

**EXHIBIT NO. ___(JAH-8)
DOCKET NO. UE-06___/UG-06___
2006 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. UE-06___
Docket No. UG-06___**

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

FEBRUARY 15, 2006

Puget Sound Energy
Proposed Electric Depreciation Tracker Schedule 124
Rate Calculation
For Twelve Months ended December 2007

Voltage Level	Schedule	kWh Test Year	kWh Rate Year	Transmission Plant (COS)	Distribution Plant (COS)	Transmission \$ Increase	Distribution \$ Increase	Total Tracker Increase	Proposed Rate (\$ / kWh)
Residential									
Residential	7	10,282,443,061	10,217,674,000	\$ 253,159,825	\$ 1,562,554,778	\$ (17,692)	\$ 5,189,992	\$ 5,172,300	
Total Residential		10,282,443,061	10,217,674,000	\$ 253,159,825	\$ 1,562,554,778	\$ (17,692)	\$ 5,189,992	\$ 5,172,300	\$ 0.000506
Secondary Voltage									
Demand <= 50 kW	24	2,492,559,188	2,590,745,000	\$ 59,233,643	\$ 287,666,403	\$ (4,139)	\$ 955,478	\$ 951,338	\$ 0.000367
Demand > 50 kW but <= 350 kW	25 / 29	2,968,757,391	3,104,114,000	\$ 68,800,153	\$ 236,574,320	\$ (4,808)	\$ 785,776	\$ 780,968	\$ 0.000252
Demand > 350 kW	26	1,919,784,677	1,899,964,000	\$ 43,183,068	\$ 105,728,245	\$ (3,018)	\$ 351,174	\$ 348,156	\$ 0.000183
Total Secondary Voltage		7,381,101,256	7,594,823,000	\$ 171,216,864	\$ 629,968,968	\$ (11,965)	\$ 2,092,428	\$ 2,080,463	
Primary Voltage									
General Service	31	1,342,628,022	1,365,920,000	\$ 30,446,287	\$ 86,176,309	\$ (2,128)	\$ 286,233	\$ 284,105	\$ 0.000208
Seasonal Irrigation & Drainage Pumping	35	5,870,343	5,523,000	\$ 104,207	\$ 1,173,596	\$ (7)	\$ 3,898	\$ 3,891	\$ 0.000704
Interruptible Total Electric Schools	43	171,829,222	190,817,000	\$ 3,153,732	\$ 28,410,090	\$ (220)	\$ 94,363	\$ 94,143	\$ 0.000493
Total Primary Voltage		1,520,327,587	1,562,260,000	\$ 33,704,227	\$ 115,759,995	\$ (2,355)	\$ 384,494	\$ 382,139	
Campus Rate	40	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
High Voltage									
Total High Voltage		541,847,371	524,043,000	\$ 9,995,720	\$ 12,594,573	\$ (699)	\$ 41,833	\$ 41,134	\$ 0.000078
Lighting	50-59	88,030,481	94,242,000	\$ 1,955,149	\$ 39,246,421	\$ (137)	\$ 130,356	\$ 130,219	\$ 0.001382
Total Retail Sales to Customers		19,813,749,756	19,993,042,000	\$ 470,031,784	\$ 2,360,124,735	\$ (32,847)	\$ 7,839,103	\$ 7,806,256	
Total Small Firm Resale		7,419,728	5,656,000	\$ 175,697	\$ 845,764	\$ (12)	\$ 2,809	\$ 2,797	\$ 0.000495
Transportation Sales									
Transportation - PV		116,021,786	122,266,000	\$ 1,574,314	\$ 2,083,115	\$ (110)	\$ 6,919	\$ 6,809	\$ 0.000056
Transportation - HV		1,915,843,305	1,986,543,000	\$ 25,849,911	\$ 19,549,321	\$ (1,806)	\$ 64,933	\$ 63,126	\$ 0.000032
Total Transportation Sales		2,031,865,091	2,108,809,000	\$ 27,424,224	\$ 21,632,435	\$ (1,916)	\$ 71,852	\$ 69,935	
Total Sales to Customers		21,853,034,575	22,107,507,000	\$ 497,631,706	\$ 2,382,602,935	\$ (34,776)	\$ 7,913,764	\$ 7,878,988	
-									
Depreciation Tracker - Total Revenue Requirement						\$ (34,776)	\$ 7,913,764	\$ 7,878,988	

