90-P	Marginal Trans Cost
Schedule 91/95	Marginal Trans Cost
Schedule 92	Marginal Trans Cost
Schedule 38	On/Mid TOU Differential
Schedule 83-S	On/Mid TOU Differential
Schedule 85-P	On/Mid TOU Differential
Schedule 85-S	On/Mid TOU Differential
Schedule 89-P	On/Mid TOU Differential
Schedule 89-S	On/Mid TOU Differential
Schedule 89-T	On/Mid TOU Differential

CMN - Rate Code	RD - RD Inputs
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Schedule 38 Mid/Off TOU Differential
 Schedule 83-S Mid/Off TOU Differential
 Schedule 85-P Mid/Off TOU Differential
 Schedule 85-S Mid/Off TOU Differential
 Schedule 89-P Mid/Off TOU Differential
 Schedule 89-S Mid/Off TOU Differential
 Schedule 89-T Mid/Off TOU Differential

Schedule 15 Peak
 Schedule 32 Peak
 Schedule 38 Peak
 Schedule 47 Peak
 Schedule 49 Peak
 Schedule 7 Peak
 Schedule 83-S Peak
 Schedule 85 Peak
 Schedule 89 Peak
 Schedule 90-P Peak
 Schedule 91/95 Peak
 Schedule 92 Peak

Schedule 15 Luminaires & Poles
 Schedule 91/95 Luminaires & Poles
 Schedule 15 Com No. of Lights
 Schedule 15 Res No. of Lights
 Schedule 91/95 No. of Lights
 Schedule 92 Intersections

CMN - Rate Code	RD - RD Inputs	Oct - 2025	Nov - 2025	Dec - 2025
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Schedule 15	Peak
Schedule 32	Peak
Schedule 38	Peak
Schedule 47	Peak
Schedule 49	Peak
Schedule 7	Peak
Schedule 83-S	Peak
Schedule 85	Peak
Schedule 89	Peak
Schedule 90-P	Peak
Schedule 91/95	Peak
Schedule 92	Peak

CMN - Rate Code	RD - Statistic	Dec - 2025
N/A	12CP	
Schedule 15	12CP	
Schedule 32	12CP	
Schedule 38	12CP	
Schedule 47	12CP	
Schedule 49	12CP	
Schedule 7	12CP	
Schedule 83-S	12CP	
Schedule 85	12CP	
Schedule 89	12CP	
Schedule 90-P	12CP	
Schedule 91/95	12CP	
Schedule 92	12CP	
N/A	12CP Percent	
Schedule 15	12CP Percent	
Schedule 32	12CP Percent	
Schedule 38	12CP Percent	
Schedule 47	12CP Percent	
Schedule 49	12CP Percent	
Schedule 7	12CP Percent	
Schedule 83-S	12CP Percent	
Schedule 85	12CP Percent	
Schedule 89	12CP Percent	
Schedule 90-P	12CP Percent	
Schedule 91/95	12CP Percent	
Schedule 92	12CP Percent	
N/A	4CP	
Schedule 15	4CP	
Schedule 32	4CP	
Schedule 38	4CP	
Schedule 47	4CP	
Schedule 49	4CP	
Schedule 7	4CP	
Schedule 83-S	4CP	
Schedule 85	4CP	
Schedule 89	4CP	
Schedule 90-P	4CP	
Schedule 91/95	4CP	
Schedule 92	4CP	
N/A	4CP Percent	
Schedule 15	4CP Percent	
Schedule 32	4CP Percent	
Schedule 38	4CP Percent	
Schedule 47	4CP Percent	
Schedule 49	4CP Percent	
Schedule 7	4CP Percent	
Schedule 83-S	4CP Percent	
Schedule 85	4CP Percent	
Schedule 89	4CP Percent	
Schedule 90-P	4CP Percent	
Schedule 91/95	4CP Percent	
Schedule 92	4CP Percent	

