

EXHIBIT NO. ___(JAH-23)
DOCKET NO. UG-040640, *et al.* (consolidated)
2004 PSE GENERAL RATE CASE
WITNESS: JAMES A. HEIDELL

BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

v.

PUGET SOUND ENERGY, INC.,

Respondent.

Docket No. UG-040640
Docket No. UE-040641
(*consolidated*)

In the Matter of the Petition of

PUGET SOUND ENERGY, INC.

For an Order Regarding the Accounting
Treatment for Certain Costs of the Company's
Power Cost Only Rate Filing.

Docket No. UE-031471 (*consolidated*)

In the Matter of the Petition of

PUGET SOUND ENERGY, INC.

For an Accounting Order Authorizing
Deferral and Recovery of the Investment
and Costs Related to the White River
Hydroelectric Project.

Docket No. UE-032043 (*consolidated*)

NINTH EXHIBIT TO THE
PREFILED REBUTTAL TESTIMONY OF
JAMES A. HEIDELL (NONCONFIDENTIAL)
ON BEHALF OF PUGET SOUND ENERGY, INC.

NOVEMBER 3, 2004

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Summary

	Voltage Level	Schedule	kWh	Proforma Revenue	Proposed Revenue	\$ Increase	Increase as Allocated by Rate Spread	Rounding Differences	% Increase
Residential									
Residential		7	9,756,700,657	\$ 764,791,848	\$ 837,133,482	\$ 72,341,634	\$ 72,340,397	\$ (1,237)	9.5%
Total Residential			9,756,700,657	\$ 764,791,848	\$ 837,133,482	\$ 72,341,634	\$ 72,340,397	\$ (1,237)	9.5%
Secondary Voltage									
Demand <= 50 kW		24	2,383,338,106	\$ 173,750,827	\$ 182,020,943	\$ 8,270,117	\$ 8,269,071	\$ (1,046)	4.8%
Demand > 50 kW but <= 350 kW		25	2,848,998,293	\$ 203,290,657	\$ 210,721,309	\$ 7,430,652	\$ 7,430,822	\$ 169	3.7%
Demand > 350 kW		26	1,886,822,194	\$ 119,831,706	\$ 122,570,465	\$ 2,738,758	\$ 2,739,292	\$ 534	2.3%
Seasonal Irrigation & Drainage Pumping		29	15,065,067	\$ 914,702	\$ 948,137	\$ 33,435	\$ 33,435	\$ (1)	3.7%
Total Secondary Voltage			7,134,223,660	\$ 497,787,891	\$ 516,260,854	\$ 18,472,963	\$ 18,472,619	\$ (344)	3.7%
Primary Voltage									
General Service		31	1,657,531,591	\$ 96,838,452	\$ 103,915,382	\$ 7,076,931	\$ 7,077,746	\$ 816	7.3%
Seasonal Irrigation & Drainage Pumping		35	4,966,200	\$ 199,990	\$ 214,609	\$ 14,619	\$ 14,617	\$ (2)	7.3%
Interruptible Total Electric Schools		43	189,692,765	\$ 11,991,713	\$ 13,306,729	\$ 1,315,016	\$ 1,314,988	\$ (28)	11.0%
Total Primary Voltage			1,852,190,556	\$ 109,030,154	\$ 117,436,720	\$ 8,406,566	\$ 8,407,351	\$ 785	7.7%
High Voltage									
Interruptible		46	51,109,000	\$ 2,226,036	\$ 2,520,588	\$ 294,552			13.2%
General Service		49	424,545,212	\$ 19,982,500	\$ 22,123,483	\$ 2,140,982			10.7%
Total High Voltage			475,654,212	\$ 22,208,537	\$ 24,644,071	\$ 2,435,534	\$ 2,435,346	\$ (189)	11.0%
Lighting		50-59	82,428,542	\$ 12,888,320	\$ 14,306,176	\$ 1,417,855	\$ 1,413,309	\$ (4,547)	11.0%
Total Retail Sales to Customers			19,301,197,628	\$ 1,406,706,751	\$ 1,509,781,303	\$ 103,074,552	\$ 103,069,022	\$ (5,530)	7.3%
Small Firm Resale									
Special Contract		005	7,678,078	\$ 457,443	\$ 491,393				
Total Firm Resale		001	128,379,640	\$ 1,339,667	\$ 1,439,093				
			136,057,718	\$ 1,797,109	\$ 1,930,486	\$ 133,376	\$ 133,376	\$ -	7.4%
Transportation Sales									
		449	1,687,987,484	\$ 5,384,368	\$ 5,580,056	\$ 195,688			3.6%
		459	357,930,997	\$ 994,647	\$ 1,031,984	\$ 37,338			3.8%
Total Transportation Sales			2,045,918,481	\$ 6,379,015	\$ 6,612,041	\$ 233,026	\$ 233,170	\$ 144	3.7%
Total Sales to Customers			21,483,173,826	\$ 1,414,882,875	\$ 1,518,323,829	\$ 103,440,955	\$ 103,435,568	\$ (5,386)	7.3%

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Residential
Schedule 7

	Bill Determinants		Proforma		Proposed		Differences	
	Temperature Adjustment	Total	Rates Effective 10-1-03 Charge	Revenue	Rates Effective 2005 Charge	Revenue	\$	%
Basic Charge - 1 Phase	10,495,072	10,495,072	\$ 5.50	\$ 57,722,896	\$ 6.50	\$ 68,217,968	\$ 10,495,072	18.2%
Basic Charge - 3 Phase	3,216	3,216	\$ 13.60	\$ 43,744	\$ 16.10	\$ 51,785	\$ 8,041	18.4%
Total Basic Charge	10,498,289	10,498,289		\$ 57,766,640		\$ 68,269,753	\$ 10,503,113	18.2%
First 600 kWh	5,357,297,988	5,357,297,988	\$ 0.062727	\$ 336,047,231	\$ 0.075034	\$ 401,979,497	\$ 65,932,266	19.6%
Next 200 kWh	943,012,109	943,012,109	\$ 0.079144	\$ 74,633,750	\$ 0.075034	\$ 70,757,971	\$ (3,875,780)	-5.2%
All Over 600 kWh	3,369,509,320	3,456,390,560	\$ 0.079144	\$ 273,552,574	\$ 0.085675	\$ 296,126,261	\$ 22,573,687	8.3%
Total kWh	9,669,819,418	9,756,700,657		\$ 684,233,556		\$ 768,863,729	\$ 84,630,173	12.4%
Schedule 95		9,756,700,657	\$ 0.002336	\$ 22,791,653	\$ -	\$ -	\$ (22,791,653)	-100.0%
Total Revenue				\$ 764,791,848		\$ 837,133,482	\$ 72,341,634	9.5%

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Secondary Voltage, Demand 50 kW or less
Schedule 24

