

EXHIBIT NO. ___(JKP-4)
DOCKET NO. UG-10___
WITNESS: JANET K. PHELPS

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

In the Matter of
PUGET SOUND ENERGY, INC.'S
Natural Gas Tariff Increase

Docket No. UG-10_____

**THIRD EXHIBIT (NONCONFIDENTIAL) TO THE
PREFILED DIRECT TESTIMONY OF
JANET K. PHELPS
ON BEHALF OF PUGET SOUND ENERGY, INC.**

OCTOBER 1, 2010

**Puget Sound Energy - 2010 Gas Cost of Service Study
Proposed Test Year Without Gas**

Line No.	Description	Total Company	Residential (16,23,53)	Comm. & Indus. (31,61)	Large Volume (41,41T)	Interruptible (85, 85T)	Limited Interruptible (86)	Non-Exclusive Interruptible (87, 87T)	Contracts	Rentals
	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)	(k)
Summary										
Rate Base										
1	Plant in Service	\$ 2,768,540,914	\$ 1,882,032,883	\$ 617,288,941	\$ 108,116,549	\$ 47,272,568	\$ 12,620,798	\$ 46,484,028	\$ 15,827,164	\$ 38,897,982
2	Accumulated Reserve	(936,593,262)	(633,106,504)	(207,868,582)	(33,172,913)	(14,445,994)	(3,974,869)	(13,800,959)	(4,691,113)	(25,532,328)
3	Other Rate Base Items	(216,162,481)	(148,394,125)	(48,140,317)	(8,708,136)	(3,768,641)	(881,226)	(3,808,767)	(1,379,670)	(1,081,598)
4	TOTAL RATE BASE	\$ 1,615,785,171	\$ 1,100,532,254	\$ 361,280,042	\$ 66,235,500	\$ 29,057,933	\$ 7,764,703	\$ 28,874,302	\$ 9,756,381	\$ 12,284,055
Revenue at Current Rates										
5	Gas Revenues	-	-	-	-	-	-	-	-	-
6	Base Rate Revenues	400,761,162	275,064,939	79,529,687	19,061,817	8,798,769	3,002,014	5,744,807	1,635,888	7,923,242
7	Other Revenues	7,186,116	5,565,312	1,370,000	120,542	53,097	5,313	5,123	12	66,716
8	TOTAL REVENUE	\$ 407,947,279	\$ 280,630,251	\$ 80,899,688	\$ 19,182,359	\$ 8,851,865	\$ 3,007,327	\$ 5,749,930	\$ 1,635,900	\$ 7,989,958
Expenses at Current Rates										
9	Operation and Maintenance	124,624,409	92,931,581	22,791,398	3,423,159	1,637,333	509,870	1,368,824	417,952	1,544,292
10	Depreciation Expense	107,282,969	73,141,606	23,600,722	4,129,972	1,817,024	482,832	1,772,401	602,574	1,735,838
11	Taxes Other Than Income	31,067,038	21,244,253	6,481,832	1,335,652	613,634	193,818	471,493	145,561	580,794
12	Income Taxes	29,417,136	20,036,393	6,577,498	1,205,890	529,031	141,365	525,688	177,626	223,645
13	TOTAL EXPENSES - Current	\$ 292,391,553	\$ 207,353,833	\$ 59,451,451	\$ 10,094,673	\$ 4,597,022	\$ 1,327,885	\$ 4,138,407	\$ 1,343,713	\$ 4,084,569
14	Operating Income - Current	\$ 115,555,726	\$ 73,276,418	\$ 21,448,237	\$ 9,087,686	\$ 4,254,843	\$ 1,679,442	\$ 1,611,523	\$ 292,187	\$ 3,905,389
15	Current Rate of Return	7.15%	6.66%	5.94%	13.72%	14.64%	21.63%	5.58%	2.99%	31.79%
Calculation of Rate Schedule Revenue Requirement at Equal Rates of Return										