Puget Sound Energy
Proposed Electric Depreciation Tracker Schedule 124
Lighting Rate Calculation
For Twelve Months ended December 2007

Line No.	Schedule	Lighting Type	Lamp Type	Lamp	Billable	Ballast	# hours / month	kWh / Month	\$ / kWh	\$ / Lamp	# of Lamps @ 9-05	Schedule 124 Revenue	Reallocate on		Zero		Final Rider	Annual Revenue
				Wattage	Watts	Losses							Existing Inventory	\$ / Lamp / Month	Inventory Allocation	Final Rider		
				a	b	c = b-a	d	e = (b*d)/1000	f = from p. 2	g = e*f	h	i = (g*h)*12	j = (i / A) *B	k = (j / h) / 12	l = g*C	m = g+k+l	n	h*m*12
1	3	Street	Flourescent	22	28		6	350	10	\$ 0.001382	\$ 0.01	60	\$ 10	\$ 1	\$ 0.00	\$ -	\$ 0.02	\$ 11
2	50	Street	Incandescent	327	327	-		350	114	\$ 0.001382	\$ 0.16	-	\$ -	\$ -	\$ -	\$ 0.02	\$ 0.17	\$ -
3	50	Street	Mercury Vapor	100	115	15		350	40	\$ 0.001382	\$ 0.06	22	\$ 15	\$ 1	\$ 0.01	\$ -	\$ 0.06	\$ 16
4	50	Street	Mercury Vapor	175	193	18		350	68	\$ 0.001382	\$ 0.09	134	\$ 151	\$ 15	\$ 0.01	\$ -	\$ 0.10	\$ 166
5	50	Street	Mercury Vapor	400	430	30		350	151	\$ 0.001382	\$ 0.21	156	\$ 391	\$ 39	\$ 0.02	\$ -	\$ 0.23	\$ 429
6	50	Street	Mercury Vapor	700	780	80		350	273	\$ 0.001382	\$ 0.38	2	\$ 9	\$ 1	\$ 0.04	\$ -	\$ 0.41	\$ 10
7	50	Street	Mercury Vapor	1,000	1,102	102		350	386	\$ 0.001382	\$ 0.53	1	\$ 6	\$ 1	\$ 0.05	\$ -	\$ 0.59	\$ 7
8	52	Street	Metal Hallide	70	98	28		350	34	\$ 0.001382	\$ 0.05	33	\$ 19	\$ 2	\$ 0.00	\$ -	\$ 0.05	\$ 20
9	52	Street	Metal Hallide	100	125	25		350	44	\$ 0.001382	\$ 0.06	-	\$ -	\$ -	\$ -	\$ 0.01	\$ 0.07	\$ -
10	52	Street	Metal Hallide	150	180	30		350	63	\$ 0.001382	\$ 0.09	-	\$ -	\$ -	\$ -	\$ 0.01	\$ 0.10	\$ -
11	52	Street	Metal Hallide	175	211	36		350	74	\$ 0.001382	\$ 0.10	197	\$ 242	\$ 24	\$ 0.01	\$ -	\$ 0.11	\$ 266
12	52	Street	Metal Hallide	250	289	39		350	101	\$ 0.001382	\$ 0.14	-	\$ -	\$ -	\$ -	\$ 0.01	\$ 0.15	\$ -
13	52	Street	Metal Hallide	400	452	52		350	158	\$ 0.001382	\$ 0.22	71	\$ 186	\$ 18	\$ 0.02	\$ -	\$ 0.24	\$ 204
14	52	Street	Metal Hallide	1,000	1,080	80		350	378	\$ 0.001382	\$ 0.52	29	\$ 182	\$ 18	\$ 0.05	\$ -	\$ 0.57	\$ 200
15	52	Street	Sodium Vapor	50	58	8		350	20	\$ 0.001382	\$ 0.03	-	\$ -	\$ -	\$ -	\$ 0.00	\$ 0.03	\$ -
16	52	Street	Sodium Vapor	70	83	13		350	29	\$ 0.001382	\$ 0.04	239	\$ 115	\$ 11	\$ 0.00	\$ -	\$ 0.04	\$ 126
17	52	Street	Sodium Vapor	100	117	17		350	41	\$ 0.001382	\$ 0.06	6,702	\$ 4,556	\$ 453	\$ 0.01	\$ -	\$ 0.06	\$ 5,009
