EXHIBIT NO. ___(SJC-5)
DOCKET NO. _____
2005 POWER COST ONLY RATE CASE
WITNESS: SARA J. CARDWELL

BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION, **Complainant,** **v.** **PUGET SOUND ENERGY, INC.,** **Respondent.**	**Docket No. UE-_____**

FOURTH EXHIBIT TO THE PREFILED DIRECT TESTIMONY OF SARA J. CARDWELL (NONCONFIDENTIAL) ON BEHALF OF PUGET SOUND ENERGY, INC.

JUNE 7, 2005

Puget Sound Energy
Allocation of Power Cost Revenue Requirement

Line No.	Customer Class	a UE-040640 Energy Allocato1	b = a * 86% Energy	c UE-040641 Demand Allocator	d = c * 14% Demand	e = b + d Weighted Allocation	f Revenue Requirement	g = e * f 2005 PCA Rev Req	h kWh 04/04 to 03/05	i = (g / h) * 100 Sch 95 ¢ per kWh
1	Residential	10,530,782,001	0.436680	2,283,050	0.083878	0.520559		$ 35,768,139	10,129,282,893	0.3531 ¢
2										
3	Sec Gen Svc - Small	2,567,513,886	0.106467	418,821	0.015387	0.121855		$ 8,372,752	2,462,369,464	0.3400 ¢
4	Sec Gen Svc - Medium	3,070,320,166	0.127317	486,799	0.017885	0.145202		$ 9,976,975	2,933,436,810	0.3401 ¢
5	Sec Gen Svc - Large	2,033,425,138	0.084320	306,725	0.011269	0.095589		$ 6,568,026	2,000,327,535	0.3283 ¢
6	Sec Irrigation Svc	16,137,237	0.000669	327	0.000012	0.000681		$ 46,804	16,619,422	0.2816 ¢
7										
8	Pri Gen Svc	1,732,250,258	0.071831	251,566	0.009242	0.081074		$ 5,570,661	1,720,697,764	0.3237 ¢
9	Pri Irrigation Svc	5,179,541	0.000215	3	0.000000	0.000215		$ 14,765	5,272,800	0.2800 ¢
10	Pri Interruptible Svc	198,756,334	0.008242	-	-	0.008242		$ 566,305	170,898,929	0.3314 ¢
11										
12	HV - Sch 46	52,438,983	0.002174	-	-	0.002174		$ 149,411	53,868,000	0.2774 ¢
13	HV - Sch 49	435,535,557	0.018060	54,839	0.002015	0.020075		$ 1,379,384	428,133,312	0.3222 ¢
14										
15	Lights	88,994,743	0.003690	7,108	0.000261	0.003951		$ 271,511	85,072,943	0.3192 ¢
16										
17	Firm Resale - Small	8,033,422	0.000333	1,358	0.000050	0.000383		$ 26,317	7,343,249	0.3584 ¢
18										
19	Subtotal	20,739,367,266	0.860000	3,810,596	0.140000	1.000000	$ 68,711,052	$ 68,711,052	20,013,323,121	0.3433 ¢
20										
21	Transportation Special Contract	128,379,640		15,716					143,532,718	
22	Transportation	2,045,918,481		247,756					1,993,176,481	
23										
24	Total	22,913,665,387		4,074,068					22,150,032,320	

Puget Sound Energy
Description of Calculations on Exhibit

Page No.	Column No.	Description
Pages 1 & 5		
	Column (a)	Total annual kWh consumption for each schedule for the GRC (Docket No. UE-040641) test period
	Column (b)	Energy related weighted portion of the peak credit (PC) weighted allocation factors and is equal to the prorata share of each schedule's total annual consumption for the test period to the system total times the energy related PC Factor, in this case 86%.
	Column (c)	Schedule level total demand during the top 200 hours of system demand for the GRC test period.
	Column (d)	Demand related weighted portion of the PC weighted allocation factors and is equal to the prorata share of each schedule's contribution to the top 200 system peak hours for the test period times the demand related PC Factor, in this case 14%.
	Column (e)	Resulting PC weighted allocation factor for each schedule and is equal to the sum of Columns (b) and (d). Using Column (e), the proposed power cost ($68,711,052) or production tax credit (-$13,139,386) revenue requirement from Exhibit No. ___ (JHS-8) is allocated to all applicable schedules.
	Column (f)	The proposed power cost ($68,711,052) or production tax credit (-$13,139,386) revenue requirement from Exhibit No. (JHS-8).
	Column (g)	Result of multiplying Column (e) by the proposed power cost ($68,711,052) or production tax credit (-$13,139,386) revenue requirement from Column (f) to allocate the power cost or production tax credit to all applicable schedules.
	Column (h)	Test year pro forma volumes (YE 3/05) for each schedule.
	Column (i)	Cents / kWh amount to be charged to customers on each of the applicable schedules is shown in and is equal to Column (g) divided by the test year pro forma volumes (YE 3/05) for each schedule as shown in Column (h).