16	Required Return	8.10%	8.10%	8.10%	8.10%	8.10%	8.10%	8.10%	8.10%	8.10%
17	Required Operating Income	\$ 130,878,599	\$ 89,143,113	\$ 29,263,683	\$ 5,365,076	\$ 2,353,693	\$ 628,941	\$ 2,338,818	\$ 790,267	\$ 995,008
18	Operating Income (Deficiency)/Surplus	(15,322,873)	(15,866,694)	(7,815,446)	3,722,611	1,901,151	1,050,501	(727,295)	(498,080)	2,910,380
19	Revenue Conversion Factor	0.6218								
20	Revenue (Deficiency) / Surplus	\$ (24,643,005)	\$ (22,228,299)	\$ (9,871,503)	\$ 3,336,264	\$ 1,730,863	\$ 1,003,314	\$ (889,011)	\$ (551,964)	\$ 2,827,331
21	Revenue Requirement	\$ 432,590,284	\$ 302,858,551	\$ 90,771,191	\$ 15,846,095	\$ 7,121,003	\$ 2,004,013	\$ 6,638,941	\$ 2,187,864	\$ 5,162,627
22	Revenues Other Than Rate Sch. Rev.	7,186,116	5,565,312	1,370,000	120,542	53,097	5,313	5,123	12	66,716
23	Rate Schedule Revenue Requirement	425,404,167	297,293,238	89,401,191	15,725,553	7,067,906	1,998,699	6,633,818	2,187,851	5,095,911
24	Deficiency / (Surplus) as % of Rate Rev	6.15%	8.08%	12.41%	-17.50%	-19.67%	-33.42%	15.48%	33.74%	-35.68%
Expenses at Required Return										
25	Operation and Maintenance	\$ 124,747,353	\$ 93,023,900	\$ 22,814,819	\$ 3,426,268	\$ 1,638,462	\$ 510,318	\$ 1,369,531	\$ 418,153	\$ 1,545,903
26	Depreciation Expense	107,282,969	73,141,606	23,600,722	4,129,972	1,817,024	482,832	1,772,401	602,574	1,735,838
27	Taxes Other Than Income	32,013,453	21,893,831	6,669,645	1,380,667	634,413	200,908	485,059	149,424	599,506
28	Income Taxes	37,667,909	25,656,102	8,422,323	1,544,112	677,412	181,014	673,131	227,445	286,371
29	TOTAL EXPENSES - Required	\$ 301,711,685	\$ 213,715,438	\$ 61,507,508	\$ 10,481,019	\$ 4,767,310	\$ 1,375,072	\$ 4,300,122	\$ 1,397,597	\$ 4,167,618
30	Rate Schedule Revenue as Proposed	\$ 425,145,613	\$ 292,022,577	\$ 84,431,086	\$ 20,235,998	\$ 9,340,499	\$ 3,187,075	\$ 6,098,959	\$ 1,676,069	\$ 8,153,349
31	Other Revenue	7,186,116	5,565,312	1,370,000	120,542	53,097	5,313	5,123	12	66,716
32	Revenue as Proposed	\$ 432,331,730	\$ 297,587,890	\$ 85,801,087	\$ 20,356,541	\$ 9,393,596	\$ 3,192,389	\$ 6,104,082	\$ 1,676,081	\$ 8,220,065
33	Proposed Revenue Increase	\$ 24,384,451	\$ 16,957,638	\$ 4,901,399	\$ 1,174,182	\$ 541,731	\$ 185,062	\$ 354,152	\$ 40,181	\$ 230,107
34	Proposed Revenue - Revenue Requirement	\$ 432,331,730	\$ 297,587,890	\$ 85,801,087	\$ 20,356,541	\$ 9,393,596	\$ 3,192,389	\$ 6,104,082	\$ 1,676,081	\$ 8,220,065
35	Current Revenue to Cost Ratio	0.94	0.93	0.89	1.21	1.24	1.50	0.87	0.75	1.55
36	Parity Ratio	1.00	0.98	0.94	1.29	1.32	1.59	0.92	0.79	1.65
37	Proposed Revenue to Cost Ratio	1.00	0.98	0.94	1.29	1.32	1.59	0.92	0.77	1.60

Puget Sound Energy - 2010 Gas Cost of Service Study
Proposed Test Year Without Gas

