

**EXH. JAP-37  
DOCKETS UE-170033/UG-170034  
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-170033  
Docket UG-170034**

**THIRD EXHIBIT (NONCONFIDENTIAL) TO THE  
PREFILED SUPPLEMENTAL DIRECT TESTIMONY OF**

**JON A. PILIARIS**

**ON BEHALF OF PUGET SOUND ENERGY**

**APRIL 3, 2017**

Puget Sound Energy  
2017 General Rate Case Supplemental - Gas  
Adjustments to Volume (Therms) by Rate Schedule  
Test Year Ended September 30, 2016

Line	Rate Class	Volume		Schedule 41 Migration Adjustment	Weather Normalization Adjustment		Total Adjustments	Restated Normalized Volume
		A	B		C	D		
1	Residential (16,23,53)		519,955,431	911,889		56,767,210	57,679,099	577,634,529
2	Commercial & industrial (31)		199,451,009	-565,236		15,704,279	15,139,043	214,590,052
3	Transportation - Commercial & Industrial (31T)		21,297	1,584	0	0	1,584	22,881
4	Large volume (41)		64,107,846	-1,221,660	-16,095,148	2,985,198	-14,331,610	49,776,236
5	Transportation - large volume (41T)		17,609,376	-163,755	-12,727,804	188,268	-12,703,291	4,906,085
6	Compressed natural gas (50)		0	0	0	0	0	0
7	Interruptible (85)		16,447,880	-191,201	16,095,148	1,464,393	17,368,340	33,816,220
8	Transportation - interruptible (85T)		78,790,327	74,753	12,727,804	849,209	13,651,766	92,442,093
9	Limited interruptible (86)		8,975,305	-98,496		748,087	649,591	9,624,897
10	Transportation - limited interruptible (86T)		363,216	9,418		0	9,418	372,634
11	Non exclusive interruptible (87)		20,799,442	1,531,882		699,913	2,231,795	23,031,236
12	Transportation - non exclusive interruptible (87T)		98,389,417	-303,627		1,139,047	835,420	99,224,837
13	Contracts		34,654,652	-4,478		2,458,882	2,454,404	37,109,056
14	Total sales and transport volume		1,059,565,197	-18,926	0	83,004,486	82,985,560	1,142,550,757

Puget Sound Energy  
2017 General Rate Case Supplemental - Gas  
Reconciliation of Revenue at Actual Rates by Rate Schedule  
Test Year Ended September 30, 2016

