

EXHIBIT NO. ___(JKP-5)
DOCKET NO. UE-07___/UG-07___
2007 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-07___
Docket No. UG-07___

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

DECEMBER 3, 2007

Puget Sound Energy - 2007 Gas Cost of Service Study
Proposed Test Year Without Gas
Summary

Line No.	Description	Total Company	Residential (16,23,53)	Comm. & Indus. (31,61)	Large Volume (41)	Interruptible (85)	Limited Interruptible (86)	Non-Exclusive Interruptible (87)	Transport & Contracts	CNG Service (50)	Rentals
	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)	(k)	(l)
Rate Base											
1	Plant in Service	\$ 2,282,742,658	\$ 1,518,316,281	\$ 548,541,424	\$ 64,469,897	\$ 25,267,488	\$ 13,250,781	\$ 45,890,420	\$ 21,782,825	\$ 528,654	\$ 44,694,890
2	Accumulated Reserve	(773,227,502)	(509,155,001)	(191,104,811)	(20,043,297)	(8,021,428)	(4,281,820)	(13,883,364)	(6,744,857)	(97,329)	(19,895,595)
3	Other Rate Base Items	(160,120,115)	(99,878,924)	(45,821,739)	(4,494,569)	(1,582,921)	(781,338)	(3,249,500)	(1,504,285)	7,920	(2,814,758)
4	TOTAL RATE BASE	\$ 1,349,395,041	\$ 909,282,355	\$ 311,614,874	\$ 39,932,031	\$ 15,663,138	\$ 8,187,623	\$ 28,757,555	\$ 13,533,683	\$ 439,245	\$ 21,984,537
Revenue at Current Rates											
5	Gas Revenues	-	-	-	-	-	-	-	-	-	-
6	Base Rate Revenues	333,460,649	226,714,023	65,386,783	13,729,465	6,557,084	3,542,875	5,803,776	3,908,922	28,932	7,788,789
7	Other Revenues	6,291,644	4,614,507	1,446,076	44,583	115,235	32,661	15,641	22,222	719	-
8	TOTAL REVENUE	\$ 339,752,293	\$ 231,328,530	\$ 66,832,859	\$ 13,774,048	\$ 6,672,319	\$ 3,575,536	\$ 5,819,417	\$ 3,931,144	\$ 29,651	\$ 7,788,789
Expenses at Current Rates											
9	Operation and Maintenance	108,932,397	79,789,225	21,446,364	2,220,114	1,364,388	584,685	1,555,914	984,482	53,475	933,749
10	Depreciation Expense	99,429,849	61,261,863	22,204,394	2,582,245	1,016,508	521,547	1,856,427	892,819	50,819	9,043,226
11	Taxes Other Than Income	28,153,873	18,453,613	6,912,390	820,375	331,962	169,410	579,142	282,252	5,271	599,457
12	Income Taxes	22,497,545	15,652,070	3,545,546	1,776,359	862,858	501,200	398,349	386,071	(17,415)	(607,492)
13	TOTAL EXPENSES - Current	\$ 259,013,663	\$ 175,156,771	\$ 54,108,693	\$ 7,399,094	\$ 3,575,716	\$ 1,776,842	\$ 4,389,832	\$ 2,545,624	\$ 92,151	\$ 9,968,941
14	Operating Income - Current	\$ 80,738,630	\$ 56,171,759	\$ 12,724,166	\$ 6,374,954	\$ 3,096,603	\$ 1,798,694	\$ 1,429,584	\$ 1,385,521	\$ (62,500)	\$ (2,180,152)
15	Current Rate of Return	5.9833%	6.1776%	4.0833%	15.9645%	19.7700%	21.9684%	4.9712%	10.2376%	-14.2289%	-9.9168%
Calculation of Rate Schedule Revenue Requirement at Equal Rates of Return											
16	Required Return	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%