	Bill Determinants		Proforma		Proposed		Differences	
	Temperature Adjustment	Total	Rates Effective 10-1-03 Charge	Revenue	Rates Effective 2005 Charge	Revenue	\$	%
Basic Charge - 1 Phase	954,004	954,004	\$ 5.50	\$ 5,247,023	\$6.50	\$ 6,201,027	\$ 954,004	18.2%
Basic Charge - 3 Phase	351,859	351,859	\$ 13.60	\$ 4,785,281	\$16.10	\$ 5,664,929	\$ 879,647	18.4%
Total Basic Charge	1,305,863	1,305,863		\$ 10,032,305		\$ 11,865,956	\$ 1,833,652	18.3%
Winter Energy	1,257,189,864	8,390,946	\$ 0.067545	\$ 85,483,656	\$ 0.072695	\$ 92,001,397	\$ 6,517,741	7.6%
Summer Energy	1,125,586,300	(7,829,005)	\$ 0.064967	\$ 72,617,338	\$ 0.069920	\$ 78,153,590	\$ 5,536,252	7.6%
Total kWh	2,382,776,165	561,942		\$ 158,100,994		\$ 170,154,987	\$ 12,053,993	7.6%
Schedule 95			\$ 0.002357	\$ 5,617,528	-	\$ -	\$ (5,617,528)	-100.0%
Total Revenue Schedule 24				\$ 173,750,827		\$ 182,020,943	\$ 8,270,117	4.8%

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Secondary Voltage, Demand Greater than 50 kW but less than or equal to 350 kW
Schedule 25

	Bill Determinants		Proforma		Proposed		Differences	
	Temperature Adjustment	Total	Rates Effective 10-1-03 Charge	Revenue	Rates Effective 2005 Charge	Revenue	\$	%
Total Basic Charge	87,940	87,940	\$ 24.90	\$ 2,189,703	\$ 33.40	\$ 2,937,192	\$ 747,489	34.1%
Winter - First 20,000 kWh	725,287,983	725,287,983	\$ 0.069616	\$ 50,491,648	\$ 0.074586	\$ 54,096,329	\$ 3,604,681	7.1%
Summer- First 20,000 kWh	718,403,628	718,403,628	\$ 0.062652	\$ 45,009,424	\$ 0.067368	\$ 48,397,416	\$ 3,387,992	7.5%
All Over 20,000 kWh	1,408,084,336	(2,777,653) 1,405,306,683	\$ 0.052260	\$ 73,441,327	\$ 0.054592	\$ 76,718,502	\$ 3,277,175	4.5%
Total kWh Energy	2,851,775,946	(2,777,653) 2,848,998,293		\$ 168,942,400		\$ 179,212,247	\$ 10,269,848	6.1%
Winter - All Over 50 kW	2,125,411	2,125,411	\$ 6.66	\$ 14,155,237	\$ 7.49	\$ 15,919,328	\$ 1,764,091	12.5%
Summer- All Over 50 kW	2,162,083	2,162,083	\$ 4.44	\$ 9,599,647	\$ 4.99	\$ 10,788,793	\$ 1,189,145	12.4%
Total kW Demand	4,287,494	4,287,494		\$ 23,754,884		\$ 26,708,120	\$ 2,953,237	12.4%
Total kVarh Reactive Power	745,499,708	745,499,708	\$ 0.00233	\$ 1,737,014	\$ 0.00250	\$ 1,863,749	\$ 126,735	7.3%
Schedule 95		2,848,998,293	\$ 0.002340	\$ 6,666,656	\$ -	\$ -	\$ (6,666,656)	-100.0%
Total Revenue				\$ 203,290,657		\$ 210,721,309	\$ 7,430,652	3.7%

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Secondary Voltage, Demand Greater than 350 kW
Schedule 26

	Bill Determinants		Proforma		Proposed		Differences		
	Temperature Adjustment	Total	Rates Effective 10-1-03 Charge	Revenue	Rates Effective 2005 Charge	Revenue	\$	%	
Total Basic Charge	8,699	8,699	\$ 29.10	\$ 253,134	\$ 79.00	\$ 687,203	\$ 434,069	171.5%	
Total kWh Energy	1,890,378,962	(3,556,768)	1,886,822,194	\$ 0.047320	\$ 89,284,426	\$ 0.050095	\$ 94,520,358	\$ 5,235,932	5.9%
Winter - All kW	2,134,140		2,134,140	\$ 6.92	\$ 14,768,248	\$ 7.24	\$ 15,451,172	\$ 682,925	4.6%
Summer- All kW	2,253,129		2,253,129	\$ 4.60	\$ 10,364,394	\$ 4.81	\$ 10,837,551	\$ 473,157	4.6%
Total kW Demand	4,387,269		4,387,269		\$ 25,132,641		\$ 26,288,723	\$ 1,156,082	4.6%
Total kVarh Reactive Power	934,070,048		934,070,048	\$ 0.00110	\$ 1,027,477	\$ 0.00115	\$ 1,074,181	\$ 46,704	4.5%
Schedule 95		1,886,822,194	\$ 0.002191	\$ 4,134,027	\$ -	\$ -	\$ (4,134,027)	-100.0%	
Total Revenue				\$ 119,831,706			\$ 122,570,465	\$ 2,738,758	2.3%

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Secondary Voltage, Seasonal Irrigation & Drainage Pumping Service
Schedule 29

	Bill Determinants		Proforma Rates Effective 10-1-03		Proposed Rates Effective 2005		Differences	
	Temperature Adjustment	Total	Charge	Revenue	Charge	Revenue	\$	%
Basic Charge - 1 Phase	2,192	2,192	\$ 5.50	\$ 12,056	\$6.50	\$ 14,248	\$ 2,192	18.2%
Basic Charge - 3 Phase	5,088	5,088	\$ 18.10	\$ 92,085	\$21.40	\$ 108,874	\$ 16,789	18.2%
Total Basic Charge	7,279	7,279		\$104,140		\$123,121	\$ 18,981	18.2%
Winter - First 20,000 kWh	1,692,451	1,692,451	\$ 0.069616	\$ 117,822	\$ 0.074586	\$ 126,233	\$ 8,411	7.1%
Winter - All Over 20,000 kWh	66,057	217,305	\$ 0.054357	\$ 11,812	\$ 0.054592	\$ 11,863	\$ 51	0.4%
Summer- First 20,000 kWh	12,111,557	12,111,557	\$ 0.047359	\$ 573,591	\$ 0.049201	\$ 595,901	\$ 22,309	3.9%
Summer- All Over 20,000 kWh	853,168	1,043,755	\$ 0.041171	\$ 42,972	\$ 0.042676	\$ 44,543	\$ 1,571	3.7%
Total kWh Energy	14,723,233	341,834 15,065,067		\$746,197		\$778,540	\$ 32,343	4.3%
Winter - All Over 50 kW	2,025	2,025	\$ 6.66	\$ 13,487	\$ 7.49	\$ 15,168	\$ 1,681	12.5%
Summer- All Over 50 kW	8,219	8,219	\$ 3.28	\$ 26,957	\$ 3.69	\$ 30,327	\$ 3,370	12.5%
Total kW Demand	10,244	10,244		\$ 40,445		\$ 45,495	\$ 5,051	12.5%
Total kVarh Reactive Power	393,796	393,796	\$ 0.00240	\$ 945	\$ 0.00249	\$ 981	\$ 35	3.8%
Schedule 95		15,065,067	\$ 0.001525	\$ 22,974	\$ -	\$ -	\$ (22,974)	-100.0%
Total Revenue				\$914,702		\$948,137	\$ 33,435	3.7%

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Primary Voltage General Service
Schedule 31

