

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

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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%
Firm Resale								
Small Firm Resale	005	7,678,078	\$ 457,443	\$ 491,393				
Special Contract	001	128,379,640	\$ 1,339,667	\$ 1,439,093				
Total Firm Resale		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%

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 Residential
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	Bill Determinants		Proforma		Proposed		Differences		
	Temperature Adjustment	Total	Rates Effective 10-1-03		Rates Effective 2005				
			Charge	Revenue	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	86,881,239	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	86,881,239	9,756,700,657		\$ 684,233,556		\$ 768,863,729	\$ 84,630,173	12.4%
Schedule 95		<u>9,756,700,657</u>	\$ 0.002336	<u>\$ 22,791,653</u>	\$ -	<u>\$ -</u>	<u>\$ (22,791,653)</u>	<u>-100.0%</u>	
Total Revenue				<u><u>\$ 764,791,848</u></u>		<u><u>\$ 837,133,482</u></u>	<u><u>\$ 72,341,634</u></u>	<u><u>9.5%</u></u>	

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 Secondary Voltage, Demand 50 kW or less
 Schedule 24

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	Bill Determinants		Proforma		Proposed		Differences		
	Temperature Adjustment	Total	Rates Effective 10-1-03		Rates Effective 2005				
			Charge	Revenue	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	1,265,580,810	\$0.067545	\$ 85,483,656	\$0.072695	\$ 92,001,397	\$ 6,517,741	7.6%
Summer Energy	1,125,586,300	(7,829,005)	1,117,757,296	\$0.064967	\$ 72,617,338	\$0.069920	\$ 78,153,590	\$ 5,536,252	7.6%
Total kWh	2,382,776,165	561,942	2,383,338,106		\$ 158,100,994		\$ 170,154,987	\$ 12,053,993	7.6%
Schedule 95		<u>2,383,338,106</u>	\$0.002357	<u>\$ 5,617,528</u>	\$ -	<u>\$ -</u>	<u>\$ (5,617,528)</u>	<u>-100.0%</u>	
Total Revenue Schedule 24				<u><u>\$ 173,750,827</u></u>		<u><u>\$ 182,020,943</u></u>	<u><u>\$ 8,270,117</u></u>	<u><u>4.8%</u></u>	

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

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	Bill Determinants		Proforma		Proposed		Differences	
	Temperature Adjustment	Total	Rates Effective 10-1-03	Revenue	Rates Effective 2005	Revenue	\$	%
			Charge		Charge			
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%

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 Secondary Voltage, Demand Greater than 350 kW
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	Bill Determinants		Proforma		Proposed		Differences	
	Temperature Adjustment	Total	Rates Effective 10-1-03	Revenue	Rates Effective 2005	Revenue	\$	%
			Charge		Charge			
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%

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 Secondary Voltage, Seasonal Irrigation & Drainage Pumping Service
 Schedule 29

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	Bill Determinants			Proforma		Proposed		Differences	
	Temperature Adjustment	Total	Rates Effective 10-1-03		Rates Effective 2005				
			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	151,247	\$ 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	190,587	\$ 0.041171	\$ 42,972	\$0.042676	\$ 44,543	\$ 1,571	3.7%	
Total kWh Energy	14,723,233	341,834		\$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
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 Primary Voltage General Service
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	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

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	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	0.033147	\$ 164,615	0.037054	\$ 184,018	\$ 19,403	11.8%
Winter - All kW	1,065	\$ 3.33	\$ 3,546	\$ 4.08	\$ 4,344	\$ 799	22.5%
Summer- All kW	8,009	\$ 2.22	\$ 17,780	\$ 2.72	\$ 21,784	\$ 4,005	22.5%
Total kW Demand	9,074		\$ 21,326		\$ 26,129	\$ 4,803	22.5%
Total kVarh Reactive Power	2,344,205	\$ 0.00083	\$ 1,946	\$ 0.00088	\$ 2,063	\$ 117	6.0%
Schedule 95	4,966,200	\$ 0.00195	\$ 9,704	\$ -	\$ -	\$ (9,704)	-100.0%
Total Revenue			\$ 199,990		\$ 214,609	\$ 14,619	7.3%

