

**EXHIBIT NO. ___(JKP-18)
DOCKET NOS. UE-090704/UG-090705
2009 PSE GENERAL RATE CASE
WITNESS: JANET K. PHELPS**

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY, INC.,

Respondent.

**Docket No. UE-090704
Docket No. UG-090705**

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

AUGUST 3, 2009

**Puget Sound Energy - 2009 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	\$ 2,507,032,469	\$ 1,719,776,683	\$ 542,593,807	\$ 89,966,958	\$ 46,095,020	\$ 12,475,037	\$ 45,015,962	\$ 13,804,753	\$ 37,304,250
2	Accumulated Reserve	(853,149,390)	(584,816,258)	(185,061,304)	(28,355,162)	(14,403,207)	(4,092,879)	(13,587,945)	(4,126,452)	(18,706,183)
3	Other Rate Base Items	(179,492,876)	(124,487,956)	(37,742,017)	(6,432,664)	(3,324,313)	(735,015)	(3,441,801)	(1,112,511)	(2,216,601)
4	TOTAL RATE BASE	\$ 1,474,390,203	\$ 1,010,472,469	\$ 319,790,487	\$ 55,179,132	\$ 28,367,500	\$ 7,647,143	\$ 27,986,216	\$ 8,565,790	\$ 16,381,466
Revenue at Current Rates										
5	Gas Revenues	-	-	-	-	-	-	-	-	-
6	Base Rate Revenues	395,183,098	270,481,194	78,420,730	18,042,418	8,715,955	3,278,543	6,360,311	1,627,949	8,255,997
7	Other Revenues	8,335,038	6,250,770	1,873,561	112,391	13,616	11,841	21,672	1,960	49,226
8	TOTAL REVENUE	\$ 403,518,135	\$ 276,731,964	\$ 80,294,291	\$ 18,154,809	\$ 8,729,571	\$ 3,290,384	\$ 6,381,984	\$ 1,629,909	\$ 8,305,223
Expenses at Current Rates										
9	Operation and Maintenance	126,607,431	93,996,593	23,462,040	3,660,917	2,093,538	646,245	1,508,213	455,758	784,128
10	Depreciation Expense	105,884,027	67,827,488	21,600,510	3,665,970	1,861,047	504,421	1,844,616	558,080	8,021,896
11	Taxes Other Than Income	29,203,950	19,764,388	6,447,942	1,088,158	569,915	153,067	536,933	166,875	476,670
12	Income Taxes	34,525,628	23,662,119	7,488,498	1,292,123	664,279	179,072	655,350	200,584	383,603
13	TOTAL EXPENSES - Current	\$ 296,221,036	\$ 205,250,588	\$ 58,998,989	\$ 9,707,169	\$ 5,188,778	\$ 1,482,806	\$ 4,545,112	\$ 1,381,296	\$ 9,666,297
14	Operating Income - Current	\$ 107,297,099	\$ 71,481,376	\$ 21,295,302	\$ 8,447,640	\$ 3,540,793	\$ 1,807,578	\$ 1,836,872	\$ 248,613	\$ (1,361,074)
15	Current Rate of Return	7.28%	7.07%	6.66%	15.31%	12.48%	23.64%	6.56%	2.90%	-8.31%
Calculation of Rate Schedule Revenue Requirement at Equal Rates of Return										
16	Required Return	8.56%	8.56%	8.56%	8.56%	8.56%	8.56%	8.56%	8.56%	8.56%
17	Required Operating Income	\$ 126,207,801	\$ 86,496,443	\$ 27,374,066	\$ 4,723,334	\$ 2,428,258	\$ 654,595	\$ 2,395,620	\$ 733,232	\$ 1,402,253
18	Operating Income (Deficiency)/Surplus	(18,910,702)	(15,015,067)	(6,078,764)	3,724,306	1,112,535	1,152,983	(558,749)	(484,619)	(2,763,327)
19	Revenue Conversion Factor	0.6219								
20	Revenue (Deficiency) / Surplus	\$ (30,408,383)	\$ (22,902,792)	\$ (8,568,783)	\$ 3,296,999	\$ 893,718	\$ 1,093,778	\$ (774,352)	\$ (550,624)	\$ (2,896,328)
21	Revenue Requirement	\$ 433,926,519	\$ 299,634,756	\$ 88,863,074	\$ 14,857,809	\$ 7,835,854	\$ 2,196,606	\$ 7,156,335	\$ 2,180,533	\$ 11,201,551
22	Revenues Other Than Rate Sch. Rev.	8,335,038	6,250,770	1,873,561	112,391	13,616	11,841	21,672	1,960	49,226
23	Rate Schedule Revenue Requirement	425,591,481	293,383,986	86,989,513	14,745,418	7,822,238	2,184,765	7,134,663	2,178,573	11,152,325
24	Deficiency / (Surplus) as % of Sales & Trans Rev	7.69%	8.47%	10.93%	-18.27%	-10.25%	-33.36%	12.17%	33.82%	35.08%
Expenses at Required Return										
25	Operation and Maintenance	\$ 126,754,395	\$ 94,109,403	\$ 23,487,601	\$ 3,664,813	\$ 2,094,908	\$ 646,913	\$ 1,509,212	\$ 456,014	\$ 785,531
26	Depreciation Expense	105,884,027	67,827,488	21,600,510	3,665,970	1,861,047	504,421	1,844,616	558,080	8,021,896
27	Taxes Other Than Income	30,371,966	20,560,594	6,703,805	1,130,481	591,446	158,790	558,253	173,465	495,131
28	Income Taxes	44,708,329	30,640,827	9,697,093	1,673,212	860,195	231,886	848,634	259,743	496,740
29	TOTAL EXPENSES - Required	\$ 307,718,717	\$ 213,138,312	\$ 61,489,008	\$ 10,134,476	\$ 5,407,596	\$ 1,542,011	\$ 4,760,715	\$ 1,447,301	\$ 9,799,298
30	Rate Schedule Revenue as Proposed	\$ 425,590,670	\$ 292,600,879	\$ 84,832,659	\$ 18,780,101	\$ 9,072,451	\$ 3,278,414	\$ 6,880,071	\$ 1,684,319	\$ 8,461,777
31	Other Revenue	8,335,038	6,250,770	1,873,561	112,391	13,616	11,841	21,672	1,960	49,226
32	Revenue as Proposed	\$ 433,925,708	\$ 298,851,649	\$ 86,706,220	\$ 18,892,492	\$ 9,086,067	\$ 3,290,255	\$ 6,901,743	\$ 1,686,279	\$ 8,511,003
33	Proposed Revenue Increase	\$ 30,407,572	\$ 22,119,685	\$ 6,411,928	\$ 737,683	\$ 356,495	\$ (129)	\$ 519,759	\$ 56,370	\$ 205,780
34	Proposed Revenue - Revenue Requirement	\$ 433,925,708	\$ 298,851,649	\$ 86,706,220	\$ 18,892,492	\$ 9,086,067	\$ 3,290,255	\$ 6,901,743	\$ 1,686,279	\$ 8,511,003
35	Current Revenue to Cost Ratio	0.93	0.92	0.90	1.22	1.11	1.50	0.89	0.75	0.74
36	Parity Ratio	1.00	0.99	0.97	1.32	1.20	1.62	0.96	0.80	0.80
37	Proposed Revenue to Cost Ratio	1.00	1.00	0.98	1.27	1.16	1.50	0.96	0.77	0.76

