

EXHIBIT NO. ____ (WJE-7HC)
DOCKET NO. UE-07 ____
2007 PSE PCORC
WITNESS: W. JAMES ELSEA

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY, INC.,

Respondent.

Docket No. UE-07 ____

**SIXTH EXHIBIT (HIGHLY CONFIDENTIAL) TO THE
PREFILED DIRECT TESTIMONY OF
W. JAMES ELSEA
ON BEHALF OF PUGET SOUND ENERGY, INC.**

**REDACTED
VERSION**

MARCH 20, 2007

Code	Fuel Type	Project Name	PSM Version	Date of Analysis	Levelized Cost \$/MWh	PV Cost of Acq. or PPA \$000	Portfolio Cost \$000	Levelized Cost w/o Transmission	Levelized Cost w/o PTC	Portfolio Cost w/o PTC	Levelized Cost w/o Imputed Debt	Portfolio Benefit (Cost)	Portfolio Benefit (Cost) per \$ Project Cost
503-a	C	Coal #1	PSM 8.1 v0	3/13/2006	XX.XX	\$ 3,679,677.00	\$ 10,830,393.00	XX.XX	XX.XX	\$ 10,830,393.00	XX.XX	\$ 493,916.00	0.134
528a	C	Coal #10	PSM 8.1 v0	3/27/2006	XX.XX	\$ 2,131,570.00	\$ 11,214,945.00	XX.XX	XX.XX	\$ 11,214,945.00	XX.XX	\$ 109,363.00	0.051
528b	C	Coal #11	PSM 8.1 v0	3/27/2006	XX.XX	\$ 3,055,244.00	\$ 12,225,766.00	XX.XX	XX.XX	\$ 12,225,766.00	XX.XX	\$ (901,458.00)	-0.295
528c	C	Coal #12	PSM 8.1 v0	3/27/2006	XX.XX	\$ 2,913,767.00	\$ 12,084,288.00	XX.XX	XX.XX	\$ 12,084,288.00	XX.XX	\$ (759,980.00)	-0.261
528d	C	Coal #13	N/A - No significant difference from #528B									\$ 11,324,308.00	0
528e	C	Coal #14	N/A - No significant difference from #528C									\$ 11,324,308.00	0
523-A	C	Coal #7	PSM 8.1 v0	3/27/2006	XX.XX	\$ 2,232,980.00	\$ 11,018,783.00	XX.XX	XX.XX	\$ 11,018,783.00	XX.XX	\$ 305,525.00	0.137
523-B	C	Coal #8	PSM 8.1 v0	3/27/2006	XX.XX	\$ 2,974,091.00	\$ 11,865,855.00	XX.XX	XX.XX	\$ 11,865,855.00	XX.XX	\$ (541,546.00)	-0.182
523-C	C	Coal #9	PSM 8.1 v0	3/27/2006	XX.XX	\$ 2,844,134.00	\$ 11,735,897.00	XX.XX	XX.XX	\$ 11,735,897.00	XX.XX	\$ (411,589.00)	-0.145
506-a	C	Coal #2	PSM 8.1 v0	3/9/2006	XX.XX	\$ 1,587,145.00	\$ 11,106,780.00	XX.XX	XX.XX	\$ 11,106,780.00	XX.XX	\$ 217,528.00	0.137
506-b	C	Coal #3	PSM 8.1 v0	3/9/2006	XX.XX	\$ 1,650,349.00	\$ 11,197,604.00	XX.XX	XX.XX	\$ 11,197,604.00	XX.XX	\$ 126,704.00	0.077
520a	C	Coal #4	PSM 8.1 v0	3/28/2006	XX.XX	\$ 754,131.00	\$ 11,282,322.00	XX.XX	XX.XX	\$ 11,282,322.00	XX.XX	\$ 41,986.00	0.056
520b	C	Coal #5	PSM 8.1 v0	3/28/2006	XX.XX	\$ 275,222.00	\$ 11,364,559.00	XX.XX	XX.XX	\$ 11,364,559.00	XX.XX	\$ (40,251.00)	-0.146
520c	C	Coal #6	PSM 8.1 v0	3/28/2006	XX.XX	\$ 268,349.00	\$ 11,306,431.00	XX.XX	XX.XX	\$ 11,306,431.00	XX.XX	\$ 17,877.00	0.067
545	DSM	DSM #1										\$ 11,324,308.00	0
512	G	Geothermal #1	PSM 8.1 v0	3/6/2006	XX.XX	\$ 272,828.00	\$ 11,367,995.00	XX.XX	XX.XX	\$ 11,367,995.00	XX.XX	\$ (43,687.00)	-0.16
547A	G	Geothermal #2	PSM 8.1 v0	4/4/2006	XX.XX	\$ 71,268.00	\$ 11,319,150.00	XX.XX	XX.XX	\$ 11,319,150.00	XX.XX	\$ 5,158.00	0.072
547B	G	Geothermal #3	PSM 8.1 v0	4/4/2006	XX.XX	\$ 72,627.00	\$ 11,320,508.00	XX.XX	XX.XX	\$ 11,320,508.00	XX.XX	\$ 3,800.00	0.052
547C	G	Geothermal #4	PSM 8.1 v0	4/4/2006	XX.XX	\$ 73,547.00	\$ 11,321,429.00	XX.XX	XX.XX	\$ 11,321,429.00	XX.XX	\$ 2,879.00	0.039
547D	G	Geothermal #5	PSM 8.1 v0	4/4/2006	XX.XX	\$ 69,267.00	\$ 11,317,148.00	XX.XX	XX.XX	\$ 11,317,148.00	XX.XX	\$ 7,160.00	0.103
547E	G	Geothermal #6	PSM 8.1 v0	4/4/2006	XX.XX	\$ 70,625.00	\$ 11,318,506.00	XX.XX	XX.XX	\$ 11,318,506.00	XX.XX	\$ 5,802.00	0.082
547F	G	Geothermal #7	PSM 8.1 v0	4/4/2006	XX.XX	\$ 71,545.00	\$ 11,319,427.00	XX.XX	XX.XX	\$ 11,319,427.00	XX.XX	\$ 4,881.00	0.068
536A	H	Hydroelectric #3	Included in #539									\$ 11,324,308.00	0
536B	H	Hydroelectric #4	PPA not analyzed in stage 1 due to low credit and lack of confidence in PPA price accuracy									\$ 11,324,308.00	0

