

**EXH. BDJ-8
DOCKET UE-20____
2020 PSE PCORC
WITNESS: BIRUD D. JHAVERI**

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY,

Respondent

Docket UE-20____

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

BIRUD D. JHAVERI

ON BEHALF OF PUGET SOUND ENERGY

DECEMBER 9, 2020

Puget Sound Energy
Rate Impacts
Test Year Ended June 30, 2020

Line No.	Tariff	Annual kWh Normalized & Delivered Sales 07/01/19 to 06/30/20	Estimated Annual Base Revenue Rates Effective 10/15/20	Schedule 95 PCA/PDRC	Schedule 95A Federal Incentive Credit	Schedule 120 Conservation	Schedule 129 Low Income	Schedule 137 REC's	Schedule 139 Green Power	Schedule 140 Property Tax	Schedule 141X (Protected EDIT)	Schedule 141Y Tax Over Collection	Schedule 141Z (Unprotected) EDIT
		a	b	c	d	e	f	g	h	i	j	k	l
1	7	10,863,045,096	1,198,750,986	23,188,538	(20,563,741)	50,610,918	11,558,278	(890,770)	(254)	34,859,505	(32,762,938)	(662,646)	(9,602,930)
2	Residential	10,863,045,096	1,198,750,986	23,188,538	(20,563,741)	50,610,918	11,558,278	(890,770)	(254)	34,859,505	(32,762,938)	(662,646)	(9,602,930)
3													
4	24 (8)	2,586,338,527	266,717,014	5,573,098	(4,531,265)	11,170,396	2,625,134	(196,562)	(393,006)	6,833,106	(6,292,561)	(129,317)	(1,844,060)
5	25 (11, 7A)	2,884,671,454	271,468,431	6,414,072	(4,802,978)	11,818,499	2,639,474	(207,696)	(104,076)	6,614,551	(6,582,821)	(129,810)	(1,929,845)
6	26 (12, 26P)	1,841,173,275	159,383,675	4,283,949	(3,371,188)	8,325,786	1,563,156	(145,453)	(98,556)	4,168,417	(3,625,271)	(82,852)	(1,062,357)
7	29	11,424,740	1,039,246	21,164	(15,600)	38,102	9,208	(674)	-	26,197	(26,071)	(514)	(7,643)
8	Total Secondary	7,323,607,996	698,608,366	16,292,283	(12,721,037)	31,352,783	6,836,972	(550,385)	(595,638)	17,642,271	(16,526,724)	(342,493)	(4,843,905)
9													
10	31 (10)	1,335,654,341	114,022,050	2,844,020	(2,193,144)	5,410,736	1,124,621	(94,832)	(87,808)	2,828,916	(2,690,008)	(56,097)	(788,036)
11	35	5,945,040	399,858	9,446	(7,764)	18,947	3,579	(333)	-	12,592	(19,827)	(250)	(5,814)
12	43	116,280,760	10,673,527	197,712	(158,491)	390,936	103,490	(6,861)	(1,610)	350,470	(322,447)	(6,861)	(94,536)
13	Total Primary	1,457,880,141	125,095,435	3,051,178	(2,359,399)	5,820,619	1,231,690	(102,020)	(89,418)	3,191,978	(3,102,282)	(63,208)	(888,386)
14													
15	46	81,635,228	5,647,851	148,375	(84,492)	208,088	55,594	(3,674)	(20,254)	136,984	(125,310)	(2,776)	(36,736)
16	49	563,071,446	38,129,814	1,107,541	(915,554)	2,252,286	3,75,006	(39,415)	(150,594)	944,834	(864,315)	(19,144)	(253,382)
17	Total High Voltage	644,706,674	43,777,665	1,255,916	(1,000,046)	2,460,374	430,600	(43,089)	(170,848)	1,081,818	(989,625)	(21,920)	(290,118)
18													
19	50-59	68,936,798	17,648,843	146,866	(140,355)	345,098	164,070	(6,066)	(1)	656,623	(588,376)	(12,478)	(172,549)
20	Transportation 449-459	1,993,508,562	9,257,177	-	-	2,087,203	85,721	-	-	49,838	(31,896)	(13,955)	(9,968)
21	Special Contract	303,234,527	4,716,791	-	-	1,244,778	186,186	-	-	630,728	(290,195)	(12,129)	(85,209)
22	Retail Sales	22,654,917,793	2,097,855,263	43,934,781	(36,784,578)	93,921,773	20,493,517	(1,592,336)	(856,159)	58,112,761	(54,222,036)	(1,128,829)	(15,993,065)
23													
24													
25	5	7,569,853	346,070	15,016	-	-	(560)	-	-	-	-	-	-
26	Total Sales	22,662,287,646	2,098,201,333	43,949,797	(36,784,578)	93,921,773	20,493,517	(1,592,336)	(856,159)	58,112,761	(54,222,036)	(1,128,829)	(15,993,065)
27													