17	Required Operating Income	\$ 116,047,973	\$ 78,198,283	\$ 26,798,879	\$ 3,434,155	\$ 1,347,030	\$ 704,136	\$ 2,473,150	\$ 1,163,897	\$ 37,775	\$ 1,890,670
18	Operating Income (Deficiency)/Surplus	(35,309,344)	(22,026,523)	(14,074,713)	2,940,799	1,749,573	1,094,558	(1,043,565)	221,624	(100,275)	(4,070,822)
19	Revenue Conversion Factor	0.6220									
20	Revenue (Deficiency) / Surplus	\$ (56,771,024)	\$ (35,979,464)	\$ (20,709,941)	\$ 3,421,426	\$ 2,104,818	\$ 1,330,110	\$ (1,575,997)	\$ 169,410	\$ (131,276)	\$ (5,400,110)
21	Revenue Requirement	\$ 396,523,317	\$ 267,307,994	\$ 87,542,801	\$ 10,352,621	\$ 4,567,502	\$ 2,245,425	\$ 7,395,414	\$ 3,761,735	\$ 160,927	\$ 13,188,899
22	Revenues Other Than Rate Sch. Rev.	6,291,644	4,614,507	1,446,076	44,583	115,235	32,661	15,641	22,222	719	-
23	Rate Schedule Revenue Requirement	390,231,673	262,693,487	86,096,724	10,308,039	4,452,266	2,212,765	7,379,773	3,739,512	160,208	13,188,899
24	Deficiency / (Surplus) as % of Sales & Trans Rev	17.02%	15.87%	31.67%	-24.92%	-32.10%	-37.54%	27.15%	-4.33%	453.74%	69.33%
Expenses at Required Return											
25	Operation and Maintenance	\$ 109,200,356	\$ 79,982,684	\$ 21,509,160	\$ 2,224,901	\$ 1,366,674	\$ 585,920	\$ 1,557,937	\$ 985,845	\$ 53,486	\$ 933,749
26	Depreciation Expense	99,429,849	61,261,863	22,204,394	2,582,245	1,016,508	521,547	1,856,427	892,819	50,819	9,043,226
27	Taxes Other Than Income	30,335,012	19,893,796	7,444,463	882,931	355,460	181,954	623,259	302,851	5,335	644,964
28	Income Taxes	41,510,127	27,971,369	9,585,905	1,228,390	481,830	251,868	884,641	416,324	13,512	676,289
29	TOTAL EXPENSES - Required	\$ 280,475,343	\$ 189,109,711	\$ 60,743,921	\$ 6,918,467	\$ 3,220,472	\$ 1,541,290	\$ 4,922,264	\$ 2,597,838	\$ 123,152	\$ 11,298,228
30	Rate Schedule Revenue as Proposed	\$ 390,230,976	\$ 265,396,615	\$ 81,565,111	\$ 13,729,592	\$ 6,556,939	\$ 3,240,609	\$ 7,046,653	\$ 4,467,760	\$ 34,006	\$ 8,193,691
31	Other Revenue	6,291,644	4,614,507	1,446,076	44,583	115,235	32,661	15,641	22,222	719	-
32	Revenue as Proposed	\$ 396,522,620	\$ 270,011,122	\$ 83,011,187	\$ 13,774,175	\$ 6,672,174	\$ 3,273,269	\$ 7,062,294	\$ 4,489,983	\$ 34,725	\$ 8,193,691
33	Proposed Revenue Increase	\$ 56,770,327	\$ 38,682,592	\$ 16,178,328	\$ 127	\$ (145)	\$ (302,266)	\$ 1,242,877	\$ 558,838	\$ 5,074	\$ 404,902
34	Proposed Revenue - Revenue Requirement	\$ 396,522,620	\$ 270,011,122	\$ 83,011,187	\$ 13,774,175	\$ 6,672,174	\$ 3,273,269	\$ 7,062,294	\$ 4,489,983	\$ 34,725	\$ 8,193,691
35	Current Revenue to Cost Ratio	0.85	0.86	0.76	1.33	1.47	1.60	0.79	1.05	0.18	0.59
36	Parity Ratio	1.00	1.01	0.89	1.56	1.72	1.87	0.92	1.22	0.21	0.69
37	Proposed Revenue to Cost Ratio	1.00	1.01	0.95	1.33	1.46	1.46	0.95	1.19	0.22	0.62

Puget Sound Energy - 2007 Gas Cost of Service Study
Proposed Test Year Without Gas
Functional Rate Base