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538A	H	Hydroelectric #7	Included in #539									\$ 11,324,308.00	0
538B	H	Hydroelectric #8	PPA not analyzed in stage 1 due to low credit and lack of confidence in PPA price accuracy									\$ 11,324,308.00	0
533	H	Hydroelectric #1	PSM 8.1 v0	3/7/2006	XX.XX	\$ 49,283.00	\$ 11,325,323.00	XX.XX	XX.XX	\$ 11,325,323.00	XX.XX	\$ (1,015.00)	-0.021
532	H	Hydroelectric #2	PSM 8.1 v0	3/7/2006	XX.XX	\$ 62,532.00	\$ 11,327,777.00	XX.XX	XX.XX	\$ 11,327,777.00	XX.XX	\$ (3,469.00)	-0.055
537A	H	Hydroelectric #5	Included in #539									\$ 11,324,308.00	0
537B	H	Hydroelectric #6	PPA not analyzed in stage 1 due to low credit and lack of confidence in PPA price accuracy									\$ 11,324,308.00	0
539A - i	H	Hydroelectric #9	PSM 8.1 v0	4/3/2006	XX.XX	\$ 215,161.00	\$ 11,289,366.00	XX.XX	XX.XX	\$ 11,289,366.00	XX.XX	\$ 34,942.00	0.162
539A -ii	H	Hydroelectric #10	PSM 8.1 v0	4/3/2006	XX.XX	\$ 215,163.00	\$ 11,257,717.00	XX.XX	XX.XX	\$ 11,257,717.00	XX.XX	\$ 66,591.00	0.309
539A -iii	H	Hydroelectric #11	PSM 8.1 v0	4/3/2006	XX.XX	\$ 215,163.00	\$ 11,178,894.00	XX.XX	XX.XX	\$ 11,178,894.00	XX.XX	\$ 145,414.00	0.676
	H	Hydroelectric #12	v4	2/24/2006	XX.XX		\$ 11,122,277.00					\$ 202,032.00	0
	H	Hydroelectric #13	v4	2/24/2006	XX.XX		\$ 11,130,766.00					\$ 193,542.00	0
	H	Hydroelectric # 14	v4	2/24/2006	XX.XX		\$ 11,084,100.00					\$ 240,208.00	0
539B	H	Hydroelectric #15	Included in #539									\$ 11,324,308.00	0
543-a	IGCC	Hydroelectric #15	PSM 8.1 v0	3/28/2006	XX.XX	\$ 1,252,016.00	\$ 11,542,050.00	XX.XX	XX.XX	\$ 11,542,050.00	XX.XX	\$ (217,742.00)	-0.174
543-b	IGCC	Hydroelectric #16	N/A Insufficient Information									\$ 11,324,308.00	0
540	LFG	Landfill Gas #1	PSM 8.1 v0	4/21/2006	XX.XX	\$ 26,037.00	\$ 11,326,892.00	XX.XX	XX.XX	\$ 11,326,892.00	XX.XX	\$ (2,584.00)	-0.099
504	NG	Natural Gas #10	PSM 8.1 v0	3/28/2006	XX.XX	\$ 16,060.00	\$ 11,317,781.00					\$ 6,527.00	0.406
510	NG	Natural Gas #16	PSM 8.1 v0	3/15/2006	XX.XX	\$ 73,837.00	\$ 11,316,470.00					\$ 7,838.00	0.106
526a	NG	Natural Gas #27	PSM 8.1 v0	4/11/2006 Elsea	XX.XX	\$ 733,770.00	\$ 11,220,034.00					\$ 104,275.00	0.142
526b	NG	Natural Gas #28	PSM 8.1 v0	3/15/2006	XX.XX	\$ 332,191.00	\$ 11,328,110.00					\$ (3,802.00)	-0.011
526c	NG	Natural Gas #29	PSM 8.1 v0	3/7/2006	XX.XX	\$ 662,276.00	\$ 11,297,966.00	XX.XX	XX.XX	\$ 11,297,966.00	XX.XX	\$ 26,342.00	0.04
526d	NG	Natural Gas #30	N/A - Ownership not a parallel option with 10-yr PPA									\$ 11,324,308.00	0
505-a	NG	Natural Gas #11	PSM 8.1 v0	4/4/2006	XX.XX	\$ 2,141,515.00	\$ 11,104,696.00					\$ 219,613.00	0.103
505-b	NG	Natural Gas #12										\$ 11,324,308.00	0