Puget Sound Energy
Rate Impacts
Test Year Ended June 30, 2020

Line No.	Tariff	Remove:			Add:			Total Proposed Rates at 06/01/2021			Current Average Rates per KWHs			% Change (Net)
		Schedule 142 Deferral	Schedule 194 BPA Res & Farm Credit	Subtotal Rider Rates	Annual Estimated Revenue @ Rates Effective 10/15/20	Schedule 95 PCA/PCORC	Schedule 139 Green Power	Schedule 95 PCA/PCORC	Schedule 139 Green Power	Net Adjustments	u	v	w	
1	7	\$ 3,410,996	\$ (80,235,816)	\$ (21,090,860)	\$ 1,177,660,126	\$ (23,188,538)	\$ 254	\$ 64,475,351	\$ (776)	\$ 41,286,291	\$ 1,218,946,417	\$ 0.108410	\$ 0.112210	3.51%
2	Residential	\$ 3,410,996	\$ (80,235,816)	\$ (21,090,860)	\$ 1,177,660,126	\$ (23,188,538)	\$ 254	\$ 64,475,351	\$ (776)	\$ 41,286,291	\$ 1,218,946,417	\$ 0.108410	\$ 0.112210	3.51%
3														
4	24 (8)	\$ 3,106,193	\$ (1,863,985)	\$ 14,057,171	\$ 280,774,185	\$ (5,573,098)	\$ 393,006	\$ 17,146,841	\$ (1,064,898)	\$ 10,901,851	\$ 291,676,036	\$ 0.108560	\$ 0.112776	3.88%
5	25 (11, 7A)	\$ (175,965)	\$ (1,021,759)	\$ 12,531,646	\$ 284,000,077	\$ (6,414,072)	\$ 104,076	\$ 17,966,023	\$ (289,496)	\$ 11,366,531	\$ 295,366,608	\$ 0.098451	\$ 0.102392	4.00%
6	26 (12, 26P)	\$ 558,730	\$ (121,350)	\$ 10,393,007	\$ 169,776,682	\$ (4,283,949)	\$ 98,556	\$ 11,561,933	\$ (289,077)	\$ 7,087,463	\$ 176,864,145	\$ 0.092211	\$ 0.096061	4.17%
7	29	\$ (697)	\$ (84,385)	\$ (40,919)	\$ 998,327	\$ (21,164)	\$ -	\$ 68,772	\$ -	\$ -47,608	\$ 1,045,935	\$ 0.087383	\$ 0.091550	4.77%
8	Total Secondary	\$ 3,488,261	\$ (3,091,483)	\$ 36,940,905	\$ 735,549,271	\$ (16,292,283)	\$ 595,638	\$ 46,743,569	\$ (1,643,471)	\$ 29,403,453	\$ 764,952,724	\$ 0.100455	\$ 0.104450	4.00%
9														
10	31 (10)	\$ 1,125,689	\$ (188,893)	\$ 7,235,164	\$ 121,257,214	\$ (2,844,020)	\$ 87,808	\$ 7,959,189	\$ (245,576)	\$ 4,957,401	\$ 126,214,615	\$ 0.090785	\$ 0.094496	4.09%