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

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	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
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	Proforma Rates Effective 10-1-03		Proposed Rates Effective 2005		Differences		
	Charge	Revenue	Charge	Revenue	\$	%	
Total kWh Energy	<u>51,109,000</u>	\$ 0.037259	<u>\$ 1,904,270</u>	\$ 0.043551	<u>\$ 2,225,848</u>	<u>\$ 321,578</u>	<u>16.9%</u>
Total kVa Demand	<u>168,423</u>	\$ 1.58	<u>\$ 266,108</u>	\$ 1.75	<u>\$ 294,740</u>	<u>\$ 28,632</u>	<u>10.8%</u>
Schedule 95	<u>51,109,000</u>	\$ 0.001089	<u>\$ 55,658</u>	\$ -	<u>\$ -</u>	<u>\$ (55,658)</u>	<u>-100.0%</u>
Total Revenue			<u><u>\$ 2,226,036</u></u>		<u><u>\$ 2,520,588</u></u>	<u><u>\$ 294,552</u></u>	<u><u>13.2%</u></u>

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

Puget Sound Energy
 Proforma and Proposed Revenue
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 High Voltage, General Service
 Schedule 49

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	Proforma Rates Effective 10-1-03		Proposed Rates Effective 2005		Differences		
	Charge	Revenue	Charge	Revenue	\$	%	
Total kWh Energy	<u>424,545,212</u>	\$ 0.037259	<u>\$ 15,818,130</u>	\$ 0.043551	<u>\$ 18,489,369</u>	<u>\$ 2,671,238</u>	<u>16.9%</u>
Total kVa Demand	<u>1,172,295</u>	\$ 2.79	<u>\$ 3,270,703</u>	\$ 3.10	<u>\$ 3,634,114</u>	<u>\$ 363,411</u>	<u>11.1%</u>
Schedule 95	<u>424,545,212</u>	\$ 0.002105	<u>\$ 893,668</u>	\$ -	<u>\$ -</u>	<u>\$ (893,668)</u>	<u>-100.0%</u>
Total Revenue			<u><u>\$ 19,982,500</u></u>		<u><u>\$ 22,123,483</u></u>	<u><u>\$ 2,140,982</u></u>	<u><u>10.7%</u></u>

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

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Schedule	kWh	Annual Proforma Revenue	Annual Proposed Revenue	Revenue Change	% 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
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 Twelve Months ended September 30, 2003
 Small Firm Resale

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	Bill Determinants		Proforma		Proposed		Differences		
	Temperature Adjustment	Total	Rates Effective 10-1-03 Charge	Revenue	Rates Effective 2005 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			
Total Revenue				\$ 457,443		\$ 491,393	\$ 33,950	7.4%	

Puget Sound Energy
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 Transportation
 Schedule 449

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	Proforma		Proposed		Differences	
	Rates Effective 10-1-03		Rates Effective 2005		\$	%
	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	216,056	\$ 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	2,865,370	\$ 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
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 Transportation with Back-up Distribution
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	Proforma Rates Effective 10-1-03		Proposed Rates Effective 2005		Differences	
	Charge	Revenue	Charge	Revenue	\$	%
High Voltage:						
kWh		357,930,997				
Customer Charge	60	\$ 709.00	\$ 42,540	\$709.00	\$ 42,540	\$ - 0.0%
Back-up Distribution Service	622,292	\$ 1.53	\$ 952,107	\$ 1.59	\$ 989,444	\$ 37,338 3.9%
Total High Voltage Revenue			<u>\$ 994,647</u>		<u>\$ 1,031,984</u>	<u>\$ 37,338 3.8%</u>
Total Schedule 449			<u>\$ 994,647</u>		<u>\$ 1,031,984</u>	<u>\$ 37,338 3.8%</u>