Line No.	Description	Total Company	Residential (16,23,53)	Comm. & Indus. (31,61)	Large Volume (41,41T)	Interruptible (85, 85T)	Limited Interruptible (86)	Non-Exclusive Interruptible (87, 87T)	Contracts	Rentals
	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)	(k)
Functional Rate Base										
Gas Supply										
1	Demand	\$ 1,478,266	\$ 1,053,049	\$ 356,165	\$ 65,738	\$ 1,642	\$ 1,585	\$ 87	\$ -	\$ -
2	Commodity	\$ 1,740,272	\$ 1,018,780	\$ 366,334	\$ 143,161	\$ 63,034	\$ 26,440	\$ 105,061	\$ 17,461	\$ -
3	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Sub-total	\$ 3,218,538	\$ 2,071,829	\$ 722,499	\$ 208,899	\$ 64,676	\$ 28,025	\$ 105,148	\$ 17,461	\$ -
Storage										
7	Demand	\$ 37,494,763	\$ 26,025,895	\$ 7,952,878	\$ 1,912,290	\$ 415,829	\$ 599,559	\$ 588,310	\$ -	\$ -
8	Commodity	\$ 5,354,648	\$ 2,687,750	\$ 966,465	\$ 393,757	\$ 405,260	\$ 69,755	\$ 654,099	\$ 177,561	\$ -
9	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Sub-total	\$ 42,849,410	\$ 28,713,645	\$ 8,919,343	\$ 2,306,048	\$ 821,090	\$ 669,314	\$ 1,242,410	\$ 177,561	\$ -
Transmission										
13	Demand	\$ 1,046,841	\$ 665,164	\$ 228,611	\$ 57,534	\$ 31,592	\$ 5,195	\$ 44,494	\$ 14,251	\$ -
14	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Sub-total	\$ 1,046,841	\$ 665,164	\$ 228,611	\$ 57,534	\$ 31,592	\$ 5,195	\$ 44,494	\$ 14,251	\$ -
Distribution										
19	Demand	\$ 912,133,002	\$ 591,643,802	\$ 203,480,880	\$ 51,775,270	\$ 24,627,286	\$ 4,753,973	\$ 26,707,940	\$ 9,143,851	\$ -
20	Commodity	\$ 533,634	\$ 267,856	\$ 96,316	\$ 39,241	\$ 40,387	\$ 6,952	\$ 65,186	\$ 17,695	\$ -
21	Customer	\$ 636,269,716	\$ 465,222,534	\$ 144,185,943	\$ 10,835,902	\$ 2,835,963	\$ 2,050,043	\$ 427,180	\$ 334,856	\$ 10,377,293
22	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Sub-total	\$ 1,548,936,351	\$ 1,057,134,192	\$ 347,763,140	\$ 62,650,414	\$ 27,503,637	\$ 6,810,968	\$ 27,200,306	\$ 9,496,402	\$ 10,377,293
Gas Costs										
25	Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	Sub-total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sales Specific Costs										
31	Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34	Direct Sales	\$ 19,242,181	\$ 11,947,424	\$ 3,646,450	\$ 917,587	\$ 365,919	\$ 251,201	\$ 206,839	\$ -	\$ 1,906,762
35	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Sub-total	\$ 19,242,181	\$ 11,947,424	\$ 3,646,450	\$ 917,587	\$ 365,919	\$ 251,201	\$ 206,839	\$ -	\$ 1,906,762
Transport Specific Costs										
37	Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
41	Direct Transport	\$ 491,849	\$ -	\$ -	\$ 95,018	\$ 271,020	\$ -	\$ 75,104	\$ 50,706	\$ -
42	Sub-total	\$ 491,849	\$ -	\$ -	\$ 95,018	\$ 271,020	\$ -	\$ 75,104	\$ 50,706	\$ -

**Puget Sound Energy - 2010 Gas Cost of Service Study
Proposed Test Year Without Gas**

Line No.	Description	Total Company	Residential (16,23,53)	Comm. & Indus. (31,61)	Large Volume (41,41T)	Interruptible (85, 85T)	Limited Interruptible (86)	Non-Exclusive Interruptible (87, 87T)	Contracts	Rentals
	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)	(k)
TOTAL										
43	Demand	\$ 952,152,871	\$ 619,387,911	\$ 212,018,533	\$ 53,810,833	\$ 25,076,349	\$ 5,360,312	\$ 27,340,831	\$ 9,158,102	\$ -
44	Commodity	\$ 7,628,554	\$ 3,974,386	\$ 1,429,116	\$ 576,159	\$ 508,682	\$ 103,146	\$ 824,347	\$ 212,717	\$ -
45	Customer	\$ 636,269,716	\$ 465,222,534	\$ 144,185,943	\$ 10,835,902	\$ 2,835,963	\$ 2,050,043	\$ 427,180	\$ 334,856	\$ 10,377,293
46	Direct Sales	\$ 19,242,181	\$ 11,947,424	\$ 3,646,450	\$ 917,587	\$ 365,919	\$ 251,201	\$ 206,839	\$ -	\$ 1,906,762
47	Direct Transport	\$ 491,849	\$ -	\$ -	\$ 95,018	\$ 271,020	\$ -	\$ 75,104	\$ 50,706	\$ -
48	TOTAL RATE BASE	\$ 1,615,785,171	\$ 1,100,532,254	\$ 361,280,042	\$ 66,235,500	\$ 29,057,933	\$ 7,764,703	\$ 28,874,302	\$ 9,756,381	\$ 12,284,055