18	52	Street	Sodium Vapor	150	171	21		350	60	\$ 0.001382	\$ 0.08	1,715	\$ 1,706	\$ 170	\$ 0.01	\$ -	\$ 0.09	\$ 1,876
19	52	Street	Sodium Vapor	200	227	27		350	79	\$ 0.001382	\$ 0.11	516	\$ 676	\$ 67	\$ 0.01	\$ -	\$ 0.12	\$ 743
20	52	Street	Sodium Vapor	250	281	31		350	98	\$ 0.001382	\$ 0.14	501	\$ 814	\$ 81	\$ 0.01	\$ -	\$ 0.15	\$ 895
21	52	Street	Sodium Vapor	310	383	73		350	134	\$ 0.001382	\$ 0.19	97	\$ 216	\$ 21	\$ 0.02	\$ -	\$ 0.20	\$ 237
22	52	Street	Sodium Vapor	400	438	38		350	153	\$ 0.001382	\$ 0.21	247	\$ 627	\$ 62	\$ 0.02	\$ -	\$ 0.23	\$ 689
23	53	Street	Sodium Vapor	50	58	8		350	20	\$ 0.001382	\$ 0.03	37	\$ 12	\$ 1	\$ 0.00	\$ -	\$ 0.03	\$ 13
24	53	Street	Sodium Vapor	70	83	13		350	29	\$ 0.001382	\$ 0.04	6,551	\$ 3,150	\$ 313	\$ 0.00	\$ -	\$ 0.04	\$ 3,463
25	53	Street	Sodium Vapor	100	117	17		350	41	\$ 0.001382	\$ 0.06	47,081	\$ 32,007	\$ 3,180	\$ 0.01	\$ -	\$ 0.06	\$ 35,187
26	53	Street	Sodium Vapor	150	171	21		350	60	\$ 0.001382	\$ 0.08	5,232	\$ 5,205	\$ 517	\$ 0.01	\$ -	\$ 0.09	\$ 5,722
27	53	Street	Sodium Vapor	200	227	27		350	79	\$ 0.001382	\$ 0.11	8,653	\$ 11,355	\$ 1,126	\$ 0.01	\$ -	\$ 0.12	\$ 12,461
28	53	Street	Sodium Vapor	250	281	31		350	98	\$ 0.001382	\$ 0.14	2,432	\$ 3,952	\$ 393	\$ 0.01	\$ -	\$ 0.15	\$ 4,345
29	53	Street	Sodium Vapor	310	383	73		350	134	\$ 0.001382	\$ 0.19	63	\$ 140	\$ 14	\$ 0.02	\$ -	\$ 0.20	\$ 154
30	53	Street	Sodium Vapor	400	438	38		350	153	\$ 0.001382	\$ 0.21	2,886	\$ 7,322	\$ 727	\$ 0.02	\$ -	\$ 0.23	\$ 8,049
31	53	Street	Sodium Vapor	1,000	1,102	102		350	386	\$ 0.001382	\$ 0.53	1	\$ 6	\$ 1	\$ 0.05	\$ -	\$ 0.59	\$ 7
32	54	Street	Sodium Vapor	50	58	8		350	20	\$ 0.001382	\$ 0.03	195	\$ 65	\$ 6	\$ 0.00	\$ -	\$ 0.03	\$ 71
33	54	Street	Sodium Vapor	70	83	13		350	29	\$ 0.001382	\$ 0.04	991	\$ 477	\$ 47	\$ 0.00	\$ -	\$ 0.04	\$ 524
34	54	Street	Sodium Vapor	100	117	17		350	41	\$ 0.001382	\$ 0.06	2,487	\$ 1,691	\$ 168	\$ 0.01	\$ -	\$ 0.06	\$ 1,859
35	54	Street	Sodium Vapor	150	171	21		350	60	\$ 0.001382	\$ 0.08	1,097	\$ 1,091	\$ 108	\$ 0.01	\$ -	\$ 0.09	\$ 1,200
36	54	Street	Sodium Vapor	200	227	27		350	79	\$ 0.001382	\$ 0.11	2,071	\$ 2,713	\$ 270	\$ 0.01	\$ -	\$ 0.12	\$ 2,982
37	54	Street	Sodium Vapor	250	281	31		350	98	\$ 0.001382	\$ 0.14	2,362	\$ 3,838	\$ 381	\$ 0.01	\$ -	\$ 0.15	\$ 4,219
38	54	Street	Sodium Vapor	310	383	73		350	134	\$ 0.001382	\$ 0.19	150	\$ 333	\$ 33	\$ 0.02	\$ -	\$ 0.20	\$ 366
