

**EXHIBIT NO. ___(JAP-19)
DOCKETS UE-17___/UG-17___
2017 PSE GENERAL RATE CASE
WITNESS: JON A. PILIARIS**

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY,

Respondent.

Docket UE-17___

Docket UG-17___

**EIGHTEENTH EXHIBIT (NONCONFIDENTIAL) TO THE
PREFILED DIRECT TESTIMONY OF**

JON A. PILIARIS

ON BEHALF OF PUGET SOUND ENERGY

JANUARY 13, 2017

Puget Sound Energy
GRC Rate Impacts
Test Year ended September 2016
\$ x 1000

Line No.	Tariff	Annual mWh	Estimated Annual	Schedule 95A		Schedule	Schedule	Schedule	Schedule	Schedule	Schedule	Schedule	Schedule	Subtotal	Annual
		Delivered Sales YE 9-2016	Proforma Base Revenue	Schedule 95 PCORC	Federal Incentive Credit	120 Conservation	129 Low Income	132 Merger Credit	140 Property Tax	141 ERF	142 Rate Plan, Deferral & K-Factor	142 2017 K-Factor	194 BPA Res & Farm Credit	Rider Rates	Estimated Revenue @ 12/31/2016
		a	b	c	d	e	f	g	h	i	j	k	l	m = Σ (c...l)	n = b + m
1	7	10,442,426	\$ 1,066,627	\$ (34,802)	\$ (28,894)	\$ 52,557	\$ 9,534	\$ (3,822)	\$ 37,133	\$ 16,991	\$ 66,644	\$ 12,847	\$ (69,308)	\$ 58,880	\$ 1,125,507
2	Residential	10,442,426	\$ 1,066,627	\$ (34,802)	\$ (28,894)	\$ 52,557	\$ 9,534	\$ (3,822)	\$ 37,133	\$ 16,991	\$ 66,644	\$ 12,847	\$ (69,308)	\$ 58,880	\$ 1,125,507
3															
4	24 (8)	2,787,459	\$ 266,944	\$ (8,568)	\$ (5,915)	\$ 11,493	\$ 2,328	\$ (741)	\$ 7,501	\$ 4,339	\$ 9,266	\$ 5,860	\$ (1,738)	\$ 23,825	\$ 290,769
5	25 (11, 7A)	2,830,899	\$ 251,785	\$ (8,670)	\$ (5,826)	\$ 11,547	\$ 2,200	\$ (679)	\$ 7,077	\$ 3,524	\$ 9,410	\$ 351	\$ (1,030)	\$ 17,904	\$ 269,689
6	26 (12,26P)	1,867,682	\$ 151,835	\$ (5,900)	\$ (4,072)	\$ 8,081	\$ 1,326	\$ (390)	\$ 4,419	\$ 1,962	\$ 5,501	\$ 1,199	\$ (117)	\$ 12,009	\$ 163,844
7	29	14,327	\$ 1,138	\$ (41)	\$ (30)	\$ 58	\$ 10	\$ (3)	\$ 36	\$ 19	\$ 48	\$ 28	\$ (98)	\$ 27	\$ 1,165
8	Total Secondary	7,500,367	\$ 671,702	\$ (23,179)	\$ (15,843)	\$ 31,179	\$ 5,864	\$ (1,813)	\$ 19,033	\$ 9,844	\$ 24,225	\$ 7,438	\$ (2,983)	\$ 53,765	\$ 725,467
9															
10	31 (10)	1,264,534	\$ 101,395	\$ (3,618)	\$ (2,611)	\$ 5,068	\$ 891	\$ (296)	\$ 2,911	\$ 1,345	\$ 4,658	\$ 897	\$ (218)	\$ 9,027	\$ 110,422
11	35	4,453	\$ 248	\$ (11)	\$ (6)	\$ 12	\$ 4	\$ (1)	\$ 10	\$ -	\$ 15	\$ -	\$ (30)	\$ (7)	\$ 241
12	43	119,660	\$ 10,338	\$ (336)	\$ (232)	\$ 461	\$ 93	\$ (28)	\$ 486	\$ 206	\$ 397	\$ 8	\$ -	\$ 1,055	\$ 11,393
13	Total Primary	1,388,647	\$ 111,981	\$ (3,965)	\$ (2,849)	\$ 5,541	\$ 988	\$ (325)	\$ 3,407	\$ 1,551	\$ 5,070	\$ 905	\$ (248)	\$ 10,075	\$ 122,056
14															
15	40	674,604	\$ 47,837	\$ (2,137)	\$ (1,579)	\$ 2,847	\$ 414	\$ (87)	\$ 1,548	\$ 319	\$ 2,243	\$ 7	\$ -	\$ 3,575	\$ 51,412
16															
17	46	64,275	\$ 4,202	\$ (172)	\$ (85)	\$ 182	\$ 39	\$ (5)	\$ 98	\$ 20	\$ 214	\$ -	\$ -	\$ 291	\$ 4,493
18	49	567,984	\$ 36,158	\$ (1,325)	\$ (1,143)	\$ 2,153	\$ 318	\$ (48)	\$ 868	\$ 201	\$ 1,888	\$ 1	\$ -	\$ 2,913	\$ 39,071
19	Total High Voltage	632,259	\$ 40,360	\$ (1,497)	\$ (1,228)	\$ 2,335	\$ 357	\$ (53)	\$ 966	\$ 221	\$ 2,102	\$ 1	\$ -	\$ 3,204	\$ 43,564
20															
21	50-59	77,972	\$ 17,167	\$ (241)	\$ (220)	\$ 333	\$ 154	\$ (120)	\$ 647	\$ 611	\$ 1,738	\$ -	\$ (13)	\$ 2,889	\$ 20,056
22															
23	449-459	2,098,104	\$ 7,513	\$ -	\$ -	\$ 2,270	\$ 67	\$ (65)	\$ 613	\$ 209	\$ 179	\$ -	\$ -	\$ 3,273	\$ 10,786
24															
25	Total	22,814,379	\$ 1,963,187	\$ (65,821)	\$ (50,613)	\$ 97,062	\$ 17,378	\$ (6,285)	\$ 63,347	\$ 29,746	\$ 102,200	\$ 21,198	\$ (72,552)	\$ 135,660	\$ 2,098,847
26															
27	5	6,930	\$ 316	\$ (22)	\$ (18)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (40)	\$ 276
28															
29	All Sales	22,821,309	\$ 1,963,503	\$ (65,843)	\$ (50,631)	\$ 97,062	\$ 17,378	\$ (6,285)	\$ 63,347	\$ 29,746	\$ 102,200	\$ 21,198	\$ (72,552)	\$ 135,620	\$ 2,099,123