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

Exhibit No. ____ (JAH-23)
 Page 16 of 37

	Total	Proforma Rates Effective 10-1-03		Proposed Rates Effective 2005		Differences	
		Charge	Revenue	Charge	Revenue	\$	%
Total kWh Energy	<u>128,379,640</u>		<u>\$ 909,678</u>		<u>\$ 909,678</u>		
Allocation of Docket No. UE-011570 Revenue Increase			<u>\$ 429,988</u>		<u>\$ 429,988</u>		
Allocation of Docket No. UE-04xxxx Revenue Increase					<u>\$ 99,426</u>		
Total Revenue			<u>\$ 1,339,667</u>		<u>\$ 1,439,093</u>	<u>\$ 99,426</u>	<u>7.4%</u>
Add Small Firm Resale Proforma Revenue			\$ 457,443				
Total Firm Resale Proforma Revenue			\$ 1,797,109				
Allocation of Firm Resale Increase			\$ 133,376				
% Increase							7.42%

Puget Sound Energy
Rate Design Workpapers
Residential Schedule 7 Rate

Line No.	Total	Temperature Adjustment	
1	Basic Charges:		
2			1 Phase
3	10,495,072		3 Phase
4	<u>3,216</u>		
5	<u>10,498,289</u>		
6	kWh:		
7	5,357,297,988	-	First 600
8	4,399,402,669	86,881,239	All Over 600
9	<u>9,756,700,657</u>	<u>86,881,239</u>	
10	<u>9,669,819,418</u>		
11	Current Base Rates Effective 10-1-03		
12	Basic Charge:		
13	\$ 5.50		1 Phase
14	\$ 13.60		3 Phase
15	Energy Charge:		
16	\$ 0.062727		First 600
17	\$ 0.079144		All Over 600
18	\$ 0.002336		Schedule 95
19		<= Differential	25%
20	Basic Charge Revenue:		
21	\$ 57,722,896		1 Phase
22	\$ 43,744		3 Phase
23	<u>\$ 57,766,640</u>		Subtotal Basic Charge \$
24	Energy Charge Revenue:		
25	\$ 336,047,231		First 600
26	\$ 348,186,325		All Over 600
27	\$ 22,791,653		Schedule 95
28	\$ 764,791,848		Total Proforma Revenue
29	<u>764,791,848</u>		
30	Proposed Rates Effective 2005		
31			
32	kWh:		
33	943,012,109	-	600 - 800
34	3,456,390,560	86,881,239	All Over 800
35	<u>4,399,402,669</u>	<u>86,881,239</u>	
36	<u>4,312,521,430</u>		
37			
38			
39	Basic Charge:		
40	\$ 6.50		1 Phase
41	\$ 16.10		3 Phase
42			From COS Basic Charge Worksheet = ratio of \$13.60 / \$5.50 * \$x.xx
43	\$ 72,340,397		Target Proposed \$ Increase
44	\$ 837,132,245		Target Proposed Revenue
45	9.46%		Target Proposed % Increase (Pre-Interim)
46	Basic Charge Revenue:		
47	\$ 68,217,968		1 Phase
48	\$ 51,785		3 Phase
49	<u>\$ 68,269,753</u>		Subtotal Basic Charge \$
50			
51	\$ 768,862,492		Remaining Revenue Requirement To Spread
52			
53			
54	Energy Charge:		
55	\$ 0.075034		First 800 (Flat)
56	\$ 0.085675		All Over 800 (Flat)
57		14.18% <= Resulting Differential	Spread remaing revenue to first block
58	Energy Charge Revenue:		
59	\$ 472,737,468	\$ 472,737,468	First 800
60	\$ 296,126,261		All Over 800
61			
62	\$ 837,133,482		Total Proposed Revenue
63	\$ (1,237)		Difference due to rounding
64			