	Bill Determinants		Proforma		Proposed		Differences	
	Temperature Adjustment	Total	Rates Effective 10-1-03 Charge	Revenue	Rates Effective 2005 Charge	Revenue	\$	%
Total Basic Charge	6,078	6,078	\$ 200.00	\$ 1,215,506	\$ 200.00	\$ 1,215,506	\$ -	0.0%
Total kWh Energy	1,661,414,453	(3,882,862) 1,657,531,591	\$ 0.042540	\$ 70,511,394	\$ 0.046892	\$ 77,724,971	\$ 7,213,577	10.2%
Winter - All kW	1,927,229	1,927,229	\$ 6.41	\$ 12,353,538	\$ 7.37	\$ 14,203,678	\$ 1,850,140	15.0%
Summer- All kW	2,019,586	2,019,586	\$ 4.27	\$ 8,623,631	\$ 4.91	\$ 9,916,166	\$ 1,292,535	15.0%
Total kW Demand	3,946,815	3,946,815		\$ 20,977,169		\$ 24,119,843	\$ 3,142,675	15.0%
Total kVarh Reactive Power	919,421,179	919,421,179	\$ 0.00081	\$ 744,731	\$ 0.00093	\$ 855,062	\$ 110,331	14.8%
Schedule 95		1,657,531,591	\$ 0.002045	\$ 3,389,652	\$ -	\$ -	\$ (3,389,652)	-100.0%
Total Revenue				\$ 96,838,452		\$ 103,915,382	\$ 7,076,931	7.3%

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Primary Voltage Seasonal Irrigation & Drainage Pumping Service
Schedule 35

Bill Determinants	Proforma Rates Effective 10-1-03		Proposed Rates Effective 2005		Differences	
	Charge	Revenue	Charge	Revenue	\$	%
Total Basic Charge	12 \$ 200.00	\$ 2,400	\$ 200.00	\$ 2,400	\$ -	0.0%
Total kWh Energy	4,966,200	\$ 164,615	0.037054	\$ 184,018	\$ 19,403	11.8%
Winter - All kW	1,065	\$ 3,33	3.33	\$ 3,546	\$ 4,344	22.5%
Summer- All kW	8,009	\$ 2,22	2.22	\$ 17,780	\$ 21,784	22.5%
Total kW Demand	9,074	\$ 21,326		\$ 26,129	\$ 4,803	22.5%
Total kVarh Reactive Power	2,344,205	\$ 1,946	0.00083	\$ 1,946	\$ 2,063	6.0%
Schedule 95	4,966,200	\$ 9,704	0.00195	\$ 9,704	\$ -	(9,704) -100.0%
Total Revenue		\$ 199,990		\$ 214,609	\$ 14,619	7.3%

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Primary Voltage Interruptible Total Electric School Service
Schedule 43

	Bill Determinants		Proforma		Proposed		Differences		
	Temperature Adjustment	Total	Rates Effective 10-1-03 Charge	Revenue	Rates Effective 2005 Charge	Revenue	\$	%	
Total Basic Charge	2,388	2,388	\$ 200.00	\$ 477,613	\$ 200.00	\$ 477,613	\$ -	0.0%	
Total kWh Energy	175,656,470	14,036,294	189,692,765	\$ 0.040898	\$ 7,758,055	\$ 0.047432	\$ 8,997,507	\$ 1,239,453	16.0%
Total kW Demand	864,945	864,945	\$ 3.63	\$ 3,139,749	\$ 4.18	\$ 3,615,469	\$ 475,720	15.2%	
Total kVarh Reactive Power	82,811,957	82,811,957	\$ 0.00235	\$ 194,608	\$ 0.00261	\$ 216,139	\$ 21,531	11.1%	
Schedule 95		189,692,765	\$ 0.002223	\$ 421,687	\$ -	\$ -	\$ (421,687)	-100.0%	
Total Revenue				\$ 11,991,713		\$ 13,306,729	\$ 1,315,016	11.0%	

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
High Voltage, Interruptible Service
Schedule 46

	Proforma		Proposed		Differences	
	Rates Effective 10-1-03 Charge	Revenue	Rates Effective 2005 Charge	Revenue	\$	%
Total kWh Energy	51,109,000	\$ 1,904,270	\$ 0.043551	\$ 2,225,848	\$ 321,578	16.9%
Total kVa Demand	168,423	\$ 266,108	1.75	\$ 294,740	\$ 28,632	10.8%
Schedule 95	51,109,000	\$ 55,658	-	\$ -	\$ (55,658)	-100.0%
Total Revenue		\$ 2,226,036		\$ 2,520,588	\$ 294,552	13.2%

Annual Energy Minimum Charge 90% 0.0391959
Annual Demand Charge 12 \$ 18.96

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
High Voltage, General Service
Schedule 49

	Proforma		Proposed		Differences	
	Rates Effective 10-1-03 Charge	Revenue	Rates Effective 2005 Charge	Revenue	\$	%
Total kWh Energy	424,545,212	\$ 15,818,130	\$ 0.043551	\$ 18,489,369	\$ 2,671,238	16.9%
Total kVa Demand	1,172,295	\$ 3,270,703	\$ 3.10	\$ 3,634,114	\$ 363,411	11.1%
Schedule 95	424,545,212	\$ 893,668	\$ -	\$ -	\$ (893,668)	-100.0%
Total Revenue		\$ 19,982,500		\$ 22,123,483	\$ 2,140,982	10.7%

Puget Sound Energy
Lighting Revenues
Proforma & Proposed
Twelve Months ended September 30, 2003

Schedule	kWh	Annual			% Change
		Proforma Revenue	Annual Proposed Revenue	Revenue Change	
03E	7,057	\$ 454	\$ 504	\$ 50	11.1%
50E-A	211,602	\$ 21,014	\$ 23,316	\$ 2,302	11.0%
50E-B	301,836	\$ 24,045	\$ 26,682	\$ 2,637	11.0%
52 O&M	-	\$ 334,444	\$ 376,250	\$ 41,806	12.5%
52E	3,807,497	\$ 323,857	\$ 359,244	\$ 35,387	10.9%
53E	45,792,662	\$ 9,150,748	\$ 10,153,541	\$ 1,002,793	11.0%
54E	16,064,011	\$ 935,533	\$ 1,038,090	\$ 102,557	11.0%
55E & 56E (No Res Exch)	4,274,893	\$ 967,433	\$ 1,073,734	\$ 106,301	11.0%
57E	10,032,758	\$ 769,086	\$ 853,489	\$ 84,403	11.0%
58E & 59E (No Res Exch)	1,936,225	\$ 312,831	\$ 347,165	\$ 34,334	11.0%
Old Pole Revenue	-	\$ 30,645	\$ 33,941	\$ 3,296	10.8%
New Pole Revenue	-	\$ 18,231	\$ 20,220	\$ 1,989	10.9%
	82,428,542	\$ 12,888,320	\$ 14,306,176	\$ 1,417,855	11.0%

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Small Firm Resale

	Bill Determinants		Proforma Rates Effective 10-1-03		Proposed Rates Effective 2005		Differences	
	Temperature Adjustment	Total	Charge	Revenue	Charge	Revenue	\$	%
Total kWh Energy	7,644,104	33,974	7,678,078	\$ 0.035140	\$ 269,808	\$ 0.035140	\$ 269,808	
Total kW Demand	15,387		15,387	\$ 5.25	\$ 80,782	\$ 5.25	\$ 80,782	
Total kVarh Reactive Power	2,156,640		2,156,640	\$ 0.00025	\$ 539	\$ 0.00025	\$ 539	
Allocation of Docket No. UE-011570 Revenue Increase					\$ 106,314		\$ 106,314	
Allocation of Docket No. UE-04xxxx Revenue Increase					\$ 33,950		\$ 33,950	
Total Revenue					\$ 457,443		\$ 491,393	7.4%