CMN - Rate Code	RD - Phase	User Specified Scenario List	Design Demand	
Schedule 15 Com	Single Phase	03_Rate Design 2025	2,890.00	2,956.00
Schedule 15 Res	Single Phase	03_Rate Design 2025	404.00	413.00
Schedule 32	Single Phase	03_Rate Design 2025	4.50	4.50
Schedule 32	Three Phase	03_Rate Design 2025	11.10	11.10
Schedule 38	Single Phase	03_Rate Design 2025	42.10	42.10
Schedule 38	Three Phase	03_Rate Design 2025	101.60	101.60
Schedule 47	Single Phase	03_Rate Design 2025	10.40	10.40
Schedule 47	Three Phase	03_Rate Design 2025	15.70	15.70
Schedule 49	Single Phase	03_Rate Design 2025	36.90	36.90
Schedule 49	Three Phase	03_Rate Design 2025	55.70	55.70
Schedule 7	Single Phase	03_Rate Design 2025	4.00	4.00
Schedule 7	Three Phase	03_Rate Design 2025	4.00	4.00
Schedule 83-S	Single Phase	03_Rate Design 2025	55.30	55.30
Schedule 83-S	Three Phase	03_Rate Design 2025	89.40	89.40
Schedule 85	Three Phase	03_Rate Design 2025	565.70	565.70

RD - Votlage	RD - Losses Inputs	Dec - 2025
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Primary	External Losses	0.02204
Secondary	External Losses	0.02204
Subtransmission	External Losses	0.02204
Primary	Internal Losses	0.03093
Secondary	Internal Losses	0.04200
Subtransmission	Internal Losses	0.01957
Primary	Peak Losses	0.06240
Secondary	Peak Losses	0.07370
Subtransmission	Peak Losses	0.04420

Intelligent Investment

North America Data Center Trends H2 2023

Technological innovation is driving record demand despite power constraints.

March 6, 2024 10 Minute Read



Notable H2 2023 Investment Activity

State of the Market

- In 2023, primary market supply grew 26% year-over-year to 5,174.1 MW.
- An all-time high of 3,077.8 MW was under construction in primary markets, a 46% year-over-year increase. Construction increased most in Atlanta, growing by 211% to 732.6 MW under construction.
- The average monthly asking rate for a 250- to 500-kW requirement across primary markets increased by 18.6% year-over-year, to \$163.44 per kW/month. Northern Virginia had a 42% year-over-year price increase, the largest among primary markets.
- Preleasing activity in primary markets is strengthening, with 2,553.1 MW (83%) of the 3,077.8 MW under construction preleased. Cloud providers continue to lease most available power capacity, but artificial intelligence (AI) is also driving significant demand.
- The overall vacancy rate for primary markets remains near a record low, at 3.7%. With few relocation options, most tenants are renewing existing leases rather than seeking new facilities.

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Market	Inventory (MW)	Y-o-Y Change (MW)	Available MW/Vacancy Rate	Y-o-Y Change* (bps)	2023 Net Absorption (MW)	Y-o-Y Change (MW)	Rental Rates (kW/mo)**
Northern Virginia	2,499.1	▲ 439.0	34.7 / 1.4%	▲ 41	424.4	▼ -12.5	\$150-\$190
Dallas-Ft. Worth	565.3	▲ 173.1	41.6 / 7.4%	▲ 129	155.2	▲ 110.9	\$135-\$170
Chicago	559.6	▲ 217.4	11.7 / 2.1%	▼ -407	226.8	▲ 178.8	\$145-\$155
Silicon Valley	427.7	▲ 48.1	31.0 / 7.3%	▲ 498	25.7	▼ -36.7	\$155-\$250
Phoenix	360.0	▲ 35.5	14.2 / 3.9%	▼ -453	48.8	▲ 4.5	\$170-\$200
Atlanta	310.0	▲ 57.5	41.1 / 13.3%	▲ 965	18.0	▼ -15.0	\$120-\$130
Hillsboro	262.4	▲ 94.0	6.5 / 2.5%	▼ -96	93.3	▲ 28.9	\$125-\$170
New York Tri-State	190.0	▲ 12.5	12.3 / 6.5%	▼ -135	14.1	▼ -4.0	\$170-\$180

*Vacancy Y-o-Y changes are calculated by comparing the difference between H2 2023 and H2 2022.