Puget Sound Energy
Statement of Proforma and Proposed Revenues for Power Cost Adjustment

Line No.	CUSTOMER CLASS	SCHEDULE	a kWh 04/04 to 03/05	b Pro forma Revenue @ Rates Effective 3-4-05	c Schedule 95 ¢ per kWh @ 2006	d = b +e Proposed Revenue (Incl. Sch 95) @ 2006	e = a * c Increase / Decrease $	f = e / b Increase / Decrease %
1	Residential	7	10,129,282,893	$ 827,377,693	0.3531 ¢	$ 863,145,832	$ 35,768,139	4.32%
2								
3	Sec Gen Svc - Small	24	2,462,369,464	$ 187,253,951	0.3400 ¢	$ 195,626,703	$ 8,372,752	4.47%
4	Sec Gen Svc - Medium	25	2,923,910,770	$ 217,795,153	0.3401 ¢	$ 227,739,729	$ 9,944,576	4.57%
5	Sec Gen Svc - Large	26	1,885,095,295	$ 125,851,868	0.3283 ¢	$ 132,041,532	$ 6,189,664	4.92%
6	Sec Irrigation Svc	29	16,619,422	$ 1,083,826	0.2816 ¢	$ 1,130,630	$ 46,804	4.32%
7								
8	Secondary Service Total		7,287,994,950	$ 531,984,798	0.3369 ¢	$ 556,538,595	$ 24,553,796	4.62%
9								
10	Pri Gen Svc	31	1,408,936,864	$ 87,701,614	0.3237 ¢	$ 92,262,967	$ 4,561,353	5.20%
11	Pri Irrigation Svc	35	5,272,800	$ 224,640	0.2800 ¢	$ 239,406	$ 14,765	6.57%
12	Pri Interruptible Svc	43	170,898,929	$ 11,531,370	0.3314 ¢	$ 12,097,675	$ 566,305	4.91%
13								
14	Primary Service Total		1,585,108,593	$ 99,457,624	0.3244 ¢	$ 104,600,047	$ 5,142,423	5.17%
15								
16	Medium Secondary Voltage	40	9,526,040	$ 593,808	0.3401 ¢	$ 626,207	$ 32,399	5.46%
17	Large Secondary Voltage	40	115,232,240	$ 6,852,150	0.3283 ¢	$ 7,230,512	$ 378,362	5.52%
18	Primary Voltage	40	311,760,900	$ 17,830,056	0.3237 ¢	$ 18,839,364	$ 1,009,308	5.66%
19								
20	Schedule 40 Total		436,519,180	$ 25,276,014	0.3253 ¢	$ 26,696,083	$ 1,420,070	5.62%
21								
16	HV Interruptible Svc	46	53,868,000	$ 2,525,531	0.2774 ¢	$ 2,674,942	$ 149,411	5.92%
17	HV Gen Svc	49	428,133,312	$ 21,218,653	0.3222 ¢	$ 22,598,036	$ 1,379,384	6.50%
18								
19	High Voltage Service Total		482,001,312	$ 23,744,183	0.3172 ¢	25,272,978	$ 1,528,795	6.44%
20								
21	Lights		85,072,943	$ 13,483,388	0.3192 ¢	$ 13,754,899	$ 271,511	2.01%
22								
23	Small Firm Resale	005	7,343,249	$ 459,824	0.3584 ¢	$ 486,141	$ 26,317	5.72%
24								
25	Subtotal		20,013,323,121	$ 1,521,783,525	0.3433 ¢	$ 1,590,494,577	$ 68,711,052	4.52%
26								
27	Excluded Schedules							
28	Transportation Special Contract	005	143,532,718	$ 1,695,341		$ 1,695,341	$ -	0.00%
29	Transportation	449 / 459	1,993,176,481	$ 6,219,353		$ 6,219,353	$ -	0.00%
30								
31								
32	Total		22,150,032,320	$ 1,529,698,219		$ 1,598,409,271	$ 68,711,052	4.49%