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Transportation
Schedule 449

	Proforma Rates Effective 10-1-03		Proposed Rates Effective 2005		Differences	
	Charge	Revenue	Charge	Revenue	\$	%
Primary Voltage:						
kWh		115,803,576				
Customer Charge	24 \$ 709.00	\$ 17,016	\$709.00	\$ 17,016	\$ -	0.0%
Distribution Charge	\$ 4.00	\$ 864,224	\$ 4.11	\$ 887,990	\$ 23,766	2.8%
Total Primary Voltage Revenue		<u>\$ 881,240</u>		<u>\$ 905,006</u>	<u>\$ 23,766</u>	<u>2.7%</u>
High Voltage:						
kWh		1,572,183,908				
Customer Charge	168 \$ 709.00	\$ 119,112	\$709.00	\$ 119,112	\$ -	0.0%
Distribution Charge	\$ 1.53	\$ 4,384,016	\$ 1.59	\$ 4,555,938	\$ 171,922	3.9%
Total High Voltage Revenue		<u>\$ 4,503,128</u>		<u>\$ 4,675,050</u>	<u>\$ 171,922</u>	<u>3.8%</u>
Total Schedule 449		<u>\$ 5,384,368</u>		<u>\$ 5,580,056</u>	<u>\$ 195,688</u>	<u>3.6%</u>

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Transportation with Back-up Distribution
Schedule 459

	Proforma		Proposed		Differences	
	Charge	Revenue	Charge	Revenue	\$	%
High Voltage:						
kWh		357,930,997				
Customer Charge	\$ 60	\$ 42,540	\$ 709.00	\$ 42,540	\$ -	0.0%
Back-up Distribution Service	\$ 622,292	\$ 952,107	\$ 1.53	\$ 989,444	\$ 37,338	3.9%
Total High Voltage Revenue		<u>\$ 994,647</u>		<u>\$ 1,031,984</u>	<u>\$ 37,338</u>	<u>3.8%</u>
Total Schedule 449		<u>\$ 994,647</u>		<u>\$ 1,031,984</u>	<u>\$ 37,338</u>	<u>3.8%</u>

Puget Sound Energy
Proforma and Proposed Revenue
Twelve Months ended September 30, 2003
Transportation Special Contract

	Proforma		Proposed		Differences	
	Rates Effective 10-1-03 Charge	Revenue	Rates Effective 2005 Charge	Revenue	\$	%
Total						
Total kWh Energy		\$ 909,678		\$ 909,678		
Allocation of Docket No. UE-011570 Revenue Increase		\$ 429,988		\$ 429,988		
Allocation of Docket No. UE-04xxxx Revenue Increase				\$ 99,426		
Total Revenue		\$ 1,339,667		\$ 1,439,093	\$ 99,426	7.4%

Puget Sound Energy
Rate Design Workpapers
Residential Schedule 7 Rate

Line No.		Total	Temperature Adjustment	
1	Basic Charges:			
2	1 Phase	10,495,072		
3	3 Phase	3,216		
4		10,498,289		
5				
6	kWh:			
7	First 600	5,357,297,988	-	5,357,297,988
8	All Over 600	4,399,402,669	86,881,239	4,312,521,430
9		9,756,700,657	86,881,239	9,669,819,418
10				
11	Current Base Rates Effective 10-1-03			
12	Basic Charge:			
13	1 Phase	\$ 5.50		
14	3 Phase	\$ 13.60		
15				
16	Energy Charge:			
17	First 600	\$ 0.062727		
18	All Over 600	\$ 0.079144		
19	Schedule 95	\$ 0.002336	<= Differential	25%
20	Basic Charge Revenue:			
21	1 Phase	\$ 57,722,896		
22	3 Phase	\$ 43,744		
23	Subtotal Basic Charge \$	\$ 57,766,640		
24	Energy Charge Revenue:			
25	First 600	\$ 336,047,231		
26	All Over 600	\$ 348,186,325		
27	Schedule 95	\$ 22,791,653		
28	Total Proforma Revenue	\$ 764,791,848		
29				
30	Proposed Rates Effective 2005			
31				
32	kWh:			
33	600 - 800	943,012,109	-	943,012,109
34	All Over 800	3,456,390,560	86,881,239	3,369,509,320
35		4,399,402,669	86,881,239	4,312,521,430
36				
37				
38				
39	Basic Charge:			
40	1 Phase	\$ 6.50		
41	3 Phase	\$ 16.10		
42				
43	Target Proposed \$ Increase	\$ 72,340,397		
44	Target Proposed Revenue	\$ 837,132,245		
45	Target Proposed % Increase (Pre-Interim)	9.46%		
46				
47	Basic Charge Revenue:			
48	1 Phase	\$ 68,217,968		
49	3 Phase	\$ 51,785		
50	Subtotal Basic Charge \$	\$ 68,269,753		
51				
52	Remaining Revenue Requirement To Spread	\$ 768,862,492		
53				
54	Energy Charge:			
55	First 800 (Flat)	\$ 0.075034		
56	All Over 800 (Flat)	\$ 0.085675		
57				
58	Energy Charge Revenue:			
59	First 800	\$ 472,737,468	\$ 472,737,468	
60	All Over 800	\$ 296,126,261		
61				
62	Total Proposed Revenue	\$ 837,133,482		
63	Difference due to rounding	\$ (1,237)		

From COS Basic Charge Worksheet
= ratio of \$13.60 / \$5.50 * \$x.xx

= From COS Ratespread Document

Spread remaining revenue to first block
14.18% <= Resulting Differential

Puget Sound Energy
Rate Design Workpapers
Secondary Voltage
Schedule 24

Line No.	Total	Total Winter	Total Summer
1	Basic Charges:		
2			
3	954,004		
4	351,859		
5	<u>1,305,863</u>		
6	kWh:		
7			
8	2,382,776,165	1,257,189,864	1,125,586,300
9	Temperature Adjustment	561,942	8,390,946 (7,829,005)
10	<u>2,383,338,106</u>	<u>1,265,580,810</u>	<u>1,117,757,296</u>
11	Current Base Rates Effective 10-1-03		
12	Basic Charge:		
13	\$ 5.50		
14	\$ 13.60		
15	Energy Charge:		
16		\$ 0.067545	\$ 0.064967
17	\$ 0.002357		
18	Basic Charge Revenue:		
19	\$ 5,247,023		
20	\$ 4,785,281		
21	<u>\$ 10,032,305</u>		
22	Energy Charge Revenue:		
23	\$ 158,100,994	\$ 85,483,656	\$ 72,617,338
24	\$ 5,617,528		
25	\$ 173,750,827		
26			
27	Proposed Rates Effective 2005		
28			
29	Basic Charge:		
30	\$6.50		Same as Residential Basic Charge
31	\$16.10		Same as Residential Basic Charge
32			
33	\$ 8,269,071		= From COS Ratespread Document
34	\$ 182,019,897		
35	4.76%		
36			
37	Basic Charge Revenue:		
38	\$ 6,201,027		
39	\$ 5,664,929		
40	<u>\$ 11,865,956</u>		
41			
42	\$ 170,153,941		
43			
44	Energy Charge:		
45	\$ 0.072695		Retain Current Seasonal Percentage Differential
46	\$ 0.069920		104%
47			
48	Energy Charge Revenue:		
49			
50	\$ 170,154,987		
51			
52	\$ 182,020,943		
53	\$ 1,046		
54			