**Rental rates are quoted asking rates for 250+ kW at N+1/Tier III requirements.

Source: CBRE Research, CBRE Data Center Solutions, H2 2023.

Figure 2: H2 2023 Wholesale Secondary Market Fundamentals

Market	Inventory (MW)	Y-o-Y Change (MW)	Available MW/Vacancy Rate	Y-o-Y Change* (bps)	2023 Net Absorption (MW)	Y-o-Y Change (MW)	Rental Rates (kW/mo)**
Central Washington	186.4	▲ 10.0	0.4 / 0.2%	▼ -619	20.9	▼ -14.1	\$135-\$175
Austin/San Antonio	162.2	▲ 7.5	2.8 / 1.8%	▲ 43	6.7	▲ 0.7	\$140-\$175
Southern California	160.5	▲ 14.8	34.6 / 21.6%	▲ 330	6.8	▼ -7.4	\$135-\$160
Seattle	138.9	▲ 3.3	10.0 / 7.2%	▼ -556	10.6	▲ 7.0	\$135-\$175
Houston	134.1	▲ 2.2	26.5 / 19.7%	▼ -1,359	19.2	▲ 26.4	\$140-\$175
Denver	92.9	▲ 9.6	17.2 / 18.5%	▼ -33	8.2	▲ 7.4	\$135-\$145
Minneapolis	59.6	▲ 1.0	14.7 / 24.7%	▲ 674	-3.2	▼ -4.4	\$120-\$175
Charlotte/Raleigh	52.1	▲ 0.0	13.6 / 26.0%	▲ 231	-1.2	▲ 4.5	\$115-\$130

*Vacancy Y-o-Y changes are calculated by comparing the difference between H2 2023 and H2 2022.

**Rental rates are quoted asking rates for 250+ kW at N+1/Tier III requirements.

Source: CBRE Research, CBRE Data Center Solutions, H2 2023.

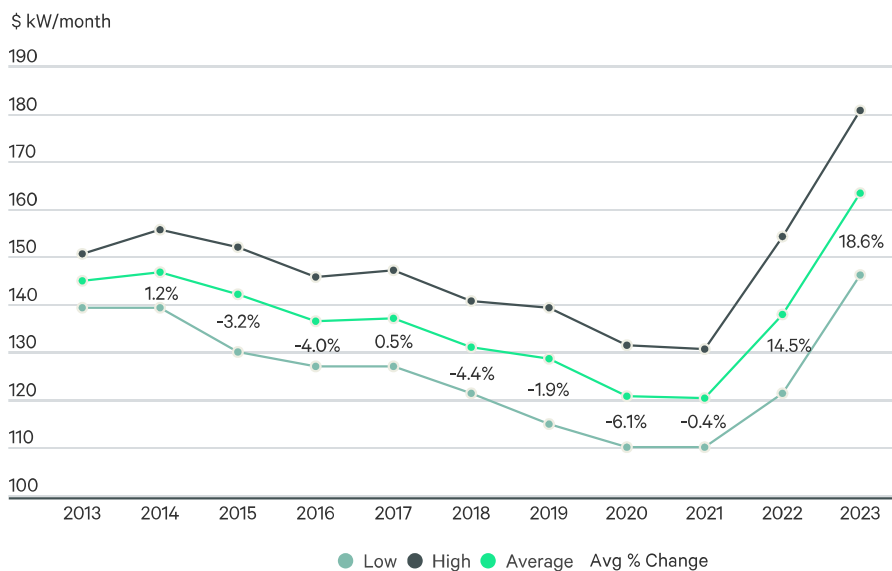
Center Trend Markets

[View Market Profiles](#)