Puget Sound Energy
Rate Design Workpapers
Secondary Voltage
Schedule 24

Line No.	Total	Total Winter	Total Summer
1	Basic Charges:		
2	954,004		
3	351,859		
4	1,305,863		
5	kWh:		
6	2,382,776,165	1,257,189,864	1,125,586,300
	561,942	8,390,946	(7,829,005)
7	2,383,338,106	1,265,580,810	1,117,757,296
8			
9			
10	Current Base Rates Effective 10-1-03		
11	Basic Charge:		
12	\$ 5.50		
13	\$ 13.60		
14			
15	Energy Charge:		
16		\$ 0.067545	\$ 0.064967
17	\$ 0.002357		
18	Basic Charge Revenue:		
19	\$ 5,247,023		
20	\$ 4,785,281		
21	\$ 10,032,305		
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			
34	\$ 8,269,071		= From COS Ratespread Document
33	\$ 182,019,897		
35	4.76%		
36			
37	Basic Charge Revenue:		
38	\$ 6,201,027		
39	\$ 5,664,929		
40	\$ 11,865,956		
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>		
14			
15	Current Base Rates Effective 10-1-03		
16 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		
22 Schedule 95	\$ 0.002340		
23 Demand Charge:			
24 First 50 kW		\$ -	\$ -
25 All over 50 kW		\$ 6.66	\$ 4.44
26 Reactive Power Charge:	\$ 0.00233		
27 Revenue:			
28 Basic Charge Revenue:	<u>\$ 2,189,703</u>		
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	<u>\$ 168,942,400</u>		
33 Schedule 95	\$ 6,666,656		
34 Demand Charge Revenue - Over 50 kW	\$ 23,754,884	\$ 14,155,237	\$ 9,599,647
35 Reactive Power Revenue	\$ 1,737,014		
36 Total Proforma Revenue	<u>\$ 203,290,657</u>		
37			
38	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%	
45			
46 Basic Charge:			
47 All Basic Charges	\$ 33.40		
48			
49 Basic Charge Revenue:			
50 Subtotal Basic Charge \$	<u>\$ 2,937,192</u>		
51			
52 Target Demand Revenue to Spread		Winter	Summer
53 Up to 50 kW	\$ -	\$ -	\$ -
54 All over 50 kW		7.49	4.99
55			
56 Demand Revenue:			
57 All over 50 kW	<u>\$ 26,708,120</u>		
58			
59 Target Reactive Power Revenue to Spread	\$ 1,863,999		
60 All kVarh	\$ 0.00250		
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			
69			
70 Energy Charge:		Winter	Summer
71 First 20,000 kWh		\$ 0.074586	\$ 0.067368
72 All Over 20,000 kWh		\$ 0.054592	\$ 0.054592
73			
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)		

= From COS Ratespread Document

Twice Average Increase

From COS Basic Charge Worksheet

Solve for Demand Charge

Apply Twice average increase

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

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	1 Phase \$6.50		
47	3 Phase \$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	<u>\$ 45,495</u>		
62			
63	\$ 980		
64	\$ 0.00249		
65			
66	Reactive Power Revenue:		
67	<u>\$ 981</u>		
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			

81 Total Proposed Revenue
82 Difference due to rounding

\$ 948,137
\$ (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 increase
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	8,699			
2					
3	kWh	1,890,378,962			
4	Temperature Adjustment	(3,556,768)			
5	Total kWh	1,886,822,194			
6					
7	kW:	4,387,269	2,134,140	2,253,129	
8					
9	kVarh	934,070,048			
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	\$ 119,831,706			
24					
25	Proposed Rates Effective 2005				
26					
27	Target Proposed Revenue 26	\$ 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 \$	\$ 687,203			
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	\$ 26,288,723			
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	\$ 1,074,181			
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	\$ 94,520,358			
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:	<u>6,078</u>			
2					
3	kWh	1,661,414,453			
4	Temperature Adjustment	(3,882,862)			
5	Total kWh	<u>1,657,531,591</u>			
6					
7	kW:	<u>3,946,815</u>	<u>1,927,229</u>	<u>2,019,586</u>	
8					
9	kVarh	<u>919,421,179</u>			
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	<u>\$ 96,838,452</u>			
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 \$	<u>\$ 1,215,506</u>			
41					
42	Target Demand Revenue to Spread				
43	kW	\$ 24,110,481	6.11	7.37	
44					
45	Demand Revenue:				
46	All kW	<u>\$ 24,119,843</u>			
47					
48	Target Reactive Power Revenue to Spread				
49	All kVarh	\$ 853,619	0.00093		
50					
51	Reactive Power Revenue:				
52	All kVarh	<u>\$ 855,062</u>			
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	<u>\$ 77,724,971</u>			
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

n rentals)

