

EXHIBIT NO. _____ (JMR-11)
DOCKET NO. UE-04____/UG-04____
2004 PSE GENERAL RATE CASE
WITNESS: JULIA M. RYAN

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY, INC.,

Respondent.

Docket No. UE-04____
Docket No. UG-04____

**TENTH EXHIBIT TO PREFILED DIRECT TESTIMONY
OF JULIA M. RYAN (NONCONFIDENTIAL)
ON BEHALF OF PUGET SOUND ENERGY, INC.**

APRIL 5, 2004

General Rate Case Filing
GRC Power cost projections vs PCORC power cost projections

LN	FERC Contract/Resource	a/c	Per PCORC Rebuttal Filing (costs in '000s)			2004 GRC 60 yr (costs in '000s)			Increase / (Decrease) Costs (costs in '000s)			PCORC	2004 GRC	GRC-PCORC	
			Aurora	Other	Total	Aurora	Other	Total	Aurora	Other	Total	Rebuttal	60 year	MWH	
												MWH	MWH		
1															
2	Colstrip 1&2	501	\$ 13,144	\$ 2,759	\$ 15,903	\$ 13,740	\$ 2,831	\$ 16,571	\$ 595	\$ 72	\$ 668	2,307,935	2,172,731	(135,204)	
3	Colstrip 3&4	501	16,858	3,735	20,593	17,940	4,713	22,653	1,082	978	2,060	2,600,360	2,804,023	203,664	
4	Puget's Hydro	555	0	0	0	0	0	0	-	-	0	1,158,223	1,131,412	(26,811)	
5	Encogen	547	31,993	(6,172)	25,821	38,990	(5,058)	33,932	6,997	1,114	8,111	755,846	920,105	164,259	
6	Nooksack Hydro	555	393	0	393	480	0	480	88	-	88	13,424	14,957	1,533	
7	Fredonia 1&2	547	4,422	5,111	9,533	6,908	6,381	13,289	2,486	1,270	3,756	81,511	128,494	46,984	
8	Fredonia 3&4	547	7,039	1,852	8,891	11,874	1,854	13,727	4,835	1	4,836	144,244	239,714	95,470	
9	Frederickson 1&2	547	2,278	2,412	4,690	2,916	3,055	5,971	638	644	1,281	40,219	52,309	12,090	
10	Whitehorn 2&3	547	1,132	3,214	4,346	1,207	3,214	4,421	75	0	75	18,806	20,327	1,521	
11	New CCCT 1	547	27,446	4,019	31,465	30,960	4,077	35,038	3,514	58	3,573	832,936	920,198	87,262	
12	Baker Replacement	555	0	0	0	0	0	0	-	-	0	7,198	7,198	(0)	
13	BC Hydro Point Roberts	555	1,315	0	1,315	1,315	0	1,315	0	-	0	19,630	19,630	(0)	
14	BPA Firm - WNP #3 Exchange	555	10,634	0	10,634	11,350	0	11,350	716	-	716	361,795	382,681	20,887	
15	BPA Snohomish Conservation	555	3,698	0	3,698	3,723	0	3,723	25	-	25	89,874	89,874	(0)	
16	Mid Columbia	555	0	83,865	83,865	0	80,677	80,677	-	(3,189)	(3,189)	6,372,538	5,954,944	(417,593)	
17	Canadian EA	555	0	0	0	0	0	0	-	-	0	(350,585)	(339,845)	10,740	
18	MPC Firm Contract	555	3,544	31,681	35,224	3,543	33,114	36,658	(0)	1,433	1,433	708,703	753,360	44,657	
19	Skookumchuck Hydro	555	0	0	0	0	0	0	-	-	0	-	-	-	
20	Wasco Hydro	555	2,438	0	2,438	2,442	0	2,442	4	-	4	38,650	38,016	(634)	
21	PG&E Exchange	555	0	0	0	0	(0)	(0)	-	(0)	(0)	(3,633)	(8,669)	(5,036)	
22	QF Shipp Hutch. Creek	555	134	0	134	169	0	169	35	-	35	4,213	4,213	0	
23	QF Koma Kulshan Hydro	555	2,976	0	2,976	2,982	0	2,982	6	-	6	39,434	39,434	0	
24	QF March Point Cogen Phase1	555	37,342	0	37,342	37,417	0	37,417	75	-	75	689,051	689,051	(0)	
