

**EXHIBIT NO. ___(JKP-4)
DOCKET NO. UE-11___/UG-11___
2011 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-11___
Docket No. UG-11___**

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

JUNE 13, 2011

**Puget Sound Energy - 2011 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, 86T)	Non-Exclusive Interruptible (87, 87T)	Contracts	Rentals
	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)	(k)
Summary										
Rate Base										
1	Plant in Service	\$ 2,794,672,762	\$ 1,894,220,258	\$ 632,946,768	\$ 103,104,298	\$ 48,830,364	\$ 12,603,142	\$ 48,066,292	\$ 16,781,495	\$ 38,120,145
2	Accumulated Reserve (933,554,964)		(622,900,332)	(209,715,003)	(30,859,146)	(14,488,528)	(3,831,160)	(14,058,247)	(4,899,528)	(32,803,019)
3	Other Rate Base Items (202,812,274)		(139,350,108)	(46,322,324)	(7,859,340)	(3,705,884)	(782,435)	(3,668,902)	(1,368,016)	244,736
4	TOTAL RATE BASE	\$ 1,658,305,524	\$ 1,131,969,817	\$ 376,909,440	\$ 64,385,812	\$ 30,635,952	\$ 7,989,547	\$ 30,339,143	\$ 10,513,952	\$ 5,561,861
Revenue at Current Rates										
5	Gas Revenues	-	-	-	-	-	-	-	-	-
6	Base Rate Revenues	420,045,912	289,229,013	85,374,213	18,192,109	8,563,124	3,045,621	5,844,435	1,658,616	8,138,782
7	Other Revenues	6,760,042	4,549,895	1,932,279	121,667	62,598	25,836	36,239	25	31,504
8	TOTAL REVENUE	\$ 426,805,954	\$ 293,778,909	\$ 87,306,492	\$ 18,313,776	\$ 8,625,722	\$ 3,071,457	\$ 5,880,673	\$ 1,658,641	\$ 8,170,285
Expenses at Current Rates										
9	Operation and Maintenance	124,699,712	92,991,852	22,911,426	3,212,654	1,624,718	507,918	1,404,770	446,577	1,599,798
10	Depreciation Expense	108,564,422	73,917,535	24,329,894	3,938,175	1,874,740	482,460	1,831,007	640,056	1,550,555
11	Taxes Other Than Income	36,896,832	25,216,820	7,899,938	1,455,093	697,070	216,563	567,667	181,442	662,239
12	Income Taxes	36,819,374	25,133,137	8,368,524	1,429,559	680,210	177,392	673,620	233,441	123,490
13	TOTAL EXPENSES - Current	\$ 306,980,340	\$ 217,259,343	\$ 63,509,782	\$ 10,035,481	\$ 4,876,738	\$ 1,384,333	\$ 4,477,064	\$ 1,501,517	\$ 3,936,081
14	Operating Income - Current	\$ 119,825,614	\$ 76,519,565	\$ 23,796,709	\$ 8,278,295	\$ 3,748,984	\$ 1,687,123	\$ 1,403,610	\$ 157,123	\$ 4,234,204
15	Current Rate of Return	7.23%	6.76%	6.31%	12.86%	12.24%	21.12%	4.63%	1.49%	76.13%
Calculation of Rate Schedule Revenue Requirement at Equal Rates of Return										
16	Required Return	8.42%	8.42%	8.42%	8.42%	8.42%	8.42%	8.42%	8.42%	8.42%
17	Required Operating Income	\$ 139,629,325	\$ 95,311,859	\$ 31,735,775	\$ 5,421,285	\$ 2,579,547	\$ 672,720	\$ 2,554,556	\$ 885,275	\$ 468,309
18	Operating Income (Deficiency)/Surplus	(19,803,711)	(18,792,293)	(7,939,065)	2,857,010	1,169,437	1,014,404	(1,150,946)	(728,152)	3,765,895
19	Revenue Conversion Factor	0.621490								
20	Revenue (Deficiency) / Surplus	\$ (31,864,888)	\$ (27,047,594)	\$ (10,642,652)	\$ 2,386,119	\$ 946,138	\$ 953,592	\$ (1,363,944)	\$ (800,842)	\$ 3,704,295
21	Revenue Requirement	\$ 458,670,842	\$ 320,826,503	\$ 97,949,143	\$ 15,927,657	\$ 7,679,583	\$ 2,117,865	\$ 7,244,618	\$ 2,459,482	\$ 4,465,990
22	Revenues Other Than Rate Sch. Rev.	6,760,042	4,549,895	1,932,279	121,667	62,598	25,836	36,239	25	31,504
23	Rate Schedule Revenue Requirement	451,910,800	316,276,608	96,016,865	15,805,989	7,616,986	2,092,030	7,208,379	2,459,458	4,434,486
24	Deficiency / (Surplus) as % of Rate Rev	7.59%	9.35%	12.47%	-13.12%	-11.05%	-31.31%	23.34%	48.28%	-45.51%
Expenses at Required Return										
25	Operation and Maintenance	\$ 124,874,172	\$ 93,125,916	\$ 22,942,730	\$ 3,216,543	\$ 1,626,080	\$ 508,486	\$ 1,405,656	\$ 446,829	\$ 1,601,933
26	Depreciation Expense	108,564,422	73,917,535	24,329,894	3,938,175	1,874,740	482,460	1,831,007	640,056	1,550,555
27	Taxes Other Than Income	38,119,997	26,059,049	8,148,546	1,508,068	722,005	225,432	584,686	186,272	685,938
28	Income Taxes	47,482,926	32,412,145	10,792,199	1,843,585	877,211	228,768	868,713	301,050	159,255
29	TOTAL EXPENSES - Required	\$ 319,041,517	\$ 225,514,645	\$ 66,213,369	\$ 10,506,371	\$ 5,100,036	\$ 1,445,146	\$ 4,690,062	\$ 1,574,208	\$ 3,997,682
30	Rate Schedule Revenue as Proposed	\$ 451,908,454	\$ 312,396,062	\$ 92,215,124	\$ 18,920,773	\$ 8,906,326	\$ 3,045,593	\$ 6,546,653	\$ 1,739,141	\$ 8,138,782
31	Other Revenue	6,760,042	4,549,895	1,932,279	121,667	62,598	25,836	36,239	25	31,504
32	Revenue as Proposed	\$ 458,668,496	\$ 316,945,957	\$ 94,147,403	\$ 19,042,440	\$ 8,968,923	\$ 3,071,429	\$ 6,582,892	\$ 1,739,166	\$ 8,170,285
33	Proposed Revenue Increase	\$ 31,862,541	\$ 23,167,048	\$ 6,840,912	\$ 728,664	\$ 343,202	\$ (28)	\$ 702,219	\$ 80,525	\$ -
34	Proposed Revenue - Revenue Requirement	\$ 458,668,496	\$ 316,945,957	\$ 94,147,403	\$ 19,042,440	\$ 8,968,923	\$ 3,071,429	\$ 6,582,892	\$ 1,739,166	\$ 8,170,285
35	Current Revenue to Cost Ratio	0.93	0.91	0.89	1.15	1.12	1.46	0.81	0.67	1.84
36	Parity Ratio	1.00	0.98	0.96	1.24	1.21	1.57	0.87	0.73	1.97
37	Proposed Revenue to Cost Ratio	1.00	0.99	0.96	1.20	1.17	1.46	0.91	0.71	1.84