Puget Sound Energy
Description of Calculations on Exhibit

Page No.	Column No.	Description
Pages 3 & 6		
	Column (a)	Test year pro forma volumes (YE 3/05) for each schedule.
	Column (b)	Test year pro forma revenue (billing determinants from YE 3/05 and rates effective 3-4-05) for each schedule.
	Column (c)	Cents / kWh amount to be charged to customers on each of the applicable schedules from SJC-5, page 1 or 5, Column (i)
	Column (d)	Test year proposed revenue resulting from the summation of the proposed power cost or production tax credit revenue requirement in Column (e) and the proforma revenue in Column (b).
	Column (e)	The proposed power cost or production tax credit revenue requirement, by rate schedule, from JHS-8.
	Column (f)	Percent increase by rate schedule resulting from the division of the proposed power cost or production tax credit revenue requirement in Column (e) by the proforma revenue in Column (b)

Puget Sound Energy
Allocation of Production Tax Credit Revenue Requirement

Line No.	Customer Class	a UE-040640 Energy Allocato1	b = a * 86% Energy	c UE-040641 Demand Allocator	d = c * 14% Demand	e = b + d Weighted Allocation	f Revenue Requirement	g = e * f 2005 PTC Rev Req	h kWh 04/04 to 03/05	i = (g / h) * 100 Sch 95 ¢ per kWh
1	Residential	10,530,782,001	0.436680	2,283,050	0.083878	0.520559		$ (6,839,822)	10,129,282,893	-0.0675 ¢
2										
3	Sec Gen Svc - Small	2,567,513,886	0.106467	418,821	0.015387	0.121855		$ (1,601,094)	2,462,369,464	-0.0650 ¢
4	Sec Gen Svc - Medium	3,070,320,166	0.127317	486,799	0.017885	0.145202		$ (1,907,864)	2,933,436,810	-0.0650 ¢
5	Sec Gen Svc - Large	2,033,425,138	0.084320	306,725	0.011269	0.095589		$ (1,255,982)	2,000,327,535	-0.0628 ¢
6	Sec Irrigation Svc	16,137,237	0.000669	327	0.000012	0.000681		$ (8,950)	16,619,422	-0.0539 ¢
7										
8	Pri Gen Svc	1,732,250,258	0.071831	251,566	0.009242	0.081074		$ (1,065,259)	1,720,697,764	-0.0619 ¢
9	Pri Irrigation Svc	5,179,541	0.000215	3	0.000000	0.000215		$ (2,824)	5,272,800	-0.0535 ¢
10	Pri Interruptible Svc	198,756,334	0.008242	-	-	0.008242		$ (108,293)	170,898,929	-0.0634 ¢
11										
12	HV - Sch 46	52,438,983	0.002174	-	-	0.002174		$ (28,571)	53,868,000	-0.0530 ¢
13	HV - Sch 49	435,535,557	0.018060	54,839	0.002015	0.020075		$ (263,775)	428,133,312	-0.0616 ¢
14										
15	Lights	88,994,743	0.003690	7,108	0.000261	0.003951		$ (51,920)	85,072,943	-0.0610 ¢
16										
17	Firm Resale - Small	8,033,422	0.000333	1,358	0.000050	0.000383		$ (5,033)	7,343,249	-0.0685 ¢
18										
19	Subtotal	20,739,367,266	0.860000	3,810,596	0.140000	1.000000	$ (13,139,386)	$ (13,139,386)	20,013,323,121	-0.0657 ¢
20										
21	Transportation Special Contract	128,379,640		15,716					143,532,718	
22	Transportation	2,045,918,481		247,756					1,993,176,481	
23										
24	Total	22,913,665,387		4,074,068					22,150,032,320	

Puget Sound Energy
Statement of Proforma and Proposed Revenues for Production Tax Credit