	System Total	Residential (16,23,53)	Comm. & Indus. (31,61)	Large Volume (41)	Interruptible (85)	Limited Interruptible (86)	Non-Exclusive Interruptible (87)	Transport & Contracts	CNG Service (50)	Rentals
Gas Supply										
Demand	\$ 1,844,611	\$ 1,312,664	\$ 470,435	\$ 56,137	\$ 1,817	\$ 2,579	\$ 942	\$ -	\$ 36	\$ -
Commodity	\$ 1,767,630	\$ 1,021,619	\$ 391,092	\$ 130,574	\$ 50,765	\$ 32,525	\$ 112,928	\$ 27,894	\$ 232	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ 3,612,241	\$ 2,334,283	\$ 861,527	\$ 186,711	\$ 52,581	\$ 35,105	\$ 113,871	\$ 27,894	\$ 268	\$ -
Storage										
Demand	\$ 26,330,355	\$ 18,243,755	\$ 5,855,695	\$ 916,269	\$ 244,602	\$ 496,049	\$ 573,985	\$ -	\$ -	\$ -
Commodity	\$ 2,503,293	\$ 1,230,085	\$ 470,897	\$ 157,930	\$ 145,355	\$ 39,162	\$ 314,230	\$ 145,354	\$ 279	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ 28,833,647	\$ 19,473,841	\$ 6,326,592	\$ 1,074,199	\$ 389,956	\$ 535,211	\$ 888,214	\$ 145,354	\$ 279	\$ -
Transmission										
Demand	\$ 1,038,462	\$ 654,035	\$ 238,503	\$ 42,646	\$ 23,784	\$ 6,307	\$ 47,561	\$ 25,574	\$ 51	\$ -
Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ 1,038,462	\$ 654,035	\$ 238,503	\$ 42,646	\$ 23,784	\$ 6,307	\$ 47,561	\$ 25,574	\$ 51	\$ -
Distribution										
Demand	\$ 737,963,673	\$ 476,254,568	\$ 173,827,804	\$ 31,659,110	\$ 12,214,688	\$ 4,817,792	\$ 26,736,044	\$ 12,076,761	\$ 376,906	\$ -
Commodity	\$ 524,396	\$ 257,681	\$ 98,645	\$ 33,084	\$ 30,449	\$ 8,204	\$ 65,826	\$ 30,449	\$ 58	\$ -
Customer	\$ 563,518,933	\$ 403,454,999	\$ 126,551,508	\$ 6,364,011	\$ 2,220,913	\$ 2,526,385	\$ 510,544	\$ 802,886	\$ 27,092	\$ 21,060,596
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ 1,302,007,001	\$ 879,967,248	\$ 300,477,957	\$ 38,056,204	\$ 14,466,050	\$ 7,352,381	\$ 27,312,414	\$ 12,910,095	\$ 404,056	\$ 21,060,596
Gas Costs										
Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sales Specific Costs										
Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ 12,816,106	\$ 6,852,948	\$ 3,710,294	\$ 566,767	\$ 242,174	\$ 258,618	\$ 226,772	\$ -	\$ 34,590	\$ 923,941
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ 12,816,106	\$ 6,852,948	\$ 3,710,294	\$ 566,767	\$ 242,174	\$ 258,618	\$ 226,772	\$ -	\$ 34,590	\$ 923,941
Transport Specific Costs										
Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ 1,087,584	\$ -	\$ -	\$ 5,503	\$ 488,592	\$ -	\$ 168,723	\$ 424,766	\$ -	\$ -
Sub-total	\$ 1,087,584	\$ -	\$ -	\$ 5,503	\$ 488,592	\$ -	\$ 168,723	\$ 424,766	\$ -	\$ -
TOTAL										
Demand	\$ 767,177,101	\$ 496,465,023	\$ 180,392,437	\$ 32,674,162	\$ 12,484,890	\$ 5,322,728	\$ 27,358,532	\$ 12,102,335	\$ 376,993	\$ -
Commodity	\$ 4,795,318	\$ 2,509,385	\$ 960,634	\$ 321,588	\$ 226,569	\$ 79,891	\$ 492,984	\$ 203,697	\$ 569	\$ -
Customer	\$ 563,518,933	\$ 403,454,999	\$ 126,551,508	\$ 6,364,011	\$ 2,220,913	\$ 2,526,385	\$ 510,544	\$ 802,886	\$ 27,092	\$ 21,060,596
Direct Sales	\$ 12,816,106	\$ 6,852,948	\$ 3,710,294	\$ 566,767	\$ 242,174	\$ 258,618	\$ 226,772	\$ -	\$ 34,590	\$ 923,941
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL RATE BASE	\$ 1,348,307,457	\$ 909,282,355	\$ 311,614,874	\$ 39,926,528	\$ 15,174,546	\$ 8,187,623	\$ 28,588,832	\$ 13,108,918	\$ 439,245	\$ 21,984,537