Puget Sound Energy
Rate Design Workpapers
Secondary Voltage
Schedule 25

Line No.		Total	Winter	Summer
1	Basic Charges:	<u>87,940</u>		
2	kWh:			
3	First 20,000 kWh	1,443,691,610	725,287,983	718,403,628
4	All over 20,000 kWh	1,408,084,336		
5	All over 20,000 kWh - Temperature Adjustment	<u>(2,777,653)</u>		
6		<u>2,848,998,293</u>		
7	kW:			
8	First 50 kW	4,082,201	2,023,408	2,058,794
9	All over 50 kW	<u>4,287,494</u>	2,125,411	2,162,083
10		<u>8,369,695</u>		
11	kVarh			
12	All kVarh	<u>745,499,708</u>		
13		<u>745,499,708</u>		

Current Base Rates Effective 10-1-03

Rates:				
17	Basic Charge:			
18	All Phases	\$ 24.90		
19	Energy Charge:			
20	First 20,000 kWh		\$ 0.069616	\$ 0.062652
21	All over 20,000 kWh	\$ 0.052260		
	Schedule 95	\$ 0.002340		
22	Demand Charge:			
23	First 50 kW		\$ -	\$ -
24	All over 50 kW		\$ 6.66	\$ 4.44
25	Reactive Power Charge:	\$ 0.00233		
26				
27	Revenue:			
28	Basic Charge Revenue:	\$ 2,189,703		
29	Energy Charge Revenue:			
30	First 20,000 kWh	\$ 95,501,072	\$ 50,491,648	\$ 45,009,424
31	All over 20,000 kWh	\$ 73,441,327		
32	Energy Revenue	\$ 168,942,400		
	Schedule 95	\$ 6,666,656		
33	Demand Charge Revenue - Over 50 kW	\$ 23,754,884	\$ 14,155,237	\$ 9,599,647
34	Reactive Power Revenue	\$ 1,737,014		
35	Total Proforma Revenue	<u>\$ 203,290,657</u>		

Proposed Rates Effective 2005

39	Total Proposed Increase Sch 25 & Sch 29	\$ 7,464,256		
40	Total Proforma Revenue Sch 25 & 29	\$ 204,205,358		
41				
42	Target Proposed \$ Increase	\$ 7,430,822		
43	Target Proposed Revenue 25	\$ 210,721,478		
44	Target Proposed % Increase	3.66%	7.31%	

= From COS Ratespread Document

Twice Average Increase

46	Basic Charge:			
47	All Basic Charges	\$ 33.40		

From COS Basic Charge Worksheet

48				
49	Basic Charge Revenue:			
50	Subtotal Basic Charge \$	<u>\$ 2,937,192</u>		

Target Demand Revenue to Spread		Winter	Summer
52	Up to 50 kW	\$ -	\$ -
53	All over 50 kW		
54		7.49	4.99

Solve for Demand Charge

56	Demand Revenue:			
57	All over 50 kW	<u>\$ 26,708,120</u>		

59	Target Reactive Power Revenue to Spread	\$ 1,863,999		
60	All kVarh	\$ 0.00250		

Apply Twice average increase

61				
62	Reactive Power Revenue:	<u>\$ 1,863,749</u>		

63				
64	Remaining Revenue Requirement To Spread	\$ 179,212,417		
65	First 20,000 kWh	\$ 102,493,745		
66	Remaining Energy Revenue to Spread	\$ 76,718,672		
67	% Increase			
68	Increase to Other Blocks			

Energy Charge:		Winter	Summer
71	First 20,000 kWh	\$ 0.074586	\$ 0.067368
72	All Over 20,000 kWh	\$ 0.054592	\$ 0.054592

Increase First Block by Average Increase
No Increase except minor adjustment to hit revenue target

74	Energy Charge Revenue:			
75	First 20,000 kWh	\$ 102,493,745		
76	Over 20,000 kWh	<u>\$ 76,718,502</u>		
77	All kWh	<u>\$ 179,212,247</u>		
78				
79	Total Proposed Revenue	\$ 210,721,309		
80	Difference due to rounding	\$ (169)		

Puget Sound Energy
Rate Design Workpapers
Secondary Voltage
Schedule 29

Line No.	Total	Total Winter	Total Summer
1	Basic Charges:		
2	2,192		
3	5,088		
4	<u>7,279</u>		
5	kWh:		
6	13,804,007	1,692,451	12,111,557
7	919,226	66,057	853,168
8	341,834	151,247	190,587
9	<u>15,065,067</u>	<u>1,909,755</u>	<u>13,155,312</u>
10	kW:		
11	17,057	3,396	13,661
12	10,244	2,025	8,219
13	<u>27,301</u>	<u>5,421</u>	<u>21,880</u>
14			
15	<u>393,796</u>		
16			
17	Current Base Rates Effective 10-1-03		
18	Rates:		
19	Basic Charge:		
20	\$ 5.50		
21	\$ 18.10		
22	Energy Charge:		
23		\$ 0.069616	\$ 0.047359
24		\$ 0.054357	\$ 0.041171
	\$ 0.001525		
25	Demand Charge:		
26		\$ -	\$ -
27		\$ 6.66	\$ 3.28
28	\$ 0.00240		
29			
30	Proforma Revenue:		
31	Basic Charge Revenue:		
32	\$ 12,056		
33	\$ 92,085		
34	<u>\$ 104,140</u>		
35	Energy Charge Revenue:		
36	\$ 691,413	\$ 117,822	\$ 573,591
37	\$ 54,784	\$ 11,812	\$ 42,972
38	<u>\$ 746,197</u>		
	\$ 22,974		
39	\$ 40,445	\$ 13,487	\$ 26,957
40	\$ 945		
41	<u>\$ 914,702</u>		
42			
43	Proposed Rates Effective 2005		
44			
45	Basic Charge:		
46	\$6.50		
47	\$21.40		
48			
49	3.66%		
50	\$ 948,136		
51	\$ 33,435		
52	Basic Charge Revenue:		
53	\$ 14,248		
54	\$ 108,874		
55	<u>\$ 123,121</u>		
56			
57	\$ 74,597	Winter	Summer
58	\$ 4.44	7.49	3.69
59			
60	Demand Revenue:		
61	\$ 45,495		
62			
63	\$ 980		
64	\$ 0.00249		
65			
66	Reactive Power Revenue:		
67	\$ 981		
68			
69	\$ 778,540		
70			
71	66.20%	72.61%	59.79%
72	\$ 0.007636		
73			
74	Energy Charge:		
75	\$ 0.074586	Winter	Summer
76	\$ 0.054592	\$ 0.049201	\$ 0.042676
77			
78	Energy Charge Revenue:		
79	<u>\$ 778,540</u>		
80			

Puget Sound Energy
Rate Design Workpapers
Secondary Voltage
Schedule 29

Line No.		Total	Total Winter	Total Summer
81	Total Proposed Revenue	<u>\$ 948,137</u>		
82	Difference due to rounding	\$ (1)		