National Lease Pricing

- Limited supply and strong demand drove up asking rates in H2 2023. The average asking rate across primary wholesale colocation markets for a 250- to 500-kW requirement increased by 18.6% year-over-year to a record \$163.44 per kW/month.
- Occupiers in California and Virginia faced higher operating costs due to rising fuel costs and taxes as well as electricity rate increases in certain local jurisdictions.
- Data center operators are increasingly investing in renewable energy sources and electricity efficiency practices with cooling technologies. While potentially offering long-term savings, this may require significant upfront investment that can cause pricing to increase.
- Generally, there is a material pricing difference between a new-build facility and a legacy data center.
- Construction costs remain elevated due to ongoing shortages in critical materials like generators, chillers and transformers, despite improved supply chain resilience.

Figure 3: Average Asking Rental Rate with Y-o-Y % Change for Primary Markets



**Rental rates are quoted asking rates for 250–500 kW at N+1/Tier III requirements.

Source: CBRE Research, CBRE Data Center Solutions, H2 2023.

Capital Markets Insights

- New capital sources are attracted by record tenant demand, historic low supply, strong rental growth and data center investment performance. There are ample debt financing options across real estate lenders, infrastructure funds, project finance, TMT lenders, life insurance companies and others.

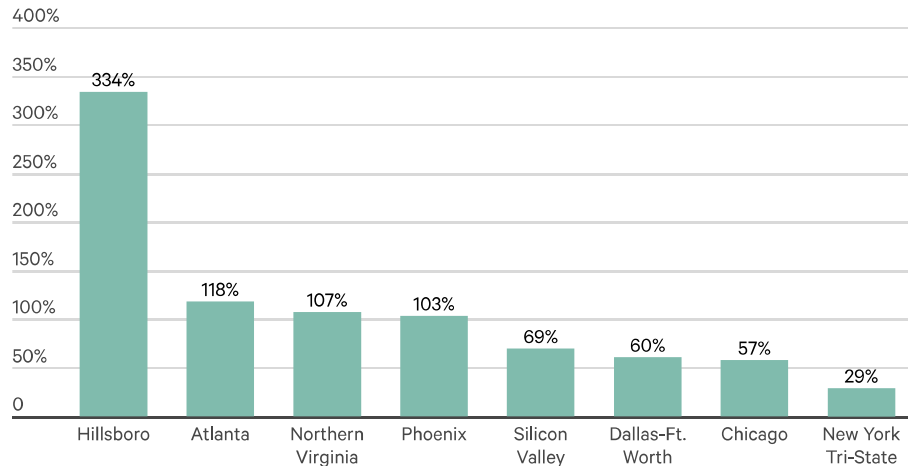
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- In this higher-interest rate environment, debt yield and debt-service coverage ratio have become the preferred metrics, as opposed to loan-to-value. As a result, overall leverage ratios have decreased to meet cash flow metric stipulations.

Notable H2 2023 Investment Activity

- Transactions announced by Digital Realty drove significant investment activity:
 - \$7 billion joint venture initiated with Blackstone to develop hyperscale data centers in Frankfurt, Paris and Northern Virginia
 - \$1.3 billion sale of its 80% interest in three Northern Virginia data centers to TPG Real Estate
 - \$743 million sale of its 65% interest in two stabilized data centers in Chicago to GI Partners
 - \$275 million sale of its remaining interest in four Cyxtera data centers to Brookfield
 - \$200 million sale of its 80% interest in a build-to-suit data center in Northern Virginia to Realty Income
- KDDI closed its \$1 billion acquisition of Allied Properties' data center portfolio.
- Manulife Investment Management completed its acquisition of Serverfarm.

Figure 4: Inventory Growth of Primary Data Center Markets since 2020



Source: CBRE Research, CBRE Data Center Solutions, H2 2023.

