ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

201 South Main, Suite 2300
Salt Lake City, Utah 84111

May 2, 2011

VIA ELECTRONIC FILING
AND OVERNIGHT DELIVERY

Utah Public Service Commission
Heber M. Wells Building, 4th Floor
160 East 300 South
Salt Lake City UT 84111

Attention: Julie P. Orchard
Commission Secretary

Re: Docket No. 06-999-03
Rocky Mountain Power's Fossil Fuel Energy Efficiency Standard Plan

On August 10, 2007, the Public Service Commission of Utah issued its Determination Concerning the PURPA Fossil Fuel Generation Efficiency Standard and adopted the PURPA Fossil Fuel Generation Efficiency Standard with a due date of March 31 each year. On November 25, 2010, the Commission modified the filing schedule to May 1 each year.

Enclosed for filing is the 2011 Rocky Mountain Power Fossil Fuel Energy Efficiency Plan Report for all coal fired plants. The report includes a heat rate improvement plan for the PacifiCorp system followed by individual plans for each coal fired plant. Heat rate improvement plans are still being developed for gas fueled plants and therefore are not included with this report. Also included is the summary of the 2010 FERC Form 1 data.

It is respectfully requested that all formal correspondence and staff requests regarding this filing be addressed to:

By e-mail (preferred): datarequest@pacificorp.com

By regular mail: Data Request Response Center
PacifiCorp
825 NE Multnomah, Suite 2000
Portland, Oregon, 97232

Informal questions should be directed to Dave Taylor at (801) 220-2923.