Puget Sound Energy
GRC Rate Impacts
Test Year ended September 2016
\$ x 1000

Line No.	Tariff	Estimated Annual Proposed Base Revenue o	Subtotal Rider Rates p = m	Remove:				Add:		Total Proposed Rates w = $\sum(o...v)$	Base Revenue Change x = o - b	Net Revenue Change y = w - n	% Change (Base) z = x/b	% Change (Net) aa = y/n	Schedule 149 Electric CRM ab = v/n
				Schedule 95 PCORC q = -c	Schedule 141 ERF r = -i	Schedule 142 Rate Plan, Deferral & K-Factor s = -j	Schedule 142 2017 K-Factor t = -k	Schedule 142 Decoupling (Deferral) u	Schedule 149 Electric CRM v						
1	7	\$ 1,155,391	\$ 58,880	\$ 34,802	\$ (16,991)	\$ (66,644)	\$ (12,847)	\$ 9,649	\$ 8,396	\$ 1,170,636	\$ 88,764	\$ 45,129	8.3%	4.0%	0.75%
2	Residential	\$ 1,155,391	\$ 58,880	\$ 34,802	\$ (16,991)	\$ (66,644)	\$ (12,847)	\$ 9,649	\$ 8,396	\$ 1,170,636	\$ 88,764	\$ 45,129	8.3%	4.0%	0.75%
3															
4	24 (8)	\$ 283,607	\$ 23,825	\$ 8,568	\$ (4,339)	\$ (9,266)	\$ (5,860)	\$ 1,288	\$ 1,143	\$ 298,966	\$ 16,663	\$ 8,197	6.2%	2.8%	0.39%
5	25 (11, 7A)	\$ 267,501	\$ 17,904	\$ 8,670	\$ (3,524)	\$ (9,410)	\$ (351)	\$ 1,308	\$ 563	\$ 282,661	\$ 15,716	\$ 12,972	6.2%	4.8%	0.21%
6	26 (12,26P)	\$ 161,313	\$ 12,009	\$ 5,900	\$ (1,962)	\$ (5,501)	\$ (1,199)	\$ 90	\$ 174	\$ 170,824	\$ 9,478	\$ 6,980	6.2%	4.3%	0.11%
7	29	\$ 1,209	\$ 27	\$ 41	\$ (19)	\$ (48)	\$ (28)	\$ 7	\$ -	\$ 1,189	\$ 71	\$ 24	6.2%	2.1%	0.00%
8	Total Secondary	\$ 713,630	\$ 53,765	\$ 23,179	\$ (9,844)	\$ (24,225)	\$ (7,438)	\$ 2,693	\$ 1,880	\$ 753,640	\$ 41,928	\$ 28,173	6.2%	3.9%	0.26%
9															
10	31 (10)	\$ 107,724	\$ 9,027	\$ 3,618	\$ (1,345)	\$ (4,658)	\$ (897)	\$ 1,456	\$ 78	\$ 115,003	\$ 6,329	\$ 4,581	6.2%	4.1%	0.07%
11	35	\$ 264	\$ (7)	\$ 11	\$ -	\$ (15)	\$ -	\$ 2	\$ -	\$ 255	\$ 16	\$ 14	6.5%	5.8%	0.00%
12	43	\$ 11,198	\$ 1,055	\$ 336	\$ (206)	\$ (397)	\$ (8)	\$ 55	\$ 121	\$ 12,154	\$ 860	\$ 761	8.3%	6.7%	1.06%
13	Total Primary	\$ 119,186	\$ 10,075	\$ 3,965	\$ (1,551)	\$ (5,070)	\$ (905)	\$ 1,513	\$ 199	\$ 127,412	\$ 7,205	\$ 5,356	6.4%	4.4%	0.16%
14															
15	40	\$ 54,188	\$ 3,575	\$ 2,137	\$ (319)	\$ (2,243)	\$ (7)	\$ 312	\$ -	\$ 57,643	\$ 6,351	\$ 6,231	13.3%	12.1%	0.00%
16															
17	46	\$ 4,465	\$ 291	\$ 172	\$ (20)	\$ (214)	\$ -	\$ 30	\$ -	\$ 4,724	\$ 263	\$ 231	6.3%	5.1%	0.00%
18	49	\$ 38,415	\$ 2,913	\$ 1,325	\$ (201)	\$ (1,888)	\$ (1)	\$ 262	\$ -	\$ 40,825	\$ 2,257	\$ 1,754	6.2%	4.5%	0.00%
19	Total High Voltage	\$ 42,880	\$ 3,204	\$ 1,497	\$ (221)	\$ (2,102)	\$ (1)	\$ 292	\$ -	\$ 45,549	\$ 2,520	\$ 1,985	6.2%	4.6%	0.00%
20															
21	50-59	\$ 18,598	\$ 2,889	\$ 241	\$ (611)	\$ (1,738)	\$ -	\$ -	\$ -	\$ 19,379	\$ 1,431	\$ (677)	8.3%	-3.4%	0.00%
22															
23	449-459	\$ 7,969	\$ 3,273	\$ -	\$ (209)	\$ (179)	\$ -	\$ -	\$ -	\$ 10,854	\$ 456	\$ 68	6.1%	0.6%	0.00%
24															
25	Total	\$ 2,111,842	\$ 135,660	\$ 65,821	\$ (29,746)	\$ (102,200)	\$ (21,198)	\$ 14,459	\$ 10,475	\$ 2,185,113	\$ 148,655	\$ 86,265	7.6%	4.1%	0.50%
26															
27	5	\$ 722	\$ (40)	\$ 22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 704	\$ 406	\$ 428	128.5%	155.1%	0.00%
28															
29	All Sales	\$ 2,112,564	\$ 135,620	\$ 65,843	\$ (29,746)	\$ (102,200)	\$ (21,198)	\$ 14,459	\$ 10,475	\$ 2,185,817	\$ 149,061	\$ 86,693	7.6%	4.1%	0.50%

