

EXHIBIT NO. _____ (JHS-8)
DOCKET NO. _____
2003 POWER COST ONLY RATE CASE
WITNESS: JOHN H. STORY

BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

Docket No. _____

v.

PUGET SOUND ENERGY, INC.,

Respondent.

DIRECT TESTIMONY OF
JOHN H. STORY
ON BEHALF OF PUGET SOUND ENERGY, INC.

Puget Sound Energy Statement of Proforma and Proposed Revenues									
CUSTOMER CLASS	SCHEDULE	a		b	c	d = b + e	e = a * c	f = e / b	Increase / Decrease %
		kWh 7/02 TO 6/03	Revenue @ Rates Effective 10-1-03						
Residential	7	9,704,880,367	\$ 742,265,163	0.3424 ¢	\$ 775,492,212	\$ 33,227,048		4.476%	
Sec Gen Svc - Small	24	2,386,078,725	\$ 168,759,968	0.3449 ¢	\$ 176,989,407	\$ 8,229,439		4.876%	
Sec Gen Svc - Medium	25	2,840,120,571	\$ 197,068,924	0.3419 ¢	\$ 206,779,061	\$ 9,710,137		4.927%	
Sec Gen Svc - Large	26	1,878,281,034	\$ 117,332,076	0.3201 ¢	\$ 123,344,535	\$ 6,012,459		5.124%	
Sec Irrigation Svc	29	15,023,454	\$ 923,922	0.2232 ¢	\$ 957,459	\$ 33,538		3.630%	
Secondary Service Total		7,119,503,783	\$ 484,084,890	0.3369 ¢	\$ 508,070,462	\$ 23,985,572		4.955%	
Pri Gen Svc	31	1,664,864,183	\$ 92,482,457	0.2988 ¢	\$ 97,456,768	\$ 4,974,311		5.379%	
Pri Irrigation Svc	35	5,121,000	\$ 196,766	0.2854 ¢	\$ 211,382	\$ 14,616		7.428%	
Pri Interruptible Svc	43	175,041,208	\$ 11,026,261	0.3247 ¢	\$ 11,594,634	\$ 568,373		5.155%	
Primary Service Total		1,845,026,391	\$ 103,705,484	0.3012 ¢	\$ 109,262,784	\$ 5,557,300		5.359%	
HV Interruptible Svc	46	50,620,000	\$ 2,156,709	0.1591 ¢	\$ 2,237,267	\$ 80,558		3.735%	
HV Gen Svc	49	427,726,004	\$ 19,217,523	0.3075 ¢	\$ 20,532,940	\$ 1,315,416		6.845%	
High Voltage Service Total		478,346,004	\$ 21,374,232	0.2918 ¢	\$ 22,770,206	\$ 1,395,974		6.531%	
Lights		82,356,894	\$ 12,752,537	0.3012 ¢	\$ 13,000,628	\$ 248,091		1.945%	
Small Firm Resale	005	7,759,862	\$ 462,028	0.3745 ¢	\$ 491,092	\$ 29,064		6.291%	
Subtotal		19,237,873,302	\$ 1,364,644,334	0.3350 ¢	\$ 1,429,087,383	\$ 64,443,049		4.722%	
Excluded Schedules									
Firm Resale Special Contract	005	-	\$ 1,277,712		\$ 1,277,712	\$ -		0.000%	
Transportation	449 / 459	2,065,832,748	\$ 6,474,516		\$ 6,474,516	\$ -		0.000%	
Total		21,303,706,050	\$ 1,372,396,561		\$ 1,436,839,610	\$ 64,443,049		4.696%	