Single Phase set = Sched 24
= \$18.10 / \$5.50 * \$x.xx

From Demand Revenue Allocation Spreadsheet
Winter Demand = Schedule 25

From Demand Revenue Allocation Spreadsheet

Winter Blocks same as Sch 25
Summer 2nd Block equal average percentage incre
Spread remainder to summer last block

Puget Sound Energy
Rate Design Workpapers
Secondary Voltage
Schedule 26

Line No.		Total	Total Winter	Total Summer	
1	Basic Charges	<u>6,699</u>			
2					
3	kWh	1,890,378.962			
4	Temperature Adjustment	(3,556,768)			
5	Total kWh	<u>1,886,822,194</u>			
6					
7	kW:	<u>4,387,269</u>	<u>2,134,140</u>	<u>2,253,129</u>	
8					
9	kVarh	<u>934,070,048</u>			
10					
11	Current Base Rates Effective 7-1-05				
12	Rates:				
13	Basic Charge:	\$ 29.10			
14	Energy Charge:	\$ 0.047320			
	Schedule 95	\$ 0.002191			
15	Demand Charge:	\$	6.92	\$ 4.60	Differential Difference
16	Reactive Power Charge:	\$ 0.00110			Differential %
17					
18	Revenue:				
19	Basic Charge	\$ 253,134			
20	Energy Charge	\$ 89,284,426			
	Schedule 95	\$ 4,134,027			
21	Demand Charge	\$ 25,132,641	\$ 14,768,248	\$ 10,364,394	
22	Reactive Power	\$ 1,027,477			
23	Total Proforma Revenue	<u>\$ 119,831,706</u>			
24					
25	Proposed Rates Effective 2005				
26					
27	Target Proposed Revenue	\$ 122,570,998			= From COS Ratespread Document
28	Target Proposed \$ Increase	\$ 2,739,292			
29	Target Proposed % Increase	2.29%	4.57%		Twice the average increase
30					
31	Basic Charge:				
32	All Basic Charges	\$ 79.00			From COS Basic Charge Worksheet
33					
34	Basic Charge Revenue:				
35	Subtotal Basic Charge \$	<u>\$ 687,203</u>			
36					
37	Target Demand Revenue to Spread	\$ 26,281,680	Winter	Summer	Increase Demand by Twice average Increase
38	All Demand	\$ 5.99	7.24	4.81	
39					
40	Demand Revenue:				
41	All kW	<u>\$ 26,288,723</u>			
42					
43	Target Reactive Power Revenue to Spread	\$ 1,074,452			Increase Demand by Twice average Increase
44	All kVarh	\$ 0.00115			
45					
46	Reactive Power Revenue:				
47	All kVarh	<u>\$ 1,074,181</u>			
48					
49	Remaining Revenue Requirement To Spread	\$ 94,520,891			
50					
51	Energy Charge:				
52	All kWh	\$ 0.050095	\$ 0.000584	1.18%	Average Cents
53					
54	Energy Charge Revenue:				
55	All kWh	<u>\$ 94,520,358</u>			
56					
57	Total Proposed Revenue	\$ 122,570,465			
58	Difference due to rounding	\$ (534)			

Puget Sound Energy
Rate Design Workpapers
Primary Voltage
Schedule 31

Line No.		Total	Total Winter	Total Summer
1	Basic Charges:	6,078		
2				
3	kWh	1,661,414,453		
4	Temperature Adjustment	(3,882,862)		
5	Total kWh	1,657,531,591		
6				
7	kW:	3,946,815	1,927,229	2,019,586
8				
9	kVarh	919,421,179		
10				
11	Current Base Rates Effective 7-1-05			
12	Rates:			
13	Basic Charge	\$ 200.00		
14	Energy Charge	\$ 0.042540		
	Schedule 95	\$ 0.002045		
15	Demand Charge		\$ 6.41	\$ 4.27
16	Reactive Power Charge	\$ 0.00081		
17				
18	Revenue:			
19	Basic Charge	\$ 1,215,506		
20	Energy Charge	\$ 70,511,394		
21	Schedule 95	\$ 3,389,652		
22	Demand Charge	\$ 20,977,169	\$ 12,353,538	\$ 8,623,631
23	Reactive Power	\$ 744,731		
24	Total Proforma	\$ 96,838,452		
25				
26	Proposed Rates Effective 2005			
27				
28	Proposed Revenue Increase 31, 35	\$ 7,092,363		
29	Proforma Revenue 31, 35	\$ 97,038,442		
30	% Increase	7.31%		
31				
32	Target Proposed \$ Increase	\$ 7,077,746		
33	Target Proposed Revenue 31	\$ 103,916,198		
34	Target Proposed % Increase	7.31%		
35				
36	Basic Charge:			
37	All Basic Charges	\$ 200.00		
38				
39	Basic Charge Revenue:			
40	Subtotal Basic Charge \$	\$ 1,215,506		
41				
42	Target Demand Revenue to Spread	\$ 24,110,481		
43	kW	\$ 6.11	7.37	4.91
44				
45	Demand Revenue:			
46	All kW	\$ 24,119,843		
47				
48	Target Reactive Power Revenue to Spread	\$ 853,619		
49	All kVarh	\$ 0.00093		
50				
51	Reactive Power Revenue:			
52	All kVarh	\$ 855,062		
53				
54	Remaining Revenue Requirement To Spread	\$ 77,725,787		
55				
56	Energy Charge:			
57	All kWh	\$ 0.046892		
58				
59	Energy Charge Revenue:			
60	All kWh	\$ 77,724,971		
61				
62	Total Proposed Revenue	\$ 103,915,382		
63	Difference due to rounding	\$ (816)		

= From COS Ratespread Document

Leave unchanged (transformers already included in

From Demand Revenue Allocation Spreadsheet

From Demand Revenue Allocation Spreadsheet

Average Cents

Puget Sound Energy
Rate Design Workpapers
Primary Voltage
Schedule 35

Line No.		Total	Total Winter 35	Total Summer 35
1	Basic Charges:	12		
2				
3	kWh:	4,966,200		
4				
5	kW:	9,074	1,065	8,009
6				
7	kVarh	2,344,205		
8				
9	Current Base Rates Effective 10-1-03			
10	Rates:			
11	Basic Charge	\$ 200.00		
12	Energy Charge	\$ 0.033147		
	Schedule 95	\$ 0.001954		
13	Demand Charge	\$ 3.33	\$ 2.22	
14	Reactive Power Charge	\$ 0.00083		
15				
16	Revenue:			
17	Basic Charge	\$ 2,400		
18	Energy Charge	\$ 164,615		
	Schedule 95	\$ 9,704		
19	Demand Charge	\$ 21,326	\$ 3,546	\$ 17,780
20	Reactive Power	\$ 1,946		
21	Total Proforma	\$ 199,990		
22				
23	Proposed Rates Effective 2005			
24				
25	Target Proposed % Increase	7.31%		
26	Target Proposed \$ Increase	\$ 14,617		
27	Target Proposed Revenue 35	\$ 214,607		
28				
29	Basic Charge:			
30	All Basic Charges	\$ 200.00		Same as Sch 31
31				
32	Basic Charge Revenue:			
33	Subtotal Basic Charge \$	\$ 2,400		
34				
35	Target Demand Revenue to Spread \$ 24,673			
36				From Demand Revenue Allocation Spreadsheet
37	All kW - Average Annual	\$ 2.72		
38	Winter Demand Charge	\$ 4.08		150% of Average Demand
39	Summer Demand Charge	\$ 2.72		
40				
41	Demand Revenue:			
42	All kW	\$ 26,129		
43				
44	Target Reactive Power Revenue to Spread \$ 2,072			
45	All kVarh	\$ 0.00088		From Demand Revenue Allocation Spreadsheet
46				
47	Reactive Power Revenue:			
48	All kVarh	\$ 2,063		
49				
50	Remaining Revenue Requirement To Spread	\$ 184,015		
51				
52	Energy Charge:			
53	All kWh	\$ 0.037054		Average Cents
54				
55	Energy Charge Revenue:			
56	All kWh	\$ 184,018		
57				
58	Total Proposed Revenue	\$ 214,609		
59	Difference due to rounding	\$ 2		