25	QF March Point Cogen Phase2	555	31,813	0	31,813	33,743	0	33,743	1,931	-	1,931	470,671	508,285	37,614	
26	QF Port Townsend Hydro	555	95	0	95	104	0	104	9	-	9	2,538	2,538	-	
27	QF Puyallup Energy Recovery Co. (PERC)	555	545	340	885	596	340	936	50	-	50	14,309	14,309	0	
28	QF Spokane MSW	555	12,573	0	12,573	12,585	0	12,585	12	-	12	142,711	142,711	(0)	
29	QF Sumas	555	83,224	0	83,224	82,442	0	82,442	(782)	-	(782)	1,073,563	1,055,650	(17,912)	
30	QF Sygitowicz	555	41	0	41	43	0	43	2	-	2	753	753	0	
31	QF Tenaska	555	115,970	15,535	131,505	128,944	18,359	147,303	12,974	2,824	15,798	1,267,867	1,561,453	293,586	
32	QF Twin Falls	555	5,233	0	5,233	5,233	0	5,233	-	-	0	69,780	69,780	-	
33	QF Weeks Falls	555	947	0	947	947	0	947	(0)	-	(0)	12,633	12,633	0	
34	Market Purchases	555MP	101,356	890	102,246	100,388	29	100,417	(968)	(861)	(1,829)	2,469,970	2,248,764	(221,205)	
35	Market Sales	447	(23,383)	0	(23,383)	(27,103)	0	(27,103)	(3,720)	-	(3,720)	(695,144)	(727,096)	(31,951)	
36	Columbia Storage Pwr Exchg (CSPE)	555	0	0	0	0	0	0	-	-	0	-	-	-	
37	Supplemental Capacity	555	0	0	0	0	0	0	-	-	0	-	-	-	
38	WWP 15 year contract	555	0	0	0	0	0	0	-	-	0	-	-	-	
39	PPL 15 year contract	555	0	0	0	0	0	0	-	-	0	-	-	-	
40	Other Power Costs	557	0	7,201	7,201	0	6,708	6,708	-	(493)	(493)	-	-	-	
41	Wheeling	565	0	42,289	42,289	0	44,468	44,468	-	2,179	2,179	-	-	-	
42	Douglas Settlement	555	0	(3,550)	(3,550)	0	(3,784)	(3,784)	-	(234)	(234)	-	-	-	
43	Capacity	555	0	3,018	3,018	0	5,512	5,512	-	2,495	2,495	-	-	-	
44	Powerex	555	0	(4,200)	(4,200)	0	(4,200)	(4,200)	-	-	0	-	-	-	
45	(Gain) / Loss on Sale of Excess Gas	456	0	(215)	(215)	0	(323)	(323)	-	(108)	(108)	-	-	-	
46	BEP Amort	555	0	3,527	3,527	0	3,527	3,527	-	-	0	-	-	-	
47			\$ 495,201	\$ 197,310	\$ 692,511	\$ 525,879	\$ 205,494	\$ 731,373	\$ 30,678	\$ 8,184	\$ 38,862	20,760,020	20,923,938	163,917	
48			-	-	-	-	-	-	-	-	-	-	-	-	
49	Coal Fuel	501	\$ 30,002	\$ 6,494	\$ 36,496	\$ 31,680	\$ 7,545	\$ 39,224	\$ 1,678	\$ 1,050	\$ 2,728	-	-	-	
50	Natural Gas Fuel	547	74,311	10,435	84,746	92,855	13,523	106,378	18,544	3,088	21,633	-	-	-	
51	Purchase & Interchange	555	414,272	131,105	545,377	428,447	133,574	562,021	14,175	2,469	16,644	-	-	-	
52	Other Power Supply	557	-	7,201	7,201	-	6,708	6,708	-	(493)	(493)	-	-	-	
53	Wheeling	565	-	42,289	42,289	-	44,468	44,468	-	2,179	2,179	-	-	-	
54	Secondary Sales	447	(23,383)	-	(23,383)	(27,103)	-	(27,103)	(3,720)	-	(3,720)	-	-	-	
55	Non-Core Gas	456	-	(215)	(215)	-	(323)	(323)	-	(108)	(108)	-	-	-	
56			\$ 495,201	\$ 197,310	\$ 692,511	\$ 525,879	\$ 205,494	\$ 731,373	\$ 30,678	\$ 8,184	\$ 38,862	-	-	-	
58	Prudence Disallowance				(2,743)			(2,792)			(49)				
59	Production O&M				53,357			53,989			631				
60	Net Normalized Power Costs				\$ 743,126			\$ 782,570			\$ 39,444				