**Puget Sound Energy
Monthly Billing Comparison
Schedule 7
Residential Service**

kWh	%	Monthly Energy Charge ¹				
		Customers	Present	Proposed	Change	
					\$	%
0	0.57%	\$7.87	\$9.00	\$1.13	14.36%	
50	0.82%	\$12.38	\$13.64	\$1.26	10.18%	
100	1.10%	\$16.89	\$18.27	\$1.38	8.17%	
150	1.49%	\$21.40	\$22.91	\$1.51	7.06%	
200	2.05%	\$25.91	\$27.55	\$1.64	6.33%	
300	6.34%	\$34.93	\$36.82	\$1.89	5.41%	
400	8.94%	\$43.95	\$46.10	\$2.15	4.89%	
500	10.26%	\$52.98	\$55.37	\$2.39	4.51%	
600	10.26%	\$62.00	\$64.64	\$2.64	4.26%	
700	9.35%	\$72.90	\$75.91	\$3.01	4.13%	
800	8.08%	\$83.80	\$87.18	\$3.38	4.03%	
900 *	6.76%	\$94.71	\$98.44	\$3.73	3.94%	
1,000	5.61%	\$105.61	\$109.71	\$4.10	3.88%	
1,100	4.61%	\$116.51	\$120.97	\$4.46	3.83%	
1,200	3.78%	\$127.42	\$132.24	\$4.82	3.78%	
1,300	3.09%	\$138.32	\$143.51	\$5.19	3.75%	
1,400	2.55%	\$149.22	\$154.77	\$5.55	3.72%	
1,600	3.88%	\$171.03	\$177.30	\$6.27	3.67%	
2,000	4.66%	\$214.64	\$222.37	\$7.73	3.60%	
2,500	2.85%	\$269.16	\$278.70	\$9.54	3.54%	
3,000	1.36%	\$323.68	\$335.03	\$11.35	3.51%	
4,000	1.02%	\$432.71	\$447.69	\$14.98	3.46%	
5,000	0.30%	\$541.74	\$560.35	\$18.61	3.44%	
>5000	0.26%					

	Present Price (Net)	Proposed Price (Net)
Basic 1 Phase	\$ 7.87	\$ 9.00
Energy - First 600	\$ 0.090211	\$ 0.092738
Energy - Over 600	\$ 0.109033	\$ 0.112661

Schedule 95 - PCA	\$ (0.003333)	\$ -
Schedule 95A - Fed Inc Credit	\$ (0.003015)	\$ (0.003015)
Schedule 120 - Conservation	\$ 0.005033	\$ 0.005033
Schedule 129 - Low Income	\$ 0.000913	\$ 0.000913
Schedule 132 - Merger Credit	\$ (0.000370)	\$ (0.000370)
Schedule 137 - REC	\$ (0.000083)	\$ (0.000083)
Schedule 140 - Property Tax	\$ 0.003556	\$ 0.003556
Schedule 141 - ERF - Basic Charge	\$ 0.380000	\$ -
Schedule 141 - ERF - First 600 kWh	\$ 0.001114	\$ -
Schedule 141 - ERF - Over 600 kWh	\$ 0.001357	\$ -
Schedule 142 - Decoupling	\$ 0.006382	\$ 0.000924
Schedule 142 - Decoupling 2017	\$ 0.001230	\$ -
Schedule 149 - CRM	\$ -	\$ 0.000804
Schedule 194 - BPA Exch Credit	\$ (0.006794)	\$ (0.006794)

Residential Overall: 8.32%

Notes:

* Average PSE Customer

¹ Includes Rider Schedules 95, 95A, 120, 129, 132, 137, 140, 141, 142 and 15

**Puget Sound Energy
Monthly Billing Comparison
Schedule 7
Residential Service (Alternate Three Block)**

kWh	%	Monthly Energy Charge ¹				
		Customers	Present	Proposed	Change	
					\$	%
0	0.57%	\$7.87	\$ 9.00	\$1.13	14.36%	
50	0.82%	\$12.38	\$ 13.87	\$1.49	12.04%	
100	1.10%	\$16.89	\$ 18.73	\$1.84	10.89%	
150	1.49%	\$21.40	\$ 23.60	\$2.20	10.28%	
200	2.05%	\$25.91	\$ 28.47	\$2.56	9.88%	
300	6.34%	\$34.93	\$ 38.20	\$3.27	9.36%	
400	8.94%	\$43.95	\$ 47.94	\$3.99	9.08%	
500	10.26%	\$52.98	\$ 57.67	\$4.69	8.85%	
600	10.26%	\$62.00	\$ 67.41	\$5.41	8.73%	
700	9.35%	\$71.02	\$ 77.14	\$6.12	8.62%	
800	8.08%	\$80.04	\$ 86.88	\$6.84	8.55%	
900 *	6.76%	\$94.71	\$ 98.70	\$3.99	4.21%	
1,000	5.61%	\$105.61	\$ 110.53	\$4.92	4.66%	
1,100	4.61%	\$116.51	\$ 122.36	\$5.85	5.02%	
1,200	3.78%	\$127.42	\$ 134.18	\$6.76	5.31%	
1,300	3.09%	\$138.32	\$ 146.01	\$7.69	5.56%	
1,400	2.55%	\$149.22	\$ 157.84	\$8.62	5.78%	
1,600	3.88%	\$171.03	\$ 181.49	\$10.46	6.12%	
2,000	4.66%	\$214.64	\$ 223.29	\$8.65	4.03%	
2,500	2.85%	\$269.16	\$ 268.64	(\$0.52)	-0.19%	
3,000	1.36%	\$323.68	\$ 314.00	(\$9.68)	-2.99%	
4,000	1.02%	\$432.71	\$ 404.71	(\$28.00)	-6.47%	
5,000	0.30%	\$541.74	\$ 495.42	(\$46.32)	-8.55%	
>5000	0.26%					

	Present Price (Net)	Proposed Price (Net)
Basic 1 Phase	\$ 7.87	\$ 9.00
Energy - First 600	\$ 0.090211	\$ 0.097345
Energy - Next 200	\$ 0.109033	\$ 0.097345
Energy - Next 1000	\$ 0.109033	\$ 0.118268
Energy - Over 1800	\$ 0.109033	\$ 0.090710

Schedule 95 - PCA	\$ (0.003333)	\$ -
Schedule 95A - Fed Inc Credit	\$ (0.003015)	\$ (0.003015)
Schedule 120 - Conservation	\$ 0.005033	\$ 0.005033
Schedule 129 - Low Income	\$ 0.000913	\$ 0.000913
Schedule 132 - Merger Credit	\$ (0.000370)	\$ (0.000370)
Schedule 137 - REC	\$ (0.000083)	\$ (0.000083)
Schedule 140 - Property Tax	\$ 0.003556	\$ 0.003556
Schedule 141 - ERF - Basic Charge	\$ 0.38	\$ -
Schedule 141 - ERF - First 600 kWh	\$ 0.001114	\$ -
Schedule 141 - ERF - Over 600 kWh	\$ 0.001357	\$ -
Schedule 142 - Decoupling	\$ 0.006382	\$ 0.000924
Schedule 142 - Decoupling 2017	\$ 0.001230	\$ -
Schedule 149 - CRM	\$ -	\$ 0.000804
Schedule 194 - BPA Exch Credit	\$ (0.006794)	\$ (0.006794)

Residential Overall: 8.32%

Notes:

* Average PSE Customer

¹ Includes Rider Schedules 95, 95A, 120, 129, 132, 137, 140, 141, 142 and 194

**Puget Sound Energy
Monthly Billing Comparison
Schedule 24
Secondary Voltage General Service, Demand < 50 kW**

kWh	Monthly Billing ^{1,2}				Dollar Difference		Percent Difference	
	Present Price Schedule 24		Proposed Price Schedule 24		1 Phase	3 Phase	1 Phase	3 Phase
	1 Phase	3 Phase	1 Phase	3 Phase				
500	\$58	\$73	\$60	\$76	\$2	\$2	3.69%	3.14%
1,000	\$105	\$121	\$109	\$125	\$4	\$4	3.95%	3.58%
1,500	\$153	\$168	\$159	\$175	\$6	\$6	4.05%	3.77%
2,500	\$248	\$263	\$258	\$274	\$10	\$10	4.13%	3.95%
3,000	\$295	\$311	\$307	\$323	\$12	\$12	4.15%	4.00%
3,500	\$343	\$358	\$357	\$373	\$14	\$14	4.17%	4.03%
4,000	\$390	\$406	\$407	\$422	\$16	\$16	4.18%	4.06%
4,500	\$438	\$453	\$456	\$472	\$18	\$19	4.19%	4.08%
5,000	\$485	\$501	\$506	\$521	\$20	\$21	4.20%	4.10%
6,000	\$580	\$596	\$605	\$621	\$24	\$25	4.21%	4.13%
7,000	\$675	\$691	\$704	\$720	\$28	\$29	4.22%	4.15%
8,000	\$770	\$786	\$803	\$819	\$33	\$33	4.22%	4.16%
9,000	\$865	\$881	\$902	\$918	\$37	\$37	4.23%	4.17%
10,000	\$960	\$976	\$1,001	\$1,017	\$41	\$41	4.23%	4.18%
11,000	\$1,055	\$1,071	\$1,100	\$1,116	\$45	\$45	4.23%	4.19%
12,000	\$1,150	\$1,166	\$1,199	\$1,215	\$49	\$49	4.24%	4.20%
13,000	\$1,245	\$1,261	\$1,298	\$1,314	\$53	\$53	4.24%	4.20%
14,000	\$1,340	\$1,356	\$1,397	\$1,413	\$57	\$57	4.24%	4.21%
15,000	\$1,435	\$1,451	\$1,496	\$1,512	\$61	\$61	4.24%	4.21%
16,000	\$1,530	\$1,546	\$1,595	\$1,611	\$65	\$65	4.24%	4.21%
17,000	\$1,625	\$1,641	\$1,694	\$1,710	\$69	\$69	4.25%	4.22%
18,000	\$1,720	\$1,736	\$1,794	\$1,809	\$73	\$73	4.25%	4.22%
19,000	\$1,815	\$1,831	\$1,893	\$1,908	\$77	\$77	4.25%	4.22%
20,000	\$1,911	\$1,926	\$1,992	\$2,008	\$81	\$81	4.25%	4.22%