**Puget Sound Energy - 2011 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, 86T)	Non-Exclusive Interruptible (87, 87T)	Contracts	Rentals
Functional Rate Base										
Gas Supply										
1	Demand	\$ 1,388,305	\$ 986,696	\$ 341,495	\$ 57,131	\$ 1,580	\$ 1,319	\$ 84	\$ -	\$ -
2	Commodity	\$ 1,603,475	\$ 913,008	\$ 337,167	\$ 120,977	\$ 70,984	\$ 23,187	\$ 114,764	\$ 23,387	\$ -
3	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Sub-total	\$ 2,991,780	\$ 1,899,704	\$ 678,663	\$ 178,108	\$ 72,565	\$ 24,505	\$ 114,848	\$ 23,387	\$ -
Storage										
7	Demand	\$ 37,748,582	\$ 26,562,880	\$ 8,108,152	\$ 1,487,250	\$ 378,229	\$ 568,099	\$ 643,971	\$ -	\$ -
8	Commodity	\$ 5,294,578	\$ 2,663,135	\$ 983,477	\$ 376,033	\$ 399,396	\$ 67,849	\$ 629,846	\$ 174,842	\$ -
9	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Sub-total	\$ 43,043,160	\$ 29,226,015	\$ 9,091,629	\$ 1,863,283	\$ 777,626	\$ 635,948	\$ 1,273,817	\$ 174,842	\$ -
Transmission										
13	Demand	\$ 430,153	\$ 272,348	\$ 95,922	\$ 22,745	\$ 12,848	\$ 2,089	\$ 18,249	\$ 5,953	\$ -
14	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Sub-total	\$ 430,153	\$ 272,348	\$ 95,922	\$ 22,745	\$ 12,848	\$ 2,089	\$ 18,249	\$ 5,953	\$ -
Distribution										
19	Demand	\$ 943,634,566	\$ 610,317,436	\$ 215,155,511	\$ 51,705,619	\$ 24,589,627	\$ 4,899,936	\$ 27,399,980	\$ 9,566,458	\$ -
20	Commodity	\$ 998,335	\$ 502,156	\$ 185,443	\$ 70,904	\$ 75,309	\$ 12,793	\$ 118,762	\$ 32,968	\$ -
21	Customer	\$ 648,434,302	\$ 478,135,776	\$ 148,349,346	\$ 9,755,440	\$ 4,607,410	\$ 2,211,627	\$ 1,172,651	\$ 660,017	\$ 3,542,033
22	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Sub-total	\$ 1,593,067,203	\$ 1,088,955,367	\$ 363,690,299	\$ 61,531,963	\$ 29,272,346	\$ 7,124,356	\$ 28,691,394	\$ 10,259,443	\$ 3,542,033
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	\$ 18,290,718	\$ 11,616,383	\$ 3,352,927	\$ 666,929	\$ 263,189	\$ 202,184	\$ 169,278	\$ -	\$ 2,019,828
35	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Sub-total	\$ 18,290,718	\$ 11,616,383	\$ 3,352,927	\$ 666,929	\$ 263,189	\$ 202,184	\$ 169,278	\$ -	\$ 2,019,828
Transport Specific Costs										
37	Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
41	Direct Transport	\$ 482,511	\$ -	\$ -	\$ 122,784	\$ 237,379	\$ 465	\$ 71,557	\$ 50,326	\$ -
42	Sub-total	\$ 482,511	\$ -	\$ -	\$ 122,784	\$ 237,379	\$ 465	\$ 71,557	\$ 50,326	\$ -