Puget Sound Energy
Rate Design Workpapers
Primary Voltage
Schedule 43

Line No.	Total	
1	<u>2,388</u>	Basic Charges:
2		
3	175,656,470	kWh
4	<u>14,036,294</u>	Temperature Adjustment
5	<u>189,692,765</u>	kWh:
6		
7	<u>864,945</u>	kW:
8		
9	<u>82,811,957</u>	kVarh
10		
11	Current Base Rates Effective 10-1-03	
12		Rates:
13	\$ 200.00	Basic Charge
14	\$ 0.040898	Energy Charge
	\$ 0.002223	Schedule 95
15	\$ 3.63	Demand Charge
16	\$ 0.00235	Reactive Power Charge
17		
18		Revenue:
19	\$ 477,613	Basic Charge
20	\$ 7,758,055	Energy Charge
	\$ 421,687	Schedule 95
21	\$ 3,139,749	Demand Charge
22	\$ 194,608	Reactive Power
23	<u>\$ 11,991,713</u>	Total Proforma
24		
25	Proposed Rates Effective 2005	
26		
27	10.97%	Target Proposed % Increase
28	\$ 1,314,988	Target Proposed \$ Increase
27	\$ 13,306,701	Target Proposed Revenue 43
28		
29	Basic Charge:	
30	\$ 200.00	All Basic Charges
31		Same as Sch 31
32		Basic Charge Revenue:
33	<u>\$ 477,613</u>	Subtotal Basic Charge \$
34		
35	\$ 3,616,094	Target Demand Revenue to Spread
36	\$ 4.18	All kW
37		From Demand Revenue Allocation Spreadsheet
38		Demand Revenue:
39	<u>\$ 3,615,469</u>	All kW
40		
41	\$ 215,948	Target Reactive Power Revenue to Spread
42	\$ 0.00261	All kVarh
43		From Demand Revenue Allocation Spreadsheet
44		Reactive Power Revenue:
45	<u>\$ 216,139</u>	All kVarh
46		
47	\$ 8,997,479	Remaining Revenue Requirement To Spread
48		
49	Energy Charge:	
50	\$ 0.047432	All kWh
51		Average Cents
52		Energy Charge Revenue:
53	<u>\$ 8,997,507</u>	All kWh
54		
55	\$ 13,306,729	Total Proposed Revenue
56	\$ 28	Difference due to rounding

Puget Sound Energy
Rate Design Workpapers
High Voltage
Schedule 46

Line No.		Total	
1	kWh:	51,109,000	
2			
3	kVa:	168,423	
4			
5	Current Base Rates Effective 10-1-03		
6	Rates:		
7	Energy Charge	\$ 0.037259	
	Schedule 95	\$ 0.001089	
8	Demand Charge	\$ 1.58	
9			
10	Revenue:		
11	Energy Charge	\$ 1,904,270	
	Schedule 95	\$ 55,658	
12	Demand Charge	\$ 266,108	
13	Total Proforma	\$ 2,226,036	
14			
15	Proposed Rates Effective 2005		
16			
18	Target Proposed \$ Increase Sch 46 & 49	\$ 2,435,346	= From COS Ratespread Document
17	Target Proposed Revenue 46 & 49	\$ 24,643,882	
19	Target Proposed % Increase Sch 46 & 49	10.97%	
20			
21	Target Demand Revenue to Spread	\$ 295,289	Average Increase
22	kVa	\$ 1.75	
23			
24			
25	Demand Revenue:		
26	All kVa	\$ 294,740	
27			
28			
29	Energy Charge Schedules 46 & 49:		
30	All kWh	\$ 0.043551	From Schedule 49
31			
32	Energy Charge Revenue:		
33	All kWh	\$ 2,225,848	
34			
35	Total Proposed Revenue Schedule 46	\$ 2,520,588	

Puget Sound Energy
Rate Design Workpapers
High Voltage
Schedule 49

Line No.		Total	
1	kWh:	<u>424,545,212</u>	
2			
3	kVa:	<u>1,172,295</u>	
4			
5	Current Base Rates Effective 10-1-03		
6	Rates:		
7	Energy Charge	\$ 0.037259	
	Schedule 95	\$ 0.002105	
8	Demand Charge	\$ 2.79	
9			
10	Revenue:		
11	Energy Charge	\$ 15,818,130	
	Schedule 95	\$ 893,668	
12	Demand Charge	\$ 3,270,703	
13	Total Proforma	<u>\$ 19,982,500</u>	
14			
15	Proposed Rates Effective 2005		
16			
17	Target Proposed Revenue 46 & 49	\$ 24,643,882	= From COS Ratespread Document
18	Target Proposed \$ Increase Sch 46 & 49	\$ 2,435,346	
19	Target Proposed % Increase Sch 46 & 49	10.97%	
20			
21	Target Demand Revenue to Spread		Average Increase
22	kVa	\$ 3,629,362	
23			
24	Demand Revenue:		
25	All kVa	<u>\$ 3,634,114</u>	
26			
27	Schedule 46 Demand Revenue	\$ 294,740	
28	Remaining Revenue Requirement To Spread	\$ 20,715,028	
29	Total Sch 46 & 49 kWh	475,654,212	
30			
31			
32	Energy Charge Schedules 46 & 49:		
33	All kWh	\$ 0.043551	Average Cents
34			
35	Energy Charge Revenue:		
36	All kWh	<u>\$ 18,489,369</u>	
37			
38	Total Proposed Revenue Sch 49	\$ 22,123,483	
39	Total Proposed Revenue Sch 46	\$ 2,520,588	
40			
41	Difference due to rounding	\$ 189	

Puget Sound Energy
Rate Design Workpapers
High Voltage
Schedule 449 & 459- Primary & High Voltage