**Puget Sound Energy - 2009 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
Functional Rate Base										
Gas Supply										
1	Demand	\$ 1,716,461	\$ 1,232,972	\$ 412,746	\$ 66,921	\$ 1,565	\$ 2,137	\$ 119	\$ -	\$ -
2	Commodity	\$ 1,796,409	\$ 1,050,744	\$ 376,742	\$ 151,678	\$ 64,827	\$ 29,494	\$ 107,206	\$ 15,718	\$ -
3	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Sub-total	\$ 3,512,870	\$ 2,283,716	\$ 789,488	\$ 218,599	\$ 66,392	\$ 31,631	\$ 107,326	\$ 15,718	\$ -
Storage										
7	Demand	\$ 27,726,634	\$ 19,339,520	\$ 5,797,697	\$ 1,333,664	\$ 301,946	\$ 448,621	\$ 505,184	\$ -	\$ -
8	Commodity	\$ 1,822,160	\$ 909,525	\$ 326,108	\$ 132,559	\$ 145,371	\$ 25,530	\$ 226,094	\$ 56,972	\$ -
9	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Sub-total	\$ 29,548,793	\$ 20,249,045	\$ 6,123,805	\$ 1,466,224	\$ 447,317	\$ 474,152	\$ 731,279	\$ 56,972	\$ -
Transmission										
13	Demand	\$ 699,197	\$ 445,531	\$ 151,876	\$ 34,986	\$ 22,157	\$ 3,787	\$ 31,601	\$ 9,259	\$ -
14	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Sub-total	\$ 699,197	\$ 445,531	\$ 151,876	\$ 34,986	\$ 22,157	\$ 3,787	\$ 31,601	\$ 9,259	\$ -
Distribution										
19	Demand	\$ 818,783,691	\$ 531,465,399	\$ 181,354,910	\$ 42,419,246	\$ 24,325,935	\$ 4,732,030	\$ 26,326,430	\$ 8,159,741	\$ -
20	Commodity	\$ 540,722	\$ 269,900	\$ 96,772	\$ 39,337	\$ 43,139	\$ 7,576	\$ 67,093	\$ 16,906	\$ -
21	Customer	\$ 607,521,338	\$ 447,869,020	\$ 128,308,653	\$ 10,091,215	\$ 2,704,703	\$ 2,143,875	\$ 527,994	\$ 263,674	\$ 15,612,204
22	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Sub-total	\$ 1,426,845,751	\$ 979,604,319	\$ 309,760,335	\$ 52,549,797	\$ 27,073,776	\$ 6,883,481	\$ 26,921,517	\$ 8,440,321	\$ 15,612,204
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	\$ 13,008,431	\$ 7,889,857	\$ 2,964,983	\$ 856,188	\$ 197,733	\$ 254,093	\$ 76,316	\$ -	\$ 769,262
35	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Sub-total	\$ 13,008,431	\$ 7,889,857	\$ 2,964,983	\$ 856,188	\$ 197,733	\$ 254,093	\$ 76,316	\$ -	\$ 769,262
Transport Specific Costs										
37	Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
41	Direct Transport	\$ 775,161	\$ -	\$ -	\$ 53,338	\$ 560,125	\$ -	\$ 118,178	\$ 43,520	\$ -
42	Sub-total	\$ 775,161	\$ -	\$ -	\$ 53,338	\$ 560,125	\$ -	\$ 118,178	\$ 43,520	\$ -

