

**EXHIBIT NO. ___(JAH-20)
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)

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

NOVEMBER 3, 2004

Puget Sound Energy
Rate Spread
Modified Parity Increase

Sixth Exhibit to
Prefiled Rebuttal Testimony of
James A. Heidell

Voltage Level	Schedule	Revenue		Total Operating Revenue (COS, TMP2, Line 7)	Revenue Required from Rates	E = D / Sum(D)	Parity Cost of Service at Proposed Revenues		Parity Difference	Parity Movement
		A	B				F = B / Sum(B)	G = H - E		
		Required from Rates (COS, TMP2, Line 1)	Tariffed Revenue Effective 6-30-01	C	D = A - (C - B)		E * Proposed Revenue		H = G - E	I = 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	0.078677	\$ 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	\$ 3,241,489	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
Rate Spread
Modified Party Increase

Sixth Exhibit to
Purified Rebuttal Testimony of
James A. Heideil

Voltage Level	Schedule	New Ratio		Proposed Revenue	Revenue Increase	% Increase	Constrained Increase	Respread Increase	Final Revenue Increase	Final % Increase	26/31 Adjustment	Really Final % Increase
		Electricity to Revenue	Revenue									
		J = G - I	K = J * Proposed Revenue	L = K - B	M = L / B	N = M / L	O = N / B	P = O / B	Q = P / B	R = Q / B	S = R / B	
Total Residential	7	0.555840	\$ 843,942,620	\$ 79,150,772	10.35%	10.35%	\$ -	\$ 72,340,397	9.46%	\$ 72,340,397	9.46%	9.46%
Secondary Voltage												
Demand <= 50 kW	24	0.120858	\$ 183,500,695	\$ 9,749,869	5.61%	5.61%	\$ -	\$ 8,269,071	4.76%	\$ 8,269,071	4.76%	4.76%
Demand > 50 kW but <= 350 kW	25 / 29	0.134791	\$ 204,656,216	\$ 450,858	0.22%	3.66%	\$ 7,013,398	\$ 7,464,256	3.66%	\$ 7,464,256	3.66%	3.66%
Demand > 350 kW	26	0.081310	\$ 123,454,318	\$ 3,622,612	3.02%	3.66%	\$ 757,560	\$ 4,380,172	3.66%	\$ 2,739,292	2.29%	2.29%
Total Secondary Voltage		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%	3.71%
Primary Voltage												
General Service	31	0.067910	\$ 103,109,045	\$ 6,270,594	6.48%	6.48%	\$ -	\$ 5,438,533	5.62%	\$ 7,079,413	7.31%	7.31%
Seasonal Irrigation & Drainage Pumping	35	0.000171	\$ 260,236	\$ 60,246	30.12%	6.48%	\$ (47,296)	\$ 12,950	6.48%	\$ 12,950	6.48%	6.48%
Interruptible Total Electric Schools	43	0.008787	\$ 13,341,175	\$ 1,349,462	11.25%	10.97%	\$ (34,474)	\$ 1,314,988	10.97%	\$ 1,314,988	10.97%	10.97%
Total Primary Voltage		0.076868	\$ 116,710,456	\$ 7,680,302	7.04%	7.04%	\$ (81,770)	\$ 6,766,471	6.21%	\$ 8,407,351	7.71%	7.71%
Total High Voltage	46 / 49	0.016274	\$ 24,708,595	\$ 2,500,058	11.26%	10.97%	\$ (64,713)	\$ 2,435,346	10.97%	\$ 2,435,346	10.97%	10.97%
Schedule 449	449	0.003322	\$ 5,043,412	\$ (1,335,603)	-20.94%	3.66%	\$ 1,568,773	\$ 233,170	3.66%	\$ 233,170	3.66%	3.66%
Lighting	50-59	0.009455	\$ 14,355,939	\$ 1,467,619	11.39%	10.97%	\$ (54,310)	\$ 1,413,309	10.97%	\$ 1,413,309	10.97%	10.97%
Firm Resale	005	0.001282	\$ 1,946,191	\$ 149,082	8.30%	8.30%	\$ -	\$ 133,376	7.42%	\$ 133,376	7.42%	7.42%
Total Sales		1.000000	\$ 1,518,318,443	\$ 103,435,568	7.31%		\$ 9,138,939	\$ 103,435,568	7.31%	\$ 103,435,568	7.31%	7.31%

Proposed Revenue =

% Move to Parity

Max Increase
Min Increase

10.97%
3.66%