

**EXHIBIT NO. \_\_ (JAD-16)  
DOCKET NO. UG-040640, et al. (consolidated)  
2004 PSE GENERAL RATE CASE  
WITNESS: DR. JEFFREY A. DUBIN**

**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)**

**FIRST EXHIBIT TO THE  
PREFILED REBUTTAL TESTIMONY OF  
DR. JEFFREY A. DUBIN (NONCONFIDENTIAL)  
ON BEHALF OF PUGET SOUND ENERGY, INC.**

**NOVEMBER 3, 2004**

## Regressions of Henry Hub Spot Prices on Individual Average Forward Strips

Forecast Period Length	Strip Length	Constant	t-statistics Constant	Average Forward Strip	t-statistic Average Forward Strip	Number of Observations	R-squared
1	1	0.16	1.78	0.95	33.79	165	0.88
1	2	0.16	1.54	0.95	28.93	166	0.84
1	3	0.14	1.19	0.96	26.55	166	0.81
1	4	0.11	0.87	0.98	24.82	166	0.79
1	5	0.10	0.73	0.99	23.14	166	0.77
1	6	0.09	0.64	1.00	21.78	166	0.74
5	1	0.38	2.07	0.91	15.29	166	0.59
5	2	0.39	2.05	0.91	14.71	166	0.57
5	3	0.40	2.06	0.91	14.16	166	0.55
5	4	0.42	2.09	0.91	13.59	166	0.53
5	5	0.43	2.09	0.91	13.14	166	0.51
5	6	0.43	2.04	0.92	12.79	166	0.50
11	1	0.69	2.76	0.86	9.67	164	0.37
11	2	0.68	2.67	0.87	9.53	164	0.36
11	3	0.66	2.54	0.88	9.47	164	0.36
11	4	0.62	2.36	0.90	9.51	164	0.36
11	5	0.57	2.16	0.93	9.60	164	0.36
11	6	0.52	1.95	0.95	9.71	164	0.37
17	1	0.59	1.70	0.99	7.87	137	0.31
17	2	0.51	1.48	1.03	8.08	137	0.33
17	3	0.43	1.24	1.06	8.32	137	0.34
17	4	0.36	1.04	1.09	8.52	137	0.35
17	5	0.28	0.81	1.13	8.74	137	0.36
17	6	0.20	0.58	1.17	8.98	137	0.37
25	1	0.02	0.04	1.38	7.04	79	0.39
25	2	-0.05	-0.09	1.41	7.20	79	0.40
25	3	-0.10	-0.17	1.43	7.27	79	0.41
25	4	-0.16	-0.28	1.46	7.38	79	0.41
25	5	-0.23	-0.40	1.49	7.48	79	0.42
25	6	-0.28	-0.49	1.52	7.56	79	0.43