Sincerely,

Jeffrey K. Larsen
Vice President, Regulation

cc: Division of Public Utilities
Office of Consumer Services

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Dave Johnston Plant	Gadsby Plant	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Gas - Turbine	Steam	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Conventional		
	3	Year Originally Constructed	1984	1954	1959	1951	1978	1980	1983	1978	1974	1974	1972	1963	1978		
	4	Year Last Unit was Installed	1984	1957	1972	1955	1978	1980	1983	1983	1977	1979	1972	1971	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.1	188.6	816.7	251.6	418.5	269.2	446.4	1,134.1	892.8	1,494.9	16.0	707.2	289.7	5,817.8	
	6	Net Peak Demand on Plant - MW (60 minutes)	24	182	797	233	404	259	409	1,060	863	1,415	15	692	283	5,576	
	7	Plant Hours Connected to Load	8,719	8,754	8,760	8,485	8,370	7,621	8,220	8,760	8,727	8,754	4,468	8,760	7,856		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	175	772	235	370	238	395	1,004	805	1,387	14	700	268	5,382	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	18	90	249	81	105	105	104	314	217	455	7	209	119	1,759	
	12	**Net Generation, Exclusive of Plant Use - KWh**	194,804,000	1,366,958,000	6,183,480,000	639,083,000	3,112,108,000	1,807,385,000	3,184,514,000	8,104,007,000	6,664,839,000	10,821,981,000	63,373,000	4,951,002,000	2,095,027,000	41,084,554,000	
	13	Cost of Plant: Land and Land Rights	30,974,693	956,546	10,417,291	1,020,271	9,872,987	9,872,987	9,872,987	29,618,961	2,205,422	1,199,736	635	413,248	210,526	77,017,329	
	14	Structures and Improvements	6,006,725	9,549,421	25,917,317	11,621,141	59,375,576	48,640,543	88,347,491	196,363,610	92,005,281	129,268,575	191,032	50,278,717	39,931,615	561,133,434	
	15	Equipment Costs	32,060,206	51,282,011	248,302,773	57,569,618	182,918,678	125,112,823	359,588,447	667,619,948	278,648,212	629,516,200	3,197,146	218,058,888	268594280	2,186,255,002	
	16	Asset Retirement Costs															
	17	**Total Cost**	$ 69,041,624	$ 61,787,978	$ 284,637,381	$ 70,211,030	$ 252,167,241	$ 183,626,353	$ 457,808,925	$ 893,602,519	$ 372,858,915	$ 759,984,511	$ 3,388,813	$ 268,750,853	$ 40,142,141	$2,824,405,765	
	18	Cost per KW of Installed Capacity (our share)	$ 2,645.27	$ 327.54	$ 348.51	$ 279.01	$ 602.55	$ 682.07	$ 1,025.56	$ 787.93	$ 417.63	$ 508.37	$ 211.80	$ 380.02	$ 138.58	$ 485.48	
500	19	Operation Supervision and Engineering	110,959	474,831	2,362,454	962,586	381,236	134,484	443,980	959,700	2,116,206	2,783,412	47,176	1,974,972	1,248,118	13,040,414	500
501	20	Fuel	-	9,766,561	43,642,707	17,225,265	30,833,902	17,689,177	30,605,484	79,128,563	51,015,131	116,433,297	1,736,840	60,392,238	17,805,722	397,146,324	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	320,481	1,120,685	1,936,876	1,181,130	2,114,917	883,000	2,269,180	5,267,097	2,387,130	6,060,139	-	3,135,072	1,914,440	23,323,050	502
503	23	Steam From Other Sources	3,498,961	-	-	-	-	-	-	-	-	-	-	-	-	3,498,961	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	252,298	1,017,561	2,151,554	136,863	1,242,905	467,300	1,382,834	3,093,039	1,703,559	2,108,663	465,953	1,452,891	451,225	12,833,606	505
506	26	Misc Steam (or Nuclear) Power Expenses	201,772	3,448,613	2,097,901	1,512,459	1,365,301	524,827	1,524,335	3,414,463	3,727,874	3,866,791	-	3,067,685	1,235,074	22,572,632	506
507	27	Rents	379	-	-	-	482	169	541	1,192	-	33,050	-	9,766	-	44,387	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	111,514	1,070,511	2,395,732	767,349	842,618	298,240	946,316	2,087,174	2,480,815	1,798,457	47,084	2,281,112	1,101,714	14,141,462	510
551	30	Maintenance of Structures	63,107	169,276	1,276,461	128,957	653,638	276,346	685,753	1,615,737	1,317,807	1,671,208	6,910	761,350	381,957	7,392,770	551
512	31	Maintenance of Boiler (or reactor) Plant	152,972	1,739,586	7,253,839	4,047,312	1,920,131	2,527,260	4,831,174	9,278,565	5,938,653	10,419,262	-	6,514,022	2,813,929	48,158,140	512
513	32	Maintenance of Electric Plant	99,728	447,587	2,178,121	1,250,338	311,462	610,148	340,878	1,262,488	1,567,721	1,640,795	100,855	1,842,380	754,286	11,144,299	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	134,916	231,053	1,330,134	361,313	308,614	121,729	359,117	789,460	2,870,128	2,792,808	86,602	600,211	537,379	9,734,006	514
	34	**Total Production Expenses**	$ 4,947,089	$ 19,486,264	$ 66,625,779	$ 27,573,572	$ 39,975,206	$ 23,532,680	$ 43,389,592	$ 106,897,478	$ 75,125,024	$ 149,607,882	$ 2,491,420	$ 82,031,699	$ 28,243,844	$ 563,030,051	
	35	Expenses per Net KWh	$ 0.0254	$ 0.0143	$ 0.0108	$ 0.0431	$ 0.0128	$ 0.0130	$ 0.0136	$ 0.0132	$ 0.0113	$ 0.0138		$ 0.0166	$ 0.0135	$ 0.0137	
		Total Busbar - $/MWh	$ 25.40	$ 14.26	$ 10.77	$ 43.15	$ 12.85	$ 13.02	$ 13.63	$ 13.19	$ 11.27	$ 13.82		$ 16.57	$ 13.48	$ 13.70	
		Fuel - $/MWh	$ -	$ 7.14	$ 7.06	$ 26.95	$ 9.91	$ 9.79	$ 9.61	$ 9.76	$ 7.65	$ 10.76	$ 27.41	$ 12.20	$ 8.50	$ 9.67	
		Non-fuel - $/MWh	$ 25.40	$ 7.11	$ 3.72	$ 16.19	$ 2.94	$ 3.23	$ 4.01	$ 3.43	$ 3.62	$ 3.07	$ (27.41)	$ 4.37	$ 4.98	$ 4.04	
		Variable O&M (per RDI definition) - $/MWh	$ 1.49	$ 1.42	$ 0.74	$ 3.24	$ 0.59	$ 0.65	$ 0.80	$ 0.69	$ 0.72	$ 0.61	$ 2.38	$ 0.87	$ 1.00	$ 0.81	
		Fixed O&M (RDI definition) - $/kW installed	$ 5.95	$ 5.69	$ 2.97	$ 12.95	$ 2.35	$ 2.59	$ 3.21	$ 2.74	$ 2.89	$ 2.45	$ 9.53	$ 3.50	$ 3.99	$ 3.23	
		Total O&M without Fuel	$ 1,448,128	$ 9,719,703	$ 22,983,072	$ 10,348,307	$ 9,141,304	$ 5,843,503	$ 12,784,108	$ 27,768,915	$ 24,109,893	$ 33,174,585	$ 754,580	$ 21,639,461	$ 10,438,122	$ 165,883,727	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Coal	Coal		Coal	Coal	Coal	Coal	Coal	Coal		Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Tons	Tons		Tons	Tons	Tons	Tons	Tons	Tons		Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned		630,533	4,379,803		1,455,709	819,796	1,434,398	3,709,903	2,818,109	6,006,828		2,649,148	1,564,857	21,759,181	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		11,949	7,785		11,285	11,379	11,387	11,353	11,759	9,410		9,799	7,948	9,733	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		14.002	9.216		20.353	20.353	20.353	20.353	15.374	18.945		22.286	10.977		
	41	Average Cost of Fuel per Unit Burned		15.423	9.886		21.133	21.465	21.188	21.227	18.024	19.290		22.430	11.317		
	42	Average Cost of Fuel Burned per Million BTU		0.645	0.635		0.936	0.943	0.930	0.094	0.766	1.025		1.145	0.712		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-		-	-	-	-	-	-		-	-		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)				Gas							Gas	Gas		Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)				MCF							MCF	MCF		MCF	
	38	Quantity (units) of Fuel Burned				7,440,507							975,200	116,652		8,532,359	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)				1,044							1,057	1,033		1,045	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year				2.315							1.781	7.602			
	41	Average Cost of Fuel per Unit Burned				2.315							1.781	7.602			
	42	Average Cost of Fuel Burned per Million BTU				2.218							1.686	7.360			
	43	Average Cost of Fuel Burned per KWh Net Gen				0.027							0.027	0.012			
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Oil	Oil		Oil	Oil	Oil	Oil	Oil	Oil		Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Barrels	Barrels		Barrels	Barrels	Barrels	Barrels	Barrels	Barrels		Barrels	Barrels	Barrels	
	38	Quantity (units) of Fuel Burned		1,557	12,180		2,585	3,369	7,580	13,534	7,536	20,201		3,138	3,322	61,468	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		140,000	141,000		140,000	140,000	140,000	140,000	140,000	140,000		140,000	141,000	140,252	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		25.715	28.288		26.707	26.707	26.707	26.707	27.441	26.063		26.486	28.543		
	41	Average Cost of Fuel per Unit Burned		26.902	28.364		27.417	27.374	28.232	27.863	29.334	27.773		26.976	28.843		
	42	Average Cost of Fuel Burned per Million BTU		4.575	4.790		4.663	4.655	4.801	4.739	4.989	4.723		4.588	4.870		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-		-	-	-	-	-	-		-	-		
	44	**Average BTU per KWh Net Generation**	-	11,030.06	11,040.01	12,154.74	10,562.15	10,333.56	10,272.07	10,404.31	9,950.82	10,457.17		10,514.43	11,882.73	10,535.35	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Dave Johnston Plant	Gadsby Plant	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Gas - Turbine	Steam	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Conventional		
	3	Year Originally Constructed	1984	1954	1959	1951	1978	1980	1983	1978	1974	1974	1972	1963	1978		
	4	Year Last Unit was Installed	1984	1957	1972	1955	1978	1980	1983	1983	1977	1979	1972	1971	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.1	188.6	816.8	251.6	418.5	269.2	446.4	1,134.1	892.8	1,494.9	16.0	707.2	289.7	5,817.9	
	6	Net Peak Demand on Plant - MW (60 minutes)	24	183	798	235	409	256	418	1,074	879	1,628	18	716	318	5,882	
	7	Plant Hours Connected to Load	6,243	8,736	8,760	7,781	7,735	8,578	8,634	8,760	8,709	8,760	5,765	8,758	7,911		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	175	772	235	389	250	395	1,034	805	1,387	14	700	268	5,413	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	18	85	223	46	94	94	94	282	187	426	7	196	114	1,584	
	12	**Net Generation, Exclusive of Plant Use - KWh**	139,742,000	1,352,883,000	5,956,956,000	637,451,000	2,888,717,000	2,054,693,000	3,380,858,000	8,324,268,000	6,810,471,000	10,367,115,000	81,285,000	4,772,109,000	2,008,284,000	40,450,564,000	
	13	Cost of Plant: Land and Land Rights	31,026,429	956,546	10,417,291	1,020,271	9,872,826	9,872,826	9,872,826	29,618,478	2,205,422	1,199,736	635	499,478	210,526	77,154,812	
	14	Structures and Improvements	6,191,502	9,793,071	29,426,348	12,884,598	59,428,479	48,672,284	87,685,820	195,786,583	91,748,371	129,570,839	191,032	50,607,879	39,766,118	565,966,341	
	15	Equipment Costs	32,522,648	51,177,777	250,791,832	55,021,697	187,937,032	126,515,317	356,679,078	671,131,427	285,695,443	630,232,353	3,197,146	222,266,509	260,284,818	2,462,321,650	
	16	Asset Retirement Costs															
	17	**Total Cost**	$ 69,740,579	$ 61,927,394	$ 290,635,471	$ 68,926,566	$ 257,238,337	$ 185,060,427	$ 454,237,724	$ 896,536,488	$ 379,649,236	$ 761,002,928	$ 3,388,813	$ 273,373,866	$ 300,261,462	$3,105,442,803	
	18	Cost per KW of Installed Capacity (our share)	$ 2,672.05	$ 328.28	$ 355.84	$ 273.91	$ 614.67	$ 687.39	$ 1,017.56	$ 790.51	$ 425.23	$ 509.06	$ 211.80	$ 386.56	$ 1,036.60	$ 533.78	
500	19	Operation Supervision and Engineering	110,313	625,476	2,587,543	921,086	489,382	173,622	568,899	1,231,903	1,947,130	3,055,916	49,408	2,184,262	1,311,467	14,024,504	500
501	20	Fuel	-	9,554,517	45,163,353	16,243,850	28,902,680	20,611,914	33,147,253	82,661,847	45,803,547	114,147,043	2,412,499	57,328,318	17,667,306	390,982,280	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	336,600	1,183,685	2,167,143	1,557,768	2,363,184	932,738	2,381,681	5,687,603	2,635,755	5,520,846	-	2,955,070	2,100,570	24,145,040	502
503	23	Steam From Other Sources	3,205,843	-	-	-	-	-	-	-	-	-	-	-	-	3,205,843	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	274,631	1,136,368	2,194,646	194,375	1,312,526	507,230	1,491,724	3,311,480	2,168,167	2,062,217	630,616	1,489,330	474,851	13,936,681	505
506	26	Misc Steam (or Nuclear) Power Expenses	192,558	1,078,557	2,207,753	1,218,290	1,276,310	458,224	1,380,460	3,114,994	3,850,778	3,588,962	-	3,549,367	1,294,118	20,095,377	506
507	27	Rents	5,007	-	-	-	92	32	104	228	-	37,211	-	1,340	-	43,786	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	100,671	1,178,884	2,392,093	814,672	942,350	330,960	1,056,369	2,329,679	2,467,089	2,353,551	49,214	2,450,023	1,267,798	15,403,674	510
551	30	Maintenance of Structures	46,453	126,682	1,006,478	112,056	898,917	276,628	801,515	1,977,060	770,626	1,421,405	508	897,545	357,923	6,716,736	551
512	31	Maintenance of Boiler (or reactor) Plant	227,219	1,903,608	8,030,285	1,372,378	4,379,171	1,056,214	2,579,856	8,015,241	4,664,275	11,899,150	-	6,658,074	2,276,720	45,046,950	512
513	32	Maintenance of Electric Plant	283,945	479,514	1,362,909	584,135	777,246	140,111	320,450	1,237,807	1,043,540	2,464,814	56,189	2,097,844	380,970	9,991,667	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	161,723	235,320	1,505,471	808,405	605,223	191,923	610,744	1,407,890	1,773,305	2,206,936	63,233	877,452	446,229	9,485,964	514
	34	**Total Production Expenses**	$ 4,944,963	$ 17,502,611	$ 68,617,674	$ 23,827,015	$ 41,947,081	$ 24,679,596	$ 44,349,055	$ 110,975,732	$ 67,124,212	$ 148,758,051	$ 3,261,667	$ 80,488,625	$ 27,577,952	$ 553,078,502	
	35	Expenses per Net KWh	$ 0.0354	$ 0.0129	$ 0.0115	$ 0.0374	$ 0.0145	$ 0.0120	$ 0.0131	$ 0.0133	$ 0.0099	$ 0.0143		$ 0.0169	$ 0.0137	$ 0.0137	
		Total Busbar - $/MWh	$ 35.39	$ 12.94	$ 11.52	$ 37.38	$ 14.52	$ 12.01	$ 13.12	$ 13.33	$ 9.86	$ 14.35		$ 16.87	$ 13.73	$ 13.67	
		Fuel - $/MWh	$ -	$ 7.06	$ 7.58	$ 25.48	$ 10.01	$ 10.03	$ 9.80	$ 9.93	$ 6.73	$ 11.01	$ 29.68	$ 12.01	$ 8.80	$ 9.67	
		Non-fuel - $/MWh	$ 35.39	$ 5.87	$ 3.94	$ 11.90	$ 4.52	$ 1.98	$ 3.31	$ 3.40	$ 3.13	$ 3.34	$ (29.68)	$ 4.85	$ 4.93	$ 4.01	
		Variable O&M (per RDI definition) - $/MWh	$ 2.48	$ 1.17	$ 0.79	$ 2.38	$ 0.90	$ 0.40	$ 0.66	$ 0.68	$ 0.63	$ 0.67	$ 2.09	$ 0.97	$ 0.99	$ 0.80	
		Fixed O&M (RDI definition) - $/kW installed	$ 9.96	$ 4.70	$ 3.15	$ 9.52	$ 3.61	$ 1.58	$ 2.65	$ 2.72	$ 2.50	$ 2.67	$ 8.36	$ 3.88	$ 3.95	$ 3.21	
		Total O&M without Fuel	$ 1,739,120	$ 7,948,094	$ 23,454,321	$ 7,583,165	$ 13,044,401	$ 4,067,682	$ 11,201,802	$ 28,313,885	$ 21,320,665	$ 34,611,008	$ 849,168	$ 23,160,307	$ 9,910,646	$ 162,096,222	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Coal	Coal		Coal	Coal	Coal	Coal	Coal	Coal		Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Tons	Tons		Tons	Tons	Tons	Tons	Tons	Tons		Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned		633,123	4,256,572		1,356,256	954,175	1,542,322	3,852,753	2,912,250	5,841,050		2,547,318	1,507,834	21,550,900	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		12,070	7,726		11,479	11,436	11,407	11,440	11,846	9,396		9,810	7,914	9,786	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		13.899	9.765		20.780	20.780	20.780	20.780	14.937	19.276		21.753	11.155		
	41	Average Cost of Fuel per Unit Burned		15.035	10.549		21.250	21.568	21.340	21.365	15.621	19.439		21.892	11.628		
	42	Average Cost of Fuel Burned per Million BTU		0.623	0.683		0.926	0.943	0.935	0.934	0.659	1.034		1.116	0.735		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-		-	-	-	-	-	-		-	-		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)				Gas							Gas	Gas		Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)				MCF							MCF	MCF		MCF	
	38	Quantity (units) of Fuel Burned				7,127,720							1,352,646	128,467		8,608,833	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)				1,055							1,053	1,043		1,055	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year				2.279							1.784	12.151			
	41	Average Cost of Fuel per Unit Burned				2.279							1.784	12.151			
	42	Average Cost of Fuel Burned per Million BTU				2.159							1.695	11.652			
	43	Average Cost of Fuel Burned per KWh Net Gen				0.026							0.030	0.012			
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Oil	Oil		Oil	Oil	Oil	Oil	Oil	Oil		Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Barrels	Barrels		Barrels	Barrels	Barrels	Barrels	Barrels	Barrels		Barrels	Barrels	Barrels	
	38	Quantity (units) of Fuel Burned		1,581	10,497		2,974	1,141	8,246	12,361	11,202	23,036		77	4,899	63,653	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		140,000	140,000		140,000	140,000	140,000	140,000	140,000	140,000		140,000	140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		23.546	23.451		28.681	28.681	28.681	28.681	28.208	25.436		-	23.887		
	41	Average Cost of Fuel per Unit Burned		22.293	24.824		27.810	28.537	28.353	28.240	27.764	26.260		29.218	27.452		
	42	Average Cost of Fuel Burned per Million BTU		3.791	4.222		4.730	4.853	4.822	4.803	4.722	4.466		4.969	4.669		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-		-	-	-	-	-	-		-	-		
	44	**Average BTU per KWh Net Generation**	-	11,303.92	11,051.66	11,796.58	10,784.86	10,624.75	10,421.92	10,598.37	10,140.69	10,600.87		10,501.19	11,898.12	10,661.46	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Dave Johnston Plant	Gadsby Plant	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Gas - Turbine	Steam	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Conventional		
	3	Year Originally Constructed	1984	1954	1959	1951	1978	1980	1983	1978	1974	1974	1972	1963	1978		
	4	Year Last Unit was Installed	1984	1957	1972	1955	1978	1980	1983	1983	1977	1979	1972	1971	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.1	188.6	816.8	251.6	418.5	269.2	446.4	1,134.1	892.8	1,494.9	16.0	707.2	289.7	5,817.9	
	6	Net Peak Demand on Plant - MW (60 minutes)	24	189	801	234	405	310	418	1,124	841	1,430	16	712	280	5,660	
	7	Plant Hours Connected to Load	8,586	8,784	8,784	1,986	8,436	8,534	8,218	8,784	8,708	8,782	7,289	8,784	8,595		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	175	772	235	389	250	405	1,044	845	1,387	14	700	268	5,463	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	16	79	214	39	89	88	89	266	184	413	6	186	105	1,508	
	12	**Net Generation, Exclusive of Plant Use - KWh**	191,912,000	1,411,250,000	5,958,080,000	155,593,000	3,011,143,000	1,924,874,000	3,150,037,000	8,086,054,000	6,408,968,000	9,908,635,000	-	5,080,911,000	2,276,898,000	39,478,301,000	
	13	Cost of Plant: Land and Land Rights	31,026,429	956,546	10,417,291	1,020,271	9,870,408	9,870,408	9,870,407	29,611,223	2,205,422	1,199,736	635	544,478	210,526	77,192,557	
	14	Structures and Improvements	6,082,870	10,175,036	29,833,785	13,090,439	59,529,880	48,754,739	87,911,287	196,195,906	91,872,655	130,983,405	199,034	49,690,448	40,339,656	568,463,234	
	15	Equipment Costs	32,521,846	52,047,167	257,901,375	55,609,481	188,864,939	126,993,854	356,591,359	672,450,152	286,551,764	636,298,133	3,268,330	229,917,653	259,920,145	2,486,486,046	
	16	Asset Retirement Costs															
	17	**Total Cost**	$ 69,631,145	$ 63,178,749	$ 298,152,451	$ 69,720,191	$ 258,265,227	$ 185,619,001	$ 454,373,053	$ 898,257,281	$ 380,629,841	$ 768,481,274	$ 3,467,999	$ 280,152,579	$ 300,470,327	$3,132,141,837	
	18	Cost per KW of Installed Capacity (our share)	$ 2,667.86	$ 334.92	$ 365.04	$ 277.06	$ 617.12	$ 689.47	$ 1,017.86	$ 792.03	$ 426.33	$ 514.06	$ 216.75	$ 396.14	$ 1,037.32	$ 538.37	
500	19	Operation Supervision and Engineering	71,142	551,050	2,386,093	416,663	467,775	166,019	540,211	1,174,005	1,561,503	2,513,896	-	2,098,073	1,092,742	11,865,167	500
501	20	Fuel	-	9,704,582	38,957,090	4,467,945	30,076,106	19,438,304	30,115,113	79,629,523	48,801,875	104,186,272	-	62,249,237	20,187,717	368,184,241	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	308,743	1,046,152	2,255,325	812,534	2,417,990	962,664	2,396,751	5,777,405	2,805,105	5,453,312	-	2,785,240	2,019,373	23,263,189	502
503	23	Steam From Other Sources	3,595,449	-	-	-	-	-	-	-	-	-	-	-	-	3,595,449	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	292,155	909,669	2,212,657	18,896	1,152,038	425,852	1,280,149	2,858,039	2,189,069	2,022,707	-	1,511,162	462,404	12,476,758	505
506	26	Misc Steam (or Nuclear) Power Expenses	260,132	1,232,767	2,205,592	680,792	1,223,236	436,896	1,363,398	3,023,530	3,134,911	4,677,411	-	3,603,168	1,536,537	20,354,840	506
507	27	Rents	4,810	-	-	-	340	119	380	839	-	35,811	-	2,517	-	43,977	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	66,678	658,119	1,697,226	450,700	801,370	280,435	896,926	1,978,731	1,862,238	2,153,971	-	2,532,541	1,097,123	12,497,327	510
551	30	Maintenance of Structures	39,328	130,604	998,331	77,490	507,423	204,642	713,254	1,425,319	675,371	1,515,399	-	502,468	299,774	5,664,084	551
512	31	Maintenance of Boiler (or reactor) Plant	190,190	2,152,015	6,872,868	791,733	2,101,964	1,101,666	3,267,400	6,471,030	4,819,520	11,575,790	-	6,157,648	2,318,811	41,349,605	512
513	32	Maintenance of Electric Plant	113,485	382,693	1,157,984	498,429	324,834	169,207	645,340	1,139,381	813,378	2,150,784	-	2,087,181	321,539	8,664,854	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	163,324	576,172	2,061,391	301,477	953,267	342,871	1,068,164	2,364,302	2,562,407	2,500,980	-	1,484,122	777,582	12,791,757	514
	34	**Total Production Expenses**	$ 5,105,436	$ 17,343,823	$ 60,804,557	$ 8,516,659	$ 40,026,343	$ 23,528,675	$ 42,287,086	$ 105,842,104	$ 69,225,377	$ 138,786,333	$ -	$ 85,013,357	$ 30,113,602	$ 520,751,248	
	35	Expenses per Net KWh	$ 0.0266	$ 0.0123	$ 0.0102	$ 0.0547	$ 0.0133	$ 0.0122	$ 0.0134	$ 0.0131	$ 0.0108	$ 0.0140		$ 0.0167	$ 0.0132	$ 0.0132	
		Total Busbar - $/MWh	$ 26.60	$ 12.29	$ 10.21	$ 54.74	$ 13.29	$ 12.22	$ 13.42	$ 13.09	$ 10.80	$ 14.01		$ 16.73	$ 13.23	$ 13.19	
		Fuel - $/MWh	$ -	$ 6.88	$ 6.54	$ 28.72	$ 9.99	$ 10.10	$ 9.56	$ 9.85	$ 7.61	$ 10.51		$ 12.25	$ 8.87	$ 9.33	
		Non-fuel - $/MWh	$ 26.60	$ 5.41	$ 3.67	$ 26.02	$ 3.30	$ 2.13	$ 3.86	$ 3.24	$ 3.19	$ 3.49	$ -	$ 4.48	$ 4.36	$ 3.86	
		Variable O&M (per RDI definition) - $/MWh	$ 1.57	$ 1.08	$ 0.73	$ 5.20	$ 0.66	$ 0.42	$ 0.77	$ 0.65	$ 0.64	$ 0.70		$ 0.90	$ 0.87	$ 0.77	
		Fixed O&M (RDI definition) - $/kW installed	$ 6.30	$ 4.33	$ 2.93	$ 20.82	$ 2.64	$ 1.70	$ 3.09	$ 2.59	$ 2.55	$ 2.79	#DIV/0!	$ 3.58	$ 3.49	$ 3.09	
		Total O&M without Fuel	$ 1,509,987	$ 7,639,241	$ 21,847,467	$ 4,048,714	$ 9,950,237	$ 4,090,371	$ 12,171,973	$ 26,212,581	$ 20,423,502	$ 34,600,061	$ -	$ 22,764,120	$ 9,925,885	$ 152,567,007	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Coal	Coal		Coal	Coal	Coal	Coal	Coal	Coal		Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Tons	Tons		Tons	Tons	Tons	Tons	Tons	Tons		Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned		657,283	4,191,858		1,388,292	882,975	1,382,719	3,653,986	2,904,681	5,646,956		2,609,994	1,701,429	21,366,187	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		12,104	7,769		11,575	11,465	11,367	11,470	11,534	9,293		9,969	7,976	9,735	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		13.681	8.672		21.128	21.128	21.128	21.128	14.823	17.802		23.240	11.330		
	41	Average Cost of Fuel per Unit Burned		14.682	9.196		21.603	21.985	21.571	21.683	16.678	18.332		23.344	11.785		
	42	Average Cost of Fuel Burned per Million BTU		0.607	0.592		0.933	0.959	0.949	0.945	0.723	0.986		1.171	0.739		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-		-	-	-	-	-	-		-	-		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)				Gas								Gas		Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)				MCF								MCF		MCF	