**Puget Sound Energy - 2009 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
TOTAL										
43	Demand	\$ 848,925,982	\$ 552,483,422	\$ 187,717,229	\$ 43,854,817	\$ 24,651,604	\$ 5,186,575	\$ 26,863,335	\$ 8,169,000	\$ -
44	Commodity	\$ 4,159,291	\$ 2,230,169	\$ 799,622	\$ 323,574	\$ 253,336	\$ 62,601	\$ 400,394	\$ 89,596	\$ -
45	Customer	\$ 607,521,338	\$ 447,869,020	\$ 128,308,653	\$ 10,091,215	\$ 2,704,703	\$ 2,143,875	\$ 527,994	\$ 263,674	\$ 15,612,204
46	Direct Sales	\$ 13,008,431	\$ 7,889,857	\$ 2,964,983	\$ 856,188	\$ 197,733	\$ 254,093	\$ 76,316	\$ -	\$ 769,262
47	Direct Transport	\$ 775,161	\$ -	\$ -	\$ 53,338	\$ 560,125	\$ -	\$ 118,178	\$ 43,520	\$ -
48	TOTAL RATE BASE	\$ 1,474,390,203	\$ 1,010,472,469	\$ 319,790,487	\$ 55,179,132	\$ 28,367,500	\$ 7,647,143	\$ 27,986,216	\$ 8,565,790	\$ 16,381,466