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Line No.	Description	Total Company	Residential (16,23,53)	Comm. & Indus. (31,61)	Large Volume (41,41T)	Interruptible (85, 85T)	Limited Interruptible (86)	Non-Exclusive Interruptible (87, 87T)	Contracts	Rentals
	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)	(k)
Functional Revenue Requirement										
Gas Supply										
1	Demand	\$ 797,930	\$ 568,409	\$ 192,249	\$ 35,484	\$ 886	\$ 855	\$ 47	\$ -	\$ -
2	Commodity	\$ 1,490,491	\$ 868,790	\$ 312,401	\$ 122,219	\$ 55,767	\$ 22,548	\$ 92,768	\$ 15,998	\$ -
3	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Sub-total	\$ 2,288,421	\$ 1,437,199	\$ 504,649	\$ 157,703	\$ 56,653	\$ 23,403	\$ 92,815	\$ 15,998	\$ -
Storage										
7	Demand	\$ 7,048,929	\$ 4,892,808	\$ 1,495,123	\$ 359,506	\$ 78,175	\$ 112,716	\$ 110,601	\$ -	\$ -
8	Commodity	\$ 966,419	\$ 485,091	\$ 174,430	\$ 71,066	\$ 73,142	\$ 12,589	\$ 118,053	\$ 32,047	\$ -
9	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Sub-total	\$ 8,015,348	\$ 5,377,900	\$ 1,669,553	\$ 430,572	\$ 151,317	\$ 125,305	\$ 228,654	\$ 32,047	\$ -
Transmission										
13	Demand	\$ 1,271,066	\$ 807,637	\$ 277,577	\$ 69,858	\$ 38,358	\$ 6,308	\$ 54,024	\$ 17,303	\$ -
14	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Sub-total	\$ 1,271,066	\$ 807,637	\$ 277,577	\$ 69,858	\$ 38,358	\$ 6,308	\$ 54,024	\$ 17,303	\$ -
Distribution										
19	Demand	\$ 188,998,645	\$ 122,571,094	\$ 42,154,988	\$ 10,725,304	\$ 5,107,833	\$ 984,661	\$ 5,554,543	\$ 1,900,222	\$ -
20	Commodity	\$ 18,010,009	\$ 12,278,116	\$ 3,565,701	\$ 868,088	\$ 419,797	\$ 137,349	\$ 307,319	\$ 86,766	\$ 346,875
21	Customer	\$ 187,844,812	\$ 143,270,006	\$ 37,977,240	\$ 2,387,826	\$ 580,352	\$ 427,719	\$ 85,644	\$ 68,657	\$ 3,047,370
22	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Sub-total	\$ 394,853,466	\$ 278,119,215	\$ 83,697,929	\$ 13,981,217	\$ 6,107,981	\$ 1,549,728	\$ 5,947,505	\$ 2,055,645	\$ 3,394,245
Gas Costs										
25	Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	Sub-total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sales Specific Costs										
31	Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34	Direct Sales	\$ 25,531,149	\$ 17,116,600	\$ 4,621,483	\$ 1,093,746	\$ 406,735	\$ 299,268	\$ 224,935	\$ -	\$ 1,768,382
35	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Sub-total	\$ 25,531,149	\$ 17,116,600	\$ 4,621,483	\$ 1,093,746	\$ 406,735	\$ 299,268	\$ 224,935	\$ -	\$ 1,768,382
Transport Specific Costs										
37	Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
41	Direct Transport	\$ 630,833	\$ -	\$ -	\$ 112,998	\$ 359,957	\$ -	\$ 91,006	\$ 66,871	\$ -
42	Sub-total	\$ 630,833	\$ -	\$ -	\$ 112,998	\$ 359,957	\$ -	\$ 91,006	\$ 66,871	\$ -