Line No.	CUSTOMER CLASS	SCHEDULE	a kWh 04/04 to 03/05	b Pro forma Revenue @ Rates Effective 3-4-05	c Schedule 95-A ¢ per kWh @ 2006	d = b +e Proposed Revenue (Incl. Sch 95-A) @ 2006	e = a * c Increase / Decrease $	f = e / b Increase / Decrease %
1	Residential	7	10,129,282,893	$ 827,377,693	-0.0675 ¢	$ 820,537,871	$ (6,839,822)	-0.827%
2								
3	Sec Gen Svc - Small	24	2,462,369,464	$ 187,253,951	-0.0650 ¢	$ 185,652,857	$ (1,601,094)	-0.86%
4	Sec Gen Svc - Medium	25	2,923,910,770	$ 217,795,153	-0.0650 ¢	$ 215,893,485	$ (1,901,668)	-0.87%
5	Sec Gen Svc - Large	26	1,885,095,295	$ 125,851,868	-0.0628 ¢	$ 124,668,240	$ (1,183,629)	-0.94%
6	Sec Irrigation Svc	29	16,619,422	$ 1,083,826	-0.0539 ¢	$ 1,074,876	$ (8,950)	-0.83%
7								
8	Secondary Service Total		7,287,994,950	$ 531,984,798	-0.0644 ¢	$ 527,289,458	$ (4,695,341)	-0.88%
9								
10	Pri Gen Svc	31	1,408,936,864	$ 87,701,614	-0.0619 ¢	$ 86,829,362	$ (872,252)	-0.99%
11	Pri Irrigation Svc	35	5,272,800	$ 224,640	-0.0535 ¢	$ 221,817	$ (2,824)	-1.26%
12	Pri Interruptible Svc	43	170,898,929	$ 11,531,370	-0.0634 ¢	$ 11,423,077	$ (108,293)	-0.94%
13								
14	Primary Service Total		1,585,108,593	$ 99,457,624	-0.0620 ¢	$ 98,474,255	$ (983,369)	-0.99%
15								
16	Medium Secondary Voltage	40	9,526,040	$ 593,808	-0.0650 ¢	$ 587,612	$ (6,196)	-1.04%
17	Large Secondary Voltage	40	115,232,240	$ 6,852,150	-0.0628 ¢	$ 6,779,797	$ (72,353)	-1.06%
18	Primary Voltage	40	311,760,900	$ 17,830,056	-0.0619 ¢	$ 17,637,049	$ (193,007)	-1.08%
19								
20	Schedule 40 Total		436,519,180	$ 25,276,014	-0.0622 ¢	$ 25,004,459	$ (271,555)	-1.07%
21								
16	HV Interruptible Svc	46	53,868,000	$ 2,525,531	-0.0530 ¢	$ 2,496,959	$ (28,571)	-1.13%
17	HV Gen Svc	49	428,133,312	$ 21,218,653	-0.0616 ¢	$ 20,954,878	$ (263,775)	-1.24%
18								
19	High Voltage Service Total		482,001,312	$ 23,744,183	-0.0607 ¢	23,451,837	$ (292,346)	-1.23%
20								
21	Lights		85,072,943	$ 13,483,388	-0.0610 ¢	$ 13,431,468	$ (51,920)	-0.39%
22								
23	Small Firm Resale	005	7,343,249	$ 459,824	-0.0685 ¢	$ 454,792	$ (5,033)	-1.09%
24								
25	Subtotal		20,013,323,121	$ 1,521,783,525	-0.0657 ¢	$ 1,508,644,139	$ (13,139,386)	-0.86%
26								
27	Excluded Schedules							
28	Transportation Special Contract	005	143,532,718	$ 1,695,341		$ 1,695,341	$ -	0.00%
29	Transportation	449 / 459	1,993,176,481	$ 6,219,353		$ 6,219,353	$ -	0.00%
30								
31								
32	Total		22,150,032,320	$ 1,529,698,219		$ 1,516,558,832	$ (13,139,386)	-0.86%