**Puget Sound Energy - 2009 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
Functional Revenue Requirement										
Gas Supply										
1	Demand	\$ 906,347	\$ 651,049	\$ 217,943	\$ 35,337	\$ 826	\$ 1,128	\$ 63	\$ -	\$ -
2	Commodity	\$ 1,458,969	\$ 845,517	\$ 303,158	\$ 122,117	\$ 56,650	\$ 23,734	\$ 92,966	\$ 14,827	\$ -
3	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Sub-total	\$ 2,365,316	\$ 1,496,567	\$ 521,102	\$ 157,453	\$ 57,477	\$ 24,862	\$ 93,029	\$ 14,827	\$ -
Storage										
7	Demand	\$ 6,161,131	\$ 4,297,432	\$ 1,288,305	\$ 296,353	\$ 67,095	\$ 99,688	\$ 112,257	\$ -	\$ -
8	Commodity	\$ 483,426	\$ 241,300	\$ 86,518	\$ 35,168	\$ 38,567	\$ 6,773	\$ 59,984	\$ 15,115	\$ -
9	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Sub-total	\$ 6,644,557	\$ 4,538,732	\$ 1,374,823	\$ 331,522	\$ 105,663	\$ 106,461	\$ 172,241	\$ 15,115	\$ -
Transmission										
13	Demand	\$ 715,309	\$ 455,798	\$ 155,376	\$ 35,792	\$ 22,668	\$ 3,874	\$ 32,329	\$ 9,473	\$ -
14	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Sub-total	\$ 715,309	\$ 455,798	\$ 155,376	\$ 35,792	\$ 22,668	\$ 3,874	\$ 32,329	\$ 9,473	\$ -
Distribution										
19	Demand	\$ 197,334,599	\$ 128,071,168	\$ 43,702,123	\$ 10,220,906	\$ 5,865,613	\$ 1,139,944	\$ 6,363,582	\$ 1,971,264	\$ -
20	Commodity	\$ 3,381,239	\$ 2,195,753	\$ 695,652	\$ 212,052	\$ 96,558	\$ 39,827	\$ 119,901	\$ 21,496	\$ -
21	Customer	\$ 200,148,701	\$ 147,286,775	\$ 38,075,683	\$ 2,705,195	\$ 684,088	\$ 552,250	\$ 131,447	\$ 65,311	\$ 10,647,952
22	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Sub-total	\$ 400,864,539	\$ 277,553,695	\$ 82,473,459	\$ 13,138,152	\$ 6,646,259	\$ 1,732,021	\$ 6,614,930	\$ 2,058,071	\$ 10,647,952
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	\$ 22,270,529	\$ 15,589,964	\$ 4,338,315	\$ 1,130,840	\$ 241,198	\$ 329,388	\$ 87,225	\$ -	\$ 553,599
35	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Sub-total	\$ 22,270,529	\$ 15,589,964	\$ 4,338,315	\$ 1,130,840	\$ 241,198	\$ 329,388	\$ 87,225	\$ -	\$ 553,599
Transport Specific Costs										
37	Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
41	Direct Transport	\$ 1,066,269	\$ -	\$ -	\$ 64,050	\$ 762,589	\$ -	\$ 156,582	\$ 83,047	\$ -
42	Sub-total	\$ 1,066,269	\$ -	\$ -	\$ 64,050	\$ 762,589	\$ -	\$ 156,582	\$ 83,047	\$ -

**Puget Sound Energy - 2009 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
TOTAL										
43	Demand	\$ 205,117,386	\$ 133,475,447	\$ 45,363,747	\$ 10,588,388	\$ 5,956,203	\$ 1,244,634	\$ 6,508,231	\$ 1,980,737	\$ -
44	Commodity	\$ 5,323,634	\$ 3,282,570	\$ 1,085,328	\$ 369,337	\$ 191,775	\$ 70,334	\$ 272,851	\$ 51,438	\$ -
45	Customer	\$ 200,148,701	\$ 147,286,775	\$ 38,075,683	\$ 2,705,195	\$ 684,088	\$ 552,250	\$ 131,447	\$ 65,311	\$ 10,647,952
46	Direct Sales	\$ 22,270,529	\$ 15,589,964	\$ 4,338,315	\$ 1,130,840	\$ 241,198	\$ 329,388	\$ 87,225	\$ -	\$ 553,599
47	Direct Transport	\$ 1,066,269	\$ -	\$ -	\$ 64,050	\$ 762,589	\$ -	\$ 156,582	\$ 83,047	\$ -
48	TOTAL REVENUE REQUIREMENT	\$ 433,926,519	\$ 299,634,756	\$ 88,863,074	\$ 14,857,809	\$ 7,835,854	\$ 2,196,606	\$ 7,156,335	\$ 2,180,533	\$ 11,201,551
49	TOTAL FIXED COSTS	\$ 428,602,884	\$ 296,352,185	\$ 87,777,746	\$ 14,488,472	\$ 7,644,078	\$ 2,126,272	\$ 6,883,485	\$ 2,129,094	\$ 11,201,551

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Proposed Test Year Without Gas**