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500-a	NG	Natural Gas #1	PSM 8.1 v0	4/4/2006	XX.XX	\$ 1,926,395.00	\$ 11,194,763.00					\$ 129,545.00	0.067
500-b	NG	Natural Gas #2	PSM 8.1 v0	4/4/2006	XX.XX	\$ 2,271,886.00	\$ 10,970,344.00					\$ 353,965.00	0.156
503-b	NG	Natural Gas #9	PSM 8.1 v0	4/4/2006	XX.XX	\$ 2,485,043.00	\$ 11,051,266.00					\$ 273,042.00	0.11
501a1	NG	Natural Gas #3	PSM 8.1 v0	4/11/2006 Elsea	XX.XX	\$ 564,766.00	\$ 11,170,450.00					\$ 153,858.00	0.272
501a2	NG	Natural Gas #4	PSM 8.1 v0	4/13/2006 Elsea	XX.XX	\$ 549,877.00	\$ 11,155,561.00					\$ 168,747.00	0.307
501b	NG	Natural Gas #5	N/A - Fixed price purchase option withdrawn									\$ 11,324,308.00	0
501bi	NG	Natural Gas #6	N/A - Fixed price purchase option withdrawn									\$ 11,324,308.00	0
501c	NG	Natural Gas #7	PSM 8.1 v0	4/11/2006 Elsea	XX.XX	\$ 341,885.00	\$ 11,242,978.00					\$ 81,330.00	0.238
501d	NG	Natural Gas #8	PSM 8.1 v0	4/11/2006 Elsea	XX.XX	\$ 343,491.00	\$ 11,244,585.00					\$ 79,723.00	0.232
515-a	NG	Natural Gas #17	PSM 8.1 v0	3/7/	XX.XX	\$ 1,000,428.00	\$ 11,178,131.00	XX.XX	XX.XX	\$ 11,178,131.00	XX.XX	\$ 146,177.00	0.146
515-b	NG	Natural Gas #18										\$ 11,324,308.00	0
509-a	NG	Natural Gas #13	PSM 8.1 v0	3/15/2006	XX.XX	\$ 1,913,356.00	\$ 10,995,640.00					\$ 328,668.00	0.172
509-b	NG	Natural Gas #14	PSM 8.1 v0	3/15/2006	XX.XX	\$ 1,757,793.00	\$ 11,117,615.00					\$ 206,693.00	0.118
521	NG	Natural Gas #22	PSM 8.1 v0	3/23/2006	XX.XX	\$ 290,243.00	\$ 11,302,547.00					\$ 21,762.00	0.075
525a	NG	Natural Gas #23	PSM 8.1 v0	3/23/2006	XX.XX	\$ 836,251.00	\$ 11,126,121.00					\$ 198,188.00	0.237
525b	NG	Natural Gas #24	PSM 8.1 v0	3/7/2006	XX.XX	\$ 763,558.00	\$ 11,140,688.00	XX.XX	XX.XX	\$ 11,140,688.00	XX.XX	\$ 183,620.00	0.24
525c	NG	Natural Gas #25	PSM 8.1 v0	3/7/2006	XX.XX	\$ 655,737.00	\$ 11,289,840.00	XX.XX	XX.XX	\$ 11,289,840.00	XX.XX	\$ 34,468.00	0.053
525d	NG	Natural Gas #26	PSM 8.1 v0	3/15/2006	XX.XX	\$ 728,163.00	\$ 11,278,890.00					\$ 45,418.00	0.062
552	NG	Goldendale	PSM 8.1 v0	3/7/2006	XX.XX	\$ 948,368.00	\$ 11,083,211.00	XX.XX	XX.XX	\$ 11,083,211.00	XX.XX	\$ 241,097.00	0.254
552i	NG	Goldendale										\$ 11,324,308.00	0
546A	NG	Natural Gas #33	PSM 8.1 v0	3/15/2006	XX.XX	\$ 613,278.00	\$ 11,406,654.00					\$ (82,346.00)	-0.134
546B	NG	Natural Gas #34	PSM 8.1 v0	3/15/2006	XX.XX	\$ 1,016,268.00	\$ 11,170,113.00					\$ 154,195.00	0.152
542	NG	Natural Gas #32	PSM 8.1 v0	3/15/2006	XX.XX	\$ 342,519.00	\$ 11,324,067.00					\$ 241.00	0.001
517	NG	Natural Gas #20	PSM 8.1 v0	4/4/2006	XX.XX	\$ 175,296.00	\$ 11,320,553.00					\$ 3,755.00	0.021