Puget Sound Energy - 2007 Gas Cost of Service Study
Proposed Test Year Without Gas
Functional Revenue Requirement

	System Total	Residential (16,23,53)	Comm. & Indus. (31,61)	Large Volume (41)	Interruptible (85)	Limited Interruptible (86)	Non-Exclusive Interruptible (87)	Transport & Contracts	CNG Service (50)	Rentals
Gas Supply										
Demand	\$ 784,241	\$ 558,083	\$ 200,007	\$ 23,867	\$ 772	\$ 1,097	\$ 401	\$ -	\$ 15	\$ -
Commodity	\$ 1,354,590	\$ 778,816	\$ 298,143	\$ 99,555	\$ 40,286	\$ 24,795	\$ 89,447	\$ 23,370	\$ 177	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ 2,138,831	\$ 1,336,899	\$ 498,150	\$ 123,422	\$ 41,059	\$ 25,892	\$ 89,848	\$ 23,370	\$ 192	\$ -
Storage										
Demand	\$ 5,885,928	\$ 4,078,237	\$ 1,308,991	\$ 204,824	\$ 54,679	\$ 110,888	\$ 128,309	\$ -	\$ -	\$ -
Commodity	\$ 676,844	\$ 332,592	\$ 127,322	\$ 42,701	\$ 39,301	\$ 10,589	\$ 84,962	\$ 39,301	\$ 75	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ 6,562,772	\$ 4,410,829	\$ 1,436,313	\$ 247,526	\$ 93,980	\$ 121,476	\$ 213,271	\$ 39,301	\$ 75	\$ -
Transmission										
Demand	\$ 910,463	\$ 573,420	\$ 209,105	\$ 37,390	\$ 20,852	\$ 5,530	\$ 41,699	\$ 22,422	\$ 45	\$ -
Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ 910,463	\$ 573,420	\$ 209,105	\$ 37,390	\$ 20,852	\$ 5,530	\$ 41,699	\$ 22,422	\$ 45	\$ -
Distribution										
Demand	\$ 176,932,466	\$ 114,151,422	\$ 41,663,016	\$ 7,586,518	\$ 2,939,988	\$ 1,154,458	\$ 6,427,197	\$ 2,910,262	\$ 99,606	\$ -
Commodity	\$ 920,204	\$ 607,747	\$ 158,245	\$ 25,911	\$ 36,152	\$ 6,979	\$ 47,414	\$ 37,692	\$ 63	\$ -
Customer	\$ 185,677,128	\$ 131,067,629	\$ 38,946,784	\$ 1,684,397	\$ 554,662	\$ 644,974	\$ 128,378	\$ 205,787	\$ 23,933	\$ 12,420,584
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ 363,529,797	\$ 245,826,797	\$ 80,768,046	\$ 9,296,826	\$ 3,530,802	\$ 1,806,411	\$ 6,602,989	\$ 3,153,741	\$ 123,602	\$ 12,420,584
Gas Costs										
Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sales Specific Costs										
Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ 22,045,308	\$ 15,160,049	\$ 4,631,186	\$ 639,567	\$ 273,382	\$ 286,116	\$ 249,681	\$ -	\$ 37,012	\$ 768,315
Direct Transport	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total	\$ 22,045,308	\$ 15,160,049	\$ 4,631,186	\$ 639,567	\$ 273,382	\$ 286,116	\$ 249,681	\$ -	\$ 37,012	\$ 768,315
Transport Specific Costs										
Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport	\$ 1,336,146	\$ -	\$ -	\$ 7,892	\$ 607,427	\$ -	\$ 197,926	\$ 522,901	\$ -	\$ -
Sub-total	\$ 1,336,146	\$ -	\$ -	\$ 7,892	\$ 607,427	\$ -	\$ 197,926	\$ 522,901	\$ -	\$ -
TOTAL										
Demand	\$ 184,513,097	\$ 119,361,161	\$ 43,381,119	\$ 7,852,598	\$ 3,016,291	\$ 1,271,972	\$ 6,597,606	\$ 2,932,683	\$ 99,667	\$ -
Commodity	\$ 2,951,638	\$ 1,719,155	\$ 583,711	\$ 168,167	\$ 115,740	\$ 42,363	\$ 221,823	\$ 100,363	\$ 315	\$ -
Customer	\$ 185,677,128	\$ 131,067,629	\$ 38,946,784	\$ 1,684,397	\$ 554,662	\$ 644,974	\$ 128,378	\$ 205,787	\$ 23,933	\$ 12,420,584
Direct Sales	\$ 22,045,308	\$ 15,160,049	\$ 4,631,186	\$ 639,567	\$ 273,382	\$ 286,116	\$ 249,681	\$ -	\$ 37,012	\$ 768,315
Direct Transport	\$ 1,336,146	\$ -	\$ -	\$ 7,892	\$ 607,427	\$ -	\$ 197,926	\$ 522,901	\$ -	\$ -
TOTAL REVENUE REQUIREMENT	\$ 396,523,317	\$ 267,307,994	\$ 87,542,801	\$ 10,352,621	\$ 4,567,502	\$ 2,245,425	\$ 7,395,414	\$ 3,761,735	\$ 160,927	\$ 13,188,899
TOTAL FIXED COSTS	\$ 393,571,679	\$ 265,588,839	\$ 86,959,090	\$ 10,184,454	\$ 4,451,762	\$ 2,203,062	\$ 7,173,591	\$ 3,661,372	\$ 160,612	\$ 13,188,899