Reconciliation of Test Year Revenue

Line	Rate Class	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
		Income Statement Revenue	Municipal Taxes	Remove Municipal Taxes	Remove Trunkers	Remove Property Tax Sch. 140	Remove ERF Sch. 141	Remove Decoupling/Rate Plan Sch. 142	Remove CRM Sch. 149	Other Restating Adjustments	PGA Adjustment	Schedule 41 Migration Adjustment	Weather Normalization Adjustment	RAF (1) Adjustment	Total Adjustments	Restated Normalized Revenue at Actual Rates
1	Residential (16,23,53)	\$ 575,789,378	\$ (24,974,640)	\$ 6,339,597	\$ (13,464,575)	\$ 1,341,319	\$ (23,184,064)	\$ (4,057,056)	\$ (4,057,056)	\$ (375,783)	\$ (16,463,003)	\$ -	\$ 44,404,445	\$ 346,581	\$ (30,067,178)	\$ 545,722,200
2	Commercial & Industrial (31)	193,390,516	(10,400,877)	2,665,201	(4,906,021)	398,486	(6,885,180)	(1,530,309)	(976,692)	(976,692)	(6,457,235)	11,258,712	126,608	126,608	(16,707,307)	176,683,209
3	Large volume (41)	44,546,893	(2,355,874)	1,285,691	(591,923)	702,443	(1,345,580)	(234,511)	(490,739)	(490,739)	(1,929,392)	9,254,407	1,919,219	23,395	(12,806,879)	31,740,014
4	Transportation - large volume (41T)	4,440,208	(233,200)	703,963	(165,770)	17,383	(358,959)	(65,017)	(723,504)	(723,504)	(2,084,250)	(156,843)	-	-	(3,066,196)	1,374,012
5	Transportation - general services (31T)	16,444	(900)	(67)	(536)	70	(791)	(184)	(184)	(184)	-	-	-	-	(1,089)	15,355
6	Compressed Natural Gas Service (54)	25,277	-	-	-	-	-	-	(25,277)	(25,277)	-	-	-	-	(25,277)	-
7	Interruptible (85)	8,535,887	(398,815)	(238,440)	(68,128)	7,818	(127,124)	(28,374)	(434,610)	(434,610)	(518,225)	9,841,792	(290,910)	17,246	8,631,450	17,167,338
8	Transportation - interruptible (85T)	8,949,863	(491,826)	(61,228)	(329,350)	36,176	(551,902)	(136,358)	69,445	69,445	(266,158)	1,955,800	206,474	5,005	697,131	9,646,593
9	Limited interruptible (86)	6,060,694	(337,558)	436,679	(9,307)	9,703	(176,839)	(31,314)	(303,229)	(303,229)	(2,661,588)	382,863	-	-	(373,926)	5,686,768
10	Transportation - Limited interruptible (86T)	104,807	(6,602)	(376)	(3,845)	423	(7,413)	(876)	876	876	(602,720)	-	-	-	(18,193)	86,614
11	Non exclusive interruptible (87)	9,230,288	(473,048)	31,110	(718,777)	5,931	(83,190)	(30,816)	(1,188,636)	(1,188,636)	(602,720)	-	270,446	11,976	24,649	9,476,737
12	Transportation - non exclusive interruptible (87T)	4,724,699	(301,405)	(11,838)	(318,706)	22,456	(277,955)	(44,152)	(2,815)	(2,815)	-	-	23,316	-	(1,011,099)	3,713,600
13	Contracts	1,672,501	(92,444)	9,287	(135,943)	8,589	-	(59,920)	(57,413)	(57,413)	-	-	20,802	-	(307,192)	1,370,309
14	Total revenue from sales/transport	\$ 857,492,456	\$ (40,067,189)	\$ 11,176,578	\$ (20,149,803)	\$ 1,918,596	\$ (32,888,997)	\$ (6,319,268)	\$ (1,260,760)	\$ (1,260,760)	\$ (2,623,673)	\$ 458,934	\$ 58,038,526	\$ 530,812	\$ (54,809,307)	\$ 802,683,149
15	Rentals	6,966,060	\$ (367,128)	53,666	(270,441)	28,151	(498,562)	-	129,801	129,801	-	-	-	-	(924,511)	6,041,548
16	Decoupling Deferral/Amortization Revenue	24,029,579	-	25,000	-	-	(24,029,579)	-	-	-	-	-	-	-	(24,029,579)	7,009,594
17	Other operating revenue	6,984,504	-	-	-	-	-	-	-	-	-	-	-	-	25,000	-
18	Total other operating revenue	\$ 37,980,142	\$ (367,128)	\$ 28,757	\$ (270,441)	\$ 28,151	\$ (24,528,140)	\$ -	\$ 129,801	\$ 129,801	\$ -	\$ -	\$ -	\$ -	\$ (24,929,000)	\$ 13,051,143
19	Total operating revenue	\$ 895,472,599	\$ (40,434,317)	\$ 11,255,335	\$ (20,420,244)	\$ 1,946,748	\$ (37,427,138)	\$ (6,319,268)	\$ (1,130,964)	\$ (1,130,964)	\$ (26,236,731)	\$ 458,934	\$ 58,038,526	\$ 530,812	\$ (79,738,307)	\$ 815,734,292
20	Gas cost (Schedule 101)	326,393,369	-	-	-	-	-	-	-	-	-	-	-	-	-	326,393,369
21	Gas revenue (Schedule 101)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Restated Gas Costs (Schedule 101) & Margin

Line	Rate Class	P	Q	R
		Restated Sch. 101 Gas Revenue	Restated Sch. 101 Gas Cost	Restated Gas Cost
22	Residential (16,23,53)	\$ 241,394,365	\$ 230,419,314	\$ 88,248,013
23	Commercial & Industrial (31)	88,248,013	84,235,179	19,591,404
24	Large volume (41)	19,591,404	18,693,490	3,434
25	Transportation - large volume (41T)	3,434	3,434	16
26	Transportation - general services (31T)	16	16	12,929,056
27	Interruptible (85)	12,929,056	12,339,634	64,709
28	Transportation - interruptible (85T)	64,709	64,709	3,594,995
29	Limited interruptible (86)	3,594,995	3,431,385	261
30	Transportation - limited interruptible (86T)	261	261	8,331,780
31	Non exclusive interruptible (87)	8,331,780	7,952,916	69,457
32	Transportation - non exclusive interruptible (87T)	69,457	69,457	-
33	Contracts	-	-	-
34	Total revenue from sales/transport	\$ 374,227,491	\$ 357,209,797	-

(1) Adjustment from actual to proposed revenue adjustment factor (RAF).