Valuation Insights

Transactional data remained limited in H2 2023. However, activity increased in Q4, which included asset sales from Cyxtera's bankruptcy and new investments from Brookfield. Although capital costs remain high, market-level supply-and-demand dynamics continue to support strong rent growth. Landlords are eager to end leases in power-constrained markets to re-lease at higher prices. Increased market rent dynamics have the potential to push down cap rates and create opportunity for non-stabilized assets with contracts below the current market rate. Some operators are also exploring underserved markets.

Lending activity persists for projects under construction, especially preleased and stabilized assets where developers and operators have committed to completion schedules to meet promised lease commencement dates. Data center providers and customers continue acquiring land in both primary and secondary markets, with lack of suitable sites causing bidding wars for offerings that meet desired power and fiber requirements.

The largest hyperscalers' new developments will complete construction and become operational in established, secondary and tertiary markets over the next few years—with AI requirements driving further demand. This demand increased through H2, leading to significant debt financing by firms such as Blackstone/QTS, Compass and PGIM to fund new development. Additionally, Vantage Data Centers announced a significant

Figure 5: Primary Markets Historic Net Absorption, Preleasing & Under Construction

Source: CBRE Research, CBRE Data Center Solutions, H2 2023.

Network Insights

— Notable Network Activity

- More middle-mile fiber infrastructure is being built across the U.S., including Lake Michigan's first carrier-neutral underwater cable project, announced in H2 2023. A component of the \$87.5 million project is two new cables under Lake Michigan connecting Grand Rapids, MI to Lakeside Technology Center at 350 E Cermak Rd. in Chicago. This will strengthen Michigan's data center market, offering a new long-haul path and lower latency.
- Last year, major content providers constructed and/or financed more custom fiber networks to interconnect hyperscale facilities. These private networks provide alternative, low-latency, high-capacity pathways between their facilities. Development is continuing in primary markets such as Atlanta, Dallas-Ft. Worth and Northern Virginia, as well as in tertiary markets such as New Albany, OH, Huntsville, AL, Nashville, TN and Altoona, PA.
- Electric companies such as Dominion, Georgia Power and ComEd have begun deploying and maintaining fiber networks in primary and secondary markets—bolstering network resiliency by establishing unique and secure data pathways. Hundreds of local electric utilities providers have also initiated this in tertiary markets.
- Fiber infrastructure development has strongly increased in the greater Chicago metro due to new hyperscale data centers' demands and other consistently rising data demand. Crosstown Fiber is currently building a high-capacity, multi-duct fiber system to connect the Elk Grove data center hub near O'Hare International Airport to the downtown core. The Illinois State Toll Highway Authority (ISTHA) is currently deploying new fiber along key Tollway fiberoptic network routes where demand surpassed existing capacity. Large companies such as AT&T, Verizon, Comcast, Astound Broadband, Crown Castle, Zayo and Lumen also have Chicago-based projects at varying development stages.

Figure 6: Total Inventory vs. Under Construction by Primary Market, H2 2023

Source: CBRE Research, CBRE Data Center Solutions, H2 2023.

Figure 7: Total Inventory vs. Under Construction by Secondary Market, H2 2023

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Data Center Outlook

- Data center infrastructure demand keeps increasing with the economy's continued digitization. Revenue from generative AI software advancements is expected to increase at a 58% compound annual growth rate from 2023 to 2028, according to S&P Market Intelligence. This growth is being fueled by AI's further development across technology, healthcare, finance and other sectors.
- Digital transformation will accelerate the need for processing power, storage and cloud services in colocation and hyperscale data centers to provide organizations with more flexibility. However, certain workloads will remain on-premises.
- Cloud service provider and AI company partnerships with other large U.S. companies may emerge to help bring new AI solutions to end users. This will lead to new edge data centers deployed on- or near-premises across various real estate asset classes, including retail, industrial, office, telecommunications towers and more.
- More operators and developers of industrial, retail, shopping center and office real estate will install low-latency fiber, DAS systems and private networks to attract both data-intensive and connectivity-focused occupiers.
- Colocation pricing is expected to increase by double-digits in 2024, as limited power availability and other constraints prevent available supply from expanding quickly.
- Despite power availability delays and rising construction costs, under-construction activity in primary markets is expected to reach a new all-time high of more than 2,500 MW in 2024.
- New markets across North America, like Wisconsin and Indiana, will host large data center campuses in 2024. This will be influenced by tax incentives, renewable power advancements, transmission and distribution electricity infrastructure and affordable power supply.