	Net Present Price		Net Proposed Price	
	Single Phase	Three Phase	Single Phase	Three Phase
Basic Charge	\$ 10.16	\$ 25.81	\$ 10.26	\$ 26.08
Winter kWh	\$ 0.096502	\$ 0.096502	\$ 0.100628	\$ 0.100628
Summer kWh	\$ 0.093361	\$ 0.093361	\$ 0.097333	\$ 0.097333
Average kWh	\$ 0.095017	\$ 0.095017	\$ 0.099071	\$ 0.099071

Schedule 95 - PCA	\$ (0.003074)	\$ -
Schedule 95A - Fed Inc Credit	\$ (0.002556)	\$ (0.002556)
Schedule 120 - Conservation	\$ 0.004123	\$ 0.004123
Schedule 129 - Low Income	\$ 0.000835	\$ 0.000835
Schedule 132 - Merger Credit	\$ (0.000311)	\$ (0.000311)
Schedule 137 - REC	\$ (0.000070)	\$ (0.000070)
Schedule 140 - Property Tax	\$ 0.002691	\$ 0.002691
Schedule 141 - ERF - Basic 1 Phase	\$ 0.50	\$ -
Schedule 141 - ERF - Basic 3 Phase	\$ 1.26	\$ -
Schedule 141 - ERF - Winter	\$ 0.001197	\$ -
Schedule 141 - ERF - Summer	\$ 0.001154	\$ -
Schedule 142 - Decoupling	\$ 0.003324	\$ 0.000462
Schedule 142 - Decoupling 2017	\$ 0.000886	\$ -
Schedule 149 - CRM	\$ -	\$ 0.000410
Overall:	6.24%	

Notes:

¹ Includes Rider Schedules 95A, 95, 120, 129, 132, 137, 140, 141 and 142

² Average Non-Seasonal Energy Rate

**Puget Sound Energy
Monthly Billing Comparison
Schedule 25**

Secondary Voltage General Service, Small Demand Between 50 & 350 kW

kW Load Size/ Demand	kWh per kW		Monthly Billing ^{1,2}		Percent Difference
	(Equiv Hours)	kWh	Present Schedule 25	Proposed Schedule 25	
50	300	15,000	\$1,445	\$1,499	3.7%
50	500	25,000	\$2,263	\$2,347	3.7%
50	700	35,000	\$2,972	\$3,081	3.7%
100	300	30,000	\$2,995	\$3,114	4.0%
100	500	50,000	\$4,412	\$4,582	3.8%
100	700	70,000	\$5,830	\$6,050	3.8%
150	300	45,000	\$4,435	\$4,615	4.1%
150	500	75,000	\$6,561	\$6,817	3.9%
150	700	105,000	\$8,687	\$9,019	3.8%
200	300	60,000	\$5,875	\$6,116	4.1%
200	500	100,000	\$8,710	\$9,052	3.9%
200	700	140,000	\$11,545	\$11,988	3.8%
250	300	75,000	\$7,315	\$7,617	4.1%
250	500	125,000	\$10,859	\$11,287	3.9%
250	700	175,000	\$14,403	\$14,957	3.8%
300	300	90,000	\$8,755	\$9,118	4.1%
300	500	150,000	\$13,008	\$13,522	4.0%
300	700	210,000	\$17,260	\$17,925	3.9%
350	300	105,000	\$10,195	\$10,619	4.2%
350	500	175,000	\$15,157	\$15,757	4.0%
350	700	245,000	\$20,118	\$20,894	3.9%

Notes:

¹Includes Rider Schedules 95A, 95, 120, 129, 132, 137, 140, 141 and 142

²Average Non-Seasonal Energy and Demand Rates

Net Present Price		Net Proposed Price	
Basic Charge	\$ 54.27	Basic Charge	\$ 54.90
Winter kWh - First 20,000	\$ 0.096789	Winter kWh - First 20,000	\$ 0.100490
Summer kWh - First 20,000	\$ 0.088502	Summer kWh - First 20,000	\$ 0.091839
Average kWh	\$ 0.092731	Average kWh	\$ 0.096254
kWh - All Over 20,000	\$ 0.070875	kWh - All Over 20,000	\$ 0.073397
kW - First 50	\$ -	kW - First 50	\$ -
Winter kW - Over 50	\$ 9.02	Winter kW - Over 50	\$ 9.57
Summer kW - Over 50	\$ 6.02	Summer kW - Over 50	\$ 6.39
Average kW - Over 50	\$ 7.54	Average kW - Over 50	\$ 8.00
kVarh	\$ 0.00283	kVarh	\$ 0.00301
Schedule 95 - PCA	\$ (0.003063)		\$ -
Schedule 95A - Fed Inc Credit	\$ (0.002360)		\$(0.002360)
Schedule 120 - Conservation	\$ 0.004079		\$ 0.004079
Schedule 129 - Low Income	\$ 0.000777		\$ 0.000777
Schedule 132 - Merger Credit	\$ (0.000266)		\$(0.000266)
Schedule 137 - REC	\$ (0.000065)		\$(0.000065)
Schedule 140 - Property Tax	\$ 0.002500		\$ 0.002500
Schedule 141 - ERF - Basic	\$ 2.60		\$ -
Schedule 141 - ERF - Demand	\$ 0.01		\$ -
Schedule 141 - ERF - Winter kWh First 20,000	\$ 0.001394		\$ -
Schedule 141 - ERF - Summer kWh First 20,000	\$ 0.001260		\$ -
Schedule 141 - ERF - kWh Over 20,000	\$ 0.000991		\$ -
Schedule 142 - Decoupling	\$ 0.003324		\$ 0.000462
Schedule 142 - Decoupling 2017	\$ 0.000886		\$ -
Schedule 149 - CRM	\$ -		\$ 0.000199