39	54	Street	Sodium Vapor	400	438	38		350	153	\$ 0.001382	\$ 0.21	2,407	\$ 6,106	\$ 607	\$ 0.02	\$ -	\$ 0.23	\$ 6,713
40	54	Street	Sodium Vapor	1,000	1,102	102		350	386	\$ 0.001382	\$ 0.53	11	\$ 70	\$ 7	\$ 0.05	\$ -	\$ 0.59	\$ 77
41	55	Area	Sodium Vapor	70	83	13		350	29	\$ 0.001382	\$ 0.04	7	\$ 3	\$ 0	\$ 0.00	\$ -	\$ 0.04	\$ 4
42	55	Area	Sodium Vapor	100	117	17		350	41	\$ 0.001382	\$ 0.06	5,626	\$ 3,825	\$ 380	\$ 0.01	\$ -	\$ 0.06	\$ 4,205
43	55	Area	Sodium Vapor	150	171	21		350	60	\$ 0.001382	\$ 0.08	185	\$ 184	\$ 18	\$ 0.01	\$ -	\$ 0.09	\$ 202
44	55	Area	Sodium Vapor	200	227	27		350	79	\$ 0.001382	\$ 0.11	1,545	\$ 2,024	\$ 201	\$ 0.01	\$ -	\$ 0.12	\$ 2,225
45	55	Area	Sodium Vapor	250	281	31		350	98	\$ 0.001382	\$ 0.14	47	\$ 76	\$ 8	\$ 0.01	\$ -	\$ 0.15	\$ 84
46	55	Area	Sodium Vapor	400	438	38		350	153	\$ 0.001382	\$ 0.21	63	\$ 160	\$ 16	\$ 0.02	\$ -	\$ 0.23	\$ 176
47	55	Area	Metal Hallide	175	211	36		350	74	\$ 0.001382	\$ 0.10	-	\$ -	\$ -	\$ -	\$ 0.01	\$ 0.11	\$ -
48	55	Area	Metal Hallide	250	289	39		350	101	\$ 0.001382	\$ 0.14	-	\$ -	\$ -	\$ -	\$ 0.01	\$ 0.15	\$ -
49	57	Continuous	Traffic Signals	Annual kWh		14,184,000	Annual Watts	57,893,878	\$ 0.001382	\$ 0.00034	57,893,878	\$ 19,599	\$ 1,947	\$ 0.00003	\$ -	\$ 0.00037	\$ 21,546	
50	58	Flood	Sodium Vapor - Directional	70	83	13		350	29	\$ 0.001382	\$ 0.04	77	\$ 37	\$ 4	\$ 0.00	\$ -	\$ 0.04	\$ 41
51	58	Flood	Sodium Vapor - Directional	100	117	17		350	41	\$ 0.001382	\$ 0.06	7	\$ 5	\$ 0	\$ 0.01	\$ -	\$ 0.06	\$ 5
52	58	Flood	Sodium Vapor - Directional	150	171	21		350	60	\$ 0.001382	\$ 0.08	210	\$ 209	\$ 21	\$ 0.01	\$ -	\$ 0.09	\$ 230
53	58	Flood	Sodium Vapor - Directional	200	227	27		350	79	\$ 0.001382	\$ 0.11	399	\$ 523	\$ 52	\$ 0.01	\$ -	\$ 0.12	\$ 575
54	58	Flood	Sodium Vapor - Directional	250	281	31		350	98	\$ 0.001382	\$ 0.14	26	\$ 42	\$ 4	\$ 0.01	\$ -	\$ 0.15	\$ 46
55	58	Flood	Sodium Vapor - Directional	400	438	38		350	153	\$ 0.001382	\$ 0.21	535	\$ 1,357	\$ 135	\$ 0.02	\$ -	\$ 0.23	\$ 1,492
56	58	Flood	Metal Hallide - Directional	175	211	36		350	74	\$ 0.001382	\$ 0.10	3	\$ 4	\$ 0	\$ 0.01	\$ -	\$ 0.11	\$ 4
57	58	Flood	Metal Hallide - Directional	250	289	39		350	101	\$ 0.001382	\$ 0.14	8	\$ 13	\$ 1	\$ 0.01	\$ -	\$ 0.15	\$ 15
58	58	Flood	Metal Hallide - Directional	400	452	52		350	158	\$ 0.001382	\$ 0.22	56	\$ 147	\$ 15	\$ 0.02	\$ -	\$ 0.24	\$ 161
59	58	Flood	Metal Hallide - Directional	1,000	1,080	80		350	378	\$ 0.001382	\$ 0.52	92	\$ 577	\$ 57	\$ 0.05	\$ -	\$ 0.57	\$ 634