11	35	\$ (363)	\$ (43,911)	\$ (33,698)	\$ 366,160	\$ (9,446)	\$ -	\$ 21,562	\$ -	\$ 12,116	\$ 378,276	\$ 0.061591	\$ 0.063629	3.31%
12	43	\$ (7,093)	\$ -	\$ 444,709	\$ 11,118,236	\$ (197,712)	\$ 1,610	\$ 535,504	\$ (4,908)	\$ 334,494	\$ 11,452,730	\$ 0.095615	\$ 0.098492	3.01%
13	Total Primary	\$ 1,118,233	\$ (232,804)	\$ 7,646,175	\$ 132,741,610	\$ (3,051,178)	\$ 89,418	\$ 8,516,255	\$ (250,484)	\$ 5,304,011	\$ 138,045,621	\$ 0.091051	\$ 0.094689	4.00%
14														
15	46	\$ -	\$ -	\$ 275,799	\$ 5,923,650	\$ (148,375)	\$ 20,254	\$ 397,516	\$ (49,639)	\$ 219,756	\$ 6,143,406	\$ 0.072562	\$ 0.075254	3.71%
16	49	\$ -	\$ -	\$ 2,457,263	\$ 40,567,077	\$ (1,107,541)	\$ 150,594	\$ 3,419,611	\$ (453,625)	\$ 2,029,039	\$ 42,596,116	\$ 0.072046	\$ 0.075650	5.00%
17	Total High Voltage	\$ -	\$ -	\$ 2,713,062	\$ 46,490,727	\$ (1,255,916)	\$ 170,848	\$ 3,817,127	\$ (483,264)	\$ 2,248,795	\$ 48,739,522	\$ 0.072111	\$ 0.075600	4.84%
18														
19	50-59	\$ -	\$ (13,604)	\$ 379,228	\$ 18,028,071	\$ (146,866)	\$ 1	\$ 386,391	\$ (3)	\$ 239,523	\$ 18,267,594	\$ 0.261516	\$ 0.264990	1.33%
20	Transportation 449-459	\$ -	\$ -	\$ 2,166,943	\$ 11,424,120	\$ (1,107,541)	\$ -	\$ -	\$ -	\$ -	\$ 11,424,120	\$ 0.005731	\$ 0.005731	0.00%
21	Special Contract	\$ 781,435	\$ -	\$ 2,455,594	\$ 7,172,385	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,172,385	\$ 0.023653	\$ 0.023653	0.00%
22														
23	Retail Sales	\$ 8,798,925	\$ (83,573,707)	\$ 31,211,047	\$ 2,129,066,310	\$ (43,934,781)	\$ 856,159	\$ 123,938,693	\$ (2,377,998)	\$ 78,482,073	\$ 2,207,548,383	\$ 0.093978	\$ 0.097442	3.69%
24														
25	5	\$ -	\$ -	\$ 14,456	\$ 360,526	\$ (15,016)	\$ -	\$ 41,641	\$ -	\$ 26,625	\$ 387,151	\$ 0.048919	\$ 0.052532	7.39%
26														
27	Total Sales	\$ 8,798,925	\$ (83,573,707)	\$ 31,225,503	\$ 2,129,426,836	\$ (43,949,797)	\$ 856,159	\$ 123,980,334	\$ (2,377,998)	\$ 78,508,698	\$ 2,207,935,534	\$ 0.093963	\$ 0.097428	3.69%