**Puget Sound Energy
Monthly Billing Comparison
Schedule 26**

Secondary Voltage General Service, Large Demand Over 350 kW

kW Load Size/ Demand	kWh per kW		Monthly Billing ^{1,2}		Percent Difference
	(Equiv Hours)	kWh	Present Schedule 26	Proposed Schedule 26	
350	300	105,000	\$10,265	\$10,545	2.7%
350	500	175,000	\$14,340	\$15,077	5.1%
350	700	245,000	\$18,414	\$19,609	6.5%
400	300	120,000	\$11,716	\$12,036	2.7%
400	500	200,000	\$16,372	\$17,215	5.1%
400	700	280,000	\$21,029	\$22,394	6.5%
500	300	150,000	\$14,617	\$15,017	2.7%
500	500	250,000	\$20,438	\$21,491	5.2%
500	700	350,000	\$26,259	\$27,965	6.5%
600	300	180,000	\$17,518	\$17,998	2.7%
600	500	300,000	\$24,503	\$25,767	5.2%
600	700	420,000	\$31,489	\$33,536	6.5%
700	300	210,000	\$20,420	\$20,979	2.7%
700	500	350,000	\$28,569	\$30,043	5.2%
700	700	490,000	\$36,718	\$39,107	6.5%
800	300	240,000	\$23,321	\$23,961	2.7%
800	500	400,000	\$32,634	\$34,319	5.2%
800	700	560,000	\$41,948	\$44,677	6.5%
1000	300	300,000	\$29,123	\$29,923	2.7%
1000	500	500,000	\$40,765	\$42,871	5.2%
1000	700	700,000	\$52,407	\$55,819	6.5%

Net Present Price		Net Proposed Price	
Basic Charge	\$ 110.46	Basic Charge	\$ 110.98
kWh - All	\$ 0.058210	kWh - All	\$ 0.064740
Winter kW	\$ 13.63	Winter kW	\$ 12.52
Summer kW	\$ 9.58	Summer kW	\$ 8.36
Average kW	\$ 11.55	Average kW	\$ 10.39
kVarh	\$ 0.00127	kVarh	\$ 0.00132

Schedule 95 - PCA	\$ (0.003159)	\$ -
Schedule 95A - Fed Inc Credit	\$ (0.002478)	\$ (0.002478)
Schedule 120 - Conservation	\$ 0.004327	\$ 0.004327
Schedule 129 - Low Income	\$ 0.000710	\$ 0.000710
Schedule 132 - Merger Credit	\$ (0.000221)	\$ (0.000221)
Schedule 137 - REC	\$ (0.000068)	\$ (0.000068)
Schedule 140 - Property Tax	\$ 0.002366	\$ 0.002366
Schedule 141 - ERF - Basic	\$ 6.00	\$ -
Schedule 141 - ERF - Demand Winter	\$ 0.49	\$ -
Schedule 141 - ERF - Demand Summer	\$ 0.33	\$ -
Schedule 141 - ERF - Reactive Power	\$ 0.00003	\$ -
Schedule 142 - Decoupling kW	\$ 1.22	\$ 0.02
Schedule 142 - Decoupling 2017	\$ 0.27	\$ -
Schedule 149 - CRM	\$ -	\$ 0.000093
Overall:	6.24%	

Notes:

¹Includes Rider Schedules 95A, 95, 120, 129, 132, 137, 140, 141 and 142

² Average Non-Seasonal Energy and Demand Rates

Puget Sound Energy
Monthly Billing Comparison
Schedule 29
Secondary Voltage Irrigation & Pumping Service

kW Load Size/ Demand	kWh per kW (Equiv Hours)	kWh	Monthly Billing ^{1,2}		% Change
			Present Schedule 29	Proposed Schedule 29	
Single Phase					
25	200	5,000	\$339	\$351	3.54%
25	300	7,500	\$504	\$521	3.37%
25	500	12,500	\$833	\$862	3.48%
50	200	10,000	\$669	\$692	3.44%
50	300	15,000	\$998	\$1,033	3.51%
50	500	25,000	\$1,596	\$1,651	3.45%
75	200	10,000	\$818	\$850	3.91%
75	300	15,000	\$1,147	\$1,191	3.84%
75	500	25,000	\$1,745	\$1,809	3.67%
Three Phase					
100	200	20,000	\$1,641	\$1,706	3.96%
100	300	30,000	\$2,178	\$2,260	3.76%
100	500	50,000	\$3,254	\$3,370	3.56%
150	200	30,000	\$2,476	\$2,577	4.08%
150	300	45,000	\$3,283	\$3,409	3.84%
150	500	75,000	\$4,896	\$5,074	3.64%
200	200	40,000	\$3,312	\$3,448	4.11%
200	300	60,000	\$4,387	\$4,558	3.90%
200	500	100,000	\$6,538	\$6,778	3.67%
300	200	60,000	\$4,984	\$5,191	4.15%
300	300	90,000	\$6,596	\$6,856	3.94%
300	500	150,000	\$9,822	\$10,185	3.70%

Notes:

¹Includes Rider Schedules 95A, 95, 120, 129, 132, 137, 140, 141, 142 and 194

² Average Non-Seasonal Energy and Demand Rates

Net Present Price		Net Proposed Price	
Basic Charge (1 Phase)	\$ 10.04	Basic Charge (1 Phase)	\$ 10.16
Basic Charge (3 Phase)	\$ 25.50	Basic Charge (3 Phase)	\$ 25.80
Winter kWh - First 20,000	\$ 0.089939	Winter kWh - First 20,000	\$ 0.093375
Summer kWh - First 20,000	\$ 0.062035	Summer kWh - First 20,000	\$ 0.064151
Average kWh	\$ 0.065862	Average kWh	\$ 0.068159
Winter kWh - Over 20,000	\$ 0.068081	Winter kWh - Over 20,000	\$ 0.070483
Summer kWh - Over 20,000	\$ 0.053020	Summer kWh - Over 20,000	\$ 0.054709
kWh - All Over 20,000	\$ 0.053762	kWh - All Over 20,000	\$ 0.055486
kW - First 50	\$ -	kW - First 50	\$ -
Winter kW - Over 50	\$ 8.83	Winter kW - Over 50	\$ 9.38
Summer kW - Over 50	\$ 4.35	Summer kW - Over 50	\$ 4.62
Average kW - Over 50	\$ 5.96	Average kW - Over 50	\$ 6.33
kVarh	\$ 0.00281	kVarh	\$ 0.00299
Schedule 95 - PCA	\$ (0.002883)		\$ -
Schedule 95A - Fed Inc Credit	\$ (0.002378)		\$ (0.002378)
Schedule 120 - Conservation	\$ 0.004034		\$ 0.004034
Schedule 129 - Low Income	\$ 0.000707		\$ 0.000707
Schedule 132 - Merger Credit	\$ (0.000266)		\$ (0.000266)
Schedule 137 - REC	\$ (0.000065)		\$ (0.000065)
Schedule 140 - Property Tax	\$ 0.002500		\$ 0.002500
Schedule 141 - ERF - Basic 1 Phase	\$ 0.48		\$ -
Schedule 141 - ERF - Basic 3 phase	\$ 1.22		\$ -
Schedule 141 - ERF - Winter kWh First 20,000	\$ 0.001291		\$ -
Schedule 141 - ERF - Summer kWh First 20,000	\$ 0.000894		\$ -
Schedule 141 - ERF - Winter kWh Over 20,000	\$ 0.000980		\$ -
Schedule 141 - ERF - Summer kWh Over 20,000	\$ 0.000766		\$ -
Schedule 142 - Decoupling	\$ 0.003324		\$ 0.000462
Schedule 142 - Decoupling 2017	\$ 0.000886		\$ -
Schedule 149 - CRM	\$ -		\$ -
Schedule 194 - BPA Exchange Credit	\$ (0.006794)		\$ (0.006794)

**Puget Sound Energy
Monthly Billing Comparison
Schedule 31
Primary Voltage General Service**

kW Load Size/ Demand	kWh per kW		Monthly Billing ^{1,2}		Percent Difference
	(Equiv Hours)	kWh	Present Schedule 31	Proposed Schedule 31	
350	300	105,000	\$10,222	\$10,517	2.9%
350	500	175,000	\$14,119	\$14,856	5.2%
350	700	245,000	\$18,017	\$19,196	6.5%
400	300	120,000	\$11,631	\$11,968	2.9%
400	500	200,000	\$16,085	\$16,927	5.2%
400	700	280,000	\$20,540	\$21,887	6.6%
500	300	150,000	\$14,449	\$14,870	2.9%
500	500	250,000	\$20,017	\$21,069	5.3%
500	700	350,000	\$25,586	\$27,268	6.6%
600	300	180,000	\$17,268	\$17,771	2.9%
600	500	300,000	\$23,950	\$25,211	5.3%
600	700	420,000	\$30,631	\$32,650	6.6%
700	300	210,000	\$20,086	\$20,673	2.9%
700	500	350,000	\$27,882	\$29,352	5.3%
700	700	490,000	\$35,677	\$38,031	6.6%
800	300	240,000	\$22,905	\$23,575	2.9%
800	500	400,000	\$31,814	\$33,494	5.3%
800	700	560,000	\$40,723	\$43,413	6.6%
1000	300	300,000	\$28,542	\$29,379	2.9%
1000	500	500,000	\$39,678	\$41,777	5.3%
1000	700	700,000	\$50,814	\$54,176	6.6%

Net Present Price		Net Proposed Price	
Basic Charge	\$ 356.91	Basic Charge	\$ 360.70
kWh - All	\$ 0.055682	kWh - All	\$ 0.061993
Winter kW	\$ 13.49	Winter kW	\$ 12.48
Summer kW	\$ 9.57	Summer kW	\$ 8.47
Average kW	\$ 11.48	Average kW	\$ 10.42
kVarh	\$ 0.00109	kVarh	\$ 0.00113

Schedule 95 - PCA	\$ (0.002861)	\$ -
Schedule 95A - Fed Inc Credit	\$ (0.002492)	\$ (0.002492)
Schedule 120 - Conservation	\$ 0.004008	\$ 0.004008
Schedule 129 - Low Income	\$ 0.000705	\$ 0.000705
Schedule 132 - Merger Credit	\$ (0.000259)	\$ (0.000259)
Schedule 137 - REC	\$ (0.000068)	\$ (0.000068)
Schedule 140 - Property Tax	\$ 0.002302	\$ 0.002302
Schedule 141 - ERF - Basic	\$ 17.40	\$ -
Schedule 141 - ERF - Demand Winter	\$ 0.45	\$ -
Schedule 141 - ERF - Demand Summer	\$ 0.30	\$ -
Schedule 141 - ERF - Reactive Power	\$ 0.00003	\$ -
Schedule 142 - Decoupling kW	\$ 1.44	\$ 0.450000
Schedule 142 - Decoupling 2017	\$ 0.28	\$ -
Schedule 149 - CRM	\$ -	\$ 0.000062
Overall:	6.24%	