Puget Sound Energy
Proposed Electric Depreciation Tracker Schedule 124
Lighting Rate Calculation
For Twelve Months ended December 2007

Line No.	Schedule	Lighting Type	Lamp Type	Lamp Wattage a	Billable Watts b	Ballast Losses c = b-a	# hours / month d	kWh / Month e = (b*d)/1000	\$ / kWh f = from p. 2	\$ / Lamp g = e*f	# of Lamps @ 9-05 h	Schedule 124 Revenue i = (g*h)*12	Reallocate on Existing Inventory j = (i / A) *B	\$ / Lamp / Month k = (j / h) / 12	Zero Inventory Allocation l = g*C	Final Rider m = g+k+l	Annual Revenue n h*m*12
60	58	Flood	Sodium Vapor - Horizontal	100	117	17	350	41	\$ 0.001382	\$ 0.06	1	\$ 1	\$ 0	\$ 0.01	\$ -	\$ 0.06	\$ 1
61	58	Flood	Sodium Vapor - Horizontal	150	171	21	350	60	\$ 0.001382	\$ 0.08	3	\$ 3	\$ 0	\$ 0.01	\$ -	\$ 0.09	\$ 3
62	58	Flood	Sodium Vapor - Horizontal	200	227	27	350	79	\$ 0.001382	\$ 0.11	1	\$ 1	\$ 0	\$ 0.01	\$ -	\$ 0.12	\$ 1
63	58	Flood	Sodium Vapor - Horizontal	250	281	31	350	98	\$ 0.001382	\$ 0.14	9	\$ 15	\$ 1	\$ 0.01	\$ -	\$ 0.15	\$ 16
64	58	Flood	Sodium Vapor - Horizontal	400	438	38	350	153	\$ 0.001382	\$ 0.21	34	\$ 86	\$ 9	\$ 0.02	\$ -	\$ 0.23	\$ 95
65	58	Flood	Metal Hallide - Horizontal	175	211	36	350	74	\$ 0.001382	\$ 0.10	-	\$ -	\$ -	\$ -	\$ 0.01	\$ 0.11	\$ -
66	58	Flood	Metal Hallide - Horizontal	250	289	39	350	101	\$ 0.001382	\$ 0.14	-	\$ -	\$ -	\$ -	\$ 0.01	\$ 0.15	\$ -
67	58	Flood	Metal Hallide - Horizontal	400	452	52	350	158	\$ 0.001382	\$ 0.22	49	\$ 128	\$ 13	\$ 0.02	\$ -	\$ 0.24	\$ 141
Calculated Revenue										A	\$ 118,450	\$ 11,769					\$ 130,219
Allocated Revenue											\$ 130,219					\$ 130,219	
Revenue Difference										B	\$ 11,769					\$ -	
Percent Difference										C					10%		