Puget Sound Energy
Residential Customer Impacts
Test Year Ended June 30, 2020

Month	kWh	Current Customer Bill in Notice				Proposed Customer Bill in Notice				% Difference	% Difference
		Basic Charge	First 600 kWh	Over 600 kWh	Bill	Charge	First 600 kWh	Over 600 kWh	Bill		
January	1,167	\$ 7.49	\$ 54.68	\$ 63.13	\$ 125.30	\$ 7.49	\$ 56.96	\$ 65.28	\$ 129.73	\$ 4.43	3.54%
February	953	\$ 7.49	\$ 54.68	\$ 39.30	\$ 101.47	\$ 7.49	\$ 56.96	\$ 40.64	\$ 105.09	\$ 3.62	3.57%
March	991	\$ 7.49	\$ 54.68	\$ 43.53	\$ 105.70	\$ 7.49	\$ 56.96	\$ 45.02	\$ 109.47	\$ 3.77	3.61%
April	796	\$ 7.49	\$ 54.68	\$ 21.82	\$ 83.99	\$ 7.49	\$ 56.96	\$ 22.57	\$ 87.02	\$ 3.03	3.62%
May	711	\$ 7.49	\$ 54.68	\$ 12.36	\$ 74.53	\$ 7.49	\$ 56.96	\$ 12.78	\$ 77.23	\$ 2.70	3.64%
June	671	\$ 7.49	\$ 54.68	\$ 7.90	\$ 70.07	\$ 7.49	\$ 56.96	\$ 8.17	\$ 72.62	\$ 2.55	3.64%
July	666	\$ 7.49	\$ 54.68	\$ 7.35	\$ 69.52	\$ 7.49	\$ 56.96	\$ 7.60	\$ 72.05	\$ 2.53	3.64%
August	678	\$ 7.49	\$ 54.68	\$ 8.68	\$ 70.85	\$ 7.49	\$ 56.96	\$ 8.98	\$ 73.43	\$ 2.58	3.60%
September	623	\$ 7.49	\$ 54.68	\$ 2.56	\$ 64.73	\$ 7.49	\$ 56.96	\$ 2.65	\$ 67.10	\$ 2.37	3.60%
October	805	\$ 7.49	\$ 54.68	\$ 22.82	\$ 84.99	\$ 7.49	\$ 56.96	\$ 23.60	\$ 88.05	\$ 3.06	3.56%
November	1,022	\$ 7.49	\$ 54.68	\$ 46.98	\$ 109.15	\$ 7.49	\$ 56.96	\$ 48.59	\$ 113.04	\$ 3.89	3.54%
December	1,163	\$ 7.49	\$ 54.68	\$ 62.68	\$ 124.85	\$ 7.49	\$ 56.96	\$ 64.82	\$ 129.27	\$ 4.42	3.59%
Annual Total	10,246	\$ 89.88	\$ 656.16	\$ 339.11	\$ 1,085.15	\$ 89.88	\$ 683.52	\$ 350.70	\$ 1,124.10	\$ 38.95	3.58%
Typical Residential	900	\$ 7.49	\$ 54.68	\$ 33.40	\$ 95.57	\$ 7.49	\$ 56.96	\$ 34.54	\$ 98.99	\$ 3.42	3.56%
Typical Residential	1,000	\$ 7.49	\$ 54.68	\$ 44.53	\$ 106.70	\$ 7.49	\$ 56.96	\$ 46.05	\$ 110.50	\$ 3.80	3.54%