Notes:

¹ Includes Rider Schedules 95A, 95, 120, 129, 132, 137, 140, 141 and 142

² Average Non-Seasonal Energy and Demand Rates

**Puget Sound Energy
Monthly Billing Comparison
Schedule 46 - Interruptible Service -High Voltage**

kVa Load Size/ Demand	kWh per kVa (Equiv Hours)	kWh	Monthly Billing ¹		Percent Difference			
			Present Price Schedule 46	Proposed Price Schedule 46		Net Present Price	Net Proposed Price	
1,000	300	300,000	\$26,957	\$27,549	2.20%	Demand (\$ per kVa)	\$ 2.09	\$ 2.22
	500	500,000	\$38,798	\$39,784	2.54%		Energy (\$ per kWh)	\$ 0.059203
	700	700,000	\$50,638	\$52,019	2.73%			
2,000	300	600,000	\$44,718	\$45,901	2.65%	Schedule 95 - PCA	\$ (0.002677)	\$ -
	500	1,000,000	\$68,399	\$70,371	2.88%	Schedule 95A - Fed Inc Credit	\$ (0.001926)	\$ (0.001926)
	700	1,400,000	\$92,080	\$94,841	3.00%	Schedule 120 - Conservation	\$ 0.002836	\$ 0.002836
4,000	300	1,200,000	\$80,240	\$82,606	2.95%	Schedule 129 - Low Income	\$ 0.000610	\$ 0.000610
	500	2,000,000	\$127,602	\$131,546	3.09%	Schedule 132 - Merger Credit	\$ (0.000095)	\$ (0.000095)
	700	2,800,000	\$174,964	\$180,486	3.16%	Schedule 137 - REC	\$ (0.000053)	\$ (0.000053)
6,000	300	1,800,000	\$119,105	\$123,435	3.64%	Schedule 140 - Property Tax	\$ 0.001529	\$ 0.001529
	500	3,000,000	\$190,149	\$196,845	3.52%	Schedule 141 - ERF - Energy	\$ 0.000356	\$ -
	700	4,200,000	\$261,193	\$270,255	3.47%	Schedule 142 - Decoupling kWh	\$ 0.003324	\$ 0.000462
8,000	300	2,400,000	\$158,807	\$164,580	3.64%	Schedule 142 - Decoupling 2017	\$ 0.000886	\$ -
	500	4,000,000	\$253,532	\$262,460	3.52%			
	700	5,600,000	\$348,257	\$360,340	3.47%			
10,000	300	3,000,000	\$198,509	\$205,725	3.64%			
	500	5,000,000	\$316,915	\$328,075	3.52%			
	700	7,000,000	\$435,321	\$450,425	3.47%			

Notes:

¹Includes Rider Schedules 95A, 95, 120, 129, 132, 137, 140, 141 and 142

Schedule 46 Overall: 6.24%

**Puget Sound Energy
Monthly Billing Comparison
Schedule 49 - Large General Service -High Voltage**

kVa Load Size/ Demand	kWh per kVa (Equiv Hours)	kWh	Monthly Billing ¹		Percent Difference			
			Present Price Schedule 49	Proposed Price Schedule 49		Net Present Price	Net Proposed Price	
1,000	300	300,000	\$34,316	\$34,804	1.42%	Demand (\$ per kVa)	\$ 3.70	\$ 3.93
	500	500,000	\$46,340	\$47,154	1.76%	Energy (\$ per kWh)	\$ 0.060120	\$ 0.061747
	700	700,000	\$58,364	\$59,503	1.95%			
2,000	300	600,000	\$52,352	\$53,328	1.86%	Schedule 95 - PCA	\$ (0.002332)	\$ -
	500	1,000,000	\$76,400	\$78,027	2.13%	Schedule 95A - Fed Inc Credit	\$ (0.002249)	\$ (0.002249)
	700	1,400,000	\$100,448	\$102,726	2.27%	Schedule 120 - Conservation	\$ 0.003790	\$ 0.003790
4,000	300	1,200,000	\$88,424	\$90,376	2.21%	Schedule 129 - Low Income	\$ 0.000560	\$ 0.000560
	500	2,000,000	\$136,520	\$139,774	2.38%	Schedule 132 - Merger Credit	\$ (0.000095)	\$ (0.000095)
	700	2,800,000	\$184,616	\$189,172	2.47%	Schedule 137 - REC	\$ (0.000062)	\$ (0.000062)
6,000	300	1,800,000	\$130,416	\$134,725	3.30%	Schedule 140 - Property Tax	\$ 0.001529	\$ 0.001529
	500	3,000,000	\$202,560	\$208,821	3.09%	Schedule 141 - ERF - Energy	\$ 0.000356	\$ -
	700	4,200,000	\$274,704	\$282,917	2.99%	Schedule 142 - Decoupling kWh	\$ 0.003324	\$ 0.000462
8,000	300	2,400,000	\$173,888	\$179,633	3.30%	Schedule 142 - Decoupling 2017	\$ 0.000886	\$ -
	500	4,000,000	\$270,080	\$278,428	3.09%			
	700	5,600,000	\$366,272	\$377,223	2.99%			
10,000	300	3,000,000	\$217,360	\$224,541	3.30%			
	500	5,000,000	\$337,600	\$348,035	3.09%			
	700	7,000,000	\$457,840	\$471,529	2.99%			

Notes:

¹Includes Rider Schedules 95A, 95, 120, 129, 132, 137, 140, 141 and 142

Schedule 49 Overall: 6.24%