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519	NG	Natural Gas #21										\$ 11,324,308.00	0
516	NG	Natural Gas #19	PSM 8.1 v0	3/21/2006	XX.XX	\$ 704,027.00	\$ 11,152,679.00					\$ 171,629.00	0.244
541	NG	Natural Gas #31	PSM 8.1 v0	3/23/2006	XX.XX	\$ 317,695.00	\$ 11,330,883.00					\$ (6,575.00)	-0.021
509-c	NG/ W	Natural Gas #15	PSM 8-1v0	4/21/2006	XX.XX	\$ 2,115,300.00	\$ 10,992,601.00					\$ 331,707.00	0.157
0	W	REFERENCE - Wild Horse	PSM 8.1 v0	3/7/2006	XX.XX	\$ 367,346.00	\$ 11,171,408.00	XX.XX	XX.XX	\$ 11,309,355.00	XX.XX	\$ 152,900.00	0.416
503-c	W	Wind #3	PSM 8.1 v0	3/27/2006	XX.XX	\$ 3,924,390.00	\$ 10,874,373.00	XX.XX	XX.XX	\$ 10,874,373.00	XX.XX	\$ 449,935.00	0.115
503-d	W	Wind #4	PSM 8.1 v0	3/27/2006	XX.XX	\$ 244,713.00	\$ 11,358,654.00	XX.XX	XX.XX	\$ 11,358,654.00	XX.XX	\$ (34,346.00)	-0.14
502-b	W	Wind #2	PSM 8.1 v0	3/29/2006	XX.XX	\$ 253,728.00	\$ 11,307,865.00	XX.XX	XX.XX	\$ 11,347,457.00	XX.XX	\$ 16,443.00	0.065
502-a	W	Wind #1	PSM 8.1 v0	3/29/2006	XX.XX	\$ 344,069.00	\$ 11,327,427.00	XX.XX	XX.XX	\$ 11,327,427.00	XX.XX	\$ (3,119.00)	-0.009
514	W	Wind #7	PSM 8.1 v0	3/29/2006	XX.XX	\$ 256,013.00	\$ 11,330,627.00	XX.XX	XX.XX	\$ 11,370,933.00	XX.XX	\$ (6,319.00)	-0.025
524-A	W	Wind #9	PSM 8.1 v0	3/29/2006	XX.XX	\$ 245,470.00	\$ 11,302,759.00	XX.XX	XX.XX	\$ 11,302,759.00	XX.XX	\$ 21,549.00	0.088
524-B	W	Wind #10	PSM 8.1 v0	3/29/2006	XX.XX	\$ 242,952.00	\$ 11,300,240.00	XX.XX	XX.XX	\$ 11,300,240.00	XX.XX	\$ 24,068.00	0.099
524-C	W	Wind #11	PSM 8.1 v0	3/29/2006	XX.XX	\$ 242,572.00	\$ 11,299,861.00	XX.XX	XX.XX	\$ 11,299,861.00	XX.XX	\$ 24,447.00	0.101
530-A	W	Wind #12	PSM 8.1 v0	3/28/2006	XX.XX	\$ 575,113.00	\$ 11,303,317.00	XX.XX	XX.XX	\$ 11,401,899.00	XX.XX	\$ 20,991.00	0.036
