

**BEFORE THE WASHINGTON  
UTILITIES & TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,

Complainant,

v.

PUGET SOUND ENERGY

Respondent.

---

DOCKETS UE-220066, UG-220067, and UG-210918 (*Consolidated*)

**GLENN A. WATKINS  
ON BEHALF OF THE  
WASHINGTON STATE OFFICE OF THE ATTORNEY GENERAL  
PUBLIC COUNSEL UNIT**

---

**EXHIBIT GAW-4**

Public Counsel KWh and Billed KW Adjustment

**July 28, 2022**

**PUGET SOUND ENERGY**  
**Public Counsel Forecasted KWh Adjustment**

Rate Schedule	KWH @ Meter		
	PSE	Public Counsel	Adjustment
<b><u>Residential (Rate 7)</u></b>			
2022	10,857,353,000	10,972,303,011	114,950,011
2023	10,846,482,000	11,073,618,751	227,136,751
2024	10,953,273,000	11,175,608,739	222,335,739
2025	11,003,417,000	11,275,386,865	271,969,865
<b><u>Sec. Pumping/Irrig. (Rate 29)</u></b>			
2022	14,336,000	15,377,025	1,041,025
2023	14,668,000	15,533,933	865,933
2024	14,778,000	15,688,905	910,905
2025	14,769,000	15,834,190	1,065,190
<b><u>HV Interruptible (Rate 46)</u></b>			
2022	78,958,000	100,810,051	21,852,051
2023	78,251,000	100,810,051	22,559,051
2024	77,611,000	100,810,051	23,199,051
2025	76,484,000	100,810,051	24,326,051
<b><u>TOTAL TO ADJUST</u></b>			
2022			137,843,087
2023			250,561,735
2024			246,445,695
2025			297,361,107

**PUGET SOUND ENERGY**

**Public Counsel Forecasted Billing KW/KVa Adjustment**

Rate Schedule	Billed KW/KVA @ Meter		
	PSE	Public Counsel	Adjustment
<b><u>Residential (Rate 7)</u></b>			
2022	N/A	N/A	N/A
2023	N/A	N/A	N/A
2024	N/A	N/A	N/A
2025	N/A	N/A	N/A
<b><u>Sec. Pumping/Irrig. (Rate 29)</u></b>			
2022	5,120	7,122	2,002
2023	5,313	7,194	1,881
2024	5,376	7,266	1,890
2025	5,380	7,333	1,953
<b><u>HV Interruptible (Rate 46)</u></b>			
2022	342,089	410,250	68,161
2023	337,746	410,250	72,504
2024	333,917	410,250	76,333
2025	329,590	410,250	80,660
<b>TOTAL TO ADJUST</b>			
2022			70,163
2023			74,385
2024			78,223
2025			82,613

PUGET SOUND ENERGY  
Public Counsel Energy and Billing Demand Adjustment

ENERGY (KWH)					
Residential Rate Schedule 7					
Annual KWH Per Customer			Total Annual KWH Sales		
12 mths	PSE	TAI	PSE	TAI	TAI
Ending	Forecast	Forecast	Forecast	Forecast	Adjustment
<b>Actual/Normalized</b>					
6/21	10,677	10,677	11,355,354,572	11,355,354,572	0
<b>Forecast</b>					
12/22	10,008	10,114	10,857,353,000	10,972,303,011	114,950,011
12/23	9,870	10,077	10,846,482,000	11,073,618,751	227,136,751
12/24	9,840	10,039	10,953,273,000	11,175,608,739	222,335,739
12/25	9,761	10,002	11,003,417,000	11,275,386,865	271,969,865
Secondary Pumping & Irrigation Rate Schedule 29					
Annual KWH Per Customer			Total Annual KWH Sales		
12 mths	PSE	TAI	PSE	TAI	TAI
Ending	Forecast	Forecast	Forecast	Forecast	Adjustment
<b>Actual/Normalized</b>					
6/21	23,246	23,246	15,293,728	15,293,728	0
<b>Forecast</b>					
12/22	21,672	23,246	14,336,000	15,377,025	1,041,025
12/23	21,950	23,246	14,668,000	15,533,933	865,933
12/24	21,896	23,246	14,778,000	15,688,905	910,905
12/25	21,682	23,246	14,769,000	15,834,190	1,065,190
High Voltage Interruptible Rate Schedule 46					
Annual KWH Per Customer			Total Annual KWH Sales		
12 mths	PSE	TAI	PSE	TAI	TAI
Ending	Forecast	Forecast	Forecast	Forecast	Adjustment
<b>Actual/Normalized</b>					
6/21	16,801,675	16,801,675	100,810,051	100,810,051	0
<b>Forecast</b>					
12/22	13,159,667	16,801,675	78,958,000	100,810,051	21,852,051
12/23	13,041,833	16,801,675	78,251,000	100,810,051	22,559,051
12/24	12,935,167	16,801,675	77,611,000	100,810,051	23,199,051
12/25	12,747,333	16,801,675	76,484,000	100,810,051	24,326,051