	38	Quantity (units) of Fuel Burned				1,984,906								87,050		2,071,956	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)				1,021								1,040		1,022	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year				2.251								15.181			
	41	Average Cost of Fuel per Unit Burned				2.251								15.181			
	42	Average Cost of Fuel Burned per Million BTU				2.205								14.593			
	43	Average Cost of Fuel Burned per KWh Net Gen				0.029								0.012			
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Oil	Oil		Oil	Oil	Oil	Oil	Oil	Oil			Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Barrels	Barrels		Barrels	Barrels	Barrels	Barrels	Barrels	Barrels			Barrels	Barrels	
	38	Quantity (units) of Fuel Burned		1,681	13,761		2,700	856	9,686	13,242	11,125	22,377			4,860	67,046	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		140,000	140,000		140,000	140,000	140,000	140,000	140,000	140,000			140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		35.338	30.895		31.280	31.280	31.280	31.280	32.357	33.993			31.658		
	41	Average Cost of Fuel per Unit Burned		32.282	29.789		31.314	30.220	29.740	30.092	32.034	30.084			27.165		
	42	Average Cost of Fuel Burned per Million BTU		5.491	5.066		5.326	5.140	5.058	5.118	5.448	5.116			4.620		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-		-	-	-	-	-	-			-		
	44	**Average BTU per KWh Net Generation**	-	11,281.77	10,945.47	13,024.94	10,678.61	10,521.03	9,997.24	10,375.93	10,465.12	10,605.49		10,259.69	11,932.80	10,601.14	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Dave Johnston Plant	Gadsby Plant	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Gas - Turbine	Steam	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Conventional		
	3	Year Originally Constructed	1984	1954	1959	1951	1978	1980	1983	1978	1974	1974	1972	1963	1978		
	4	Year Last Unit was Installed	1984	1957	1972	1955	1978	1980	1983	1983	1977	1979	1972	1971	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.1	188.6	816.8	251.6	418.5	269.2	446.4	1,134.1	892.8	1,518.0	16.0	707.2	289.7	5,840.9	
	6	Net Peak Demand on Plant - MW (60 minutes)	24	184	807	225	400	336	421	1,245	857	1,555	16	726	338	5,889	
	7	Plant Hours Connected to Load	8,457	8,760	8,760	1,644	8,195	7,423	8,237	8,745	8,760	8,760	5,467	8,760	8,552		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	175	772	235	389	250	405	1,044	845	1,387	14	700	268	5,463	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	17	77	213	34	87	87	87	261	182	395	6	187	99	1,471	
	12	**Net Generation, Exclusive of Plant Use - KWh**	168,518,000	1,405,087,000	5,983,492,000	181,486,000	2,877,739,000	1,622,550,000	3,217,046,000	7,717,335,000	6,142,165,000	9,786,354,000	-	5,089,288,000	2,299,922,000	38,773,647,000	
	13	Cost of Plant: Land and Land Rights	31,026,429	956,547	10,417,291	1,020,271	9,868,916	9,868,917	9,868,916	29,606,749	2,205,422	1,199,736	635	544,478	210,526	77,188,084	
	14	Structures and Improvements	6,135,077	10,010,664	33,051,815	13,399,378	59,667,714	48,889,633	88,049,671	196,607,018	92,739,268	131,156,324	204,044	50,401,898	47,781,677	581,487,163	
	15	Equipment Costs	32,608,604	53,358,962	268,902,191	55,460,540	189,379,503	127,814,526	357,388,134	674,582,163	296,733,901	643,262,608	3,280,554	234,825,158	251,816,132	2,514,830,813	
	16	Asset Retirement Costs															
	17	**Total Cost**	$ 69,770,110	$ 64,326,173	$ 312,371,297	$ 69,880,189	$ 258,916,133	$ 186,573,076	$ 455,306,721	$ 900,795,930	$ 391,678,591	$ 775,618,668	$ 3,485,233	$ 285,771,534	$ 299,808,335	$3,173,506,060	
	18	Cost per KW of Installed Capacity (our share)	$ 2,673.18	$ 341.00	$ 382.45	$ 277.70	$ 618.68	$ 693.01	$ 1,019.95	$ 794.27	$ 438.71	$ 510.95	$ 217.83	$ 404.09	$ 1,035.04	$ 543.32	
500	19	Operation Supervision and Engineering	135,571	710,746	2,654,825	444,128	491,561	172,796	547,289	1,211,646	1,437,778	2,541,423	-	2,319,014	1,031,699	12,486,830	500
501	20	Fuel	-	10,049,693	39,592,819	4,326,368	28,165,475	16,587,719	30,415,127	75,168,321	42,465,129	104,933,344	-	63,347,719	20,036,823	359,920,216	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	250,277	1,060,549	2,265,354	448,370	2,238,374	847,599	2,205,456	5,291,429	2,520,241	5,121,727	-	3,386,420	2,081,439	22,425,806	502
503	23	Steam From Other Sources	3,557,608	-	-	-	-	-	-	-	-	-	-	-	-	3,557,608	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	292,165	934,879	2,148,411	21,713	1,147,296	436,183	1,145,432	2,728,911	2,142,412	2,128,672	-	1,517,228	522,694	12,437,085	505
506	26	Misc Steam (or Nuclear) Power Expenses	355,843	1,134,033	2,177,358	516,554	1,199,470	547,769	1,333,825	3,081,064	3,312,192	4,841,294	-	3,257,990	1,347,856	20,024,184	506
507	27	Rents	4,655	-	6,000	-	242	85	273	600	-	38,604	-	1,236	-	51,095	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	80,656	685,161	1,791,159	401,474	820,618	286,806	920,535	2,027,959	1,962,507	2,200,929	-	2,968,317	1,073,434	13,191,596	510
551	30	Maintenance of Structures	36,549	94,103	771,331	124,149	411,716	161,469	427,107	1,000,292	790,122	1,615,571	-	482,476	208,946	5,123,539	551
512	31	Maintenance of Boiler (or reactor) Plant	308,758	2,471,311	8,913,547	865,013	2,347,267	2,699,299	2,502,436	7,549,002	7,934,369	10,976,389	-	5,974,263	2,224,450	47,217,102	512
513	32	Maintenance of Electric Plant	88,124	394,698	1,806,021	293,079	338,746	748,568	303,116	1,390,430	1,974,702	2,339,588	-	1,603,011	324,512	10,214,165	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	228,922	617,200	1,813,835	428,600	848,434	491,705	981,749	2,321,888	2,850,661	2,240,185	-	1,100,698	804,380	12,406,369	514
	34	**Total Production Expenses**	$ 5,339,128	$ 18,152,373	$ 63,940,660	$ 7,869,448	$ 38,009,199	$ 22,979,998	$ 40,782,345	$ 101,771,542	$ 67,390,113	$ 138,977,726	$ -	$ 85,958,372	$ 29,656,233	$ 519,055,595	
	35	Expenses per Net KWh	$ 0.0317	$ 0.0129	$ 0.0107	$ 0.0434	$ 0.0132	$ 0.0142	$ 0.0127	$ 0.0132	$ 0.0110	$ 0.0142		$ 0.0169	$ 0.0129	$ 0.0134	
		Total Busbar - $/MWh	$ 31.68	$ 12.92	$ 10.69	$ 43.36	$ 13.21	$ 14.16	$ 12.68	$ 13.19	$ 10.97	$ 14.20		$ 16.89	$ 12.89	$ 13.39	
		Fuel - $/MWh	$ -	$ 7.15	$ 6.62	$ 23.84	$ 9.79	$ 10.22	$ 9.45	$ 9.74	$ 6.91	$ 10.72		$ 12.45	$ 8.71	$ 9.28	
		Non-fuel - $/MWh	$ 31.68	$ 5.77	$ 4.07	$ 19.52	$ 3.42	$ 3.94	$ 3.22	$ 3.45	$ 4.06	$ 3.48	$ -	$ 4.44	$ 4.18	$ 4.10	
		Variable O&M (per RDI definition) - $/MWh	$ 2.11	$ 1.15	$ 0.81	$ 3.90	$ 0.68	$ 0.79	$ 0.64	$ 0.69	$ 0.81	$ 0.69		$ 0.89	$ 0.84	$ 0.82	
		Fixed O&M (RDI definition) - $/kW installed	$ 8.46	$ 4.61	$ 3.26	$ 15.62	$ 2.74	$ 3.15	$ 2.58	$ 2.76	$ 3.25	$ 2.78	#DIV/0!	$ 3.55	$ 3.35	$ 3.28	
		Total O&M without Fuel	$ 1,781,520	$ 8,102,680	$ 24,347,841	$ 3,543,080	$ 9,843,724	$ 6,392,279	$ 10,367,218	$ 26,603,221	$ 24,924,984	$ 34,044,382	$ -	$ 22,610,653	$ 9,619,410	$ 159,135,379	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Coal	Coal		Coal	Coal	Coal	Coal	Coal	Coal		Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Tons	Tons		Tons	Tons	Tons	Tons	Tons	Tons		Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned		653,833	4,297,263	-	1,369,335	793,668	1,472,632	3,635,635	2,686,976	5,463,528		2,761,404	1,725,240	21,223,879	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		12,081	7,923	-	11,961	11,589	11,557	11,702	11,381	9,395		9,878	7,997	9,778	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year		14.284	8.545	-	19.716	19.716	19.716	19.716	14.742	18.877		22.310	11.212		
	41	Average Cost of Fuel per Unit Burned		15.258	9.120	-	20.468	20.776	20.477	20.539	15.678	19.117		22.632	11.555		
	42	Average Cost of Fuel Burned per Million BTU		0.632	0.576	-	0.856	0.896	0.886	0.877	0.689	1.017		1.146	0.723		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-	-	-	-	-	-	-	-		-	-		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)				Gas								Gas		Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)				MCF								MCF		MCF	
	38	Quantity (units) of Fuel Burned		-	-	2,208,315	-	-	-	-	-	-		98,005		2,306,320	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		-	-	1,032	-	-	-	-	-	-		1,041		1,032	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year		-	-	1.959	-	-	-	-	-	-		8.694			
	41	Average Cost of Fuel per Unit Burned		-	-	1.959	-	-	-	-	-	-		8.694			
	42	Average Cost of Fuel Burned per Million BTU		-	-	1.899	-	-	-	-	-	-		8.350			
	43	Average Cost of Fuel Burned per KWh Net Gen		0.007	0.007	0.024	0.010	0.010	0.010	0.010	0.007	0.011		0.012			
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Oil	Oil		Oil	Oil	Oil	Oil	Oil	Oil			Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Barrels	Barrels		Barrels	Barrels	Barrels	Barrels	Barrels	Barrels			Barrels	Barrels	
	38	Quantity (units) of Fuel Burned		2,204	12,441	-	4,204	3,062	8,008	15,274	9,929	15,876		-	3,328	59,052	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		140,000	140,000	-	140,000	140,000	140,000	140,000	140,000	140,000		-	140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year		32.641	31.699	-	32.166	32.166	32.166	32.166	33.234	31.396		-	33.335		
	41	Average Cost of Fuel per Unit Burned		33.364	32.277	-	32.815	32.245	32.510	32.541	34.077	30.633		-	30.544		
	42	Average Cost of Fuel Burned per Million BTU		5.675	5.489	-	5.581	5.484	5.529	5.534	5.795	5.210		-	5.195		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-	-	-	-	-	-	-	-		-	-		
	44	**Average BTU per KWh Net Generation**	-	11,252.59	11,392.61	12,557.34	11,391.57	11,348.58	10,595.28	11,037.26	9,967.06	10,499.62		10,739.48	12,006.08	10,774.85	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Dave Johnston Plant	Gadsby Plant	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Gas - Turbine	Steam	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Conventional		
	3	Year Originally Constructed	1984	1954	1959	1951	1978	1980	1983	1978	1974	1974	1972	1963	1978		
	4	Year Last Unit was Installed	1984	1957	1972	1955	1978	1980	1983	1983	1977	1979	1972	1971	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.1	188.6	816.8	251.6	418.5	269.2	446.4	1,134.1	892.8	1,518.0	16.0	707.2	289.7	5,840.9	
	6	Net Peak Demand on Plant - MW (60 minutes)	23	183	803	220	412	315	469	1,165	918	1,441	16	713	342	5,855	
	7	Plant Hours Connected to Load	8,047	8,714	8,760	3,607	8,342	8,610	6,281	8,760	8,704	8,760	6,718	8,760	8,551		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	175	772	235	389	250	405	1,044	845	1,387	14	700	268	5,463	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	17	77	213	34	87	87	87	261	182	395	6	187	99	1,471	
	12	**Net Generation, Exclusive of Plant Use - KWh**	160,057,000	1,288,602,000	5,928,660,000	356,380,000	2,947,052,000	2,056,767,000	2,555,684,000	7,552,503,000	6,452,895,000	10,753,560,000	-	5,223,025,000	2,289,651,000	40,012,333,000	
	13	Cost of Plant: Land and Land Rights	31,026,429	956,546	10,417,291	1,020,271	9,868,916	9,868,916	9,868,916	29,606,749	2,205,422	1,146,361	635	458,257	210,526	77,048,486	
	14	Structures and Improvements	6,135,077	10,096,817	33,357,569	13,344,556	59,906,358	56,101,560	88,151,454	197,159,302	92,955,268	131,995,200	204,044	55,258,763	47,795,340	595,302,006	
	15	Equipment Costs	32,661,259	54,524,575	272,409,025	55,805,561	189,764,690	137,002,082	381,761,003	708,527,775	310,509,301	657,258,142	3,255,627	235,546,218	252,475,574	2,582,973,057	
	16	Asset Retirement Costs															
	17	**Total Cost**	$ 69,822,765	$ 65,577,938	$ 316,183,885	$ 70,170,388	$ 259,539,964	$ 202,972,558	$ 479,781,373	$ 935,293,826	$ 405,669,991	$ 790,399,703	$ 3,460,306	$ 291,263,238	$ 300,481,440	$3,255,323,549	
	18	Cost per KW of Installed Capacity (our share)	$ 2,675.20	$ 347.64	$ 387.11	$ 278.85	$ 620.17	$ 753.93	$ 1,074.78	$ 824.69	$ 454.38	$ 520.68	$ 216.27	$ 411.85	$ 1,037.36	$ 557.33	
500	19	Operation Supervision and Engineering	76,339	641,233	2,507,502	333,383	575,567	342,741	512,641	1,134,414	1,512,788	2,271,303	-	1,974,540	1,030,346	11,778,383	500
501	20	Fuel	-	9,585,769	41,089,094	8,559,223	29,724,576	20,264,471	24,720,159	74,709,117	51,744,288	122,355,665	-	62,938,356	19,910,256	390,891,857	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	230,872	1,085,286	1,951,405	657,800	2,356,179	1,695,768	1,765,129	4,892,886	2,703,768	5,729,399	-	3,560,767	2,121,568	23,857,941	502
503	23	Steam From Other Sources	3,607,452	-	-	-	-	-	-	-	-	-	-	-	-	3,607,452	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	279,216	873,601	1,942,512	62,285	1,241,625	876,658	1,079,573	2,690,424	2,122,061	2,056,153	-	1,505,451	527,547	12,566,682	505
506	26	Misc Steam (or Nuclear) Power Expenses	363,613	1,119,281	1,857,837	579,587	1,123,121	782,994	1,420,083	2,857,306	2,531,989	4,585,966	-	3,097,370	738,291	18,200,132	506
507	27	Rents	3,900	-	2,209	-	170	118	180	396	385	(450)	-	1,236	-	7,748	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	163,362	683,602	1,596,913	358,662	738,387	513,474	780,407	1,720,751	1,796,855	1,877,569	-	1,560,212	727,742	10,797,185	510
551	30	Maintenance of Structures	28,663	138,672	721,814	77,830	423,754	326,329	570,729	1,046,474	767,934	1,239,745	-	412,418	177,516	4,885,404	551
512	31	Maintenance of Boiler (or reactor) Plant	121,650	2,343,288	7,094,033	757,688	2,351,871	1,976,289	4,097,509	7,403,436	7,264,178	8,394,122	-	5,629,938	2,659,468	42,690,034	512
513	32	Maintenance of Electric Plant	165,711	504,711	1,123,098	252,935	252,747	367,659	1,295,521	1,696,122	1,603,843	1,387,196	-	772,395	294,592	8,020,408	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	206,927	712,122	2,122,746	343,392	679,612	541,276	936,403	1,916,135	3,105,988	2,645,883	-	1,908,376	456,960	13,661,685	514
	34	**Total Production Expenses**	$ 5,247,705	$ 17,687,565	$ 62,009,163	$ 11,982,785	$ 39,467,609	$ 27,687,777	$ 37,180,334	$ 100,067,461	$ 75,154,077	$ 152,542,551	$ -	$ 83,361,059	$ 28,644,286	$ 540,964,911	
	35	Expenses per Net KWh	$ 0.0328	$ 0.0137	$ 0.0105	$ 0.0336	$ 0.0134	$ 0.0135	$ 0.0145	$ 0.0132	$ 0.0116	$ 0.0142		$ 0.0160	$ 0.0125	$ 0.0135	
		Total Busbar - $/MWh	$ 32.79	$ 13.73	$ 10.46	$ 33.62	$ 13.38	$ 13.46	$ 14.55	$ 13.25	$ 11.65	$ 14.19		$ 15.96	$ 12.51	$ 13.52	
		Fuel - $/MWh	$ -	$ 7.44	$ 6.93	$ 24.02	$ 10.09	$ 9.85	$ 9.67	$ 9.89	$ 8.02	$ 11.38		$ 12.05	$ 8.70	$ 9.77	
		Non-fuel - $/MWh	$ 32.79	$ 6.29	$ 3.53	$ 9.61	$ 3.31	$ 3.61	$ 4.88	$ 3.36	$ 3.63	$ 2.81	$ -	$ 3.91	$ 3.81	$ 3.75	
		Variable O&M (per RDI definition) - $/MWh	$ 2.04	$ 1.26	$ 0.71	$ 1.92	$ 0.66	$ 0.72	$ 0.98	$ 0.67	$ 0.73	$ 0.56		$ 0.78	$ 0.76	$ 0.75	
		Fixed O&M (RDI definition) - $/kW installed	$ 8.20	$ 5.03	$ 2.82	$ 7.69	$ 2.64	$ 2.89	$ 3.90	$ 2.69	$ 2.90	$ 2.25	#DIV/0!	$ 3.13	$ 3.05	$ 3.00	
		Total O&M without Fuel	$ 1,640,253	$ 8,101,796	$ 20,920,069	$ 3,423,562	$ 9,743,033	$ 7,423,306	$ 12,460,175	$ 25,358,344	$ 23,409,789	$ 30,186,886	$ -	$ 20,422,703	$ 8,734,030	$ 150,073,054	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Coal	Coal		Coal	Coal	Coal	Coal	Coal	Coal		Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		tons	tons		Tons	Tons	tons	tons	tons	tons		tons	tons	Tons	
	38	Quantity (units) of Fuel Burned		600,317	4,196,252		1,368,535	946,144	1,132,777	3,447,456	2,914,593	6,085,879		2,697,267	1,696,697	21,638,461	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		11,291	7,937		10,703	10,703	10,703	10,703	10,159	10,529		10,412	8,052	9,817	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		15.071	9.038		20.846	20.846	20.846	20.846	17.075	19.781		21.094	11.379		
	41	Average Cost of Fuel per Unit Burned		15.805	9.719		21.541	21.551	21.564	21.551	17.643	20.032		23.097	11.686		
	42	Average Cost of Fuel Burned per Million BTU		0.700	0.431		1.006	1.007	1.007	1.007	0.868	0.951		1.109	0.578		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-		-	-	-	-	-	-		-	-		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)				Gas								Gas		Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)				MCF								MCF		MCF	
	38	Quantity (units) of Fuel Burned				3,784,798								76,841		3,861,639	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)				1,044								1,044		1,044	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year				-								8.310			
	41	Average Cost of Fuel per Unit Burned				2.261								8.310			
	42	Average Cost of Fuel Burned per Million BTU				2.166								7.960			
	43	Average Cost of Fuel Burned per KWh Net Gen				0.025								0.012			
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Oil	Oil		Oil	Oil	Oil	Oil	Oil	Oil			Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		barrels	barrel		Barrels	Barrels	Barrels	barrel	barrel	barrel			barrel	Barrels	
	38	Quantity (units) of Fuel Burned		3,350	13,221		2,711	1,217	13,232	17,159	12,703	18,391			2,920	67,745	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		140,000	140,000		140,000	140,000	140,000	140,000	140,000	140,000			140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		25.845	22.728		24.116	24.116	24.116	24.116	24.371	16.163			25.339		
	41	Average Cost of Fuel per Unit Burned		26.479	23.196		37.679	32.339	22.169	25.340	25.288	23.660			28.191		
	42	Average Cost of Fuel Burned per Million BTU		4.503	3.945		6.408	5.500	3.770	4.310	4.301	4.024			4.794		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-		-	-	-	-	-	-			-		
	44	**Average BTU per KWh Net Generation**	-	10,535.49	11,248.59	11,087.40	9,945.80	9,850.56	9,518.40	9,784.46	9,188.65	11,927.64		10,769.26	11,941.02	10,728.20	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Dave Johnston Plant	Gadsby Plant	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Gas - Turbine	Steam	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Conventional		
	3	Year Originally Constructed	1984	1954	1959	1951	1978	1980	1983	1978	1974	1974	1972	1963	1978		
	4	Year Last Unit was Installed	1984	1957	1972	1955	1978	1980	1983	1983	1977	1979	1972	1971	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.1	188.6	816.8	251.6	418.5	269.2	446.4	1,134.1	892.8	1,518.0	16.0	707.2	289.7	5,840.9	
	6	Net Peak Demand on Plant - MW (60 minutes)	20	188	786	218	425	270	470	1,330	922	1,435	16	746	288	5,784	
	7	Plant Hours Connected to Load	8,576	8,628	8,760	4,929	7,294	8,279	7,551	8,760	8,743	8,760	4,488	8,760	8,328		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	175	772	235	389	259	460	1,108	895	1,387	14	700	268	5,577	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	17	77	213	34	87	87	87	261	182	395	6	187	99	1,471	
	12	**Net Generation, Exclusive of Plant Use - KWh**	155,529,000	1,220,255,000	5,233,793,000	363,093,000	2,723,760,000	1,995,925,000	3,311,109,000	8,030,794,000	7,131,471,000	10,605,981,000	-	4,703,429,000	2,260,895,000	39,705,240,000	
	13	Cost of Plant: Land and Land Rights	31,026,429	956,546	10,417,291	1,020,271	9,868,916	9,868,916	9,868,916	29,606,749	2,362,219	1,146,361	635	458,248	210,526	77,205,274	
	14	Structures and Improvements	6,146,555	10,180,468	45,683,536	13,626,582	58,466,585	47,661,717	91,149,801	197,278,103	93,326,993	132,069,797	204,044	55,319,778	47,801,137	601,636,993	
	15	Equipment Costs	32,731,843	60,741,030	314,425,428	56,029,499	201,940,916	136,024,852	386,525,233	724,491,000	315,483,485	653,398,776	3,254,927	253,150,338	252,847,894	2,666,554,221	
	16	Asset Retirement Costs															
	17	**Total Cost**	$ 69,904,827	$ 71,878,044	$ 370,526,255	$ 70,676,352	$ 270,276,417	$ 193,555,485	$ 487,543,950	$ 951,375,852	$ 411,172,697	$ 786,614,934	$ 3,459,606	$ 308,928,364	$ 300,859,557	$3,345,396,488	
	18	Cost per KW of Installed Capacity (our share)	$ 2,678.35	$ 381.03	$ 453.65	$ 280.86	$ 645.82	$ 718.95	$ 1,092.17	$ 838.87	$ 460.54	$ 518.19	$ 216.23	$ 436.83	$ 1,038.66	$ 572.75	
500	19	Operation Supervision and Engineering	205,986	1,933,801	3,796,217	756,785	772,351	772,351	772,351	2,317,053	2,218,245	550,541	-	2,739,124	-	14,517,752	500
501	20	Fuel	-	8,201,028	28,747,127	11,744,310	21,356,415	15,594,410	25,007,036	61,957,860	44,372,922	113,621,498	-	58,781,469	21,852,650	349,278,865	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	101,262	41,470	999,644	2,902	1,546,465	438,881	1,062,614	3,047,960	1,121,984	4,731,412	-	900,844	870,903	11,818,381	502
503	23	Steam From Other Sources	3,696,102	-	-	-	-	-	-	-	-	-	-	-	-	3,696,102	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	505
506	26	Misc Steam (or Nuclear) Power Expenses	1,138,627	4,832,262	12,788,671	2,802,020	6,626,499	6,621,934	6,411,352	19,659,785	15,498,004	14,853,345	-	6,792,776	3,732,511	82,098,001	506
507	27	Rents	-	645	120,064	2,845	15,171	15,171	15,171	45,513	3,989	160,184	-	3,311	-	336,551	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	510
551	30	Maintenance of Structures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	551
512	31	Maintenance of Boiler (or reactor) Plant	8,719	2,037,402	6,643,314	447,901	3,141,810	(3,226,177)	2,050,045	1,965,677	3,719,557	5,375,988	-	4,693,917	1,834,801	26,727,277	512
513	32	Maintenance of Electric Plant	118,182	1,558,230	1,613,689	204,877	1,178,296	93,195	455,842	1,727,333	990,995	1,703,452	-	1,527,848	399,871	9,844,477	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	143,648	59,601	2,689,642	(78,714)	968,886	596,098	694,000	2,258,984	1,172,666	6,992,080	-	(281,880)	1,149,429	14,105,456	514
	34	**Total Production Expenses**	$ 5,412,526	$ 18,664,439	$ 57,398,368	$ 15,882,926	$ 35,605,893	$ 20,905,863	$ 36,468,411	$ 92,980,165	$ 69,098,362	$ 147,988,500	$ -	$ 75,157,409	$ 29,840,165	$ 512,422,862	
	35	Expenses per Net KWh	$ 0.0348	$ 0.0153	$ 0.0110	$ 0.0437	$ 0.0131	$ 0.0105	$ 0.0110	$ 0.0116	$ 0.0097	$ 0.0140		$ 0.0160	$ 0.0132	$ 0.0129	
		Total Busbar - $/MWh	$ 34.80	$ 15.30	$ 10.97	$ 43.74	$ 13.07	$ 10.47	$ 11.01	$ 11.58	$ 9.69	$ 13.95		$ 15.98	$ 13.20	$ 12.91	
		Fuel - $/MWh	$ -	$ 6.72	$ 5.49	$ 32.35	$ 7.84	$ 7.81	$ 7.55	$ 7.72	$ 6.22	$ 10.71		$ 12.50	$ 9.67	$ 8.80	
		Non-fuel - $/MWh	$ 34.80	$ 8.57	$ 5.47	$ 11.40	$ 5.23	$ 2.66	$ 3.46	$ 3.86	$ 3.47	$ 3.24	$ -	$ 3.48	$ 3.53	$ 4.11	
		Variable O&M (per RDI definition) - $/MWh	$ 2.21	$ 1.71	$ 1.09	$ 2.28	$ 1.05	$ 0.53	$ 0.69	$ 0.77	$ 0.69	$ 0.65		$ 0.70	$ 0.71	$ 0.82	
		Fixed O&M (RDI definition) - $/kW installed	$ 8.83	$ 6.86	$ 4.38	$ 9.12	$ 4.19	$ 2.13	$ 2.77	$ 3.09	$ 2.77	$ 2.60		$ 2.79	$ 2.83	$ 3.29	