530-B	W	Wind #13	PSM 8.1 v0	3/28/2006	XX.XX	\$ 525,140.00	\$ 11,261,963.00	XX.XX	XX.XX	\$ 11,261,963.00	XX.XX	\$ 62,345.00	0.119
518	W	Wind #8	N/A - Proposal is development only. Any comparison to more mature projects would be an analysis of our assumptions, not of this proposal.									\$ 11,324,308.00	0
550	W	Wind #17	PSM 8.1 v0	4/3/2006	XX.XX	\$ 222,488.00	\$ 11,323,009.00	XX.XX	XX.XX	\$ 11,357,526.00	XX.XX	\$ 1,299.00	0.006
553-A 40%	W	Wind #18	PSM 8.1 v0	4/14/2006	XX.XX	\$ 264,596.00	\$ 11,328,517.00	XX.XX	XX.XX	\$ 11,368,889.00	XX.XX	\$ (4,209.00)	-0.016
553-A 20%	W	Wind #19	PSM 8.1 v0	4/14/2006	XX.XX	\$ 251,139.00	\$ 11,315,060.00	XX.XX	XX.XX	\$ 11,368,889.00	XX.XX	\$ 9,248.00	0.037
553-A Full	W	Wind #20	PSM 8.1 v0	4/14/2006	XX.XX	\$ 237,682.00	\$ 11,301,603.00	XX.XX	XX.XX	\$ 11,368,889.00	XX.XX	\$ 22,705.00	0.096
553-B	W	Wind #21	PSM 8.1 v0	4/14/2006	XX.XX	\$ 251,120.00	\$ 11,315,041.00	XX.XX	XX.XX	\$ 11,315,041.00	XX.XX	\$ 9,267.00	0.037
534	W	Wind #16	PSM 8.1 v0	4/3/2006	XX.XX	\$ 429,873.00	\$ 11,305,269.00	XX.XX	XX.XX	\$ 11,339,989.00	XX.XX	\$ 19,039.00	0.044
531-A	W	Wind #14	PSM 8.1 v0	3/29/2006	XX.XX	\$ 223,170.00	\$ 11,346,414.00	XX.XX	XX.XX	\$ 11,378,353.00	XX.XX	\$ (22,106.00)	-0.099

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531-B	W	Wind #15	PSM 8.1 v0	3/29/2006	XX.XX	\$ 236,135.00	\$ 11,362,087.00	XX.XX	XX.XX	\$ 11,362,087.00	XX.XX	\$ (37,779.00)	-0.16
556	W	Wind #22	PSM 8.1 v0	4/3/2006	XX.XX	\$ 526,431.00	\$ 11,181,108.00	XX.XX	XX.XX	\$ 11,181,108.00	XX.XX	\$ 143,200.00	0.272
508-B	W	Wind #6	PSM 8.1 v0	3/31/2006	XX.XX	\$ 96,282.00	\$ 11,326,169.00	XX.XX	XX.XX	\$ 11,339,648.00	XX.XX	\$ (1,861.00)	-0.019
508a	W	Wind #5	PSM 8.1 v0	3/31/2006	XX.XX	\$ 93,074.00	\$ 11,324,122.00	XX.XX	XX.XX	\$ 11,324,122.00	XX.XX	\$ 186.00	0.002

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