BILLING DEMAND (KW/KVA)											
Secondary Pumping & Irrigation Rate Schedule 29						Secondary Pumping & Irrigation Rate Schedule 29					
Winter KW Per Customer			Total Winter KW			Summer KW Per Customer			Total Summer KW		
12 mths	PSE	TAI	PSE	TAI	TAI	12 mths	PSE	TAI	PSE	TAI	TAI
Ending	Forecast	Forecast	Forecast	Forecast	Adjustment	Ending	Forecast	Forecast	Forecast	Forecast	Adjustment
<b>Actual/Normalized</b>						<b>Actual/Normalized</b>					
6/21			2,736	2,736	-	6/21			4,347	4,347	-
<b>Forecast</b>						<b>Forecast</b>					
12/22			1,333	2,751	1,418	12/22			3,787	4,371	584
12/23			1,378	2,779	1,401	12/23			3,935	4,415	480
12/24			1,396	2,807	1,411	12/24			3,980	4,459	479
12/25			1,399	2,833	1,434	12/25			3,981	4,501	520
High Voltage Interruptible Rate Schedule 46											
Annual KVA Per Customer			Total Annual KVA								
12 mths	PSE	TAI	PSE	TAI	TAI						
Ending	Forecast	Forecast	Forecast	Forecast	Adjustment						
<b>Actual/Normalized</b>											
6/21			410,250	410,250	-						
<b>Forecast</b>											
12/22			342,089	410,250	68,161						
12/23			337,746	410,250	72,504						
12/24			333,917	410,250	76,333						
12/25			329,590	410,250	80,660						

PUGET SOUND ENERGY  
 PSE Forecasted Energy Usage

Rate Schedule		MWH @ Meter					Bills					KWH Annual Use Per Customer				
		6/21		12/22			6/21		12/22			6/21		12/22		
		Normalized	12/22	12/23	12/24	12/25	2/	12/22	12/23	12/24	12/25	6/21	12/22	12/23	12/24	12/25
7 (7D1, 7D2)	Residential Service	11,355,355	10,857,353	10,846,482	10,953,273	11,003,417	12,762,461	13,018,839	13,187,360	13,358,089	13,527,153	10,677	10,008	9,870	9,840	9,761
8, 24	Secondary Voltage General Service	2,658,833	2,628,117	2,697,633	2,730,372	2,726,800	1,596,239	1,627,324	1,648,258	1,668,606	1,687,811	19,988	19,380	19,640	19,636	19,387
7A, 11, 25	Secondary Voltage General Service	2,856,046	2,836,809	2,911,699	2,948,172	2,946,456	97,294	100,825	100,947	102,398	103,870	352,258	337,632	346,126	345,495	340,401
12, 26, 26P	Secondary Voltage General Service	1,761,911	1,789,712	1,831,289	1,853,862	1,858,617	10,103	10,218	10,573	11,334	12,532	2,092,738	2,101,824	2,078,378	1,962,874	1,779,747
29	Secondary Voltage Pumping & Irrigation Service	15,294	14,336	14,668	14,778	14,769	7,895	7,938	8,019	8,099	8,174	23,246	21,672	21,950	21,896	21,682
10, 31	Primary Voltage General Service	1,307,770	1,318,295	1,332,008	1,335,448	1,324,706	5,887	6,086	6,136	6,164	6,182	2,665,745	2,599,260	2,604,941	2,599,779	2,571,580
35	Primary Voltage Pumping & Irrigation Service	4,388	4,565	4,663	4,695	4,694	24	24	24	24	24	2,193,822	2,282,500	2,331,500	2,347,500	2,347,000
43	Primary Voltage Interruptible Service	114,099	114,881	118,190	119,782	119,354	1,760	1,796	1,816	1,833	1,850	777,949	767,475	781,162	784,324	774,312
46	High Voltage Interruptible Service	100,810	78,958	78,251	77,611	76,484	72	72	72	72	72	16,801,675	13,159,667	13,041,833	12,935,167	12,747,333
49	High Voltage General Service	513,294	504,163	504,715	499,683	489,052	214	214	214	214	214	28,782,826	28,270,822	28,301,776	28,019,607	27,423,477
449, 459	Retail Wheeling Service	1,945,214	1,900,721	1,895,530	1,895,104	1,883,722	240	240	240	240	240	97,260,708	95,036,050	94,776,500	94,755,200	94,186,100
SC	Special Contract	278,070	289,426	289,426	289,426	289,426	1,078	1,068	1,068	1,068	1,068	3,095,402	3,251,279	3,251,279	3,251,279	3,251,279
5	Firm Resale	7,372	7,520	7,521	7,552	7,521	96									
TOTAL EXCLUDING LIGHTING		22,918,456	22,344,856	22,532,075	22,729,758	22,745,018										
3, 50-59	Lighting Service	69,893	64,560	62,703	61,382	60,001										