		Total O&M without Fuel	$ 1,716,424	$ 10,463,411	$ 28,651,241	$ 4,138,616	$ 14,249,478	$ 5,311,453	$ 11,461,375	$ 31,022,305	$ 24,725,440	$ 34,367,002	$ -	$ 16,375,940	$ 7,987,515	$ 163,143,997	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Coal	Coal		Coal	Coal	Coal	Coal	Coal	Coal		Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Tons	Tons		Tons	Tons	Tons	Tons	Tons	Tons		Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned		552,590	3,705,527		1,229,578	903,720	1,439,073	3,572,372	2,956,251	6,083,607		2,509,133	1,663,390	21,042,869	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		12,335	7,979		11,901	11,828	11,661	11,786	11,983	9,279		9,965	8,024	9,918	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year		14.172	7.319		16.817	16.817	16.817	16.817	15.147	18.342		23.053	11.911		
	41	Average Cost of Fuel per Unit Burned		14.615	7.423		17.261	17.196	17.183	17.213	14.937	18.584		23.169	13.054		
	42	Average Cost of Fuel Burned per Million BTU		0.602	0.465		0.725	0.727	0.737	0.730	0.623	1.001		1.163	0.814		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-		-	-	-	-	-	-		-	-		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)				Gas								Gas		Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)				MCF								MCF		MCF	
	38	Quantity (units) of Fuel Burned				4,501,029	-	-	-					168,304		4,669,333	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)				1,038	-	-	-					1,035		1,038	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year				-	-	-	-					3.850			
	41	Average Cost of Fuel per Unit Burned				2.609	-	-	-					3.850			
	42	Average Cost of Fuel Burned per Million BTU				2.514	-	-	-					3.719			
	43	Average Cost of Fuel Burned per KWh Net Gen				0.032	0.008	0.008	0.008					0.013			
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Oil	Oil		Oil	Oil	Oil	Oil	Oil	Oil			Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Barrel	Barrel		Barrel	Barrel	Barrel	Barrel	Barrel	Barrel			Barrel	Barrels	
	38	Quantity (units) of Fuel Burned		4,687	10,281		5,084	2,050	10,112	17,247	8,409	23,732			5,056	69,411	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		140,000	140,000		140,000	140,000	140,000	140,000	140,000	140,000			140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year		26.685	24.664		25.972	26.378	27.574	26.960	25.599	23.627			27.513		
	41	Average Cost of Fuel per Unit Burned		26.685	24.664		25.972	26.378	27.574	26.960	25.599	23.627			27.513		
	42	Average Cost of Fuel Burned per Million BTU		4.538	4.195		4.417	4.486	4.690	4.585	4.354	4.018			4.679		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-		-	-	0.000	-	-	-			-		
	44	**Average BTU per KWh Net Generation**	-	11,194.34	11,309.82	12,867.41	10,755.83	10,717.06	10,154.16	10,498.26	9,941.70	10,658.05		10,669.07	11,820.01	10,645.36	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Dave Johnston Plant	Gadsby Plant	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Gas - Turbine	Steam	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Conventional		
	3	Year Originally Constructed	1984	1954	1959	1951	1978	1980	1983	1978	1974	1974	1972	1963	1978		
	4	Year Last Unit was Installed	1984	1957	1972	1955	1978	1980	1983	1977	1979	1972	1972	1971	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.1	188.6	816.8	251.6	443.0	285.0	495.6	1,223.5	996.0	1,541.0	16.0	707.2	289.7	6,056.5	
	6	Net Peak Demand on Plant - MW (60 minutes)	20	190	813	227	411	261	464	1,304	905	1,438	-	717	286	5,732	
	7	Plant Hours Connected to Load	8,642	8,784	8,777	7,472	7,351	8,156	8,125	8,784	8,784	8,784	-	8,770	7,823		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	175	762	235	403	259	460	1,122	895	1,413	14	700	268	5,607	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	12	72	181	35	76	76	75	227	165	350	7	159	76	1,284	
	12	**Net Generation, Exclusive of Plant Use - KWh**	151,736,000	1,372,236,000	5,667,267,000	718,120,000	2,722,089,000	1,918,169,000	3,430,372,000	8,070,630,000	7,053,195,000	10,776,247,000	-	5,368,410,000	2,135,036,000	41,312,877,000	
	13	Cost of Plant: Land and Land Rights	31,026,429	956,546	10,417,291	1,020,271	9,868,916	9,868,916	9,868,916	29,606,749	2,364,398	1,146,361	635	458,248	210,526	77,207,453	
	14	Structures and Improvements	6,146,757	10,372,194	45,774,148	13,403,934	59,966,532	49,161,664	88,211,628	197,339,824	93,700,731	132,172,475	204,044	55,719,136	47,801,109	602,634,352	
	15	Equipment Costs	32,695,632	64,815,522	316,781,384	53,622,212	202,052,812	138,532,740	382,932,945	723,518,497	310,328,895	662,601,365	3,254,927	250,052,091	253,238,495	2,670,909,020	
	16	Asset Retirement Costs															
	17	**Total Cost**	$ 69,868,818	$ 76,144,262	$ 372,972,823	$ 68,046,417	$ 271,888,260	$ 197,563,320	$ 481,013,489	$ 950,465,070	$ 406,394,024	$ 795,920,201	$ 3,459,606	$ 306,229,475	$ 301,250,130	$3,350,750,825	
	18	Cost per KW of Installed Capacity (our share)	$ 2,676.97	$ 403.65	$ 456.64	$ 270.41	$ 613.78	$ 693.30	$ 970.63	$ 776.84	$ 408.03	$ 516.50	$ 216.23	$ 433.02	$ 1,040.01	$ 553.25	
500	19	Operation Supervision and Engineering	220,740	1,558,989	3,635,082	415,875	(39,757)	(39,714)	(39,714)	(119,185)	1,125,694	2,513,551	-	1,424,388	1,241,387	12,016,521	500
501	20	Fuel	-	9,089,823	30,161,510	35,661,055	19,713,495	14,302,133	25,240,417	59,256,046	45,525,425	118,240,371	95,969	64,675,128	20,381,980	383,087,306	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	1,855,148	-	-	-	1,855,148	
502	22	Steam Expenses	139,920	127,095	1,020,850	-	1,527,200	398,506	1,021,748	2,947,454	1,571,532	-	-	2,832,367	94,684	8,733,902	502
503	23	Steam From Other Sources	3,660,711	-	-	-	-	-	-	-	-	-	-	-	-	3,660,711	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	505
506	26	Misc Steam (or Nuclear) Power Expenses	720,145	2,935,242	7,436,300	2,083,115	774,637	766,117	895,706	2,436,461	9,284,631	14,052,911	-	7,535,889	2,484,162	48,968,855	506
507	27	Rents	-	2,133	(13,224)	-	168	168	168	504	86,716	13	-	-	-	76,142	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	510
551	30	Maintenance of Structures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	551
512	31	Maintenance of Boiler (or reactor) Plant	7,268	2,739,910	4,869,031	971,664	7,205,175	3,753,102	7,426,324	18,384,601	4,647,948	6,331,620	-	3,348,072	3,347,297	44,647,411	512
513	32	Maintenance of Electric Plant	42,039	1,343,814	1,294,272	1,093,920	495,521	200,457	406,865	1,102,843	1,084,300	1,399,120	-	497,837	1,727,806	9,585,951	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	302,704	1,009,421	6,276,128	1,093,920	122,975	22,933	131,811	277,718	2,698,665	6,451,932	-	3,602,613	1,739,998	23,453,100	514
	34	**Total Production Expenses**	$ 5,093,527	$ 18,806,427	$ 54,679,949	$ 41,319,549	$ 29,799,414	$ 19,403,702	$ 35,083,325	$ 84,286,442	$ 66,024,911	$ 150,844,666	$ 95,969	$ 83,916,294	$ 31,017,314	$ 536,085,047	
	35	Expenses per Net KWh	$ 0.0336	$ 0.0137	$ 0.0096	$ 0.0575	$ 0.0109	$ 0.0101	$ 0.0102	$ 0.0104	$ 0.0094	$ 0.0140		$ 0.0156	$ 0.0145	$ 0.0130	
		Total Busbar - $/MWh	$ 33.57	$ 13.70	$ 9.65	$ 57.54	$ 10.95	$ 10.12	$ 10.23	$ 10.44	$ 9.36	$ 14.00		$ 15.63	$ 14.53	$ 12.98	
		Fuel - $/MWh	$ -	$ 6.62	$ 5.32	$ 49.66	$ 7.24	$ 7.46	$ 7.36	$ 7.34	$ 6.45	$ 10.97		$ 12.05	$ 9.55	$ 9.27	
		Non-fuel - $/MWh	$ 33.57	$ 7.08	$ 4.33	$ 7.88	$ 3.71	$ 2.66	$ 2.87	$ 3.10	$ 2.91	$ 3.03	$ -	$ 3.58	$ 4.98	$ 3.70	
		Variable O&M (per RDI definition) - $/MWh	$ 1.89	$ 1.42	$ 0.87	$ 1.58	$ 0.74	$ 0.53	$ 0.57	$ 0.62	$ 0.58	$ 0.61		$ 0.72	$ 1.00	$ 0.74	
		Fixed O&M (RDI definition) - $/kW installed	$ 7.55	$ 5.66	$ 3.46	$ 6.30	$ 2.96	$ 2.13	$ 2.30	$ 2.48	$ 2.33	$ 2.42	#DIV/0!	$ 2.87	$ 3.99	$ 2.96	
		Total O&M without Fuel	$ 1,432,816	$ 9,716,604	$ 24,518,439	$ 5,658,494	$ 10,085,919	$ 5,101,569	$ 9,842,908	$ 25,030,396	$ 20,499,486	$ 32,604,295	$ -	$ 19,241,166	$ 10,635,334	$ 152,997,741	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Coal	Coal		Coal	Coal	Coal	Coal	Coal	Coal		Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Tons	Tons		Tons	Tons	Tons	Tons	Tons	Tons		Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned		630,164	3,864,082	-	1,189,403	860,448	1,525,118	3,574,969	3,028,902	6,021,643		2,828,964	1,577,152	21,525,876	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		12,352	8,238	-	12,137	12,031	11,883	12,003	11,909	9,262		9,890	8,052	9,990	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		15.060	7.300	-	16.540	16.540	16.540	16.540	14.340	19.049		21.265	12.566		
	41	Average Cost of Fuel per Unit Burned		14.346	7.656	-	16.411	16.506	16.309	16.390	14.695	19.498		22.026	12.820		
	42	Average Cost of Fuel Burned per Million BTU		0.581	0.465	-	0.676	0.686	0.686	0.683	0.625	1.053		1.114	0.796		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-	-	-	-	-	-	-	-		-	-		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)				Gas								Gas		Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)				MCF								MCF		MCF	
	38	Quantity (units) of Fuel Burned		-	-	8,864,139	-	-	-	-	-	-		596,148	0	9,460,287	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		-	-	1,049	-	-	-	-	-	-		1,044	0	1,049	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		-	-	-	-	-	-	-	-	-		-	-		
	41	Average Cost of Fuel per Unit Burned		-	-	4.023	-	-	-	-	-	-		3.782	-		
	42	Average Cost of Fuel Burned per Million BTU		-	-	3.835	-	-	-	-	-	-		3.622	-		
	43	Average Cost of Fuel Burned per KWh Net Gen		0.007	0.005	0.050	0.007	0.008	0.007	0.007	0.007	0.011		0.012	0.010		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Oil	Oil		Oil	Oil	Oil	Oil	Oil	Oil		Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Barrel	Barrel		Barrel	Barrel	Barrel	Barrel	Barrel	Barrel		Barrel	Barrel	Barrels	
	38	Quantity (units) of Fuel Burned		1,335	15,154	-	4,939	2,423	9,215	16,576	10,736	23,062		2,900	4,696	74,460	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		140,000	140,000	-	140,000	140,000	140,000	140,000	140,000	140,000		140,000	140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		37.102	38.066	-	39.428	41.079	39.892	39.927	38.217	35.977		38.008	34.688		
	41	Average Cost of Fuel per Unit Burned		37.102	38.066	-	39.428	41.079	39.892	39.927	38.276	35.977		38.008	34.688		
	42	Average Cost of Fuel Burned per Million BTU		6.310	6.474	-	6.706	6.986	6.784	6.790	6.510	6.119		6.464	5.899		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-	-	-	-	-	-	-	-		-	-		
	44	**Average BTU per KWh Net Generation**	-	11,350.40	11,249.46	12,948.37	10,617.07	10,801.11	10,581.98	10,645.78	10,237.28	10,363.58		10,542.48	11,908.96	10,661.45	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Dave Johnston Plant	Gadsby Plant	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Steam	Gas Turbine	Steam	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Semi-Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Conventional		
	3	Year Originally Constructed	1984	1954	1959	1951	1978	1980	1983	1978	1974	1974	1972	1963	1978		
	4	Year Last Unit was Installed	1984	1957	1972	1955	1978	1980	1983	1977	1979	1972	1972	1971	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.0	188.6	816.7	251.6	472.5	472.5	495.5	1,440.5	996.0	2,311.2	16.0	707.2	362.0	7,115.8	
	6	Net Peak Demand on Plant - MW (60 minutes)	25	181	778	224	407	267	462	1,307	898	1,430	16	724	283	5,695	
	7	Plant Hours Connected to Load	7,966	8,742	8,760	8,239	5,430	7,831	7,629	8,699	8,523	8,757	2,419	8,760	8,362		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	175	762	235	430	430	460	1,320	895	2,120	14	700	335	6,579	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	13	79	208	35	77	76	77	230	164	358	6	163	71	1,327	
	12	**Net Generation, Exclusive of Plant Use - KWh**	152,742,000	1,372,715,000	5,633,726,000	987,459,000	1,801,376,000	1,905,194,000	3,233,055,000	6,939,625,000	6,241,909,000	10,468,261,000	31,983,000	5,349,697,000	2,251,817,000	39,429,934,000	
	13	Cost of Plant: Land and Land Rights	31,026,429	956,546	10,417,291	1,020,271	9,848,778	9,848,778	9,848,778	29,546,333	2,405,337	1,146,361	635	458,248	210,526	77,187,978	
	14	Structures and Improvements	6,147,415	10,526,349	47,008,149	13,415,332	59,991,962	49,197,168	88,271,615	197,460,746	94,218,124	132,302,948	204,044	55,997,239	48,034,185	605,314,530	
	15	Equipment Costs	33,234,489	65,600,601	324,474,185	53,803,281	208,945,987	138,383,936	378,066,384	725,396,306	322,667,378	667,812,545	3,993,905	253,228,898	248,089,104	2,698,300,693	
	16	Asset Retirement Costs															
	17	**Total Cost**	$ 70,408,333	$ 77,083,496	$ 381,899,625	$ 68,238,884	$ 278,786,727	$ 197,429,882	$ 476,186,777	$ 952,403,385	$ 419,290,839	$ 801,261,854	$ 4,198,584	$ 309,684,385	$ 296,333,815	$3,380,803,201	
	18	Cost per KW of Installed Capacity (our share)	$ 2,708.01	$ 408.71	$ 467.61	$ 271.22	$ 590.02	$ 417.84	$ 961.02	$ 661.16	$ 420.97	$ 346.69	$ 262.41	$ 437.90	$ 818.60	$ 475.11	
500	19	Operation Supervision and Engineering	34,417	259,931	984,092	21,326,984	(18,085)	(18,085)	(18,085)	(54,256)	105,967	845,388	-	284,671	253,867	24,041,062	500
501	20	Fuel	-	9,289,475	39,570,522	68,988,431	17,707,583	18,121,662	30,497,486	66,326,730	45,854,963	117,207,103	1,886,021	57,855,783	19,364,310	426,343,339	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	(3,330)	18,645	201,378	864	789,248	394,708	1,000,041	2,183,997	364,619	(1,696,594)	-	2,623,956	35,975	3,729,510	502
503	23	Steam From Other Sources	3,698,736	-	-	-	-	-	-	-	-	-	-	-	-	3,698,736	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	-	-	-	-	134,952	98,707	98,707	332,366	-	166,139	407,760	-	-	906,265	505
506	26	Misc Steam (or Nuclear) Power Expenses	1,015,406	4,350,207	11,366,394	3,146,605	4,510,852	2,070,572	4,639,208	11,220,632	9,299,028	9,253,007	-	9,522,781	3,019,118	62,193,178	506
507	27	Rents	11,700	15,150	326	3,447	276	176	2,738	3,189	77,980	174,264	-	(1,644)	-	284,413	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	-	-	-	-	-	-	-	-	-	-	-	-	12,017	12,017	510
551	30	Maintenance of Structures	102,559	155,043	717,475	51,650	557,423	497,721	550,517	1,605,662	653,259	5,453,726	-	637,326	298,405	9,675,104	551
512	31	Maintenance of Boiler (or reactor) Plant	284,028	1,731,574	8,824,776	834,730	4,531,094	3,764,109	9,407,727	17,702,929	10,237,738	13,759,240	-	5,146,383	3,566,145	62,087,544	512
513	32	Maintenance of Electric Plant	731,568	516,174	2,194,480	1,244,867	112,219	1,196,241	1,456,000	2,764,460	5,570,761	3,110,095	-	968,418	380,358	17,481,181	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	256,908	1,204,483	3,291,956	528,219	61,060	116,973	134,024	312,056	2,724,202	4,528,019	-	2,430,947	1,744,037	17,020,828	514
	34	**Total Production Expenses**	$ 6,131,992	$ 17,540,682	$ 67,151,399	$ 96,125,797	$ 28,386,622	$ 26,242,784	$ 47,768,363	$ 102,397,765	$ 74,888,517	$ 152,800,387	$ 2,293,781	$ 79,468,621	$ 28,674,232	$ 627,473,177	
	35	Expenses per Net KWh	$ 0.0401	$ 0.0128	$ 0.0119	$ 0.0973	$ 0.0158	$ 0.0138	$ 0.0148	$ 0.0148	$ 0.0120	$ 0.0146		$ 0.0149	$ 0.0127	$ 0.0159	
		Total Busbar - $/MWh	$ 40.15	$ 12.78	$ 11.92	$ 97.35	$ 15.76	$ 13.77	$ 14.77	$ 14.76	$ 12.00	$ 14.60		$ 14.85	$ 12.73	$ 15.91	
		Fuel - $/MWh	$ -	$ 6.77	$ 7.02	$ 69.86	$ 9.83	$ 9.51	$ 9.43	$ 9.56	$ 7.35	$ 11.20	$ 58.97	$ 10.81	$ 8.60	$ 10.81	
		Non-fuel - $/MWh	$ 40.15	$ 6.01	$ 4.90	$ 27.48	$ 5.93	$ 4.26	$ 5.34	$ 5.20	$ 4.65	$ 3.40	$ (58.97)	$ 4.04	$ 4.13	$ 5.10	
		Variable O&M (per RDI definition) - $/MWh	$ 3.17	$ 1.20	$ 0.98	$ 5.50	$ 1.19	$ 0.85	$ 1.07	$ 1.04	$ 0.93	$ 0.68	$ 2.55	$ 0.81	$ 0.83	$ 1.02	
		Fixed O&M (RDI definition) - $/MWh	$ 12.76	$ 4.81	$ 3.92	$ 21.99	$ 4.74	$ 3.41	$ 4.27	$ 4.16	$ 3.72	$ 2.72	$ 10.20	$ 3.23	$ 3.31	$ 4.08	
		Total O&M without Fuel	$ 2,433,256	$ 8,251,207	$ 27,580,877	$ 27,137,366	$ 10,679,039	$ 8,121,122	$ 17,270,877	$ 36,071,035	$ 29,033,554	$ 35,593,284	$ 407,760	$ 21,612,838	$ 9,309,922	$ 201,129,838	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Coal	Coal		Coal	Coal	Coal	Coal	Coal	Coal		Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Tons	Tons		Tons	Tons	Tons	Tons	Tons	Tons		Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned		623,905	3,811,627		794,683	836,722	1,442,935	3,074,339	2,668,054	5,909,654		2,853,666	1,690,683	20,631,929	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		12,226	8,247		12,006	11,910	11,835	11,903	12,094	9,267		9,897	8,072	9,915	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		14.373	9.655		20.707	20.707	20.707	20.707	16.803	19.325		19.363	11.221		
	41	Average Cost of Fuel per Unit Burned		14.768	10.275		21.958	21.436	20.898	21.319	16.820	19.638		19.602	11.346		
	42	Average Cost of Fuel Burned per Million BTU		0.604	0.623		0.915	0.900	0.883	0.895	0.695	1.060		1.018	0.703		
	43	Average Cost of Fuel Burned per KWh Net Gen		0.007	0.007		0.010	0.010	0.009	0.010	0.007	0.011		0.011	0.009		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)				Gas							Gas			Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)				MCF							MCF			MCF	
	38	Quantity (units) of Fuel Burned				11,514,747							568,820			12,083,567	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)				1,053							1,053			1,053	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year				-							-				
	41	Average Cost of Fuel per Unit Burned				5.991							3.316				
	42	Average Cost of Fuel Burned per Million BTU				5.690							3.149				
	43	Average Cost of Fuel Burned per KWh Net Gen				0.070							0.059				
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		Oil	Oil		Oil	Oil	Oil	Oil	Oil	Oil		Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Barrel	Barrel		Barrel	Barrel	Barrel	Barrel	Barrel	Barrel		Barrel	Barrel	Barrels	
	38	Quantity (units) of Fuel Burned		1,822	8,944		6,082	4,406	7,629	18,117	23,213	26,049		8,326	4,382	90,853	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		140,000	140,000		140,000	140,000	140,000	140,000	140,000	140,000		140,000	140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		41.597	45.371		43.393	43.393	43.393	43.393	42.183	44.273		44.491	41.546		
	41	Average Cost of Fuel per Unit Burned		41.597	45.371		43.393	43.393	43.393	43.393	42.183	44.273		44.491	41.546		
	42	Average Cost of Fuel Burned per Million BTU		7.074	7.716		7.212	7.181	7.629	7.380	7.174	7.529		7.567	7.066		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-		-	-	-	-	-	-		-	-		
	44	**Average BTU per KWh Net Generation**	-	11,121.35	11,168.73	12,279.02	10,612.83	10,474.85	10,577.96	10,561.70	10,360.83	10,477.64	18,727.68	10,567.78	12,132.49	10,712.52	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Dave Johnston Plant	Gadsby Plant	Gadsby Peakers	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	West Valley Peakers	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Steam	Steam	Gas Turbine	Steam	Steam	Steam	Steam	Steam	Steam	Gas Turbine	Steam	Gas Turbine	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Semi-Outdoor	Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor	Conventional		
	3	Year Originally Constructed	1984	1954	1959	1951	2002	1978	1980	1983	1978	1974	1974	1972	1963	2002	1978		
	4	Year Last Unit was Installed	1984	1957	1972	1955	2002	1978	1980	1983	1983	1977	1979	1972	1971	2002	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.0	186.6	816.7	251.6	141.0	472.5	472.5	495.5	1,440.5	996.0	2,311.2	16.0	707.2	217.0	362.0	7,473.8	
	6	Net Peak Demand on Plant - MW (60 minutes)	23	177	762	218	133	405	265	461	1,311	896	1,404	16	719	218	280	5,977	
	7	Plant Hours Connected to Load	8,599	8,653	8,760	6,285	3,651	8,031	6,782	8,099	8,760	8,510	8,760	6,127	8,760	2,493	8,570		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	175	762	235	131	430	430	460	1,320	895	2,120	14	700	185	335	6,895	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	13	75	219	37	-	77	77	77	231	162	359	6	153	10	71	1,336	
	12	**Net Generation, Exclusive of Plant Use - KWh**	184,449,000	1,323,395,000	5,759,784,000	495,453,000	162,366,000	3,027,001,000	1,670,598,000	3,418,272,000	8,115,871,000	5,977,919,000	9,630,099,000	60,803,000	5,019,304,000	373,926,000	2,289,062,000	39,412,431,000	
	13	Cost of Plant: Land and Land Rights	31,026,429	956,546	10,417,291	1,020,271	-	9,646,568	9,646,568	10,253,198	29,546,333	2,405,337	1,146,361	635	458,248	-	210,526	77,187,978	
	14	Structures and Improvements	6,150,130	10,867,218	47,257,355	13,415,332	-	60,088,408	49,284,908	88,364,297	197,737,614	94,498,627	132,803,837	204,044	55,589,785	-	48,028,460	606,552,401	
	15	Equipment Costs	33,073,388	66,860,399	329,026,863	54,710,346	70,276,509	211,074,253	146,286,297	373,875,813	731,236,363	324,856,385	672,352,890	4,067,990	268,469,813	-	248,617,252	2,803,548,198	
	16	Asset Retirement Costs																	
	17	**Total Cost**	$ 70,249,947	$ 78,684,163	$ 386,701,509	$ 69,145,949		$ 280,809,229	$ 205,217,773	$ 472,493,308	$ 958,520,310	$ 421,760,349	$ 806,303,088	$ 4,272,669	$ 324,517,846		$ 296,856,238	$ 3,417,012,068	
	18	Cost per KW of Installed Capacity (our share)	$ 3,054.35	$ 444.54	$ 507.48	$ 317.18	$ -	$ 594.31	$ 434.32	$ 953.57	$ 665.41	$ 423.45	$ 348.87	$ 267.04	$ 458.88	$ -	$ 820.04	$ 457.20	
500	19	Operation Supervision and Engineering	1,062	139,579	183,357	(160,342)	-	43,515	43,515	43,515	130,544	13,527	3,993,621	1,401	415,967	-	1,659,328	6,378,045	500
501	20	Fuel	-	11,200,680	42,488,522	30,585,119	3,461,312	24,156,475	12,434,824	26,072,894	62,664,192	49,079,025	115,998,979	5,033,056	54,128,384	15,181,956	16,445,405	406,266,631	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	27,807	706,274	229,613	-	-	2,629,979	1,710,565	2,909,275	7,249,819	5,411,594	(2,017,319)	-	4,807,154	-	-	16,414,942	502
503	23	Steam From Other Sources	3,800,080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,800,080	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	-	1,332,017	3,318	-	-	126,836	131,012	131,012	390,860	-	104,440	961,132	8,889	7,256,900	-	10,057,556	505
506	26	Misc Steam (or Nuclear) Power Expenses	1,483,244	4,056,652	11,872,454	3,972,995	-	2,682,630	(2,620,553)	2,693,949	2,756,026	7,054,560	3,976,614	-	6,699,143	-	1,932,783	43,806,471	506
507	27	Rents	-	13,057	11,192	4,651	-	39,846	38,877	50,855	129,577	493,704	219,744	345	14,081	559,804	1,938	1,448,094	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	-	-	-	-	-	-	-	-	-	1,017,097	274,333	-	1,362,522	-	3,518	2,657,470	510
551	30	Maintenance of Structures	39,520	142,478	1,654,314	169,481	-	1,642,851	1,844,648	1,619,656	5,107,155	1,496,827	7,468,228	-	1,323,801	-	309,894	17,711,698	551
512	31	Maintenance of Boiler (or reactor) Plant	66,629	2,592,516	8,319,726	1,320,594	-	3,352,108	7,091,977	4,790,420	15,234,505	10,358,518	19,192,990	-	11,660,823	-	3,483,601	72,229,902	512