Puget Sound Energy - 2007 Gas Cost of Service Study
Proposed Test Year Without Gas
Unit Costs

	System Total	Residential (16,23,53)	Comm. & Indus. (31,61)	Large Volume (41)	Interruptible (85)	Limited Interruptible (86)	Non-Exclusive Interruptible (87)	Transport & Contracts	CNG Service (50)	Rentals
Gas Supply										
Demand (per Peak Day therm per month)	\$ 0.0073	\$ 0.0074	\$ 0.0074	\$ 0.0073	\$ 0.0013	\$ 0.0074	\$ 0.0006	\$ -	\$ 0.0074	\$ -
Commodity (per therm)	\$ 0.0012	\$ 0.0015	\$ 0.0015	\$ 0.0015	\$ 0.0006	\$ 0.0015	\$ 0.0007	\$ 0.0004	\$ 0.0015	\$ -
Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Demand and Commodity (per therm)	\$ 0.0020	\$ 0.0025	\$ 0.0024	\$ 0.0018	\$ 0.0007	\$ 0.0015	\$ 0.0007	\$ 0.0004	\$ 0.0016	\$ -
Storage										
Demand (per Peak Day therm per month)	\$ 0.0544	\$ 0.0540	\$ 0.0484	\$ 0.0626	\$ 0.0900	\$ 0.7477	\$ 0.1796	\$ -	\$ -	\$ -
Commodity (per therm)	\$ 0.0006	\$ 0.0006	\$ 0.0006	\$ 0.0006	\$ 0.0006	\$ 0.0006	\$ 0.0006	\$ 0.0006	\$ 0.0006	\$ -
Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Demand and Commodity (per therm)	\$ 0.0061	\$ 0.0083	\$ 0.0070	\$ 0.0036	\$ 0.0015	\$ 0.0072	\$ 0.0016	\$ 0.0006	\$ 0.0006	\$ -
Transmission										
Demand (per Peak Day therm per month)	\$ 0.0084	\$ 0.0076	\$ 0.0077	\$ 0.0114	\$ 0.0343	\$ 0.0373	\$ 0.0584	\$ 0.0253	\$ 0.0214	\$ -
Commodity (per therm)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Demand and Commodity (per therm)	\$ 0.0008	\$ 0.0011	\$ 0.0010	\$ 0.0005	\$ 0.0003	\$ 0.0003	\$ 0.0003	\$ 0.0004	\$ 0.0004	\$ -
Distribution										
Demand (per Peak Day therm per month)	\$ 1.6359	\$ 1.5124	\$ 1.5402	\$ 2.3196	\$ 4.8413	\$ 7.7842	\$ 8.9971	\$ 3.2868	\$ 47.5718	\$ -
Commodity (per therm)	\$ 0.0008	\$ 0.0011	\$ 0.0008	\$ 0.0004	\$ 0.0004	\$ 0.0004	\$ 0.0003	\$ 0.0006	\$ 0.0005	\$ -
Customer (per customer per month)	\$ 21.5622	\$ 16.4808	\$ 61.2972	\$ 103.6680	\$ 431.9796	\$ 133.7011	\$ 396.2272	\$ 504.3806	\$ 664.8023	\$ -
Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Demand and Commodity (per therm)	\$ 0.1640	\$ 0.2154	\$ 0.2051	\$ 0.1113	\$ 0.0473	\$ 0.0685	\$ 0.0476	\$ 0.0468	\$ 0.8246	\$ -
Gas Costs										
Demand (per Peak Day therm per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commodity (per therm)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Demand and Commodity (per therm)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sales Specific Costs										