Puget Sound Energy
Summary Statement of Proforma and Proposed Revenue

Line No.	CUSTOMER CLASS	SCHEDULE	a kWh 04/04 to 03/05	b Pro forma Revenue @ Rates Effective 3-4-05	c Proposed Schedule 95 Revenue (PCA)	d Proposed Schedule 95-A Revenue (PTC)	e = b +c + d Proposed Revenue (Incl. Sch 95 & 95-A)	f = e - b Increase / Decrease $	g = f / b Increase / Decrease %
1	Residential	7	10,129,282,893	$ 827,377,693	$ 35,768,139	$ (6,839,822)	$ 856,306,010	$ 28,928,317	3.50%
2									
3	Sec Gen Svc - Small	24	2,462,369,464	$ 187,253,951	$ 8,372,752	$ (1,601,094)	$ 194,025,610	$ 6,771,659	3.62%
4	Sec Gen Svc - Medium	25	2,923,910,770	$ 217,795,153	$ 9,944,576	$ (1,901,668)	$ 225,838,060	$ 8,042,907	3.69%
5	Sec Gen Svc - Large	26	1,885,095,295	$ 125,851,868	$ 6,189,664	$ (1,183,629)	$ 130,857,903	$ 5,006,035	3.98%
6	Sec Irrigation Svc	29	16,619,422	$ 1,083,826	$ 46,804	$ (8,950)	$ 1,121,680	$ 37,854	3.49%
7									
8	Secondary Service Total		7,287,994,950	$ 531,984,798	$ 24,553,796	$ (4,695,341)	$ 551,843,254	$ 19,858,455	3.73%
9									
10	Pri Gen Svc	31	1,408,936,864	$ 87,701,614	$ 4,561,353	$ (872,252)	$ 91,390,714	$ 3,689,100	4.21%
11	Pri Irrigation Svc	35	5,272,800	$ 224,640	$ 14,765	$ (2,824)	$ 236,582	$ 11,942	5.32%
12	Pri Interruptible Svc	43	170,898,929	$ 11,531,370	$ 566,305	$ (108,293)	$ 11,989,382	$ 458,013	3.97%
13									
14	Primary Service Total		1,585,108,593	$ 99,457,624	$ 5,142,423	$ (983,369)	$ 103,616,679	$ 4,159,055	4.18%
15									
16	Medium Secondary Voltage	40	9,526,040	$ 593,808	$ 32,399	$ (6,196)	$ 620,011	$ 26,204	4.41%
17	Large Secondary Voltage	40	115,232,240	$ 6,852,150	$ 378,362	$ (72,353)	$ 7,158,159	$ 306,009	4.47%
18	Primary Voltage	40	311,760,900	$ 17,830,056	$ 1,009,308	$ (193,007)	$ 18,646,358	$ 816,302	4.58%
19									
20	Schedule 40 Total		436,519,180	$ 25,276,014	$ 1,420,070	$ (271,555)	$ 26,424,528	$ 1,148,514	4.54%
21									
16	HV Interruptible Svc	46	53,868,000	$ 2,525,531	$ 149,411	$ (28,571)	$ 2,646,371	$ 120,840	4.78%
17	HV Gen Svc	49	428,133,312	$ 21,218,653	$ 1,379,384	$ (263,775)	$ 22,334,261	$ 1,115,609	5.26%
18									
19	High Voltage Service Total		482,001,312	$ 23,744,183	$ 1,528,795	$ (292,346)	24,980,632	$ 1,236,449	5.21%
20									
21	Lights		85,072,943	$ 13,483,388	$ 271,511	$ (51,920)	$ 13,702,979	$ 219,591	1.63%
22									
23	Small Firm Resale	005	7,343,249	$ 459,824	$ 26,317	$ (5,033)	$ 481,109	$ 21,285	4.63%
24									
25	Subtotal		20,013,323,121	$ 1,521,783,525	$ 68,711,052	$ (13,139,386)	$ 1,577,355,191	$ 55,571,666	3.65%
26									
27	Excluded Schedules								
28	Transportation Special Contract	005	143,532,718	$ 1,695,341	$ -	$ -	$ 1,695,341	$ -	0.00%
29	Transportation	449 / 459	1,993,176,481	$ 6,219,353	$ -	$ -	$ 6,219,353	$ -	0.00%
30									
31									
32	Total		22,150,032,320	$ 1,529,698,219	$ 68,711,052	$ (13,139,386)	$ 1,585,269,884	$ 55,571,666	3.63%