Puget Sound Energy - 2010 Gas Cost of Service Study
Proposed Test Year Without Gas

Line No.	Description	Total Company	Residential (16,23,53)	Comm. & Indus. (31,61)	Large Volume (41,41T)	Interruptible (85, 85T)	Limited Interruptible (86)	Non-Exclusive Interruptible (87, 87T)	Contracts	Rentals
	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)	(k)
TOTAL										
43	Demand	\$ 198,116,570	\$ 128,839,948	\$ 44,119,937	\$ 11,190,152	\$ 5,225,252	\$ 1,104,540	\$ 5,719,215	\$ 1,917,526	\$ -
44	Commodity	\$ 20,466,919	\$ 13,631,997	\$ 4,052,531	\$ 1,061,373	\$ 548,706	\$ 172,486	\$ 518,140	\$ 134,810	\$ 346,875
45	Customer	\$ 187,844,812	\$ 143,270,006	\$ 37,977,240	\$ 2,387,826	\$ 580,352	\$ 427,719	\$ 85,644	\$ 68,657	\$ 3,047,370
46	Direct Sales	\$ 25,531,149	\$ 17,116,600	\$ 4,621,483	\$ 1,093,746	\$ 406,735	\$ 299,268	\$ 224,935	\$ -	\$ 1,768,382
47	Direct Transport	\$ 630,833	\$ -	\$ -	\$ 112,998	\$ 359,957	\$ -	\$ 91,006	\$ 66,871	\$ -
48	TOTAL REVENUE REQUIREMENT	\$ 432,590,284	\$ 302,858,551	\$ 90,771,191	\$ 15,846,095	\$ 7,121,003	\$ 2,004,013	\$ 6,638,941	\$ 2,187,864	\$ 5,162,627
49	TOTAL FIXED COSTS	\$ 412,123,365	\$ 289,226,554	\$ 86,718,660	\$ 14,784,722	\$ 6,572,296	\$ 1,831,527	\$ 6,120,800	\$ 2,053,054	\$ 4,815,752

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Line No.	Description	Total Company	Residential (16,23,53)	Comm. & Indus. (31,61)	Large Volume (41,41T)	Interruptible (85, 85T)	Limited Interruptible (86)	Non-Exclusive Interruptible (87, 87T)	Contracts	Rentals
	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)	(k)
Unit Costs										
Gas Supply										
1	Demand (per Peak Day therm per month)	\$ 0.0072	\$ 0.0074	\$ 0.0074	\$ 0.0070	\$ 0.0010	\$ 0.0074	\$ 0.0001	\$ -	\$ -
2	Commodity (per therm)	\$ 0.0014	\$ 0.0016	\$ 0.0016	\$ 0.0015	\$ 0.0007	\$ 0.0016	\$ 0.0007	\$ 0.0004	\$ -
3	Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Demand and Commodity (per therm)	\$ 0.0021	\$ 0.0026	\$ 0.0026	\$ 0.0020	\$ 0.0007	\$ 0.0016	\$ 0.0007	\$ 0.0004	\$ -
Storage										
7	Demand (per Peak Day therm per month)	\$ 0.0638	\$ 0.0633	\$ 0.0572	\$ 0.0705	\$ 0.0856	\$ 0.9696	\$ 0.2408	\$ -	\$ -
8	Commodity (per therm)	\$ 0.0009	\$ 0.0009	\$ 0.0009	\$ 0.0009	\$ 0.0009	\$ 0.0009	\$ 0.0009	\$ 0.0009	\$ -
9	Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Demand and Commodity (per therm)	\$ 0.0074	\$ 0.0098	\$ 0.0085	\$ 0.0054	\$ 0.0018	\$ 0.0088	\$ 0.0017	\$ 0.0009	\$ -
Transmission										
13	Demand (per Peak Day therm per month)	\$ 0.0115	\$ 0.0105	\$ 0.0106	\$ 0.0137	\$ 0.0420	\$ 0.0543	\$ 0.1176	\$ 0.0375	\$ -
14	Commodity (per therm)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Demand and Commodity (per therm)	\$ 0.0012	\$ 0.0015	\$ 0.0014	\$ 0.0009	\$ 0.0005	\$ 0.0004	\$ 0.0004	\$ 0.0005	\$ -
Distribution										
19	Demand (per Peak Day therm per month)	\$ 1.7117	\$ 1.5869	\$ 1.6137	\$ 2.1027	\$ 5.5900	\$ 8.4706	\$ 12.0941	\$ 4.1149	\$ -
20	Commodity (per therm)	\$ 0.0165	\$ 0.0224	\$ 0.0181	\$ 0.0108	\$ 0.0051	\$ 0.0097	\$ 0.0023	\$ 0.0024	\$ -
21	Customer (per customer per month)	\$ 20.9099	\$ 17.2578	\$ 58.3581	\$ 96.0509	\$ 363.8568	\$ 102.7182	\$ 313.7128	\$ 476.7841	\$ -
22	Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Demand and Commodity (per therm)	\$ 0.1899	\$ 0.2464	\$ 0.2324	\$ 0.1446	\$ 0.0670	\$ 0.0790	\$ 0.0440	\$ 0.0550	\$ -
Gas Costs										
25	Demand (per Peak Day therm per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26	Commodity (per therm)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27	Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28	Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	Demand and Commodity (per therm)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sales Specific Costs										
31	Demand (per Peak Day therm per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32	Commodity (per therm)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33	Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34	Direct Sales (per sales customer per month)	\$ 2.843	\$ 2.062	\$ 7.102	\$ 44.476	\$ 1,045.592	\$ 71.870	\$ 1,922.525	\$ -	\$ -
35	Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transport Specific Costs										
36	Demand (per Peak Day therm per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
37	Commodity (per therm)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Direct Transport (per transp. cust. per month)	\$ 355.599	\$ -	\$ -	\$ 421.636	\$ 298.472	\$ -	\$ 583.372	\$ 464.384	\$ -