Street Light kWh Calculations

Line	Schedule	Lamp Type	a Lamp Wattage	b Billable Watts	c = b - a Ballast Losses	d Average Hours / Month	e = (b / d) / 1000 kWh / Month	f Schedule 95 \$/ kWh	g = e * f Schedule 95 \$/ Lamp
1	3	Flourescent	22	28	6	350	10	\$ 0.003012	\$ 0.03
2									
3	50	Incandescent	327	327	-	350	114	\$ 0.003012	\$ 0.34
4	50	Mercury Vapor	100	115	15	350	40	\$ 0.003012	\$ 0.12
5	50	Mercury Vapor	175	193	18	350	68	\$ 0.003012	\$ 0.20
6	50	Mercury Vapor	400	430	30	350	151	\$ 0.003012	\$ 0.45
7	50	Mercury Vapor	700	780	80	350	273	\$ 0.003012	\$ 0.82
8	50	Mercury Vapor	1,000	1,102	102	350	386	\$ 0.003012	\$ 1.16
9									
10	52	Metal Hallide	175	211	36	350	74	\$ 0.003012	\$ 0.22
11	52	Metal Hallide	250	289	39	350	101	\$ 0.003012	\$ 0.30
12	52	Metal Hallide	400	452	52	350	158	\$ 0.003012	\$ 0.48
13	52	Metal Hallide	1,000	1,080	80	350	378	\$ 0.003012	\$ 1.14
14	52	Sodium Vapor	50	58	8	350	20	\$ 0.003012	\$ 0.06
15	52	Sodium Vapor	70	83	13	350	29	\$ 0.003012	\$ 0.09
16	52	Sodium Vapor	100	117	17	350	41	\$ 0.003012	\$ 0.12
17	52	Sodium Vapor	150	171	21	350	60	\$ 0.003012	\$ 0.18
18	52	Sodium Vapor	200	227	27	350	79	\$ 0.003012	\$ 0.24
19	52	Sodium Vapor	250	281	31	350	98	\$ 0.003012	\$ 0.30
20	52	Sodium Vapor	310	383	73	350	134	\$ 0.003012	\$ 0.40
21	52	Sodium Vapor	400	438	38	350	153	\$ 0.003012	\$ 0.46
22									
23	53	Sodium Vapor	50	58	8	350	20	\$ 0.003012	\$ 0.06
24	53	Sodium Vapor	70	83	13	350	29	\$ 0.003012	\$ 0.09
25	53	Sodium Vapor	100	117	17	350	41	\$ 0.003012	\$ 0.12
26	53	Sodium Vapor	150	171	21	350	60	\$ 0.003012	\$ 0.18
27	53	Sodium Vapor	200	227	27	350	79	\$ 0.003012	\$ 0.24
28	53	Sodium Vapor	250	281	31	350	98	\$ 0.003012	\$ 0.30
29	53	Sodium Vapor	310	383	73	350	134	\$ 0.003012	\$ 0.40
30	53	Sodium Vapor	400	438	38	350	153	\$ 0.003012	\$ 0.46
31	53	Sodium Vapor	1,000	1,102	102	350	386	\$ 0.003012	\$ 1.16
32									
33	54	Sodium Vapor	50	58	8	350	20	\$ 0.003012	\$ 0.06
34	54	Sodium Vapor	70	83	13	350	29	\$ 0.003012	\$ 0.09
35	54	Sodium Vapor	100	117	17	350	41	\$ 0.003012	\$ 0.12
36	54	Sodium Vapor	150	171	21	350	60	\$ 0.003012	\$ 0.18
37	54	Sodium Vapor	200	227	27	350	79	\$ 0.003012	\$ 0.24
38	54	Sodium Vapor	250	281	31	350	98	\$ 0.003012	\$ 0.30
39	54	Sodium Vapor	310	383	73	350	134	\$ 0.003012	\$ 0.40
40	54	Sodium Vapor	400	438	38	350	153	\$ 0.003012	\$ 0.46
41	54	Sodium Vapor	1,000	1,102	102	350	386	\$ 0.003012	\$ 1.16
42									
43	55	Area Lights - SV	70	83	13	350	29	\$ 0.003012	\$ 0.09
44	55	Area Lights - SV	100	117	17	350	41	\$ 0.003012	\$ 0.12
45	55	Area Lights - SV	150	171	21	350	60	\$ 0.003012	\$ 0.18
46	55	Area Lights - SV	200	227	27	350	79	\$ 0.003012	\$ 0.24
47	55	Area Lights - SV	250	281	31	350	98	\$ 0.003012	\$ 0.30
48	55	Area Lights - SV	400	438	38	350	153	\$ 0.003012	\$ 0.46
49	55	Area Lights - MH	175	211	36	350	74	\$ 0.003012	\$ 0.22
50	55	Area Lights - MH	251	289	38	350	101	\$ 0.003012	\$ 0.30
51									
52	58	Directional Flood Lights - SV	70	83	13	350	29	\$ 0.003012	\$ 0.09
53	58	Directional Flood Lights - SV	100	117	17	350	41	\$ 0.003012	\$ 0.12
54	58	Directional Flood Lights - SV	150	171	21	350	60	\$ 0.003012	\$ 0.18
55	58	Directional Flood Lights - SV	200	227	27	350	79	\$ 0.003012	\$ 0.24
56	58	Directional Flood Lights - SV	250	281	31	350	98	\$ 0.003012	\$ 0.30
57	58	Directional Flood Lights - SV	400	438	38	350	153	\$ 0.003012	\$ 0.46
58	58	Directional Flood Lights - MH	175	211	36	350	74	\$ 0.003012	\$ 0.22
59	58	Directional Flood Lights - MH	251	289	38	350	101	\$ 0.003012	\$ 0.30
60	58	Directional Flood Lights - MH	401	452	51	350	158	\$ 0.003012	\$ 0.48
61	58	Directional Flood Lights - MH	1,000	1,080	80	350	378	\$ 0.003012	\$ 1.14