Puget Sound Energy
Rate Design Workpapers
Primary Voltage
Schedule 35

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

Puget Sound Energy
Rate Design Workpapers
Primary Voltage
Schedule 43

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

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	<u>424,545,212</u>	
2		
3	<u>1,172,295</u>	
4		
5		Current Base Rates Effective 10-1-03
6		Rates:
7	\$ 0.037259	Energy Charge
	\$ 0.002105	Schedule 95
8	\$ 2.79	Demand Charge
9		
10		Revenue:
11	\$ 15,818,130	Energy Charge
	\$ 893,668	Schedule 95
12	\$ 3,270,703	Demand Charge
13	<u>\$ 19,982,500</u>	Total Proforma
14		
15		Proposed Rates Effective 2005
16		
17	\$ 24,643,882	Target Proposed Revenue 46 & 49
18	\$ 2,435,346	Target Proposed \$ Increase Sch 46 & 49
19	10.97%	Target Proposed % Increase Sch 46 & 49
20		
21	<u>\$ 3,629,362</u>	Target Demand Revenue to Spread
22	<u>\$ 3.10</u>	kVa
23		
24		Demand Revenue:
25	<u>\$ 3,634,114</u>	All kVa
26		
27	\$ 294,740	Schedule 46 Demand Revenue
28	\$ 20,715,028	Remaining Revenue Requirement To Spread
29	475,654,212	Total Sch 46 & 49 kWh
30		
31		
32		Energy Charge Schedules 46 & 49:
33	<u>\$ 0.043551</u>	All kWh
34		
35		Energy Charge Revenue:
36	<u>\$ 18,489,369</u>	All kWh
37		
38	\$ 22,123,483	Total Proposed Revenue Sch 49
39	\$ 2,520,588	Total Proposed Revenue Sch 46
40		
41	\$ 189	Difference due to rounding

= From COS Ratespread Document

Average Increase

Average Cents

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 Equal Percentage Increase
28	All kVa	\$ 4.11	\$ 1.59	\$ 1.59	
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)			

e rounding residual

Puget Sound Energy
Twelve Months ended September 30, 2003
Summary - Increase based on Cost of Service Parity Ratios

Voltage Level	Schedule	Revenue	Proforma	Total Operating	Revenue	% to Total	Parity Cost of	Proforma	Parity	Parity
		Required from Rates (COS, TMP2, Line 11)	Tariffed Revenue Effective 6-30-01	Revenue (COS, TMP2, Line 7)	Required from Rates		Service at Proposed Revenues	Revenue % to Total		
		A	B	C	D =	E =	F =	G =	H =	I =
					A - (C - B)	D / Sum(D)	E * Proposed Revenue	B / Sum(B)	G - E	H * Parity Movement
Total Residential	7	\$ 868,921,922	\$ 764,791,848	\$ 798,973,351	\$ 834,740,420	0.571147	\$ 867,182,984	0.540534	(0.030613)	(0.015307)
Secondary Voltage										
Demand <= 50 kW	24	\$ 181,132,912	\$ 173,750,827	\$ 181,089,875	\$ 173,793,864	0.118913	\$ 180,548,442	0.122802	0.003889	0.001944
Demand > 50 kW but <= 350 kW	25 / 29	\$ 189,253,487	\$ 204,205,358	\$ 210,395,138	\$ 183,063,707	0.125256	\$ 190,178,561	0.144327	0.019071	0.009535
Demand > 350 kW	26	\$ 117,701,306	\$ 119,831,706	\$ 123,642,821	\$ 113,890,192	0.077926	\$ 118,316,585	0.084694	0.006768	0.003384
Total Secondary Voltage		\$ 488,087,706	\$ 497,787,891	\$ 515,127,833	\$ 470,747,763	0.322096	\$ 489,043,588	0.351823	0.029727	0.014864
Primary Voltage										
General Service	31	\$ 102,083,830	\$ 96,838,452	\$ 100,449,254	\$ 98,473,027	0.067377	\$ 102,300,226	0.068443	0.001065	0.000533
Seasonal Irrigation & Drainage Pumping	35	\$ 302,877	\$ 199,990	\$ 208,447	\$ 294,420	0.000201	\$ 305,863	0.000141	(0.000060)	(0.000030)
Interruptible Total Electric Schools	43	\$ 13,703,952	\$ 11,991,713	\$ 12,398,488	\$ 13,297,177	0.009098	\$ 13,813,978	0.008475	(0.000623)	(0.000311)
Total Primary Voltage		\$ 116,090,659	\$ 109,030,154	\$ 113,056,190	\$ 112,064,624	0.076677	\$ 116,420,066	0.077059	0.000383	0.000191
Total High Voltage	46 / 49	\$ 25,985,659	\$ 22,208,537	\$ 23,566,281	\$ 24,627,915	0.016851	\$ 25,585,090	0.015696	(0.001155)	(0.000577)
Schedule 449	449	\$ 6,538,888	\$ 6,379,015	\$ 9,797,702	\$ 3,120,201	0.002135	\$ 3,241,469	0.004509	0.002374	0.001187
Lighting	50-59	\$ 14,530,532	\$ 12,888,320	\$ 13,094,233	\$ 14,324,620	0.009801	\$ 14,881,352	0.009109	(0.000692)	(0.000346)
Firm Resale	005	\$ 1,952,184	\$ 1,797,109	\$ 1,858,872	\$ 1,890,422	0.001293	\$ 1,963,894	0.001270	(0.000023)	(0.000012)
Total Sales		\$ 1,522,107,551	\$ 1,414,882,875	\$ 1,475,474,462	\$ 1,461,515,964	1.000000	\$ 1,518,318,443	1.000000	-	-