513	32	Maintenance of Electric Plant	78,990	871,343	2,474,524	1,487,804	-	504,409	1,946,806	731,845	3,183,060	4,425,884	6,719,392	-	4,262,794	-	470,290	23,974,081	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	16,027	406,147	1,017,498	219,331	-	204,698	110,003	143,488	458,189	1,079,620	1,626,374	1,704	1,102,615	-	576,420	6,505,925	514
	34	**Total Production Expenses**	$ 5,513,359	$ 21,464,743	$ 68,254,518	$ 37,599,633		$ 35,385,347	$ 22,731,674	$ 39,186,909	$ 97,303,927	$ 80,430,356	$ 157,557,396	$ 5,997,638	$ 85,786,173		$ 24,883,177	$ 611,250,895	
	35	Expenses per Net KWh	$ 0.0299	$ 0.0162	$ 0.0119	$ 0.0759		$ 0.0117	$ 0.0136	$ 0.0115	$ 0.0120	$ 0.0135	$ 0.0164		$ 0.0171		$ 0.0109	$ 0.0155	
		Total Busbar - $/MWh	$ 29.89	$ 16.22	$ 11.85	$ 75.89		$ 11.69	$ 13.61	$ 11.46	$ 11.99	$ 13.45	$ 16.36		$ 17.09		$ 10.87	$ 15.51	
		Fuel - $/MWh	$ -	$ 8.46	$ 7.38	$ 61.73	$ 21.32	$ 7.98	$ 7.44	$ 7.63	$ 7.72	$ 8.21	$ 12.05	$ 62.29	$ 10.78	$ 40.60	$ 7.18	$ 10.31	
		Non-fuel - $/MWh	$ 29.89	$ 7.76	$ 4.47	$ 14.16	$ (21.32)	$ 3.71	$ 6.16	$ 3.84	$ 4.27	$ 5.24	$ 4.32	$ (62.29)	$ 6.31	$ (40.60)	$ 3.69	$ 5.20	
		Variable O&M (per RDI definition) - $/MWh	$ 1.86	$ 1.55	$ 0.89	$ 2.83	$ (4.26)	$ 0.74	$ 1.23	$ 0.76	$ 0.85	$ 1.03	$ 0.86	$ 2.39	$ 1.26	$ (8.42)	$ 0.74	$ 1.03	
		Fixed O&M (RDI definition) - $/MWh	$ 7.43	$ 6.21	$ 3.58	$ 11.33	$ (17.05)	$ 2.97	$ 4.94	$ 3.07	$ 3.42	$ 4.21	$ 3.46	$ 9.55	$ 5.05	$ (32.16)	$ 2.95	$ 4.17	
		Total O&M without Fuel	$ 1,713,279	$ 10,264,063	$ 25,765,996	$ 7,014,514		$ 11,228,872	$ 10,296,850	$ 13,114,015	$ 34,639,735	$ 31,351,331	$ 41,558,417	$ 964,582	$ 31,657,789		$ 8,437,772	$ 204,984,264	
	36	Fuel Kind (Coal, Gas, Oil, or Nuclear)		Coal	Coal			Coal	Coal	Coal	Coal	Coal	Coal		Coal		Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Tons	Coal			Tons	Tons	Tons	Tons	Tons	Tons		Tons		Tons	Tons	
	38	Quantity (units) of Fuel Burned		606,830	3,845,637			1,372,925	745,564	1,593,913	3,712,402	2,696,708	5,495,620		2,639,187		1,695,517	20,691,901	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		12,264	8,299			11,521	11,504	11,490	11,505	11,321	9,116		10,024		8,110	9,806	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		18.087	10.508			16.360	16.360	16.360	16.360	17.533	20.674		20.179		9.624		
	41	Average Cost of Fuel per Unit Burned		18.301	10.967			17.471	16.583	16.162	16.731	17.923	20.938		20.150		9.610		
	42	Average Cost of Fuel Burned per Million BTU		0.746	0.661			0.758	0.721	0.703	0.727	0.792	1.149		1.023		0.593		
	43	Average Cost of Fuel Burned per KWh Net Gen		0.008	0.007			0.008	0.007	0.008	0.008	0.008	0.012		0.011		0.007		
	36	Fuel Kind (Coal, Gas, Oil, or Nuclear)				Gas	Gas							Gas	Gas	Gas		Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)				MCF	MCF							MCF	MCF	MCF		MCF	
	38	Quantity (units) of Fuel Burned				5,839,878	1,728,306							1,377,981	241,663	3,697,709		12,885,537	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)				1,058	1,058							1,053	1,054	1,034		1,051	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year				-	-							-	-	-			
	41	Average Cost of Fuel per Unit Burned				4.584	4.209							3.652	3.931	4.106			
	42	Average Cost of Fuel Burned per Million BTU				4.320	4.026							3.469	3.730	4.007			
	43	Average Cost of Fuel Burned per KWh Net Gen				0.062	0.021							0.062	-	0.041			
	36	Fuel Kind (Coal, Gas, Oil, or Nuclear)		Oil	Oil			Oil	Oil	Oil	Oil	Oil	Oil				Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Barrel	Barrels			Barrels	Barrel	Barrel	Barrels	Barrels	Barrels				Barrels	Barrels	
	38	Quantity (units) of Fuel Burned		2,688	9,577			4,797	2,139	9,019	15,956	22,832	26,972				3,735	81,759	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		140,000	140,000			140,000	140,000	140,000	140,000	140,000	140,000				151,224	140,513	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		35.472	32.884			34.656	34.656	34.656	34.656	32.614	33.716				40.716		
	41	Average Cost of Fuel per Unit Burned		35.472	32.884			34.656	34.656	34.656	34.656	32.614	33.716				40.716		
	42	Average Cost of Fuel Burned per Million BTU		6.033	5.593			6.024	5.640	5.885	5.894	5.547	5.734				6.411		
	43	Average Cost of Fuel Burned per KWh Net Gen		-	-			-	-	-	-	-	-				-		
	44	**Average BTU per KWh Net Generation**	-	11,259.02	11,091.77	12,470.59	11,261.89	10,460.24	10,275.67	10,730.91	10,536.91	10,236.52	10,420.95	17,957.43	10,592.13	10,225.10	12,024.58	10,651.89	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Dave Johnston Plant	Gadsby Plant	Gadsby Peakers	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	West Valley Peakers	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Steam	Steam	Gas Turbine	Steam	Steam	Steam	Steam	Steam	Steam	Gas Turbine	Steam	Gas Turbine	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Semi-Outdoor	Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor	Conventional		
	3	Year Originally Constructed	1984	1954	1959	1951	2002	1978	1980	1983	1978	1974	1974	1972	1963	2002	1978		
	4	Year Last Unit was Installed	1984	1957	1972	1955	2002	1978	1980	1983	1983	1977	1979	1972	1971	2002	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.0	188.6	816.7	251.6	141.0	443.0	285.0	495.6	1,223.6	996.0	1,541.1	16.0	707.2	217.0	289.6	6,414.4	
	6	Net Peak Demand on Plant - MW (60 minutes)	25	176	759	215	123	413	268	482	1,256	907	1,392	16	716	213	280	5,985	
	7	Plant Hours Connected to Load	8,598	8,760	8,760	2,001	4,345	8,275	7,610	8,016	8,760	8,754	8,759	6,224	8,760	4,461	8,405		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	175	762	235	114	403	259	460	1,122	895	1,413	14	700	215	268	5,936	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	15	75	231	37	-	80	51	85	217	174	257	6	175	10	66	1,262	
	12	**Net Generation, Exclusive of Plant Use - KWh**	198,465,000	1,371,293,000	5,302,493,000	158,301,000	385,069,000	3,131,772,000	1,887,215,000	3,475,795,000	8,494,782,000	7,213,219,000	9,653,111,000	86,653,000	4,799,139,000	580,823,000	2,197,461,000	40,440,809,000	
	13	Cost of Plant: Land and Land Rights	31,026,429	956,546	10,417,290	1,259,170	-	9,646,568	9,646,568	10,253,197	29,546,333	2,405,337	1,161,925	635	607,076	-	210,526	77,591,267	
	14	Structures and Improvements	6,157,185	11,008,889	47,645,465	13,694,051	3,072,740	60,248,862	49,449,482	88,549,262	198,247,606	98,158,682	133,477,806	204,044	56,654,425	-	48,156,801	616,477,654	
	15	Equipment Costs	33,085,417	67,022,648	345,587,612	55,138,519	74,728,584	213,229,259	142,987,004	378,220,778	734,437,041	333,608,477	693,607,839	4,681,772	290,152,981	-	249,469,349	2,881,720,239	
	16	Asset Retirement Costs	-	-	581,138	-	-	441,134	441,134	441,134	1,323,402	813,996	8,012,755	-	3,982,418	-	-	14,713,709	
	17	**Total Cost**	$ 70,269,011	$ 78,988,083	$ 404,231,505	$ 70,091,740	$ 77,801,324	$ 283,565,823	$ 202,524,188	$ 477,464,371	$ 963,554,382	$ 434,986,492	$ 836,460,325	$ 4,886,451	$ 351,396,900	$ -	$ 297,836,676	$ 3,590,502,869	
	18	Cost per KW of Installed Capacity (our share)	$ 2,702.65	$ 418.81	$ 494.96	$ 278.54	$ 551.78	$ 640.10	$ 710.61	$ 963.41	$ 787.47	$ 436.73	$ 542.77	$ 305.40	$ 496.88	$ -	$ 1,028.44	$ 559.75	
500	19	Operation Supervision and Engineering	2,730	238,813	718,931	78,202	-	88,245	88,245	88,245	264,735	36,242	15,347,831	4,125	189,118	-	4,260,105	21,140,832	500
501	20	Fuel	8,057	10,521,512	33,562,596	6,075,862	11,979,586	28,081,013	17,237,543	31,185,296	76,503,852	57,956,997	113,739,905	4,797,945	52,243,371	19,543,768	16,944,823	403,878,274	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	-	1,091,533	382,531	-	-	3,682,806	3,174,156	4,090,704	10,947,667	8,274,532	(118,833)	-	6,601,457	-	-	27,178,886	502
503	23	Steam From Other Sources	(19,641)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(19,641)	503
504	24	Steam Transferred (Cr)	4,095,133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,095,133	504
505	25	Electric Expenses	-	1,536,116	88,927	-	2,698	87,324	87,324	87,324	261,973	-	-	530,741	1,085	2,389,897	-	4,811,416	505
506	26	Misc Steam (or Nuclear) Power Expenses	-	4,170,854	11,680,712	4,760,622	-	2,421,397	(1,684,510)	2,324,742	3,061,629	8,360,681	(8,171,422)	363	5,110,850	1,084	(510,112)	28,465,261	506
507	27	Rents	1,523,579	13,713	88,207	-	-	41,540	40,827	45,394	127,761	3,167,478	206,638	-	116	17,001,296	3,102	22,131,889	507
509	28	Allowances	163	-	-	-	-	-	-	-	-	-	-	-	-	-	-	163	509
510	29	Maintenance Supervision and Engineering	-	-	537,995	-	-	-	-	-	-	1,332,658	581,437	-	2,094,629	-	1,157	4,547,876	510
551	30	Maintenance of Structures	-	279,786	1,940,427	185,659	57,058	2,130,001	2,299,859	2,236,797	6,666,657	1,124,038	5,320,251	-	1,086,805	-	482,693	17,143,374	551
512	31	Maintenance of Boiler (or reactor) Plant	56,371	2,513,158	12,831,603	1,395,605	-	3,654,579	3,611,021	5,278,400	12,544,000	5,285,008	21,270,104	-	11,635,097	-	4,358,209	71,889,155	512
513	32	Maintenance of Electric Plant	144,910	620,297	6,754,045	1,697,852	229,371	625,491	872,152	1,058,634	2,556,277	2,782,997	9,905,987	-	2,522,240	24,198	823,830	28,062,004	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	265,381	486,094	1,046,140	212,233	106,609	245,626	258,176	249,585	753,387	1,376,380	1,437,390	41,572	941,337	767	580,649	7,247,939	514
	34	**Total Production Expenses**	$ 6,076,683	$ 21,471,876	$ 69,632,114	$ 14,406,035	$ 12,375,322	$ 41,058,022	$ 25,984,793	$ 46,645,121	$ 113,687,938	$ 89,697,011	$ 159,519,288	$ 5,374,746	$ 82,426,085	$ 38,961,009	$ 26,944,456	$ 640,572,561	
	35	Expenses per Net KWh	$ 0.0306	$ 0.0157	$ 0.0131	$ 0.0910		$ 0.0131	$ 0.0138	$ 0.0134	$ 0.0134	$ 0.0124	$ 0.0165		$ 0.0172	$ 0.0671	$ 0.0123	$ 0.0158	
		Total Busbar - $/MWh	$ 30.62	$ 15.66	$ 13.13	$ 91.00		$ 13.11	$ 13.77	$ 13.42	$ 13.38	$ 12.44	$ 16.53		$ 17.18	$ 67.08	$ 12.26	$ 15.84	
		Fuel - $/MWh	$ 0.04	$ 7.67	$ 6.33	$ 38.38	$ 31.11	$ 8.97	$ 9.13	$ 8.97	$ 9.01	$ 8.03	$ 11.78	$ 55.37	$ 10.89	$ 33.65	$ 7.71	$ 9.99	
		Non-fuel - $/MWh	$ 30.58	$ 7.99	$ 6.80	$ 52.62	$ (31.11)	$ 4.14	$ 4.64	$ 4.45	$ 4.38	$ 4.40	$ 4.74	$ (55.37)	$ 6.29	$ 33.43	$ 4.55	$ 5.85	
		Variable O&M (per RDI definition) - $/MWh	$ 0.46	$ 1.60	$ 1.36	$ 10.52	$ 0.21	$ 0.83	$ 0.92	$ 0.89	$ 0.87	$ 0.79	$ 0.94	$ 1.33	$ 1.26	$ 0.83	$ 0.91	$ 1.06	
		Fixed O&M (RDI definition) - $/MWh	$ 9.52	$ 6.39	$ 5.45	$ 42.10	$ 0.82	$ 3.32	$ 3.71	$ 3.56	$ 3.50	$ 3.61	$ 3.80	$ 5.33	$ 5.03	$ 32.60	$ 3.64	$ 4.79	
		Total O&M without Fuel	$ 1,973,493	$ 10,950,364	$ 36,069,518	$ 8,330,173		$ 12,977,009	$ 8,747,250	$ 15,459,825	$ 37,184,086	$ 31,740,014	$ 45,779,383	$ 576,801	$ 30,182,714	$ 19,417,241	$ 9,999,633	$ 236,684,267	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned	-	657,352	3,515,011	-	-	1,434,834	859,657	1,588,324	3,882,816	3,150,798	5,473,298	-	2,571,603	-	1,657,446	20,908,323	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	11,828	8,380	-	-	11,458	11,410	11,453	11,445	11,562	9,326	-	9,900	-	8,059	9,946	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	15.723	8.877	-	-	19.754	19.754	19.754	19.754	18.727	20.950	-	20.003	-	10.100		
	41	Average Cost of Fuel per Unit Burned	-	15.923	9.431	-	-	19.466	19.942	19.434	19.559	18.220	20.594	-	20.001	-	10.083		
	42	Average Cost of Fuel Burned per Million BTU	-	0.673	0.563	-	-	0.850	0.874	0.848	0.855	0.788	1.104	-	1.026	-	0.626		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	0.008	0.006	-	-	0.009	0.009	0.009	0.009	0.008	0.012	-	0.011	-	0.008		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	
	38	Quantity (units) of Fuel Burned	-	-	-	2,003,008	3,865,262	-	-	-	-	-	-	1,352,371	239,310	5,563,531	-	13,023,482	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	-	-	1,068	1,067	-	-	-	-	-	-	1,062	1,058	1,034	-	1,052	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	41	Average Cost of Fuel per Unit Burned	-	-	-	3.033	3.099	-	-	-	-	-	-	3.548	3.380	3.548	-		
	42	Average Cost of Fuel Burned per Million BTU	-	-	-	2.844	2.909	-	-	-	-	-	-	3.341	3.291	3.341	-		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrel	Barrel	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	
	38	Quantity (units) of Fuel Burned	-	1,337	11,063	-	-	3,274	2,061	6,989	12,323	13,544	24,586	-	-	-	5,754	68,608	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	140,000	140,000	-	-	140,000	140,000	140,000	140,000	140,000	140,000	-	-	-	140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	40.862	37.224	-	-	45.557	45.557	45.557	45.557	40.645	41.641	-	-	-	40.412		
	41	Average Cost of Fuel per Unit Burned	-	40.862	37.224	-	-	45.557	45.557	45.557	45.557	40.645	41.641	-	-	-	40.412		
	42	Average Cost of Fuel Burned per Million BTU	-	6.950	6.331	-	-	7.799	7.767	7.719	7.748	6.912	7.082	-	-	-	6.873		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	44	**Average BTU per KWh Net Generation**	-	11,345.63	11,122.44	13,513.58	10,710.38	10,505.21	10,401.30	10,479.11	10,471.15	10,111.81	10,590.63	16,574.36	10,662.52	9,904.38	12,172.48	10,633.58	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Dave Johnston Plant	Gadsby Plant	Gadsby Peakers	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	West Valley Peakers	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Steam	Steam	Gas Turbine	Steam	Steam	Steam	Steam	Steam	Steam	Gas Turbine	Steam	Gas Turbine	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Semi-Outdoor	Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor	Conventional		
	3	Year Originally Constructed	1984	1954	1959	1951	2002	1978	1980	1983	1978	1974	1974	1972	1963	2002	1978		
	4	Year Last Unit was Installed	1984	1957	1972	1955	2002	1978	1980	1983	1983	1977	1979	1972	1971	2002	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.1	188.6	816.8	251.6	141.0	443.0	285.0	495.6	1,223.6	996.0	1,541.1	16.0	707.2	217.0	289.6	6,414.7	
	6	Net Peak Demand on Plant - MW (60 minutes)	25	174	779	216	126	407	268	468	1,256	907	1,391	16	705	226	278	5,966	
	7	Plant Hours Connected to Load	8,538	8,772	8,784	961	3,382	7,750	8,299	8,469	8,784	8,629	8,784	6,621	8,784	3,529	8,140		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	When Not Limited by Condenser Water	23	172	762	235	120	403	259	460	1,122	895	1,413	14	700	215	268	5,939	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	12	71	188	39	-	73	73	74	220	164	348	6	143	10	74	1,275	
	12	**Net Generation, Exclusive of Plant Use - KWh**	194,876,000	1,135,083,000	5,824,643,000	66,586,000	258,948,000	2,852,543,000	2,010,041,000	3,575,290,000	8,437,874,000	6,368,634,000	9,820,371,000	91,965,000	5,245,831,000	395,480,000	2,153,135,000	40,013,426,000	
	13	Cost of Plant: Land and Land Rights	31,282,815	956,546	10,417,290	1,259,170	-	9,626,532	9,626,532	10,233,162	29,486,226	2,405,337	1,161,925	635	1,243,586	-	210,526	78,424,036	
	14	Structures and Improvements	6,218,337	11,578,139	48,237,859	13,811,541	4,111,864	60,603,393	49,803,203	88,931,483	199,338,088	99,455,311	133,679,404	209,660	57,155,058	48,460	48,377,029	622,220,751	
	15	Equipment Costs	33,692,461	73,322,778	352,305,858	55,921,836	75,114,903	221,344,932	142,213,710	375,949,702	739,508,344	339,245,256	711,525,469	4,688,107	289,661,534	81,813	250,111,165	2,925,179,524	
	16	Asset Retirement Costs	557,911	-	6,172,882	-	-	1,571,858	1,571,858	1,571,858	4,715,575	652,406	9,787,188	-	3,578,619	-	-	25,464,580	
	17	**Total Cost**	$ 71,751,524	$ 85,857,463	$ 417,133,889	$ 70,992,547	$ 79,226,767	$ 293,146,715	$ 203,215,303	$ 476,686,215	$ 973,048,233	$ 441,758,310	$ 856,153,986	$ 4,898,402	$ 351,638,777	$ 130,273	$ 298,698,720	$3,651,288,891	
	18	Cost per KW of Installed Capacity (our share)	$ 2,749.10	$ 455.14	$ 510.71	$ 282.12	$ 561.89	$ 661.73	$ 713.04	$ 961.84	$ 795.23	$ 443.53	$ 555.55	$ 306.15	$ 497.23	$ 0.60	$ 1,031.42	$ 569.21	
500	19	Operation Supervision and Engineering	630	133,906	305,193	27,872	-	126,116	126,116	126,116	378,348	29,644	12,667,637	-	237,513	-	3,001,485	16,782,228	500
501	20	Fuel	-	11,442,174	36,943,321	1,676,796	2,660,791	26,482,093	18,564,845	32,098,512	77,145,452	63,752,592	120,577,466	6,439,344	60,497,565	10,916,009	13,659,494	405,711,002	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	6,661	682,262	210,184	-	-	3,473,239	3,112,262	3,782,881	10,368,382	8,464,770	536,259	-	7,449,228	-	-	27,717,746	502
503	23	Steam From Other Sources	4,158,192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,158,192	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	-	917,382	37,229	-	304,162	147,392	147,392	147,392	442,176	-	-	732,752	12,975	1,897,624	-	4,344,300	505
506	26	Misc Steam (or Nuclear) Power Expenses	1,525,679	5,311,683	12,430,434	4,160,091	-	1,566,991	(2,194,293)	1,998,056	1,370,754	6,527,143	(9,323,909)	-	4,389,599	-	719,752	27,111,226	506
507	27	Rents	145	40,453	(4,857)	5,928	943	24,340	13,683	17,561	55,584	890,671	452,888	184	584,478	17,064,416	7,096	19,097,929	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	-	-	(570)	-	-	-	-	-	-	781,611	1,323,097	-	2,333,073	-	5,902	4,443,113	510
551	30	Maintenance of Structures	77,962	492,808	2,012,260	107,246	100,049	1,753,206	1,809,906	1,718,934	5,282,046	1,231,569	6,104,073	-	908,142	677	420,801	16,737,633	551
512	31	Maintenance of Boiler (or reactor) Plant	275,223	4,282,805	10,337,182	903,378	-	4,666,081	3,177,022	5,410,664	13,253,766	7,970,197	24,371,327	-	6,910,552	-	4,658,589	72,973,020	512
513	32	Maintenance of Electric Plant	91,018	2,548,794	5,168,676	1,621,968	437,423	1,021,553	629,626	945,171	2,596,350	2,539,773	9,045,648	-	927,977	47,415	1,290,171	26,315,211	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	22,424	506,026	1,203,100	254,339	151,677	122,452	102,754	139,028	364,234	1,095,126	1,717,677	358	766,138	9,709	607,475	6,698,283	514
	34	**Total Production Expenses**	$ 6,157,934	$ 26,368,293	$ 68,642,152	$ 8,757,616	$ 3,655,045	$ 39,383,463	$ 25,489,313	$ 46,384,315	$ 111,257,092	$ 93,283,096	$ 167,472,163	$ 7,172,638	$ 85,017,240	$ 29,935,850	$ 24,370,765	$ 632,089,883	
	35	Expenses per Net KWh	$ 0.0316	$ 0.0232	$ 0.0118	$ 0.1315		$ 0.0138	$ 0.0127	$ 0.0130	$ 0.0132	$ 0.0146	$ 0.0171		$ 0.0162	$ 0.0757	$ 0.0113	$ 0.0158	
		Total Busbar - $/MWh	$ 31.60	$ 23.23	$ 11.78	$ 131.52		$ 13.81	$ 12.68	$ 12.97	$ 13.19	$ 14.60	$ 17.05		$ 16.21	$ 75.69	$ 11.32	$ 15.80	
		Fuel - $/MWh	$ -	$ 10.08	$ 6.34	$ 25.18	$ 10.28	$ 9.28	$ 9.24	$ 8.98	$ 9.14	$ 9.98	$ 12.28	$ 70.02	$ 11.53	$ 27.60	$ 6.34	$ 10.14	
		Non-fuel - $/MWh	$ 31.60	$ 13.15	$ 5.44	$ 106.34	$ (10.28)	$ 4.52	$ 3.44	$ 4.00	$ 4.04	$ 4.62	$ 4.78	$ (70.02)	$ 4.67	$ 48.09	$ 4.97	$ 5.66	
		Variable O&M (per RDI definition) - $/MWh	$ 2.05	$ 2.62	$ 1.09	$ 21.25	$ 0.77	$ 0.90	$ 0.69	$ 0.80	$ 0.81	$ 0.90	$ 0.95	$ 1.59	$ 0.91	$ 0.99	$ 0.99	$ 1.04	
		Fixed O&M (RDI definition) - $/MWh	$ 8.21	$ 10.53	$ 4.35	$ 85.09	$ 3.07	$ 3.62	$ 2.76	$ 3.20	$ 3.24	$ 3.73	$ 3.83	$ 6.38	$ 3.76	$ 47.10	$ 3.98	$ 4.62	
		Total O&M without Fuel	$ 1,999,742	$ 14,926,119	$ 31,698,831	$ 7,080,820		$ 12,901,370	$ 6,924,468	$ 14,285,803	$ 34,111,640	$ 29,530,504	$ 46,894,697	$ 733,294	$ 24,519,675	$ 19,019,841	$ 10,711,271	$ 226,378,881	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned	-	559,628	3,827,412	-	-	1,345,806	952,672	1,651,452	3,949,930	2,888,019	5,522,362	-	2,809,373	-	1,615,197	21,171,921	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	11,841	8,316	-	-	11,404	11,289	11,282	11,322	11,179	9,352	-	9,898	-	8,019	9,819	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	19.951	9.426	-	-	19.294	19.294	19.294	19.294	21.889	21.778	-	21.498	-	8.283		
	41	Average Cost of Fuel per Unit Burned	-	20.114	9.556	-	-	19.460	19.372	19.151	19.310	21.745	21.519	-	21.425	-	8.249		
	42	Average Cost of Fuel Burned per Million BTU	-	0.849	0.575	-	-	0.853	0.858	0.849	0.853	0.973	1.151	-	1.088	-	0.514		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	0.010	0.006	-	-	0.009	0.009	0.009	0.009	0.010	0.012	-	0.011	-	0.006		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	
	38	Quantity (units) of Fuel Burned	-	-	-	935,228	2,660,164	-	-	-	-	-	-	1,457,433	137,410	3,762,657	-	8,952,892	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	-	-	1,050	1,061	-	-	-	-	-	-	1,063	1,060	1,049	-	1,055	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	41	Average Cost of Fuel per Unit Burned	-	-	-	1.793	1.000	-	-	-	-	-	-	4.418	2.241	2.901	-		
	42	Average Cost of Fuel Burned per Million BTU	-	-	-	1.708	0.943	-	-	-	-	-	-	4.155	2.114	2.766	-		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	-	0.025	0.010	-	-	-	-	-	-	0.070	-	0.028	-		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrel	Barrel	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	
	38	Quantity (units) of Fuel Burned	-	3,564	7,543	-	-	5,954	2,175	10,010	18,139	18,285	34,064	-	-	-	7,001	88,596	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	140,000	140,000	-	-	140,000	140,000	140,000	140,000	140,000	140,000	-	-	-	140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	52.190	48.647	-	-	48.175	48.175	48.175	48.175	52.126	51.108	-	-	-	48.046		
	41	Average Cost of Fuel per Unit Burned	-	52.190	48.647	-	-	48.175	48.175	48.175	48.175	52.126	51.108	-	-	-	48.046		
	42	Average Cost of Fuel Burned per Million BTU	-	8.876	8.273	-	-	8.373	8.546	8.009	8.193	8.865	8.692	-	-	-	8.171		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	44	**Average BTU per KWh Net Generation**	-	11,694.36	10,936.61	14,747.69	10,899.62	10,772.90	10,707.35	10,438.94	10,612.73	10,123.89	10,538.35	16,846.10	10,629.39	9,980.35	12,050.19	10,639.56	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Currant Creek	Dave Johnston Plant	Gadsby Plant	Gadsby Peakers	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	West Valley Peakers	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Gas Turbine	Steam	Steam	Gas Turbine	Steam	Steam	Steam	Steam	Steam	Steam	Gas Turbine	Steam	Gas Turbine	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Outdoor	Semi-Outdoor	Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor	Conventional		
	3	Year Originally Constructed	1984	1954	2005	1959	1951	2002	1978	1980	1983	1978	1974	1974	1972	1963	2002	1978		
	4	Year Last Unit was Installed	1984	1957		1972	1955	2002	1978	1980	1983	1983	1977	1979	1972	1971	2002	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.1	188.6	292.4	816.8	257.6	141.0	443.0	285.0	495.6	1,223.5	996.0	1,541.1	16.0	707.2	217.0	289.7	6,713.1	
	6	Net Peak Demand on Plant - MW (60 minutes)	25	179	292	773	210	122	413	263	467	1,132	906	1,403	16	705	202	276	6,252	