Puget Sound Energy - 2010 Gas Cost of Service Study
Proposed Test Year Without Gas

Line No.	Description	Total Company	Residential (16,23,53)	Comm. & Indus. (31,61)	Large Volume (41,41T)	Interruptible (85, 85T)	Limited Interruptible (86)	Non-Exclusive Interruptible (87, 87T)	Contracts	Rentals
	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)	(k)
TOTAL										
41	Demand (per Peak Day therm per month)	\$ 1,7943	\$ 1,6681	\$ 1,6889	\$ 2,1938	\$ 5,7185	\$ 9,5019	\$ 12,4527	\$ 4,1523	\$ -
42	Commodity (per therm)	\$ 0,0188	\$ 0,0249	\$ 0,0206	\$ 0,0132	\$ 0,0067	\$ 0,0121	\$ 0,0039	\$ 0,0037	\$ -
43	Customer (per customer per month)	\$ 20,9099	\$ 17,2578	\$ 58,3581	\$ 96,0509	\$ 363,8568	\$ 102,7182	\$ 313,7128	\$ 476,7841	\$ -
44	Direct Sales (per sales customer per month)	\$ 2,8426	\$ 2,0618	\$ 7,1016	\$ 44,4757	\$ 1,045,5925	\$ 71,8703	\$ 1,922,5248	\$ -	\$ -
45	Direct Transport (per transp. cust. per month)	\$ 355,5990	\$ -	\$ -	\$ 421,6359	\$ 298,4717	\$ -	\$ 583,3721	\$ 464,3836	\$ -
46	Demand and Commodity (per therm)	\$ 0,2005	\$ 0,2604	\$ 0,2448	\$ 0,1528	\$ 0,0700	\$ 0,0899	\$ 0,0468	\$ 0,0568	\$ -
47	All Customer (per customer per month)	\$ 23,8221	\$ 19,3196	\$ 65,4598	\$ 144,5925	\$ 844,5417	\$ 174,5885	\$ 1,471,0075	\$ 941,1677	\$ -
48	PDAY	110,412,722	77,237,447	26,123,427	5,100,780	913,752	116,244	459,276	461,796	0
49	COM1	1,090,182,856	547,214,122	196,768,099	80,167,287	82,509,251	14,201,718	133,171,782	36,150,597	0
50	CUST	8,983,538	8,301,740	650,762	24,860	1,595	4,164	273	144	0
51	CUSTXT	8,981,764	8,301,740	650,762	24,592	389	4,164	117	0	0
52	TRANSCUS	1,774	0	0	268	1,206	0	156	144	0