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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, 86T)	Non- Exclusive Interruptible (87, 87T)	Contracts	Rentals
TOTAL										
43	Demand	\$ 983,201,606	\$ 638,139,360	\$ 223,701,080	\$ 53,272,744	\$ 24,982,284	\$ 5,471,442	\$ 28,062,284	\$ 9,572,411	\$ -
44	Commodity	\$ 7,896,387	\$ 4,078,298	\$ 1,506,087	\$ 567,914	\$ 545,690	\$ 103,829	\$ 863,372	\$ 231,197	\$ -
45	Customer	\$ 648,434,302	\$ 478,135,776	\$ 148,349,346	\$ 9,755,440	\$ 4,607,410	\$ 2,211,627	\$ 1,172,651	\$ 660,017	\$ 3,542,033
46	Direct Sales	\$ 18,290,718	\$ 11,616,383	\$ 3,352,927	\$ 666,929	\$ 263,189	\$ 202,184	\$ 169,278	\$ -	\$ 2,019,828
47	Direct Transport	\$ 482,511	\$ -	\$ -	\$ 122,784	\$ 237,379	\$ 465	\$ 71,557	\$ 50,326	\$ -
48	TOTAL RATE BASE	\$ 1,658,305,524	\$ 1,131,969,817	\$ 376,909,440	\$ 64,385,812	\$ 30,635,952	\$ 7,989,547	\$ 30,339,143	\$ 10,513,952	\$ 5,561,861