	7	Plant Hours Connected to Load	8,584	8,748	1,946	8,760	431	2,512	7,540	8,113	7,933	8,736	8,287	8,760	7,031	8,760	3,346	8,162		
	8	Net Continuous Plant Capability (Megawatts)	-	-	284	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	172		762	235	121	403	259	460	1,123	895	1,413	14	700	202	268	5,927	
	10	When Limited by Condenser Water	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	13	70	24	193	38	-	75	75	76	226	163	346	6	145	10	75	1,309	
	12	**Net Generation, Exclusive of Plant Use - KWh**	184,820,000	1,349,858,000	124,119,000	5,684,004,000	32,595,000	166,168,000	2,891,251,000	1,970,448,000	3,382,957,000	8,244,656,000	6,381,332,000	9,837,629,000	94,667,000	5,238,417,000	343,889,000	2,143,956,000	39,826,110,000	
	13	Cost of Plant: Land and Land Rights	31,282,815	956,546	3,362,684	10,451,083	1,259,170	-	9,632,717	9,632,717	10,239,347	29,504,781	2,386,782	1,161,925	635	1,243,566	-	210,526	81,820,513	
	14	Structures and Improvements	6,206,229	11,774,653	27,748,874	48,654,284	13,837,867	4,111,865	61,232,885	50,220,853	89,290,155	200,743,893	99,596,120	131,861,354	208,871	59,637,601	400,164	48,477,838	653,261,613	
	15	Equipment Costs	33,542,967	77,794,118	124,686,527	365,322,401	56,204,446	73,721,008	229,589,360	144,590,660	378,114,194	752,294,215	360,184,190	738,241,440	4,687,536	293,937,795	117,358	250,322,392	3,131,068,392	
	16	Asset Retirement Costs	557,911	-	262,682	6,172,882	-	-	2,044,846	2,044,846	2,044,846	6,134,537	2,412,956	9,719,936	-	4,406,322	-	-	29,667,227	
	17	**Total Cost**	$ 71,589,922	$ 90,525,317	$ 156,072,767	$ 430,600,650	$ 71,301,483	$ 77,832,873	$ 302,499,808	$ 206,489,076	$ 479,688,542	$ 988,677,426	$ 464,582,048	$ 880,964,655	$ 4,897,042	$ 359,225,284	$ 517,522	$ 299,010,756	$ 3,895,817,745	
	18	Cost per KW of Installed Capacity (our share)	$ 2,742.91	$ 479.99	$ 533.76	$ 527.18	$ 276.79	$ 552.01	$ 682.84	$ 724.52	$ 967.89	$ 808.07	$ 466.45	$ 571.66	$ 306.07	$ 507.95	$ 2.38	$ 1,032.14	$ 580.33	
500	19	Operation Supervision and Engineering	3,344	109,279	586,268	625,305	62,823	-	24,447	24,447	24,447	73,341	26,434	16,254,215	-	196,891	-	1,084,609	19,022,509	500
501	20	Fuel	-	12,068,189	4,346,449	38,577,929	875,554	2,724,847	30,077,230	20,877,150	34,266,820	85,221,200	65,320,583	119,814,412	(3,753,218)	60,584,487	8,536,686	16,221,252	410,538,370	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	6,169	1,408,446	-	-	9,215	-	3,450,122	3,356,185	3,579,703	10,386,010	8,203,547	280,141	-	7,045,921	-	-	27,339,449	502
503	23	Steam From Other Sources	4,211,469	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,211,469	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	-	1,821,392	570,776	-	-	1,645,477	155,974	155,974	155,974	467,922	-	-	-	36,922	2,457,390	-	6,999,879	505
506	26	Misc Steam (or Nuclear) Power Expenses	1,540,315	2,523,227	-	12,470,872	2,322,003	-	673,841	(2,383,721)	1,668,129	(41,751)	3,178,935	(19,133,452)	710,662	5,128,462	-	3,143,743	11,843,016	506
507	27	Rents	840	13,981	4,876	163,410	(3,049)	-	79,365	72,703	80,318	232,386	123,100	336,870	-	(38,817)	16,986,014	40,844	17,860,455	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	961	-	-	-	961	509
510	29	Maintenance Supervision and Engineering	-	-	-	-	-	-	-	-	-	-	1,284,420	1,289,676	-	1,368,892	-	-	3,942,988	510
551	30	Maintenance of Structures	124,081	253,701	4,833	2,069,773	197,205	176,063	1,374,385	1,254,382	1,241,582	3,870,349	1,517,616	6,271,663	-	766,762	10,376	344,015	15,606,437	551
512	31	Maintenance of Boiler (or reactor) Plant	225,965	2,461,483	-	10,677,930	398,385	-	8,893,182	4,624,149	5,530,965	19,048,296	10,968,477	25,844,500	-	7,633,839	-	3,904,036	81,162,911	512
513	32	Maintenance of Electric Plant	105,308	415,668	306,360	7,040,108	639,435	599,763	3,134,671	766,636	1,499,013	5,400,320	4,205,130	9,300,772	-	1,240,636	518,726	1,217,400	30,989,626	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	38,081	284,482	6,316	1,114,040	407,436	147,657	148,964	170,808	143,331	463,103	1,776,467	1,789,784	66,653	284,516	28,766	430,067	6,837,390	514
	34	**Total Production Expenses**	$ 6,255,572	$ 21,359,848	$ 5,825,878	$ 72,739,367	$ 4,909,007	$ 5,293,807	$ 48,012,181	$ 28,918,713	$ 48,190,282	$ 125,121,176	$ 96,604,729	$ 162,048,581	$ (2,974,942)	$ 84,248,513	$ 28,537,958	$ 26,385,966	$ 636,355,460	
	35	Expenses per Net KWh	$ 0.0338	$ 0.0158	$ 0.0469	$ 0.0128	$ 0.1506	$ 0.0319	$ 0.0166	$ 0.0147	$ 0.0142	$ 0.0152	$ 0.0151	$ 0.0165	$ (0.0314)	$ 0.0161	$ 0.0830	$ 0.0123	$ 0.0160	
		Total Busbar - $/MWh	$ 33.85	$ 15.82	$ 46.94	$ 12.80	$ 150.61	$ 31.86	$ 16.61	$ 14.68	$ 14.25	$ 15.18	$ 15.14	$ 16.47	$ (31.43)	$ 16.08	$ 82.99	$ 12.31	$ 15.98	
		Fuel - $/MWh	$ -	$ 8.94	$ 35.02	$ 6.79	$ 26.86	$ 16.40	$ 10.40	$ 10.60	$ 10.13	$ 10.34	$ 10.24	$ 12.18	$ (39.65)	$ 11.57	$ 24.82	$ 7.57	$ 10.31	
		Non-fuel - $/MWh	$ 33.85	$ 6.88	$ 11.92	$ 6.01	$ 123.74	$ 15.46	$ 6.20	$ 4.08	$ 4.12	$ 4.84	$ 4.90	$ 4.29	$ 8.22	$ 4.52	$ 58.16	$ 4.74	$ 5.67	
		Variable O&M (per RDI definition) - $/MWh	$ 2.21	$ 1.37	$ 2.38	$ 1.20	$ 24.77	$ 3.09	$ 1.24	$ 0.81	$ 0.82	$ 0.96	$ 0.98	$ 0.85	$ 1.65	$ 0.90	$ 1.75	$ 0.94	$ 1.04	
		Fixed O&M (RDI definition) - $/MWh	$ 8.85	$ 5.51	$ 9.54	$ 4.81	$ 98.98	$ 12.37	$ 4.97	$ 3.27	$ 3.30	$ 3.88	$ 3.93	$ 3.44	$ 6.57	$ 3.61	$ 56.41	$ 3.80	$ 4.63	
		Total O&M without Fuel	$ 2,044,103	$ 9,291,859	$ 1,479,429	$ 34,161,438	$ 4,033,453	$ 2,568,960	$ 17,934,951	$ 8,041,563	$ 13,923,462	$ 39,899,976	$ 31,284,146	$ 42,234,169	$ 778,276	$ 23,664,026	$ 20,001,272	$ 10,164,714	$ 225,817,090	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned	-	673,090	-	3,829,022			1,370,873	959,423	1,547,801	3,878,097	2,912,758	5,540,933		2,720,534		1,555,380	21,109,814	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	11,514	-	8,193			11,181	11,192	11,111	11,156	11,048	9,370		10,018		7,981	9,766	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year	-	17.159	-	9.938			-	-	-	21.226	20.634	21.001		22.484		10.152		
	41	Average Cost of Fuel per Unit Burned	-	17.552	-	9.937			21.597	21.603	21.576	21.590	22.036	21.370		22.307		10.203		
	42	Average Cost of Fuel Burned per Million BTU	-	0.762	-	0.607			0.966	0.965	0.971	0.968	0.997	1.140		1.111		0.639		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	0.009	-	0.007			0.010	0.010	0.010	0.010	0.010	0.012		0.012		0.007		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	
	38	Quantity (units) of Fuel Burned	-	-	1,312,477		358,806	1,823,779							1,516,478	97,562	3,518,586		8,627,688	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	-	1,043		1,053	1,053							1,060	1,052	1,045		1,049	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year	-	-	-		-	-							-	-	-			
	41	Average Cost of Fuel per Unit Burned	-	-	3.516		2.440	1.494							(2.475)	(1.058)	2.426			
	42	Average Cost of Fuel Burned per Million BTU	-	-	3.371		2.318	1.419							(2.335)	(1.006)	2.321			
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	0.037		0.027	0.016							(0.040)	-	0.025			
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrel	Barrel	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	
	38	Quantity (units) of Fuel Burned	-	3,415	-	8,193			6,288	1,850	10,747	18,885	14,206	23,611				6,318	74,628	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	140,000	-	140,000			140,000	140,000	140,000	140,000	140,000	140,000				140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year	-	74.408	-	64.342			-	-	-	79.017	79.894	59.571				55.647		
	41	Average Cost of Fuel per Unit Burned	-	-	-	-			-	-	-	-	-	-				-		
	42	Average Cost of Fuel Burned per Million BTU	-	12.655	-	10.943			12.719	13.868	13.785	13.438	13.588	10.131				9.464		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	-	-			-	-	-	-	-	-				-		
	44	**Average BTU per KWh Net Generation**	-	11,497.50	11,029.04	11,046.88	11,591.43	11,557.21	10,615.62	10,904.42	10,185.89	10,508.52	10,098.81	10,569.20	16,980.22	10,425.14	10,692.18	11,597.31	10,590.91	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Currant Creek	Dave Johnston Plant	Gadsby Plant	Gadsby Peakers	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Little Mountain	Naughton Plant	West Valley Peakers	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Gas Turbine	Steam	Steam	Gas Turbine	Steam	Steam	Steam	Steam	Steam	Steam	Gas Turbine	Steam	Gas Turbine	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Outdoor	Semi-Outdoor	Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor	Conventional		
	3	Year Originally Constructed	1984	1954	2005	1959	1951	2002	1978	1980	1983	1978	1974	1974	1972	1963	2002	1978		
	4	Year Last Unit was Installed	1984	1957	2006	1972	1955	2002	1978	1980	1983	1983	1977	1979	1972	1971	2002	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	26.1	188.6	566.9	816.8	257.6	141.0	443.0	285.0	495.5	1,223.5	996.0	1,541.1	16.0	707.2	217.0	289.7	6,987.5	
	6	Net Peak Demand on Plant - MW (60 minutes)	25	175	568	761	213	127	413	271	459	1,143	916	1,400	16	704	205	278	6,531	
	7	Plant Hours Connected to Load	8,578	6,718	6,596	8,760	1,651	2,795	8,285	7,288	8,129	8,760	8,729	8,760	7,545	8,760	3,724	7,207		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	23	172	540	762	235	120	403	269	460	1,122	895	1,413	14	700	202	268	6,466	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	14	70	23	196	37	-	75	75	75	225	167	342	6	145	10	75	1,310	
	12	**Net Generation, Exclusive of Plant Use - KWh**	190,608,000	1,312,553,000	1,760,645,000	5,776,846,000	130,819,000	214,071,000	3,215,261,000	1,828,040,000	3,433,975,000	8,477,276,000	6,139,007,000	10,060,478,000	100,523,000	4,929,400,000	456,624,000	1,886,039,000	41,434,889,000	
	13	Cost of Plant: Land and Land Rights	31,282,815	956,546	3,402,550	10,451,083	1,252,090	-	9,688,975	9,688,975	10,275,400	29,653,350	2,386,782	1,161,925	635	4,290,776	-	210,526	85,049,078	
	14	Structures and Improvements	6,683,493	12,195,375	28,120,692	50,207,724	13,877,760	4,121,643	61,599,431	50,557,997	89,608,334	201,765,762	100,385,029	133,223,694	217,599	60,389,753	116,354	49,345,431	660,650,309	
	15	Equipment Costs	33,868,041	78,255,924	300,721,130	369,677,242	56,496,749	73,768,723	231,281,082	153,975,955	378,888,393	764,145,430	511,645,641	762,621,386	5,009,047	314,227,168	607,789	278,145,660	3,549,190,130	
	16	Asset Retirement Costs	420,763	313,308	219,922	6,412,602	746,792	-	1,893,538	1,893,538	1,893,538	5,680,614	2,709,703	9,171,815	-	4,359,064	-	301,453	30,336,036	
	17	**Total Cost**	$ 72,255,112	$ 91,721,153	$ 332,464,294	$ 436,748,651	$ 72,373,391	$ 77,890,366	$ 304,463,026	$ 216,116,465	$ 480,665,665	$ 1,001,245,156	$ 617,127,155	$ 906,178,820	$ 5,227,281	$ 383,266,761	$ 724,143	$ 328,003,270	$ 4,325,225,553	
	18	Cost per KW of Installed Capacity (our share)	$ 2,768.40	$ 486.33	$ 586.46	$ 534.71	$ 280.95	$ 552.41	$ 687.28	$ 758.30	$ 970.06	$ 818.35	$ 619.61	$ 588.01	$ 326.71	$ 541.95	$ 3.34	$ 1,132.22	$ 618.99	
500	19	Operation Supervision and Engineering	20,065	103,478	1,169,836	609,319	46,172	-	-	-	-	-	12,960	16,748,677	-	501,341	-	2,544,249	21,757,097	500
501	20	Fuel	-	13,633,123	53,417,221	41,977,590	7,793,183	9,393,270	32,852,944	18,608,228	34,932,246	86,493,418	56,823,628	134,687,486	4,698,778	65,409,065	17,688,753	15,020,362	507,035,877	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	(13,481)	1,235,100	-	44,903	-	-	2,952,013	2,945,176	2,961,088	8,858,277	6,056,760	3,541,899	-	7,378,618	-	-	27,102,076	502
503	23	Steam From Other Sources	3,110,724	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,110,724	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	-	1,897,270	1,410,522	-	-	1,768,800	41,300	41,300	41,300	123,900	-	132,186	762,636	41,914	2,131,781	-	8,269,009	505
506	26	Misc Steam (or Nuclear) Power Expenses	1,624,844	3,853,893	-	14,615,932	2,718,842	-	2,178,619	(4,669,798)	2,791,516	300,537	9,627,725	(15,298,152)	-	7,102,076	-	991,108	25,536,805	506
507	27	Rents	1,013	32,322	201,118	63,611	1,219	3,999	38,319	31,237	35,829	105,385	89,768	728,304	293	2,000	13,072,156	7,796	14,308,984	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	754	-	-	-	-	-	-	-	-	-	1,343,814	1,361,822	-	1,490,534	404	46	4,197,374	510
551	30	Maintenance of Structures	71,562	233,317	100,339	2,543,768	74,305	138,282	1,465,213	1,783,200	1,446,619	4,695,032	1,374,744	7,673,456	-	1,064,394	-	407,401	18,376,600	551
512	31	Maintenance of Boiler (or reactor) Plant	175,465	2,403,799	-	6,598,314	531,662	-	5,138,856	7,892,743	5,782,359	16,813,958	10,468,523	24,789,113	-	8,178,136	-	9,158,156	81,117,128	512
513	32	Maintenance of Electric Plant	236,685	864,401	1,582,831	6,015,886	613,311	618,024	817,681	3,421,677	884,164	5,123,522	5,011,369	7,067,362	222	3,005,603	304,304	2,952,695	33,396,215	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	28,960	355,705	47,866	1,180,612	490,962	166,281	362,164	258,996	309,695	930,875	1,188,364	2,174,513	210,332	564,432	11,609	902,250	8,252,761	514
	34	**Total Production Expenses**	$ 5,256,591	$ 24,612,408	$ 57,929,733	$ 73,649,935	$ 12,269,856	$ 12,088,656	$ 45,947,329	$ 30,312,759	$ 49,184,816	$ 125,444,904	$ 91,997,655	$ 183,607,666	$ 5,672,261	$ 94,738,113	$ 33,209,007	$ 31,984,065	$ 752,460,650	
	35	Expenses per Net KWh	$ 0.0276	$ 0.0188	$ 0.0329	$ 0.0127	$ 0.0938	$ 0.0565	$ 0.0143	$ 0.0166	$ 0.0143	$ 0.0148	$ 0.0150	$ 0.0183	$ 0.0564	$ 0.0192	$ 0.0727	$ 0.0170	$ 0.0182	
		Total Busbar - $/MWh	$ 27.58	$ 18.75	$ 32.90	$ 12.75	$ 93.79	$ 56.47	$ 14.29	$ 16.58	$ 14.32	$ 14.80	$ 14.99	$ 18.25	$ 56.43	$ 19.22	$ 72.73	$ 16.96	$ 18.16	
		Fuel - $/MWh	$ -	$ 10.39	$ 30.34	$ 7.27	$ 59.57	$ 43.88	$ 10.25	$ 10.18	$ 10.17	$ 10.20	$ 9.26	$ 13.39	$ 46.74	$ 13.27	$ 38.74	$ 7.96	$ 12.24	
		Non-fuel - $/MWh	$ 27.58	$ 8.36	$ 2.56	$ 5.48	$ 34.22	$ 12.59	$ 4.04	$ 6.40	$ 4.15	$ 4.59	$ 5.73	$ 4.86	$ 9.68	$ 5.95	$ 33.99	$ 8.99	$ 5.92	
		Variable O&M (per RDI definition) - $/MWh	$ 2.25	$ 1.67	$ 0.49	$ 1.09	$ 6.84	$ 2.51	$ 0.81	$ 1.28	$ 0.83	$ 0.82	$ 1.14	$ 0.96	$ 1.94	$ 1.19	$ 1.07	$ 1.80	$ 1.12	
		Fixed O&M (RDI definition) - $/MWh	$ 9.01	$ 6.70	$ 2.07	$ 4.39	$ 27.38	$ 10.08	$ 3.24	$ 5.13	$ 3.32	$ 3.68	$ 4.59	$ 3.90	$ 7.75	$ 4.76	$ 32.92	$ 7.20	$ 4.81	
		Total O&M without Fuel	$ 2,145,867	$ 10,979,285	$ 4,512,512	$ 31,672,345	$ 4,476,473	$ 2,695,386	$ 12,994,385	$ 11,704,531	$ 14,252,570	$ 38,951,486	$ 35,174,027	$ 48,920,180	$ 973,483	$ 29,329,048	$ 15,520,254	$ 16,963,703	$ 245,424,773	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned	-	632,354	-	4,037,028			1,532,085	841436	1,580,669	3,954,190	2,621,873	5,695,821		2,603,974		1,357,141	20,902,381	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	11,709	-	8,080			11,180	11335	11,185	11,215	11,219	9,219		9,852		7,979	9,701	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	20.548	-	9.990			-	0	-	21.402	21.255	23.586		25.037		10.589		
	41	Average Cost of Fuel per Unit Burned	-	21.203	-	10.280			21.429	21.81	21.426	21.509	21.273	23.252		24.870		10.376		
	42	Average Cost of Fuel Burned per Million BTU	-	0.905	-	0.636			0.958	0.962	0.958	0.959	0.948	1.261		1.262		0.650		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	0.010	-	0.007			0.010	0.01	0.010	0.010	0.009	0.013		0.013		0.008		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	
	38	Quantity (units) of Fuel Burned	-	-	12,400,119		1,806,776	2,266,714							1,658,896	153,975	4,676,710		22,963,190	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	-	1,052		1,056	1,056							1,056	1,057	1,052		1,053	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	-	-		-	-							-	-	-			
	41	Average Cost of Fuel per Unit Burned	-	-	4.308		4.313	4.144							2.832	4.214	3.782			
	42	Average Cost of Fuel Burned per Million BTU	-	-	4.094		4.087	3.923							2.682	3.906	3.593			
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	0.030		0.060	0.044							0.047	-	0.039			
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrel	Barrel	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	
	38	Quantity (units) of Fuel Burned	-	2,908	-	6,336			1,830	2,949	11,726	16,505	12,812	24,008		-		10,067	72,636	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	140,000	-	140,000			140,000	140,000	140,000	140,000	140,000	140,000		-		140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	77.503	-	75.212			-	-	-	87.456	81.877	93.706				93.308		
	41	Average Cost of Fuel per Unit Burned	-	-	-	-			-	-	-	-	-	-				-		
	42	Average Cost of Fuel Burned per Million BTU	-	13.181	-	12.791			11.346	14.774	15.449	14.874	13.925	15.936				15.869		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	-	-			-	-	-	-	-	-				-		
	44	**Average BTU per KWh Net Generation**	-	11,296.21	7,409.17	11,299.53	14,584.70	11,181.57	10,657.98	10,444.35	10,317.06	10,473.83	9,595.19	10,452.85	17,426.80	10,441.73	10,774.51	11,514.32	10,381.65	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Currant Creek	Dave Johnston Plant	Gadsby Plant	Gadsby Peakers	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Lake Side	Little Mountain	Naughton Plant	West Valley Peakers	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Gas Turbine	Steam	Steam	Gas Turbine	Steam	Steam	Steam	Steam	Steam	Steam	Combined Cycle	Gas Turbine	Steam	Gas Turbine	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Outdoor	Semi-Outdoor	Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor	Conventional		
	3	Year Originally Constructed	1984	1954	2005	1959	1951	2002	1978	1980	1983	1978	1974	1974	2007	1972	1963	2002	1978		
	4	Year Last Unit was Installed	1984	1957	2006	1972	1955	2002	1978	1980	1983	1983	1977	1979	2007	1972	1971	2002	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	38.1	188.6	566.9	816.8	257.6	141.0	443.0	285.0	495.6	1,223.6	996.0	1,541.1	548.0	16.0	707.2	217.0	289.7	7,547.6	
	6	Net Peak Demand on Plant - MW (60 minutes)	37	174	568	758	194	124	411	264	483	1,130	918	1,414	594	17	706	215	278	7,155	
	7	Plant Hours Connected to Load	7,038	8,661	8,370	8,753	3,520	5,110	8,231	8,405	7,017	8,760	8,759	8,759	2,482	8,302	8,760	5,947	8,600		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	When Not Limited by Condenser Water	34	172	540	762	235	120	403	259	460	1,122	695	1,413	548	14	700	202	268	7,025	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	15	69	21	191	37	-	74	74	74	222	163	341	21	6	140	8	72	1,306	
	12	**Net Generation, Exclusive of Plant Use - KWh**	163,875,000	1,339,343,000	3,605,071,000	5,696,860,000	305,832,000	327,217,000	3,035,550,000	2,052,174,000	2,950,942,000	8,038,666,000	7,127,084,000	###########	1,185,861,000	112,602,000	5,210,618,000	667,031,000	2,256,168,000	###########	
	13	Cost of Plant: Land and Land Rights	41,195,596	956,546	3,403,030	10,451,083	1,252,090	-	9,688,975	9,688,975	10,275,401	29,653,351	2,386,762	1,161,925	17,296,760	635	4,290,794	-	210,526	112,259,118	
	14	Structures and Improvements	6,698,624	12,437,266	42,374,901	50,697,737	14,068,046	4,121,643	61,926,142	50,727,551	89,910,667	202,564,360	112,015,877	134,968,247	41,901,000	217,599	64,349,044	116,354	47,920,904	734,451,602	
	15	Equipment Costs	64,426,128	78,212,060	284,996,242	383,610,279	56,537,656	71,981,641	229,829,854	153,309,304	402,956,162	786,095,320	507,906,766	785,821,165	284,392,458	5,071,833	323,952,614	622,401	271,746,601	3,915,373,164	
	16	Asset Retirement Costs	1,336,278	1,852,187	134,848	6,594,275	676,487	-	1,062,923	1,062,923	1,062,923	3,188,769	2,505,034	6,663,361	-	-	2,841,694	-	761,616	26,554,549	
	17	**Total Cost**	$ 113,656,626	$ 93,458,059	$ 340,909,021	$ 451,353,374	$ 72,534,279	$ 76,103,284	$ 302,507,894	$ 214,788,753	$ 504,205,153	###########	$ 624,814,459	$ 928,614,698	$ 343,590,218	$ 5,290,067	$ 395,434,146	$ 738,755	$ 320,639,647	###########	
	18	Cost per KW of Installed Capacity (our share)	$ 2,983.11	$ 495.54	$ 601.36	$ 552.59	$ 281.58	$ 539.74	$ 682.86	$ 753.64	$ 1,017.36	$ 834.83	$ 627.32	$ 602.57	$ 626.99	$ 330.63	$ 559.15	$ 3.40	$ 1,106.80	$ 634.46	
500	19	Operation Supervision and Engineering	31,426	101,996	698,439	695,375	39,175	-	(1)	(1)	(1)	(3)	13,432	17,855,550	31,314	-	435,688	-	558,023	20,461,015	500
501	20	Fuel	-	16,105,801	151,425,146	42,371,196	26,414,704	22,993,864	37,892,177	24,841,550	34,651,787	97,385,514	82,679,450	139,077,086	45,771,901	11,906,700	77,343,857	41,701,673	18,167,354	773,344,246	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	(8,229)	1,136,931	-	-	379	-	2,925,851	2,946,653	2,937,596	8,810,100	7,926,745	3,807,725	-	-	6,809,204	-	-	28,482,855	502
503	23	Steam From Other Sources	4,845,079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,845,079	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	-	1,917,701	1,819,594	-	-	1,636,826	-	-	-	-	-	8,038	1,253,357	955,208	9,184	8,999,446	-	16,599,354	505
506	26	Misc Steam (or Nuclear) Power Expenses	1,579,607	4,730,820	16,093	14,956,185	3,325,222	-	2,633,887	139,052	3,070,682	5,843,621	10,301,575	(16,196,118)	-	-	9,409,653	-	4,081,478	38,048,136	506
507	27	Rents	1,458	16,554	2,123	212,751	-	-	1,522	1,522	2,691	5,735	34,384	432,434	-	-	2,000	10,977,690	9,934	11,695,063	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	-	-	-	-	-	-	-	-	-	-	1,380,545	843,513	-	-	1,104,599	-	614	3,329,271	510
551	30	Maintenance of Structures	158,507	224,407	323,875	2,345,496	157,495	183,422	1,975,615	1,828,705	2,229,888	6,034,208	1,602,737	7,908,487	15,979	-	1,964,606	92,698	497,413	21,510,330	551
512	31	Maintenance of Boiler (or reactor) Plant	319,944	1,973,419	-	8,945,570	1,227,508	-	5,620,197	4,665,389	12,660,913	22,946,499	6,275,922	29,006,788	-	-	8,573,325	-	4,922,299	84,191,274	512
513	32	Maintenance of Electric Plant	1,450,796	708,098	2,813,553	7,651,191	939,500	646,701	795,557	937,187	3,711,889	5,444,633	1,298,451	7,703,496	545,625	-	3,422,281	624,790	958,974	34,208,089	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	66,958	373,684	51,664	1,554,039	572,389	145,817	221,234	117,679	119,882	458,795	1,263,732	2,144,172	1,081	59,927	980,042	136,817	554,950	8,364,067	514
	34	**Total Production Expenses**	$ 8,445,546	$ 27,269,411	$ 157,150,487	$ 76,732,403	$ 32,676,372	$ 25,606,630	$ 52,066,039	$ 35,477,736	$ 59,385,327	$ 146,929,102	$ 112,776,973	$ 192,592,171	$ 47,619,257	$ 12,921,835	$ 110,054,439	$ 62,533,114	$ 29,751,039	###########	
	35	Expenses per Net KWh	$ 0.0515	$ 0.0204	$ 0.0436	$ 0.0136	$ 0.1068	$ 0.0783	$ 0.0172	$ 0.0173	$ 0.0201	$ 0.0183	$ 0.0158	$ 0.0192	$ 0.0402	$ 0.1148	$ 0.0211	$ 0.0937	$ 0.0132	$ 0.0227	