Line No.	all Voltage	Primary Voltage Sch 449	High Voltage Sch 449	High Voltage Sch 459	
1	Basic Charges	24	168	60	
2	Registered kVa	216,056	2,865,370	622,292	
3					
4	Current Base Rates Effective 10-1-03				
5	Customer Charge	\$ 709.00	\$ 709.00	\$ 709.00	
6	Demand Charge:	\$ 4.00	\$ 1.53	\$ 1.53	
7					
8	Customer Revenue	\$ 17,016	\$ 119,112	\$ 42,540	
9	Demand (Distribution) Revenue	\$ 864,224	\$ 4,384,016	\$ 952,107	
10					
11	Total Proforma Revenue	<u>\$ 6,379,015</u>	<u>\$ 881,240</u>	<u>\$ 4,503,128</u>	<u>\$ 994,647</u>
12					
13	Proposed Rates Effective 2005				
14					
16	Target Proposed \$ Increase	\$ 233,170			= From COS Ratespread Document
15	Target Proposed Revenue 449 (PV & HV)	\$ 6,612,185			
17	Target Proposed % Increase	3.66%			
18					
19	Customer Charge	\$709.00	\$709.00	\$709.00	From COS Basic Charge Template
20					
21	Customer Charge	<u>\$ 178,668</u>	<u>\$ 17,016</u>	<u>\$ 119,112</u>	<u>\$ 42,540</u>
22					
23	Subtotal Charges Before Demand	\$ 178,668			
24					
25	Remaining Revenue to Spread	\$ 6,433,517			
26					
27	Target Demand Revenue to Spread				Adjust Primary Voltage Rate to reduce
28	All kVa	\$ 4.11	\$ 1.59	\$ 1.59	Equal Percentage Increase
29					
30	Demand Revenue:				
31	All kVa	<u>\$ 6,433,373</u>	<u>\$ 887,990</u>	<u>\$ 4,555,938</u>	<u>\$ 989,444</u>
32					
33	Total Proposed Revenue Sch 449	<u>\$ 6,612,041</u>	<u>\$ 905,006</u>	<u>\$ 4,675,050</u>	<u>\$ 1,031,984</u>
34					
35	Difference due to rounding	\$ (144)			

Puget Sound Energy
Proforma Demand Revenue
Twelve Months ended September 30, 2003

	Demand 50 kW	Demand Over 50 kW	All Demand	Proforma Demand Revenue	Proforma Reactive Power Revenue	Total Proforma Demand Revenue	Revenue % to Schedule	Target Revenue	Target Revenue by Schedule	Average Increase	Proposed Revenue	Proposed Revenue kVarh	Target Demand Revenue by Schedule
Schedule 25	4,082,201	4,287,494	8,369,695	\$ 23,754,884	\$ 1,737,014	\$ 25,491,898	99.838%	\$ 46,547,993	\$ 46,547,993		\$ 1,800,507	\$ 44,747,486	
Schedule 29	17,057	10,244	27,301	\$ 40,445	\$ 945	\$ 41,390	0.162%	\$ 75,577	\$ 75,577		\$ 980	\$ 74,597	
Subtotal Schedules 11, 25 & 29	4,099,258	4,297,737	8,396,996	\$ 23,795,328	\$ 1,737,959	\$ 25,533,288		\$ 46,623,570	\$ 46,623,570	3.7%	\$ 1,801,487	\$ 44,822,083	
Schedule 26			4,387,269	\$ 25,132,641	\$ 1,027,477	\$ 26,160,118	100.000%	\$ 29,977,543	\$ 29,977,543	2.3%	\$ 1,050,965	\$ 28,926,578	
Schedule 31 ²			3,946,815	\$ 20,977,169	\$ 744,731	\$ 21,721,900	86.612%	\$ 24,964,100	\$ 24,964,100	14.6%	\$ 853,619	\$ 24,110,481	
Schedule 35			9,074	\$ 21,326	\$ 1,946	\$ 23,271	0.093%	\$ 26,745	\$ 26,745	6.5%	\$ 2,072	\$ 24,673	
Schedule 43			864,945	\$ 3,139,749	\$ 194,608	\$ 3,334,358	13.295%	\$ 3,832,042	\$ 3,832,042	11.0%	\$ 215,948	\$ 3,616,094	
Subtotal Schedules 31, 35, & 43			4,820,833	\$ 24,138,244	\$ 941,285	\$ 25,079,529		\$ 28,822,887	\$ 28,822,887		\$ 1,071,639	\$ 27,751,248	
Schedule 46			168,423	\$ 266,108	\$ -	\$ 266,108	7.524%	\$ 300,790	\$ 300,790		\$ -	\$ 300,790	
Schedule 49			1,172,295	\$ 3,270,703	\$ -	\$ 3,270,703	92.476%	\$ 3,696,970	\$ 3,696,970	11.0%	\$ -	\$ 3,696,970	
Subtotal Schedules 46 & 49			1,340,718	\$ 3,536,811	\$ -	\$ 3,536,811		\$ 3,997,760	\$ 3,997,760		\$ -	\$ 3,997,760	
Schedule 449 Primary Voltage			216,056	\$ 864,224	\$ -	\$ 864,224	13.938%	\$ 660,214	\$ 660,214		\$ -	\$ 660,214	
Schedule 449 High Voltage Voltage			2,865,370	\$ 4,384,016	\$ -	\$ 4,384,016	70.706%	\$ 3,349,120	\$ 3,349,120		\$ -	\$ 3,349,120	
Schedule 459 High Voltage Voltage			622,292	\$ 952,107	\$ -	\$ 952,107	15.356%	\$ 727,351	\$ 727,351		\$ -	\$ 727,351	
Subtotal Schedule 449			3,703,718	\$ 6,200,347	\$ -	\$ 6,200,347		\$ 4,736,685	\$ 4,009,334	3.7%	\$ -	\$ 4,009,334	
Total Related Demand			22,649,533	\$ 82,803,371	\$ 3,706,721	\$ 86,510,093		\$ 114,158,444	\$ 113,431,093		\$ 3,924,090	\$ 109,507,003	

(2) Give demand twice average increase since below target and trying to line up with Sch 26 Demand

Puget Sound Energy
Allocation of Demand Revenue to Class
Based on Ratios From Electric Cost of Service
Twelve Months ended September 30, 2003

Line No.	Source	Secondary Voltage Schedules 25 & 29	Secondary Voltage Schedule 26	Primary Voltage Schedules 31, 35 & 43	High Voltage Schedules 46 & 49	Transportation Schedules 449 & 459
1	Total Cost of Service Demand COS DEM, Line 7	\$ 63,400,741	\$ 33,104,239	\$ 30,611,042	\$ 4,277,401	\$ 3,971,452
2	Total Cost of Service Revenue COS TMP2, Line 6	\$ 200,956,898	\$ 122,228,648	\$ 117,355,799	\$ 25,894,175	\$ 8,620,047
3	Ratio Cost of Service Demand to Total Revenue Line 1 / Line 2	0.31549	0.27084	0.26084	0.16519	0.46072
4	Proforma Demand Revenue Demand Revenue Table	\$ 25,533,288	\$ 26,160,118	\$ 25,079,529	\$ 3,536,811	\$ 6,200,347
5	Total Proforma Revenue Target Proposed Revenue, Column 1	\$ 204,205,358	\$ 119,831,706	\$ 109,030,154	\$ 22,208,537	\$ 6,379,015
6	Ratio Proforma Demand Revenue to Total Revenue Line 4 / Line 5	0.12504	0.21831	0.23002	0.15925	0.97199
7	Move 1/2 Distance toward Parity Line 6 + 1/2 * (Line 3 - Line 6)	0.22027	0.24457	0.24543	0.16222	0.71636
8	Total Proposed Revenue Target Proposed Revenue, Column (Last - 3)	\$ 211,669,614	\$ 122,570,998	\$ 117,437,505	\$ 24,643,882	\$ 6,612,185
9	Proposed Demand Revenue Line 7 * Line 8	\$ 46,623,570	\$ 29,977,543	\$ 28,822,887	\$ 3,997,760	\$ 4,736,685