1/ NEW-PSE-WP-BDJ-5-ELEC-RATE-SPREAD-DESIGN-22GRC-01-2022.XLSX. TAB: Exhibit No. (BDJ-MYRP-SUM)  
 2/ NEW-PSE-WP-BDJ-5-ELEC-RATE-SPREAD-DESIGN-22GRC-01-2022.XLSX. TABs: Specific rate schedule design

PUGET SOUND ENERGY  
 Public Counsel Forecasted Energy Usage

Rate Schedule	Actual Normalized KWH			Bills			Annual KWH Use Per Customer		
	UE-170033	UE-190529	6/21	UE-170033	UE-190529	6/21	UE-170033	UE-190529	6/21
	9/16	12/18		9/16	12/18		9/16	12/18	
7 (7D1, 7D2) Residential Service	10,442,426,489	10,623,030,236	11,355,354,572	11,999,298	12,361,319	12,762,461	10,443	10,313	10,677
29 Secondary Voltage Pumping & Irrigation Service	14,326,829	16,009,314	15,293,728	7,290	7,906	7,895	23,583	24,299	23,246
46 High Voltage Interruptible Service	64,275,358	78,351,492	100,810,051	60	72	72	12,855,072	13,058,582	16,801,675
TOTAL EXCLUDING LIGHTING	22,060,733,038	22,798,285,631	22,918,455,707						

Rate Schedule	Public Counsel Forecast 12 Mos. Ending Dec. 2022					
	Annual Growth Rate	Before EV KWH Use Per Cust.	EV KWH Growth	Total KWH	No. of Customers	Total KWH Sales
	9/16 - 12/18 27 Mos. 2.25 Yrs.	12/18 - 12/22 48 Mos. 4 Yrs	Per Customer @ 12/22	Per Customer @ 12/22		@ 12/22
7 (7D1, 7D2) Residential Service	-0.56%	10,085	29	10,114	1,084,903	10,972,303,011
29 Secondary Voltage Pumping & Irrigation Service		23,246		23,246	662	15,377,025
46 High Voltage Interruptible Service		16,801,675		16,801,675	6	100,810,051

Rate Schedule	Public Counsel Forecast 12 Mos. Ending Dec. 2023						
	Before EV KWH Use Per Cust.	EV KWH Growth	Total KWH	No. of Customers	Total KWH Sales	PSE Forecast @	Public Counsel Adjustment
	12/23 12 Mos. 1 Yr	Per Customer @ 12/23	Per Customer @ 12/23		@ 12/23	12/23	
7 (7D1, 7D2) Residential Service	10,028	48	10,077	1,098,947	11,073,618,751	10,846,482,000	227,136,751
29 Secondary Voltage Pumping & Irrigation Service	23,246		23,246	668	15,533,933	14,668,000	865,933
46 High Voltage Interruptible Service	16,801,675		16,801,675	6	100,810,051	78,251,000	22,559,051

1/ Per JAP-06.  
 2/ Per JAP-39.