		Total Busbar - $/MWh	$ 51.54	$ 20.38	$ 43.59	$ 13.82	$ 106.84	$ 78.26	$ 17.15	$ 17.29	$ 20.12	$ 18.28	$ 15.82	$ 19.15	$ 40.16	$ 114.76	$ 21.12	$ 93.75	$ 13.19	$ 22.67	
		Fuel - $/MWh	$ -	$ 12.03	$ 42.00	$ 7.44	$ 86.37	$ 70.27	$ 12.48	$ 12.10	$ 11.74	$ 12.11	$ 11.60	$ 13.83	$ 38.60	$ 105.74	$ 14.84	$ 62.52	$ 8.05	$ 16.78	
		Non-fuel - $/MWh	$ 51.54	$ 8.35	$ 1.59	$ 6.38	$ 20.47	$ 7.98	$ 4.67	$ 5.18	$ 8.38	$ 6.16	$ 4.22	$ 5.32	$ 1.56	$ 9.02	$ 6.28	$ 31.23	$ 5.13	$ 5.90	
		Variable O&M (per RDI definition) - $/MWh	$ 4.39	$ 1.67	$ 0.32	$ 1.27	$ 4.09	$ 1.60	$ 0.93	$ 1.04	$ 1.68	$ 1.23	$ 0.84	$ 1.06	$ 0.31	$ 1.80	$ 1.26	$ 2.96	$ 1.03	$ 1.13	
		Fixed O&M (RDI definition) - $/MWh	$ 17.58	$ 6.68	$ 1.27	$ 5.11	$ 16.38	$ 6.39	$ 3.74	$ 4.15	$ 6.71	$ 4.93	$ 3.38	$ 4.27	$ 1.25	$ 7.21	$ 5.02	$ 28.28	$ 4.11	$ 4.77	
		Total O&M without Fuel	$ 3,600,467	$ 11,183,610	$ 5,725,341	$ 36,361,207	$ 6,261,668	$ 2,612,766	$ 14,173,862	$ 10,636,186	$ 24,733,540	$ 49,543,568	$ 30,097,523	$ 53,515,085	$ 1,847,356	$ 1,015,135	$ 32,710,582	$ 20,831,441	$ 11,583,685	$ 271,734,533	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned	-	640,585	-	3,942,421			1,479,754	970140	1,329,439	3,779,332	3,221,777	5,709,196			2,772,108		1,651,101	21,716,521	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	12,115	-	8,052			11,290	11356	11,260	11,296	11,318	9,136			9,929		7,830	9,729	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	24.393	-	10.515			-	0	-	25.272	25.534	23.981			27.456		10.808		
	41	Average Cost of Fuel per Unit Burned	-	24.621	-	10.595			25.266	25.437	24.492	25.038	25.388	23.894			27.461		10.812		
	42	Average Cost of Fuel Burned per Million BTU	-	1.016	-	0.658			1.119	1.12	1.088	1.108	1.122	1.308			1.383		0.690		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	0.011	-	0.007			0.012	0.012	0.011	0.012	0.011	0.014			0.015		0.008		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	
	38	Quantity (units) of Fuel Burned	-	-	24,810,285		4,118,910	3,736,433							7,761,318	1,945,941	188,191	7,097,553		49,658,631	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	-	1,045		1,053	1,047							1,050	1,014	1,065	1,041		1,045	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	-	-		-	-							-	-	-	-			
	41	Average Cost of Fuel per Unit Burned	-	-	6.103		6.413	6.154							5.897	6.119	6.478	5.876			
	42	Average Cost of Fuel Burned per Million BTU	-	-	5.842		6.093	5.879							5.616	6.034	6.311	5.645			
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	0.042		0.086	0.070							0.039	0.105	-	0.063			
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrel	Barrel	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	
	38	Quantity (units) of Fuel Burned	-	3,347	-	6,298			5,013	1,662	21,173	27,848	8,997	29,450					3,340	79,281	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	140,000	-	140,000			140,000	140,000	140,000	140,000	140,000	140,000					140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	99.736	-	95.166			-	-	-	99.112	98.288	90.283					94.502		
	41	Average Cost of Fuel per Unit Burned	-	-	-	-			-	-	-	-	-	-					-		
	42	Average Cost of Fuel Burned per Million BTU	-	16.962	-	16.185			17.139	16.816	16.792	16.856	16.716	15.354					16.072		
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	-				-	-	0.001								-		
	44	**Average BTU per KWh Net Generation**	-	11,603.49	7,191.74	11,151.02	14,181.68	11,955.51	11,016.89	10,741.58	10,187.75	10,641.87	10,239.96	10,392.32	6,872.12	17,523.53	10,603.15	11,076.78	11,468.95	10,303.56	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Chehalis Plant	Currant Creek	Dave Johnston Plant	Gadsby Plant	Gadsby Peakers	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Lake Side	Little Mountain	Naughton Plant	West Valley Peakers	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Combined Cycle	Gas Turbine	Steam	Steam	Gas Turbine	Steam	Steam	Steam	Steam	Steam	Steam	Combined Cycle	Gas Turbine	Steam	Gas Turbine	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Outdoor	Outdoor	Semi-Outdoor	Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor	Conventional		
	3	Year Originally Constructed	1984	1954	2003	2005	1959	1951	2002	1978	1980	1983	1978	1974	1974	2007	1972	1963	2002	1978		
	4	Year Last Unit was Installed	1984	1957	2003	2006	1972	1955	2002	1978	1980	1983	1983	1977	1979	2007	1972	1971	2002	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	38.1	168.6	520.0	566.9	816.8	257.6	141.0	443.0	285.0	495.6	1,223.6	996.0	1,541.1	548.0	16.0	707.2	217.0	289.7	8,067.6	
	6	Net Peak Demand on Plant - MW (60 minutes)	37	174	525	571	764	219	124	406	261	477	1,126	906	1,405	601	17	705	194	280	7,666	
	7	Plant Hours Connected to Load	8,338	8,625	1,686	7,752	8,784	3,079	4,156	8,323	8,617	8,269	8,781	8,770	8,784	7,234	8,040	8,784	1,757	8,454		
	8	Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	When Not Limited by Condenser Water	34	172	520	540	762	235	120	403	259	460	1,122	895	1,413	548	14	700	202	268	7,545	
	10	When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Average Number of Employees	22	70	17	21	191	39	-	-	-	-	220	164	345	19	6	144	6	69	1,113	
	12	**Net Generation, Exclusive of Plant Use - KWh**	254,277,000	1,204,982,000	588,458,000	2,799,585,000	5,638,806,000	232,078,000	250,518,000	3,114,957,000	2,042,967,000	3,533,797,000	8,691,721,000	7,146,850,000	##########	2,861,722,000	109,568,000	5,114,409,000	126,285,000	2,252,799,000	##########	
	13	Cost of Plant: Land and Land Rights	41,195,596	956,546	-	3,403,277	10,451,083	1,252,090	-	9,688,975	9,688,975	10,275,401	29,653,351	2,386,782	1,161,925	17,296,760	635	4,290,826	-	210,526	112,259,397	
	14	Structures and Improvements	7,404,973	14,151,830	-	43,236,674	52,148,635	15,055,364	4,121,643	62,728,682	51,661,298	90,839,287	205,229,267	111,555,214	135,136,580	27,057,001	267,331	65,636,170	-	49,014,021	730,016,703	
	15	Equipment Costs	66,334,256	91,596,954	-	304,844,265	404,891,472	57,668,039	71,880,691	231,862,809	154,914,041	402,601,688	789,378,538	516,465,783	814,872,756	305,014,470	5,092,337	331,940,962	-	274,990,749	4,034,971,272	
	16	Asset Retirement Costs	1,336,278	2,951,381	-	134,848	6,874,431	587,008	-	1,023,554	1,023,554	1,023,554	3,070,663	2,351,656	6,663,361	-	-	2,650,267	-	613,826	27,233,918	
	17	**Total Cost**	$ 116,271,103	$ 109,656,711	$ -	$ 351,619,064	$ 474,365,621	$ 74,562,501	$ 76,002,334	$ 305,304,020	$ 217,287,868	$ 504,739,930	##########	$ 632,759,635	$ 957,836,622	$ 349,368,231	$ 5,360,303	$ 404,518,225	$ -	$ 324,829,122	##########	
	18	Cost per KW of Installed Capacity (our share)	$ 3,051.73	$ 581.42	-	$ 620.25	$ 580.76	$ 289.45	$ 539.02	$ 689.17	$ 762.41	$ 1,018.44	$ 839.60	$ 635.30	$ 621.53	$ 637.53	$ 335.02	$ 572.00	$ -	$ 1,121.26	$ 607.92	
500	19	Operation Supervision and Engineering	33,075	312,553		92,344	765,017	78,893	-	(5,903)	(5,903)	(5,903)	(17,709)	15,251	18,053,815	126,122	-	461,800		206,365	20,127,526	500
501	20	Fuel	-	18,529,823	42,288,408	157,074,310	50,187,768	26,301,622	23,997,222	39,811,612	25,535,122	43,074,989	108,421,723	81,271,884	149,060,097	157,112,030	16,778,091	76,503,802	10,992,119	19,521,169	938,040,068	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	(234,842)	1,229,297	-	-	5,679	-	-	3,014,808	3,015,203	3,004,795	9,034,806	8,595,373	3,610,169	-	-	7,377,173	-	-	29,617,655	502
503	23	Steam From Other Sources	3,371,385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,371,385	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	-	1,860,316	1,301,982	2,503,145	-	-	1,555,365	-	-	-	-	-	2,475	2,712,172	947,555	920	3,006,572	-	13,890,502	505
506	26	Misc Steam (or Nuclear) Power Expenses	2,291,026	5,188,701	-	-	15,340,716	3,446,842	-	2,244,196	(2,248,468)	2,740,942	2,736,670	10,267,855	(15,463,153)	-	-	8,591,754	-	4,112,755	36,513,166	506
507	27	Rents	3,024	13,989	27,423	1,206	31,348	-	-	29	29	29	87	14,493	186,164	-	-	-	4,583,304	4,958	4,865,996	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	-	-	-	-	-	-	-	-	-	-	-	1,245,563	500,548	-	-	1,206,951	-	48	2,953,110	510
551	30	Maintenance of Structures	295,344	224,153	9,978	405,205	1,861,787	246,773	113,442	2,206,000	2,064,150	1,839,573	6,109,723	1,550,821	11,080,899	585,449	-	1,139,518	166,275	356,591	24,145,958	551
512	31	Maintenance of Boiler (or reactor) Plant	248,805	2,713,820	-	-	10,190,326	1,291,713	-	5,245,970	5,230,491	7,864,514	18,340,975	6,866,869	23,146,750	-	-	5,974,226	-	5,548,421	74,323,905	512
513	32	Maintenance of Electric Plant	489,274	1,673,829	515,059	2,906,153	8,025,256	1,221,612	915,946	1,133,467	1,247,336	541,738	2,922,535	1,244,964	7,676,159	1,650,854	91,556	1,793,996	314,608	1,053,128	32,494,930	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	63,391	412,789	-	-	1,434,677	262,672	-	157,798	164,245	262,578	584,621	1,212,918	2,726,422	-	-	636,100	-	366,653	7,700,243	514
	34	**Total Production Expenses**	$ 6,560,462	$ 32,159,270	$ 44,142,850	$ 162,982,363	$ 87,842,574	$ 32,850,127	$ 26,581,975	$ 53,807,972	$ 35,002,205	$ 59,323,255	$ 148,133,431	$ 112,285,991	$ 200,562,345	$ 162,186,627	$ 17,817,202	$ 103,686,240	$ 19,062,878	$ 31,170,088	##########	
	35	Expenses per Net KWh	$ 0.0258	$ 0.0267	$ 0.0750	$ 0.0582	$ 0.0156	$ 0.1415	$ 0.1061	$ 0.0173	$ 0.0171	$ 0.0168	$ 0.0170	$ 0.0157	$ 0.0197	$ 0.0567	$ 0.1626	$ 0.0203	$ 0.1510	$ 0.0138	$ 0.0250	
		Total Busbar - $/MWh	$ 25.80	$ 26.69	$ 75.01	$ 58.22	$ 15.58	$ 141.55	$ 106.11	$ 17.27	$ 17.13	$ 16.79	$ 17.04	$ 15.71	$ 19.73	$ 56.67	$ 162.61	$ 20.27	$ 150.95	$ 13.84	$ 25.04	
		Fuel - $/MWh	$ -	$ 15.38	$ 71.86	$ 56.11	$ 8.90	$ 113.33	$ 95.79	$ 12.78	$ 12.50	$ 12.19	$ 12.47	$ 11.37	$ 14.66	$ 54.90	$ 153.13	$ 14.96	$ 87.04	$ 8.67	$ 19.77	
		Non-fuel - $/MWh	$ 25.80	$ 11.31	$ 3.15	$ 2.11	$ 6.68	$ 28.22	$ 10.32	$ 4.49	$ 4.63	$ 4.60	$ 4.57	$ 4.34	$ 5.07	$ 1.77	$ 9.48	$ 5.31	$ 63.91	$ 5.17	$ 5.27	
		~~Variable O&M (per RDI definition) - $/MWh~~	~~$ 2.51~~	~~$ 2.28~~	~~$ 0.62~~	~~$ 0.42~~	~~$ 1.33~~	~~$ 5.64~~	~~$ 2.06~~	~~$ 0.90~~	~~$ 0.93~~	~~$ 0.92~~	~~$ 0.91~~	~~$ 0.87~~	~~$ 1.01~~	~~$ 0.35~~	~~$ 1.90~~	~~$ 1.06~~	~~$ 5.52~~	~~$ 1.03~~	~~$ 1.03~~	
		Fixed O&M (RDI definition) - $/MWh	$ 10.04	$ 9.05	$ 2.53	$ 1.69	$ 5.34	$ 22.57	$ 8.25	$ 3.59	$ 3.71	$ 3.68	$ 3.66	$ 3.47	$ 4.06	$ 1.42	$ 7.59	$ 4.25	$ 58.39	$ 4.14	$ 4.24	
		Total O&M without Fuel	$ 3,189,097	$ 13,629,447	$ 1,854,442	$ 5,908,053	$ 37,654,806	$ 6,548,505	$ 2,584,753	$ 13,996,360	$ 9,467,083	$ 16,248,266	$ 39,711,708	$ 31,014,107	$ 51,522,248	$ 5,074,597	$ 1,039,111	$ 27,182,438	$ 8,070,759	$ 11,648,919	$ 250,004,376	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned		576,654			4,024,867			1,485,395	952,476	1,569,283	4,007,154	3,004,101	5,688,443			2,767,902		1,657,686	21,726,807	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		11,951			7,969			11,563	11,607	11,540	11,570	11,857	9,249			9,858		7,821	9,840	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		31.135			12.167			-	-	-	26.252	25.199	25.790			27.315		11.511		
	41	Average Cost of Fuel per Unit Burned		31.351			12.135			26.498	26.709	26.493	26.546	26.705	25.816			27.117		11.505		
	42	Average Cost of Fuel Burned per Million BTU		1.282			0.756			1.129	1.125	1.132	1.129	1.092	1.369			1.374		0.736		
	43	Average Cost of Fuel Burned per KWh Net Gen		0.015			0.009			0.012	0.012	0.012	0.012	0.011	0.014			0.015		0.008		
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	
	38	Quantity (units) of Fuel Burned			4,188,285	19,384,161		3,124,563	2,882,672						19,419,993	2,026,700	163,367	1,402,458		52,592,199		
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)			1,030	1,054		1,057	1,057						1,042	1,058	1,047	1,056		1,048		
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year			-	-		-	-						-	-	-	-				
	41	Average Cost of Fuel per Unit Burned			10.097	8.103		6.418	8.325						8.090	8.279	8.863	7.838				
	42	Average Cost of Fuel Burned per Million BTU			13.478	7.686		7.961	7.878						7.767	7.827	8.448	7.485				
	43	Average Cost of Fuel Burned per KWh Net Gen			0.072	0.056		0.113	0.096						0.055	0.153	-	0.067				
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrel	Barrel	Barrel	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	
	38	Quantity (units) of Fuel Burned		3,243			10,941			3,165	750	11,091	15,006	8,268	18,419					3,680	59,577	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		140,000			140,000			140,000	140,000	140,000	140,000	140,000	140,000					140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year		139.133			122.869			-	-	-	136.486	126.335	119.988					122.186		
	41	Average Cost of Fuel per Unit Burned		-			-			-	-	-	-	-	-					-		
	42	Average Cost of Fuel Burned per Million BTU		23.662			20.896			24.291	21.656	23.009	23.212	21.486	20.406					20.780		
	43	Average Cost of Fuel Burned per KWh Net Gen		-			-			-	-	-	-	-	-					-		
	44	**Average BTU per KWh Net Generation**	-	11,454.32	7,330.91	7,297.83	11,387.63	14,230.83	12,162.74	11,033.81	10,825.03	10,267.78	10,678.41	9,971.95	10,362.50	7,071.14	19,570.03	10,703.68	11,727.41	11,519.52	10,182.68	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Chehalis Plant	Currant Creek	Dave Johnston Plant	Gadsby Plant	Gadsby Peakers	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Lake Side	Little Mountain	Naughton Plant	Wyodak Plant	Thermal Plants Total	FERC Acct no.
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Combined Cycle	Combined Cycle	Steam	Steam	Gas Turbine	Steam	Steam	Steam	Steam	Steam	Steam	Combined Cycle	Gas Turbine	Steam	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Outdoor	Outdoor	Semi-Outdoor	Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Conventional		
	3	Year Originally Constructed	1984	1954	2003	2005	1959	1951	2002	1978	1980	1983	1978	1974	1974	2007	1972	1963	1978		
	4	Year Last Unit was Installed	2007	1957	2003	2006	1972	1955	2002	1978	1980	1983	1983	1977	1979	2007	1972	1971	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	38.1	188.6	593.3	566.9	816.8	251.6	181.1	457.7	294.5	495.6	1247.8	996	1545.1	591.3	16	707.2	289.7	8,029.5	
	6	Net Peak Demand on Plant - MW (60 minutes)	36	176	519	568	766	200	121	406	260	465	1118	893	1427	597	17	710	280	7,441	
	7	Plant Hours Connected to Load	8594	8717	4652	7654	8760	3753	5982	8165	7977	8076	8760	8716	8760	5912	7976	8760	8315		
	8	Net Continuous Plant Capability (Megawatts)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	9	When Not Limited by Condenser Water	34	172	520	550	762	231	122	403	259	460	1122	895	1411	558	14	700	268	7,359	
	10	When Limited by Condenser Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	11	Average Number of Employees	22	70	18	19	189	38	0	0	0	0	223	166	346	22	6	144	67	1,107	
	12	**Net Generation, Exclusive of Plant Use - KWh**	279,121,000	1,211,875,000	1,747,252,000	2,464,463,000	5,015,234,000	256,104,000	349,713,000	2,988,412,000	1,919,186,000	3,163,584,000	8,071,182,000	6,753,764,000	##########	2,099,013,000	109,399,000	4,752,632,000	2,173,325,000	45,488,865,000	
	13	Cost of Plant: Land and Land Rights	41,195,596	956,546	1,973,791	3,403,277	10,451,083	1,252,090	-	9,688,975	9,688,975	10,275,401	29,653,351	2,386,782	1,161,925	17,296,760	635	4,290,826	210,526	114,233,188	
	14	Structures and Improvements	7,900,332	14,711,825	23,230,141	43,802,097	57,419,130	15,072,596	4,241,952	63,023,096	51,902,741	91,048,170	205,974,007	114,795,130	139,315,508	27,700,094	337,028	68,909,211	50,622,953	774,032,004	
	15	Equipment Costs	68,774,244	103,555,029	313,849,140	305,516,243	478,527,178	58,376,560	72,822,026	232,879,738	155,835,995	409,607,088	796,322,821	519,092,603	842,656,040	306,701,044	5,211,774	366,019,199	278,115,837	4,517,539,738	
	16	Asset Retirement Costs	1,336,278	6,527,359	689,117	134,848	11,441,950	587,008	-	953,193	953,193	953,193	2,859,579	2,528,174	4,672,990	-	-	6,618,388	613,826	38,009,517	
	17	**Total Cost**	$ 119,206,450	$ 125,750,759	$ 339,742,189	$ 352,856,465	$ 557,839,341	$ 75,288,254	$ 77,063,978	$ 306,545,002	$ 218,380,904	$ 511,883,852	##########	$ 638,802,689	$ 987,806,463	$ 351,697,898	$ 5,548,437	$ 445,837,624	$ 329,563,142	$ 5,443,814,447	
	18	Cost per KW of Installed Capacity (our share)	$ 3,128.78	$ 666.76	$ 572.63	$ 622.43	$ 682.96	$ 299.24	$ 425.53	$ 669.75	$ 741.53	$ 1,032.86	$ 830.91	$ 641.37	$ 639.32	$ 594.79	$ 346.84	$ 630.43	$ 1,137.60	$ 677.98	
500	19	Operation Supervision and Engineering	50,045	61,684	83,486	99,940	709,742	112,089	-	9	-	-	9	27,278	18,005,919	133,539	-	324,827	230,568	19,839,126	500
501	20	Fuel	-	19,612,994	89,420,353	147,818,357	45,387,118	34,139,992	35,489,120	39,453,933	25,483,250	39,919,514	104,856,697	72,225,359	153,880,101	118,839,066	17,244,593	74,045,306	19,381,981	932,341,037	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	5,426	1,396,202	-	-	(40,618)	-	-	2,885,015	2,879,751	2,895,780	8,660,546	7,937,097	3,955,919	-	-	5,333,061	-	27,247,633	502
503	23	Steam From Other Sources	3,597,576	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,597,576	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	-	1,810,205	2,661,898	2,351,396	-	-	1,641,160	-	-	-	-	-	6,741	2,606,241	906,225	9,228	-	11,993,094	505
506	26	Misc Steam (or Nuclear) Power Expenses	1,806,790	4,934,749	-	-	17,159,533	4,077,590	-	1,866,496	(3,012,030)	2,495,825	1,350,291	10,861,739	(14,874,547)	-	-	9,224,358	4,272,348	38,812,851	506
507	27	Rents	9,640	170	15,909	6,149	148,543	-	-	36	36	36	108	99,829	162,397	-	-	-	6,288	449,033	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	-	-	-	-	-	-	-	-	-	-	-	1,148,565	565,038	-	-	1,225,396	5,556	2,944,555	510
551	30	Maintenance of Structures	162,048	336,038	10,917	250,824	2,442,564	220,739	193,326	2,020,238	1,949,545	1,841,148	5,810,931	2,102,720	8,014,043	1,088,964	-	1,439,317	474,208	22,546,639	551
512	31	Maintenance of Boiler (or reactor) Plant	153,519	2,988,372	-	-	12,629,287	1,772,321	-	5,066,533	5,095,985	8,726,696	18,889,214	8,062,385	24,007,785	-	-	10,677,987	5,398,045	84,578,915	512
513	32	Maintenance of Electric Plant	403,022	1,556,410	2,875,548	6,436,998	8,595,794	850,210	2,986,597	1,066,457	1,170,308	1,187,195	3,423,960	2,080,488	8,326,771	1,885,555	712,185	4,789,264	1,451,664	46,354,466	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	55,291	294,454	-	-	1,702,185	188,443	-	92,204	115,600	211,740	419,544	1,211,100	2,904,601	-	-	1,024,574	288,544	8,088,736	514
	34	**Total Production Expenses**	$ 6,243,357	$ 32,991,278	$ 95,068,111	$ 156,963,664	$ 88,734,148	$ 41,361,384	$ 40,290,203	$ 52,450,921	$ 33,682,445	$ 57,277,934	$ 143,411,300	$ 105,756,560	$ 204,954,768	$ 124,553,365	$ 18,863,003	$ 108,093,318	$ 31,509,202	$ 1,198,793,661	
	35	Expenses per Net KWh	$ 0.0224	$ 0.0272	$ 0.0544	$ 0.0637	$ 0.0177	$ 0.1615	$ 0.1152	$ 0.0176	$ 0.0176	$ 0.0181	$ 0.0178	$ 0.0157	$ 0.0201	$ 0.0593	$ 0.1724	$ 0.0227	$ 0.0145	$ 0.0264	
		Total Busbar - $/MWh	$ 22.37	$ 27.22	$ 54.41	$ 63.69	$ 17.69	$ 161.50	$ 115.21	$ 17.55	$ 17.55	$ 18.11	$ 17.77	$ 15.66	$ 20.08	$ 59.34	$ 172.42	$ 22.74	$ 14.50	$ 26.35	
		Fuel - $/MWh	$ -	$ 16.18	$ 51.18	$ 59.98	$ 9.05	$ 133.31	$ 101.48	$ 13.20	$ 13.28	$ 12.62	$ 12.99	$ 10.69	$ 15.08	$ 56.62	$ 157.63	$ 15.58	$ 8.92	$ 20.50	
		Non-fuel - $/MWh	$ 22.37	$ 11.04	$ 3.23	$ 3.71	$ 8.64	$ 28.20	$ 13.73	$ 4.35	$ 4.27	$ 5.49	$ 4.78	$ 4.96	$ 5.00	$ 2.72	$ 14.79	$ 7.16	$ 5.58	$ 5.86	
		Variable O&M (per RDI definition) - $/MWh	$ 1.89	$ 2.21	$ 0.64	$ 0.74	$ 1.72	$ 5.64	$ 2.75	$ 0.87	$ 0.85	$ 1.10	$ 0.96	$ 0.99	$ 1.00	$ 0.54	$ 2.96	$ 1.43	$ 1.12	$ 1.17	
		Fixed O&M (RDI definition) - $/MWh	$ 7.59	$ 8.83	$ 2.59	$ 2.97	$ 6.92	$ 22.56	$ 10.98	$ 3.48	$ 3.42	$ 4.39	$ 3.82	$ 3.97	$ 4.01	$ 2.18	$ 11.83	$ 5.73	$ 4.46	$ 4.69	
		Total O&M without Fuel	$ 2,645,781	$ 13,378,284	$ 5,647,758	$ 9,145,307	$ 43,347,030	$ 7,221,392	$ 4,801,083	$ 12,996,988	$ 8,199,195	$ 17,358,420	$ 38,554,603	$ 33,531,201	$ 51,074,667	$ 5,714,299	$ 1,618,410	$ 34,048,012	$ 12,127,221	$ 266,452,624	
	36	Fuel Kind (Coal, Gas, Oil, or Nuclear)	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned		561,433			3,561,945			1,429,788	916,714	1,429,028	3,775,530	2,742,685	5,605,754			2,494,866	1,608,054	20,350,267	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		12,079			7,986			11,494	11,613	11,414	11,508	12,329	9,219			9,907	7,968	9,909	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year		34,043			12,288						27,494	25,969	27,430			28,529	11,782		
	41	Average Cost of Fuel per Unit Burned		34,404			12,298			27,370	27,449	27,262	27,349	25,959	27,153			28,586	11,670		
	42	Average Cost of Fuel Burned per Million BTU		1,424			0,770			1,191	1,182	1,194	1,188	1,053	1,473			1,443	0,732		
	43	Average Cost of Fuel Burned per KWh Net Gen		0,016			0,009			0,013	0,013	0,012	0,013	0,011	0,015			0,015	0,009		
	36	Fuel Kind (Coal, Gas, Oil, or Nuclear)	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	
	38	Quantity (units) of Fuel Burned			12,530,185	17,314,372		3,628,836	4,019,844							14,857,205	1,977,227	409,757		54,737,426	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)			1,032	1,052		1,043	1,046							1,032	1,046	1,033		1,041	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year			7,136	8,537		9,408	8,828							7,999	8,722	6,654			
	41	Average Cost of Fuel per Unit Burned			7,136	8,537		9,408	8,828							7,999	8,722	6,654			
	42	Average Cost of Fuel Burned per Million BTU			6,918	8,118		9,024	8,442							7,754	8,339	6,440			
	43	Average Cost of Fuel Burned per KWh Net Gen			0,051	0,060		0,133	0,101							0,057	0,156	0,001			
	36	Fuel Kind (Coal, Gas, Oil, or Nuclear)	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrel	Barrel	Barrel	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	
	38	Quantity (units) of Fuel Burned		3,456			18,425			3,447	3,490	10,817	17,754	10,980	17,615				6,243	74,473	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)		140,000			140,000			140,000	140,000	140,000	140,000	140,000	140,000				140,000	140,000	
	40	Avg Cost of Fuel/unit, as Delvd f o b during year		86,065			85,805						90,181	93,715	94,516				98,704		
	41	Average Cost of Fuel per Unit Burned		86,065			85,805						90,181	93,715	94,516				98,704		
	42	Average Cost of Fuel Burned per Million BTU		14,637			14,593			15,797	15,598	15,106	15,337	15,938	16,074				16,787		
	43	Average Cost of Fuel Burned per KWh Net Gen																			
	44	**Average BTU per KWh Net Generation**	-	11,208.60	7,400.85	7,390.95	11,365.32	14,778.67	12,023.45	11,005.25	11,104.77	10,331.78	10,779.34	10,023.11	10,137.63	7,304.69	18,904.92	10,490.30	11,808.02	10,127.33	