Proposed Revenue =	\$ 1,518,318,443
% Move to Parity	50%
Max Increase	
Min Increase	

Puget Sound Energy
Twelve Months ended September 30, 2003
Summary - Increase based on Cost of Service Parity Ratios

New Ratio Sales of Electricity to Revenue Requirement	Proposed Revenue	Revenue Increase	% Increase	Constrained Increase	Respread Increase	Final Revenue Increase	Final % Increase	26/31 Adjustment	Really Final % Increase
J = G - I	K = J * Proposed Revenue	L = K - B	M = L / B	N	O	P	Q = P / B	R	S
0.555840	\$ 843,942,620	\$ 79,150,772	10.35%	10.35%	\$ -	\$ 72,340,397	9.46%	\$ 72,340,397	9.46%
0.120858	\$ 183,500,695	\$ 9,749,869	5.61%	5.61%	\$ -	\$ 8,269,071	4.76%	\$ 8,269,071	4.76%
0.134791	\$ 204,656,216	\$ 450,858	0.22%	3.66%	\$ 7,013,398	\$ 7,464,256	3.66%	\$ 7,464,256	3.66%
0.081310	\$ 123,454,318	\$ 3,622,612	3.02%	3.66%	\$ 757,560	\$ 4,380,172	3.66%	\$ 2,739,292	2.29%
0.336959	\$ 511,611,229	\$ 13,823,338	2.78%	3.66%	\$ 7,770,959	\$ 20,113,499	4.04%	\$ 18,472,619	3.71%
0.067910	\$ 103,109,045	\$ 6,270,594	6.48%	6.48%	\$ -	\$ 5,438,533	5.62%	\$ 7,079,413	7.31%
0.000171	\$ 260,236	\$ 60,246	30.12%	6.48%	\$ (47,296)	\$ 12,950	6.48%	\$ 12,950	6.48%
0.008787	\$ 13,341,175	\$ 1,349,462	11.25%	10.97%	\$ (34,474)	\$ 1,314,988	10.97%	\$ 1,314,988	10.97%
0.076868	\$ 116,710,456	\$ 7,680,302	7.04%	7.04%	\$ (81,770)	\$ 6,766,471	6.21%	\$ 8,407,351	7.71%
0.016274	\$ 24,708,595	\$ 2,500,058	11.26%	10.97%	\$ (64,713)	\$ 2,435,346	10.97%	\$ 2,435,346	10.97%
0.003322	\$ 5,043,412	\$ (1,335,603)	-20.94%	3.66%	\$ 1,568,773	\$ 233,170	3.66%	\$ 233,170	3.66%
0.009455	\$ 14,355,939	\$ 1,467,619	11.39%	10.97%	\$ (54,310)	\$ 1,413,309	10.97%	\$ 1,413,309	10.97%
0.001282	\$ 1,946,191	\$ 149,082	8.30%	8.30%	\$ -	\$ 133,376	7.42%	\$ 133,376	7.42%
1.000000	\$ 1,518,318,443	\$ 103,435,568	7.31%		\$ 9,138,939	\$ 103,435,568	7.31%	\$ 103,435,568	7.31%