Trends to Watch

- International Data Corporation (IDC) forecasts that the global AI software market will grow from \$64 billion in 2022 to nearly \$251 billion in 2027, a 31.4% compound annual growth rate.
- Data centers will require more storage and compute capacity as business, commerce and personal smart device usage continues rising. There will be over 50 billion Internet of Things-connected (IoT) devices by 2025, according to McKinsey.
- More North American utility companies and municipalities will consider transmission and distribution infrastructure development to expand load growth capacity, reducing electricity grid constraints.
- Adoption of newer, lower-carbon energy solutions such as nuclear, geothermal and hydropower will continue, instead of natural gas and coal.
- Natural gas prices remained stable in 2023, after a volatile 2022. In markets highly dependent on natural gas, such as Atlanta and Dallas-Ft Worth, will we continue to see appetite for additional renewable energy projects such as wind and solar?
- Vacancy rates are projected to be near record-lows in 2024, which will prompt users to shift from lengthy request-for-proposal (RFP) processes to simplified letters-of-intent (LOI) for quicker space procurement.

Market Buzz

Individual market pages now feature 10+ MW pricing tier.



Denver

Data center development in the Rocky Mountains has enabled markets like Salt Lake City, UT and Reno, NV to attract major hyperscalers and developers. Tax incentives and ample land availability further this region's appeal. Last year, a Colorado state bill enabling an operator to claim a refund of all state sales and use tax on data center equipment costs failed to pass. But potential new state tax legislation this year could help draw further development.



Columbus/New Albany, OH

Columbus has benefitted tremendously from affordable and reliable regional power availability. Low natural disaster risk, an unregulated electricity market and competitive power costs are major attractions for further regional development. Developers are seeking new frontiers for growth outside of New Albany and into adjacent counties with power capacity. Land prices are more competitive than major markets like Chicago and Northern Virginia, furthering developer interest.

Atlanta

Chicago



A major hyperscaler is seeking 4,000 MW in the Atlanta market.

Demand continues to grow from financ

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Contacts

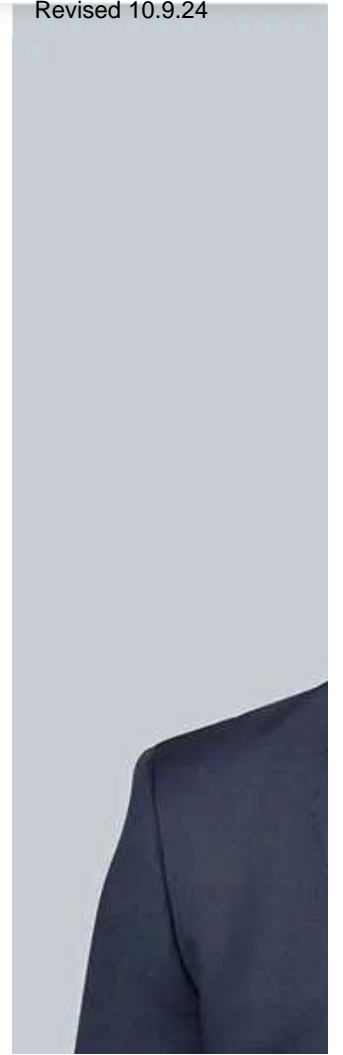
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