**Puget Sound Energy - 2011 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, 86T)	Non-Exclusive Interruptible (87, 87T)	Contracts	Rentals
Functional Revenue Requirement										
Gas Supply										
1	Demand	\$ 703,659	\$ 500,104	\$ 173,086	\$ 28,957	\$ 801	\$ 668	\$ 42	\$ -	\$ -
2	Commodity	\$ 1,421,989	\$ 803,045	\$ 296,559	\$ 106,843	\$ 66,060	\$ 20,398	\$ 106,503	\$ 22,580	\$ -
3	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Sub-total	\$ 2,125,647	\$ 1,303,149	\$ 469,645	\$ 135,800	\$ 66,861	\$ 21,067	\$ 106,546	\$ 22,580	\$ -
Storage										
7	Demand	\$ 7,466,382	\$ 5,253,936	\$ 1,603,731	\$ 294,167	\$ 74,811	\$ 112,366	\$ 127,373	\$ -	\$ -
8	Commodity	\$ 1,001,275	\$ 503,634	\$ 185,989	\$ 71,113	\$ 75,531	\$ 12,831	\$ 119,112	\$ 33,065	\$ -
9	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Sub-total	\$ 8,467,657	\$ 5,757,570	\$ 1,789,719	\$ 365,279	\$ 150,342	\$ 125,197	\$ 246,485	\$ 33,065	\$ -
Transmission										
13	Demand	\$ 425,634	\$ 269,486	\$ 94,914	\$ 22,506	\$ 12,713	\$ 2,067	\$ 18,057	\$ 5,891	\$ -
14	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Sub-total	\$ 425,634	\$ 269,486	\$ 94,914	\$ 22,506	\$ 12,713	\$ 2,067	\$ 18,057	\$ 5,891	\$ -
Distribution										
19	Demand	\$ 204,940,318	\$ 132,526,990	\$ 46,719,458	\$ 11,226,302	\$ 5,346,820	\$ 1,063,611	\$ 5,973,261	\$ 2,083,877	\$ -
20	Commodity	\$ 19,922,020	\$ 13,555,945	\$ 4,035,058	\$ 886,581	\$ 453,874	\$ 149,242	\$ 368,466	\$ 103,906	\$ 368,948
21	Customer	\$ 198,033,315	\$ 150,913,805	\$ 40,596,220	\$ 2,319,929	\$ 1,013,170	\$ 513,032	\$ 253,754	\$ 141,902	\$ 2,281,504
22	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Sub-total	\$ 422,895,653	\$ 296,996,740	\$ 91,350,735	\$ 14,432,811	\$ 6,813,863	\$ 1,725,885	\$ 6,595,481	\$ 2,329,685	\$ 2,650,452
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	\$ 24,110,288	\$ 16,499,558	\$ 4,244,130	\$ 820,625	\$ 301,145	\$ 241,983	\$ 187,309	\$ -	\$ 1,815,538
35	Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Sub-total	\$ 24,110,288	\$ 16,499,558	\$ 4,244,130	\$ 820,625	\$ 301,145	\$ 241,983	\$ 187,309	\$ -	\$ 1,815,538
Transport Specific Costs										
37	Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
41	Direct Transport	\$ 645,964	\$ -	\$ -	\$ 150,636	\$ 334,659	\$ 1,667	\$ 90,740	\$ 68,262	\$ -
42	Sub-total	\$ 645,964	\$ -	\$ -	\$ 150,636	\$ 334,659	\$ 1,667	\$ 90,740	\$ 68,262	\$ -

**Puget Sound Energy - 2011 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, 86T)	Non- Exclusive Interruptible (87, 87T)	Contracts	Rentals
TOTAL										
43	Demand	\$ 213,535,992	\$ 138,550,517	\$ 48,591,188	\$ 11,571,931	\$ 5,435,144	\$ 1,178,712	\$ 6,118,733	\$ 2,089,768	\$ -
44	Commodity	\$ 22,345,283	\$ 14,862,624	\$ 4,517,605	\$ 1,064,537	\$ 595,465	\$ 182,471	\$ 594,082	\$ 159,551	\$ 368,948
45	Customer	\$ 198,033,315	\$ 150,913,805	\$ 40,596,220	\$ 2,319,929	\$ 1,013,170	\$ 513,032	\$ 253,754	\$ 141,902	\$ 2,281,504
46	Direct Sales	\$ 24,110,288	\$ 16,499,558	\$ 4,244,130	\$ 820,625	\$ 301,145	\$ 241,983	\$ 187,309	\$ -	\$ 1,815,538
47	Direct Transport	\$ 645,964	\$ -	\$ -	\$ 150,636	\$ 334,659	\$ 1,667	\$ 90,740	\$ 68,262	\$ -
48	TOTAL REVENUE REQUIREMENT	\$ 458,670,842	\$ 320,826,503	\$ 97,949,143	\$ 15,927,657	\$ 7,679,583	\$ 2,117,865	\$ 7,244,618	\$ 2,459,482	\$ 4,465,990
49	TOTAL FIXED COSTS	\$ 436,325,560	\$ 305,963,879	\$ 93,431,538	\$ 14,863,120	\$ 7,084,118	\$ 1,935,394	\$ 6,650,536	\$ 2,299,932	\$ 4,097,042