	Present Rates		Proposed Rates	
	Effective 12/01/2020	Effective 06/01/2021	Effective 12/01/2020	Effective 06/01/2021
Residential Schedule 7 Rates				
Customer Monthly Charge:				per Month
One Phase Basic Charge	\$ 7.490000	\$ 7.490000	\$ 7.490000	\$ / kWh
Subtotal Base Monthly Charge	\$ 7.490000	\$ 7.490000	\$ 7.490000	\$ / kWh
Energy Charge:				
Schedule 7 first 600 kWh	\$ 0.093071	\$ 0.093071	\$ 0.093071	\$ / kWh
Schedule 129 - Low Income	\$ 0.001064	\$ 0.001064	\$ 0.001064	\$ / kWh
Schedule 140 - Property Tax Rider	\$ 0.003209	\$ 0.003209	\$ 0.003209	\$ / kWh
Schedule 141X EDIT Rider - First 600 kWh	\$ (0.003016)	\$ (0.003016)	\$ (0.003016)	\$ / kWh
Schedule 141Y - Tax Over Collection Rider	\$ (0.000061)	\$ (0.000061)	\$ (0.000061)	\$ / kWh
Schedule 141Z - EDIT Rider	\$ (0.000884)	\$ (0.000884)	\$ (0.000884)	\$ / kWh
Schedule 142 - Decoupling Rider	\$ 0.000314	\$ 0.000314	\$ 0.000314	\$ / kWh
Subtotal Base First 600 kWh Charge	\$ 0.093697	\$ 0.093697	\$ 0.093697	\$ / kWh
Schedule 7 over 600 kWh	\$ 0.113277	\$ 0.113277	\$ 0.113277	\$ / kWh
Schedule 129 - Low Income	\$ 0.001064	\$ 0.001064	\$ 0.001064	\$ / kWh
Schedule 140 - Property Tax Rider	\$ 0.003209	\$ 0.003209	\$ 0.003209	\$ / kWh
Schedule 141X EDIT Rider - Over 600 kWh	\$ (0.003016)	\$ (0.003016)	\$ (0.003016)	\$ / kWh
Schedule 141Y - Tax Over Collection Rider	\$ (0.000061)	\$ (0.000061)	\$ (0.000061)	\$ / kWh
Schedule 141Z - EDIT Rider	\$ (0.000884)	\$ (0.000884)	\$ (0.000884)	\$ / kWh
Schedule 142 - Decoupling Rider	\$ 0.000314	\$ 0.000314	\$ 0.000314	\$ / kWh
Subtotal Base Over 600 kWh Charge	\$ 0.113903	\$ 0.113903	\$ 0.113903	\$ / kWh
Schedule 194 - BPA Exchange Credit	\$ (0.007386)	\$ (0.007386)	\$ (0.007386)	\$ / kWh
Other Electric Charges and Credits				
Schedule 95 - Power Cost Adjustment Clause	\$ 0.002135	\$ 0.005935	\$ 0.005935	\$ / kWh
Schedule 95A - Wind Power Production Credit	\$ (0.001893)	\$ (0.001893)	\$ (0.001893)	\$ / kWh
Schedule 120 - Conservation Rider	\$ 0.004659	\$ 0.004659	\$ 0.004659	\$ / kWh
Schedule 137 - Renewable Energy Credit	\$ (0.000082)	\$ (0.000082)	\$ (0.000082)	\$ / kWh
Subtotal Other Charges	\$ 0.004819	\$ 0.008619	\$ 0.008619	\$ / kWh
Total Block 1 Energy Charge	\$ 0.091130	\$ 0.094930	\$ 0.094930	\$ / kWh
Total Block 2 Energy Charge	\$ 0.111336	\$ 0.115136	\$ 0.115136	\$ / kWh

Average Residential Usage Rate Year Ended May 2022					
Year	Month No.	Forecast kWh	Forecast Customer Count	Average Use per Customer	
2022	1	1,233,473,000	1,057,402	1,167	
2022	2	1,007,809,000	1,058,018	953	
2022	3	1,048,900,000	1,058,633	991	
2022	4	843,431,000	1,059,249	796	
2022	5	753,998,000	1,059,754	711	
2021	6	704,328,000	1,050,246	671	
2021	7	699,409,000	1,050,812	666	
2021	8	713,053,000	1,051,819	678	
2021	9	656,152,000	1,052,826	623	
2021	10	848,450,000	1,053,834	805	
2021	11	1,078,386,000	1,055,023	1,022	
2021	12	1,228,696,000	1,056,213	1,163	
	Total	10,816,085,000	12,663,829	10,246	
	Average			854	