

Puget Sound Energy - 2011 Gas Cost of Service Study
Proposed Test Year Without Gas
NWIGU Recommended Summary

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)
Rate Base										
1	Plant in Service	\$ 2,794,672,762	\$ 1,909,304,291	\$ 638,407,933	\$ 104,866,050	\$ 35,785,321	\$ 12,873,712	\$ 41,627,504	\$ 13,687,806	\$ 38,120,145
2	Accumulated Reserve	(933,554,964)	(627,358,305)	(211,329,010)	(31,379,819)	(10,633,163)	(3,911,125)	(12,155,312)	(3,985,211)	(32,803,019)
3	Other Rate Base Items	(202,812,274)	(140,667,398)	(46,799,248)	(8,013,194)	(2,566,660)	(806,064)	(3,106,602)	(1,097,844)	244,736
4	TOTAL RATE BASE	\$ 1,658,305,524	\$ 1,141,278,588	\$ 380,279,675	\$ 65,473,037	\$ 22,585,498	\$ 8,156,523	\$ 26,365,590	\$ 8,604,751	\$ 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	93,274,237	23,013,664	3,245,635	1,380,504	512,983	1,284,230	388,661	1,599,798
10	Depreciation Expense	108,564,422	74,488,906	24,536,759	4,004,909	1,380,603	492,709	1,587,110	522,870	1,550,555
11	Taxes Other Than Income	36,896,832	25,317,853	7,936,517	1,466,894	609,693	218,375	524,540	160,721	662,239
12	Income Taxes	36,819,374	25,339,820	8,443,353	1,453,699	501,466	181,099	585,395	191,051	123,490
13	TOTAL EXPENSES - Current	\$ 306,980,340	\$ 218,420,816	\$ 63,930,293	\$ 10,171,136	\$ 3,872,267	\$ 1,405,167	\$ 3,981,276	\$ 1,263,303	\$ 3,936,081
14	Operating Income - Current	\$ 119,825,614	\$ 75,358,092	\$ 23,376,199	\$ 8,142,640	\$ 4,753,454	\$ 1,666,290	\$ 1,899,397	\$ 395,338	\$ 4,234,204
15	Current Rate of Return	7.23%	6.60%	6.15%	12.44%	21.05%	20.43%	7.20%	4.59%	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	\$ 96,095,657	\$ 32,019,549	\$ 5,512,830	\$ 1,901,699	\$ 686,779	\$ 2,219,983	\$ 724,520	\$ 468,309
18	Operating Income (Deficiency)/Surplus	(19,803,711)	(20,737,565)	(8,643,350)	2,629,810	2,851,756	979,510	(320,585)	(329,182)	3,765,895
19	Revenue Conversion Factor	0.621490								
20	Revenue (Deficiency) / Surplus	\$ (31,864,888)	\$ (29,052,725)	\$ (11,368,608)	\$ 2,151,928	\$ 2,680,225	\$ 917,624	\$ (508,032)	\$ (389,596)	\$ 3,704,295
21	Revenue Requirement	\$ 458,670,842	\$ 322,831,634	\$ 98,675,100	\$ 16,161,848	\$ 5,945,497	\$ 2,153,832	\$ 6,388,705	\$ 2,048,236	\$ 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	318,281,738	96,742,821	16,040,180	5,882,899	2,127,997	6,352,467	2,048,212	4,434,486
24	Deficiency / (Surplus) as % of Rate Rev	7.59%	10.04%	13.32%	-11.83%	-31.30%	-30.13%	8.69%	23.49%	-45.51%
Expenses at Required Return										
25	Operation and Maintenance	\$ 124,874,172	\$ 93,408,301	\$ 23,044,967	\$ 3,249,525	\$ 1,381,866	\$ 513,551	\$ 1,285,117	\$ 388,913	\$ 1,601,933
26	Depreciation Expense	108,564,422	74,488,906	24,536,759	4,004,909	1,380,603	492,709	1,587,110	522,870	1,550,555
27	Taxes Other Than Income	38,119,997	26,160,082	8,185,125	1,519,869	634,629	227,244	541,559	165,551	685,938
28	Income Taxes	47,482,926	32,678,687	10,888,700	1,874,716	646,700	233,549	754,937	246,383	159,255
29	TOTAL EXPENSES - Required	\$ 319,041,517	\$ 226,735,977	\$ 66,655,551	\$ 10,649,018	\$ 4,043,798	\$ 1,467,053	\$ 4,168,723	\$ 1,323,716	\$ 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	0.88	1.13	1.46	1.43	0.92	0.81	1.84
36	Parity Ratio	1.00	0.98	0.95	1.22	1.57	1.54	0.99	0.87	1.97