10.97%
3.66%

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

Exhibit No. ____ (JAH-23)
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	Demand First 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 kVarh Revenue	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		\$ 1,800,507	\$ 44,747,486
Schedule 29	17,057	10,244	27,301	\$ 40,445	\$ 945	\$ 41,390	0.162%		\$ 75,577		\$ 980	\$ 74,597
Subtotal Schedules 11, 25 & 29	<u>4,099,258</u>	<u>4,297,737</u>	<u>8,396,996</u>	<u>\$ 23,795,328</u>	<u>\$ 1,737,959</u>	<u>\$ 25,533,288</u>		<u>\$ 46,623,570</u>	<u>\$ 46,623,570</u>	3.7%	<u>\$ 1,801,487</u>	<u>\$ 44,822,083</u>
Schedule 26			<u>4,387,269</u>	<u>\$ 25,132,641</u>	<u>\$ 1,027,477</u>	<u>\$ 26,160,118</u>	100.000%	<u>\$ 29,977,543</u>	<u>\$ 29,977,543</u>	2.3%	<u>\$ 1,050,965</u>	<u>\$ 28,926,578</u>
Schedule 31 ²			3,946,815	\$ 20,977,169	\$ 744,731	\$ 21,721,900	86.612%		\$ 24,964,100	14.6%	\$ 853,619	\$ 24,110,481
Schedule 35			9,074	\$ 21,326	\$ 1,946	\$ 23,271	0.093%		\$ 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	11.0%	\$ 215,948	\$ 3,616,094
Subtotal Schedules 31, 35, & 43			<u>4,820,833</u>	<u>\$ 24,138,244</u>	<u>\$ 941,285</u>	<u>\$ 25,079,529</u>		<u>\$ 28,822,887</u>	<u>\$ 28,822,887</u>		<u>\$ 1,071,639</u>	<u>\$ 27,751,248</u>
Schedule 46			168,423	\$ 266,108	\$ -	\$ 266,108	7.524%		\$ 300,790		\$ -	\$ 300,790
Schedule 49			1,172,295	\$ 3,270,703	\$ -	\$ 3,270,703	92.476%		\$ 3,696,970		\$ -	\$ 3,696,970
Subtotal Schedules 46 & 49			<u>1,340,718</u>	<u>\$ 3,536,811</u>	<u>\$ -</u>	<u>\$ 3,536,811</u>		<u>\$ 3,997,760</u>	<u>\$ 3,997,760</u>	11.0%	<u>\$ -</u>	<u>\$ 3,997,760</u>
Schedule 449 Primary Voltage			216,056	\$ 864,224	\$ -	\$ 864,224	13.938%		\$ 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
Schedule 459 High Voltage Voltage			622,292	\$ 952,107	\$ -	\$ 952,107	15.356%		\$ 727,351		\$ -	\$ 727,351
Subtotal Schedule 449			<u>3,703,718</u>	<u>\$ 6,200,347</u>	<u>\$ -</u>	<u>\$ 6,200,347</u>		<u>\$ 4,736,685</u>	<u>\$ 4,009,334</u>	3.7%	<u>\$ -</u>	<u>\$ 4,009,334</u>
Total Related Demand			<u>22,649,533</u>	<u>\$ 82,803,371</u>	<u>\$ 3,706,721</u>	<u>\$ 86,510,093</u>		<u>\$ 114,158,444</u>	<u>\$ 113,431,093</u>		<u>\$ 3,924,090</u>	<u>\$ 109,507,003</u>

(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

Exhibit No. ____ (JAH-23)
Page 37 of 37

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