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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, 86T)	Non-Exclusive Interruptible (87, 87T)	Contracts	Rentals
Unit Costs										
Gas Supply										
1	Demand (per Peak Day therm per month)	\$ 0.0065	\$ 0.0067	\$ 0.0067	\$ 0.0061	\$ 0.0010	\$ 0.0067	\$ 0.0001	-	\$ -
2	Commodity (per therm)	\$ 0.0013	\$ 0.0015	\$ 0.0015	\$ 0.0014	\$ 0.0008	\$ 0.0015	\$ 0.0008	\$ 0.0006	\$ -
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)	\$ 0.0020	\$ 0.0024	\$ 0.0023	\$ 0.0018	\$ 0.0008	\$ 0.0015	\$ 0.0008	\$ 0.0006	\$ -
Storage										
7	Demand (per Peak Day therm per month)	\$ 0.0693	\$ 0.0699	\$ 0.0616	\$ 0.0620	\$ 0.0959	\$ 1.1179	\$ 0.2775	-	\$ -
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)	\$ 0.0078	\$ 0.0105	\$ 0.0088	\$ 0.0047	\$ 0.0018	\$ 0.0090	\$ 0.0019	\$ 0.0009	\$ -
Transmission										
13	Demand (per Peak Day therm per month)	\$ 0.0039	\$ 0.0036	\$ 0.0036	\$ 0.0047	\$ 0.0163	\$ 0.0206	\$ 0.0393	\$ 0.0128	\$ -
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)	\$ 0.0004	\$ 0.0005	\$ 0.0005	\$ 0.0003	\$ 0.0002	\$ 0.0001	\$ 0.0001	\$ 0.0002	\$ -
Distribution										
19	Demand (per Peak Day therm per month)	\$ 1.9016	\$ 1.7623	\$ 1.7950	\$ 2.3672	\$ 6.8556	\$ 10.5819	\$ 13.0116	\$ 4.5125	\$ -
20	Commodity (per therm)	\$ 0.0183	\$ 0.0247	\$ 0.0199	\$ 0.0115	\$ 0.0055	\$ 0.0107	\$ 0.0028	\$ 0.0029	\$ -
21	Customer (per customer per month)	\$ 21.9840	\$ 18.1190	\$ 62.0726	\$ 122.1015	\$ 640.8410	\$ 126.0522	\$ 964.8457	\$ 985.4287	\$ -
22	Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Demand and Commodity (per therm)	\$ 0.2064	\$ 0.2666	\$ 0.2508	\$ 0.1565	\$ 0.0706	\$ 0.0869	\$ 0.0489	\$ 0.0608	\$ -
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)	\$ 2.677	\$ 1.981	\$ 6.489	\$ 44.483	\$ 739.914	\$ 59.631	\$ 1,734.342	\$ -	\$ -
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)	\$ 317.115	\$ -	\$ -	\$ 272.891	\$ 285.059	\$ 138.931	\$ 585.417	\$ 474.042	\$ -

**Puget Sound Energy - 2011 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, 86T)	Non- Exclusive Interruptible (87, 87T)	Contracts	Rentals
TOTAL										
41	Demand (per Peak Day therm per month)	\$ 1,9813	\$ 1,8424	\$ 1,8669	\$ 2,4401	\$ 6,9689	\$ 11,7271	\$ 13,3285	\$ 4,5253	\$ -
42	Commodity (per therm)	\$ 0,0205	\$ 0,0271	\$ 0,0223	\$ 0,0138	\$ 0,0072	\$ 0,0131	\$ 0,0046	\$ 0,0044	\$ -
43	Customer (per customer per month)	\$ 21,9840	\$ 18,1190	\$ 62,0726	\$ 122,1015	\$ 640,8410	\$ 126,0522	\$ 964,8457	\$ 985,4287	\$ -
44	Direct Sales (per sales customer per month)	\$ 2,6771	\$ 1,9810	\$ 6,4894	\$ 44,4831	\$ 739,9142	\$ 59,6311	\$ 1,734,3422	\$ -	\$ -
45	Direct Transport (per transp. cust. per month)	\$ 317,1152	\$ -	\$ -	\$ 272,8914	\$ 285,0585	\$ 138,9312	\$ 585,4172	\$ 474,0424	\$ -
46	Demand and Commodity (per therm)	\$ 0,2165	\$ 0,2799	\$ 0,2624	\$ 0,1633	\$ 0,0734	\$ 0,0975	\$ 0,0518	\$ 0,0625	\$ -
47	All Customer (per customer per month)	\$ 24,7322	\$ 20,1000	\$ 68,5620	\$ 173,2205	\$ 1,042,9940	\$ 185,9171	\$ 2,022,0648	\$ 1,459,4712	\$ -
48	PDAY	107,774,143	75,202,765	26,027,658	4,742,424	779,916	100,512	459,072	461,796	0
49	COM1	1,089,556,625	548,039,263	202,387,050	77,382,831	82,190,712	13,962,361	129,614,230	35,980,178	0
50	CUST	9,008,086	8,329,016	654,012	19,000	1,581	4,070	263	144	0
51	CUSTXT	9,006,049	8,329,016	654,012	18,448	407	4,058	108	0	0
52	TRANSCUS	2,037	0	0	552	1,174	12	155	144	0