Street Light kWh Calculations

Line	Schedule	Lamp Type	a Lamp Wattage	b Billable Watts	c = b - a Ballast Losses	d Average Hours / Month	e = (b / d) / 1000 kWh / Month	f Schedule 95 \$/ kWh	g = e * f Schedule 95 \$/ Lamp
62	58	Horizontal Flood Lights - SV	101	117	16	350	41	\$ 0.003012	\$ 0.12
63	58	Horizontal Flood Lights - SV	151	171	20	350	60	\$ 0.003012	\$ 0.18
64	58	Horizontal Flood Lights - SV	201	227	26	350	79	\$ 0.003012	\$ 0.24
65	58	Horizontal Flood Lights - SV	252	281	29	350	98	\$ 0.003012	\$ 0.30
66	58	Horizontal Flood Lights - SV	402	438	36	350	153	\$ 0.003012	\$ 0.46
67	58	Horizontal Flood Lights - MH	176	211	35	350	74	\$ 0.003012	\$ 0.22
68	58	Horizontal Flood Lights - MH	253	289	36	350	101	\$ 0.003012	\$ 0.30
69	58	Horizontal Flood Lights - MH	403	452	49	350	158	\$ 0.003012	\$ 0.48
70									
71	57	Traffic Signals							
72	57	Annual kWh					10,674,886		
73	57	Annual Watt					43,570,964		
74	57	Sch 95 - \$ / kWh						\$ 0.003012	
75	57	Sch 95 - \$ / Watt							\$ 0.00074

Puget Sound Energy
 Description of Calculations on Exhibit

<u>Page No.</u>	<u>Column No.</u>	<u>Description</u>
Page 1	Column (a)	Test year pro forma volumes (YE 6/03) for each schedule.
	Column (b)	Test year pro forma revenue (billing determinants from YE 6/03 and rates effective 10-1-03) for each schedule.
	Column (c)	Cents/kWh amount to be charged to customers on each of the applicable schedules from JHS-7, page 1, Column (i).
	Column (d)	Test year proposed revenue resulting from the summation of the proposed power cost deficiency in Column (e) and the proforma revenue in Column (b).
	Column (e)	The proposed power cost deficiency, by rate schedule, from JHS-7, page 1, Column (i).
	Column (f)	Percent increase by rate schedule resulting from the division of the proposed power cost deficiency in Column (e) by the pro forma revenue in Column (b).
Page 2		Derivation of the applicable charge for street and area light schedules based on the cents/kWh rate of 0.3012 cents from JHS-7, Page 1, Column (i) and billable wattage ratings by size and type of lamp. This calculation is continued to Page 3.
Page 3		Derivation of the applicable charge for street and area light schedules based on the cents/kWh rate of 0.3012 cents from JHS-7, Page 1, Column (i) and billable wattage ratings by size and type of lamp. This calculation is a continuation of Page 2.