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Unit Costs										
Gas Supply										
1	Demand (per Peak Day therm per month)	\$ 0.0081	\$ 0.0083	\$ 0.0083	\$ 0.0082	\$ 0.0009	\$ 0.0083	\$ 0.0001	\$ -	\$ -
2	Commodity (per therm)	\$ 0.0013	\$ 0.0015	\$ 0.0015	\$ 0.0015	\$ 0.0006	\$ 0.0015	\$ 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	\$ 0.0027	\$ 0.0026	\$ 0.0019	\$ 0.0006	\$ 0.0016	\$ 0.0007	\$ 0.0004	\$ -
Storage										
7	Demand (per Peak Day therm per month)	\$ 0.0553	\$ 0.0547	\$ 0.0490	\$ 0.0684	\$ 0.0741	\$ 0.7325	\$ 0.1553	\$ -	\$ -
8	Commodity (per therm)	\$ 0.0004	\$ 0.0004	\$ 0.0004	\$ 0.0004	\$ 0.0004	\$ 0.0004	\$ 0.0004	\$ 0.0004	\$ -
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)	\$ 0.0059	\$ 0.0081	\$ 0.0069	\$ 0.0041	\$ 0.0012	\$ 0.0068	\$ 0.0012	\$ 0.0004	\$ -
Transmission										
13	Demand (per Peak Day therm per month)	\$ 0.0064	\$ 0.0058	\$ 0.0059	\$ 0.0083	\$ 0.0250	\$ 0.0285	\$ 0.0447	\$ 0.0192	\$ -
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)	\$ 0.0006	\$ 0.0008	\$ 0.0008	\$ 0.0004	\$ 0.0003	\$ 0.0002	\$ 0.0002	\$ 0.0003	\$ -
Distribution										
19	Demand (per Peak Day therm per month)	\$ 1.7715	\$ 1.6310	\$ 1.6626	\$ 2.3607	\$ 6.4801	\$ 8.3763	\$ 8.8038	\$ 4.0059	\$ -
20	Commodity (per therm)	\$ 0.0030	\$ 0.0039	\$ 0.0035	\$ 0.0026	\$ 0.0011	\$ 0.0025	\$ 0.0009	\$ 0.0006	\$ -
21	Customer (per customer per month)	\$ 22.6087	\$ 18.0080	\$ 59.2539	\$ 109.5487	\$ 455.1483	\$ 122.4230	\$ 438.1564	\$ 395.8218	\$ -
22	Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Demand and Commodity (per therm)	\$ 0.1795	\$ 0.2334	\$ 0.2218	\$ 0.1282	\$ 0.0668	\$ 0.0753	\$ 0.0467	\$ 0.0570	\$ -
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)	\$ 2.516	\$ 1.906	\$ 6.751	\$ 45.906	\$ 633.066	\$ 73.019	\$ 660.794	\$ -	\$ -
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)	\$ 703.808	\$ -	\$ -	\$ 1,067.500	\$ 679.670	\$ -	\$ 932.036	\$ 503.317	\$ -

**Puget Sound Energy - 2009 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
TOTAL										
41	Demand (per Peak Day therm per month)	\$ 1,8414	\$ 1,6998	\$ 1,7258	\$ 2,4455	\$ 6,5802	\$ 9,1455	\$ 9,0039	\$ 4,0251	\$ -
42	Commodity (per therm)	\$ 0,0048	\$ 0,0059	\$ 0,0054	\$ 0,0045	\$ 0,0021	\$ 0,0045	\$ 0,0020	\$ 0,0015	\$ -
43	Customer (per customer per month)	\$ 22,6087	\$ 18,0080	\$ 59,2539	\$ 109,5487	\$ 455,1483	\$ 122,4230	\$ 438,1564	\$ 395,8218	\$ -
44	Direct Sales (per sales customer per month)	\$ 2,5161	\$ 1,9061	\$ 6,7513	\$ 45,9056	\$ 633,0661	\$ 73,0189	\$ 660,7940	\$ -	\$ -
45	Direct Transport (per transp. cust. per month)	\$ 703,8076	\$ -	\$ -	\$ 1,067,4998	\$ 679,6695	\$ -	\$ 932,0365	\$ 503,3168	\$ -
46	Demand and Commodity (per therm)	\$ 0,1882	\$ 0,2450	\$ 0,2321	\$ 0,1347	\$ 0,0689	\$ 0,0839	\$ 0,0489	\$ 0,0581	\$ -
47	All Customer (per customer per month)	\$ 25,2448	\$ 19,9141	\$ 66,0053	\$ 157,9365	\$ 1,123,0042	\$ 195,4419	\$ 1,250,8462	\$ 899,1386	\$ -
48	PDAY	111,393,851	78,522,135	26,285,840	4,329,696	905,172	136,092	722,820	492,096	0
49	COM1	1,118,222,744	558,157,184	200,125,906	81,348,859	89,211,172	15,667,418	138,749,582	34,962,623	0
50	CUST	8,852,741	8,178,983	642,585	24,694	1,503	4,511	300	165	0
51	CUSTXT	8,851,226	8,178,983	642,585	24,634	381	4,511	132	0	0
52	TRANSCUS	1,515	0	0	60	1,122	0	168	165	0