Demand (per Peak Day therm per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commodity (per therm)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales (per sales customer per month)	\$ 2.561	\$ 1.906	\$ 7.289	\$ 39.421	\$ 734.897	\$ 59.311	\$ 1,300.424	\$ -	\$ 1,028.122	\$ -
Direct Transport (per transp. cust. per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transport Specific Costs										
Demand (per Peak Day therm per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commodity (per therm)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer (per customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Sales (per sales customer per month)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Transport (per transp. cust. per month)	\$ 905.248	\$ -	\$ -	\$ 328.841	\$ 666.039	\$ -	\$ 1,499.438	\$ 1,281.620	\$ -	\$ -
TOTAL										
Demand (per Peak Day therm per month)	\$ 1.7060	\$ 1.5814	\$ 1.6038	\$ 2.4009	\$ 4.9670	\$ 8.5766	\$ 9.2357	\$ 3.3121	\$ 47.6006	\$ -
Commodity (per therm)	\$ 0.0027	\$ 0.0032	\$ 0.0029	\$ 0.0025	\$ 0.0018	\$ 0.0025	\$ 0.0016	\$ 0.0016	\$ 0.0026	\$ -
Customer (per customer per month)	\$ 21.5622	\$ 16.4808	\$ 61.2972	\$ 103.6680	\$ 431.9796	\$ 133.7011	\$ 396.2272	\$ 504.3806	\$ 664.8023	\$ -
Direct Sales (per sales customer per month)	\$ 2.5605	\$ 1.9063	\$ 7.2889	\$ 39.4210	\$ 734.8969	\$ 59.3109	\$ 1,300.4242	\$ -	\$ 1,028.1219	\$ -
Direct Transport (per transp. cust. per month)	\$ 905.2481	\$ -	\$ -	\$ 328.8412	\$ 666.0387	\$ -	\$ 1,499.4381	\$ 1,281.6197	\$ -	\$ -
Demand and Commodity (per therm)	\$ 0.1729	\$ 0.2273	\$ 0.2156	\$ 0.1173	\$ 0.0498	\$ 0.0775	\$ 0.0501	\$ 0.0482	\$ 0.8272	\$ -
All Customer (per customer per month)	\$ 24.2774	\$ 18.3871	\$ 68.5861	\$ 143.5165	\$ 1,117.9678	\$ 193.0120	\$ 1,777.7311	\$ 1,786.0003	\$ 1,692.9241	\$ -
PDAY	108,154,736	75,477,033	27,049,602	3,270,636	607,272	148,308	714,360	885,432	2,094	0
COMI	1,084,208,168	532,765,816	203,951,509	68,401,668	62,955,045	16,961,705	136,096,989	62,954,572	120,864	0
CUST	8,611,236	7,952,736	635,376	16,248	1,284	4,824	324	408	36	0
CUSTXT	8,609,760	7,952,736	635,376	16,224	372	4,824	192	0	36	0
TRANSCUS	1,476	0	0	24	912	0	132	408	0	0