FERC Acct no.	Form 1 Line no.		Blundell Plant	Carbon Plant	Chehalis Plant	Currant Creek	Dave Johnston Plant	Gadsby Plant	Gadsby Peakers	Hunter Unit No. 1	Hunter Unit No. 2	Hunter Unit No. 3	Hunter Plant	Huntington Plant	Jim Bridger Plant	Lake Side	Little Mountain	Naughton Plant	Wyodak Plant	Thermal Plants Total	FERC Acct no
	1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam - Geo	Steam	Combined Cycle	Gas Turbine	Steam	Steam	Gas Turbine	Steam	Steam	Steam	Steam	Steam	Steam	Combined Cycle	Gas Turbine	Steam	Steam		
	2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Indoor	Outdoor Boiler	Outdoor	Outdoor	Semi-Outdoor	Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	Semi-Outdoor	Outdoor	Outdoor Boiler	Outdoor Boiler	Conventional		
	3	Year Originally Constructed	1984	1954	2003	2005	1959	1951	2002	1978	1980	1983	1978	1974	1974	2007	1972	1963	1978		
	4	Year Last Unit was Installed	2007	1957	2003	2006	1972	1955	2002	1978	1980	1983	1983	1977	1979	2007	1972	1971	1978		
	5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	38.1	188.6	593.3	566.9	816.8	251.6	181.1	457.7	294.5	495.6	1247.8	996	1545.1	591.3	16	707.2	289.7	8,029.5	
	6	Net Peak Demand on Plant - MW (60 minutes)	36	175	516	567	739	194	124	429	259	470	1132	893	1426	581	16	708	278	7,411	
	7	Plant Hours Connected to Load	8607	8750	3651	8480	8760	1661	8760	7027	7845	8321	8741	8567	8754	7569	8150	8760	8025		
	8	Net Continuous Plant Capability (Megawatts)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	9	When Not Limited by Condenser Water	34	172	520	550	762	231	120	418	259	460	1137	911	1412	558	14	700	268	7,389	
	10	When Limited by Condenser Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	11	Average Number of Employees	22	69	17	19	179	35	0	0	0	0	212	163	335	21	6	140	59	1,065	
	12	**Net Generation, Exclusive of Plant Use - KWh**	247,359,000	1,296,004,000	1,288,256,000	2,536,660,000	4,699,767,000	104,123,000	255,281,000	2,572,955,000	1,667,003,000	3,296,437,000	7,536,395,000	6,107,379,000	9,833,000,000	2,537,046,000	100,773,000	5,339,603,000	2,047,506,000	43,929,154,000	
	13	Cost of Plant: Land and Land Rights	41,195,596	956,546	1,973,791	3,403,277	10,449,793	1,252,090	-	9,688,975	9,688,975	10,275,401	29,653,351	2,386,782	1,161,925	17,296,760	635	4,290,826	210,526	114,231,898	
	14	Structures and Improvements	7,906,027	15,099,265	23,249,210	43,827,265	136,781,636	15,053,899	4,241,952	63,087,853	51,968,521	91,113,950	206,170,324	115,210,321	139,527,507	27,697,517	337,028	69,837,827	50,594,075	855,533,853	
	15	Equipment Costs	68,805,675	103,140,699	317,858,946	307,413,223	720,141,128	63,130,224	74,726,370	270,326,440	157,360,861	409,450,822	837,138,123	689,981,960	890,582,328	306,449,096	5,219,987	370,503,279	281,199,857	5,036,290,895	
	16	Asset Retirement Costs	1,336,278	6,587,976	689,117	134,848	11,315,101	587,008	-	948,199	948,199	948,199	2,844,597	2,342,186	4,557,783	-	-	11,639,026	490,453	42,524,373	
	17	**Total Cost**	$ 119,243,576	$ 125,784,486	$ 343,771,064	$ 354,778,613	$ 878,687,658	$ 80,023,221	$ 78,968,322	$ 344,051,467	$ 219,966,556	$ 511,788,372	##########	$ 809,921,249	##########	$ 351,443,373	$ 5,557,650	$ 456,270,958	$ 332,494,911	$ 6,048,581,019	
	18	Cost per KW of Installed Capacity (our share)	$ 3,129.75	$ 666.94	$ 579.42	$ 625.82	$ 1,075.77	$ 318.06	$ 436.05	$ 751.70	$ 746.92	$ 1,032.66	$ 862.16	$ 813.17	$ 670.40	$ 594.36	$ 347.35	$ 645.18	$ 1,147.72	$ 753.29	
500	19	Operation Supervision and Engineering	56,831	45,596	191,030	79,852	571,600	97,491	-	-	-	-	-	25,706	16,396,216	87,746	-	192,179	299,719	18,043,966	500
501	20	Fuel	-	20,657,109	79,197,671	131,063,441	45,364,783	12,131,762	21,345,038	35,497,583	24,501,492	43,724,944	103,724,019	86,524,665	171,454,601	129,282,273	13,355,445	91,410,507	18,768,172	924,279,486	501
	21	Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
502	22	Steam Expenses	6,726	1,489,090	-	-	31,079	18	-	2,817,013	2,809,276	2,805,955	8,432,244	8,276,929	4,209,728	-	-	5,648,415	-	28,094,229	502
503	23	Steam From Other Sources	3,655,727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,655,727	503
504	24	Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	504
505	25	Electric Expenses	-	2,113,830	2,392,798	2,617,822	-	-	1,314,264	-	-	-	-	-	5,958	2,935,756	971,137	27,718	-	12,379,283	505
506	26	Misc Steam (or Nuclear) Power Expenses	1,739,984	4,334,676	-	-	17,884,777	3,681,887	-	1,630,831	(2,612,326)	3,066,567	2,085,072	10,696,874	(12,919,410)	-	-	10,584,401	4,081,592	42,169,853	506
507	27	Rents	6,246	-	34,243	874	37,178	-	-	3,850	3,850	3,850	11,550	3,311	263,196	-	-	1,203	3,041	360,842	507
509	28	Allowances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	509
510	29	Maintenance Supervision and Engineering	-	-	-	-	-	-	-	-	-	-	-	1,346,600	539,711	-	-	1,511,638	5,028	3,402,977	510
551	30	Maintenance of Structures	225,755	416,124	3,045	500,930	3,141,444	209,753	164,471	2,681,686	2,408,766	2,140,085	7,230,537	2,296,785	8,534,063	552,149	-	1,441,379	515,248	25,251,683	551
512	31	Maintenance of Boiler (or reactor) Plant	164,458	2,448,463	-	-	15,993,970	1,788,302	-	11,140,805	5,719,032	8,712,884	25,572,721	13,486,036	23,962,462	-	-	7,944,104	7,060,084	98,420,600	512
513	32	Maintenance of Electric Plant	721,856	1,020,130	1,285,471	1,246,435	10,163,144	955,412	2,593,345	4,518,436	1,407,896	2,127,173	8,053,505	4,313,740	7,817,940	1,952,086	177,184	1,500,466	1,683,796	43,484,510	513
514	33	Maintenance of Misc Steam (or Nuclear) Plant	64,240	266,812	-	-	1,078,857	124,725	-	165,029	264,114	316,315	745,458	1,237,313	2,669,801	-	-	1,182,830	289,616	7,659,652	514
	34	**Total Production Expenses**	$ 6,641,823	$ 32,791,830	$ 83,104,258	$ 135,509,354	$ 94,266,832	$ 18,989,350	$ 25,437,118	$ 58,455,233	$ 34,502,100	$ 62,897,773	$ 155,855,106	$ 128,207,959	$ 222,934,266	$ 134,810,010	$ 14,503,766	$ 121,444,840	$ 32,706,296	$ 1,207,202,808	
	35	Expenses per Net KWh	$ 0.0269	$ 0.0253	$ 0.0645	$ 0.0534	$ 0.0201	$ 0.1824	$ 0.0996	$ 0.0227	$ 0.0207	$ 0.0191	$ 0.0207	$ 0.0210	$ 0.0227	$ 0.0531	$ 0.1439	$ 0.0227	$ 0.0160	$ 0.0275	
		Total Busbar - $/MWh	$ 26.85	$ 25.30	$ 64.51	$ 53.42	$ 20.06	$ 182.37	$ 99.64	$ 22.72	$ 20.70	$ 19.08	$ 20.68	$ 20.99	$ 22.67	$ 53.14	$ 143.93	$ 22.74	$ 15.97	$ 27.48	
		Fuel - $/MWh	$ -	$ 15.94	$ 61.48	$ 51.67	$ 9.65	$ 116.51	$ 83.61	$ 13.80	$ 14.70	$ 13.26	$ 13.76	$ 14.17	$ 17.44	$ 50.96	$ 132.53	$ 17.12	$ 9.17	$ 21.04	
		Non-fuel - $/MWh	$ 26.85	$ 9.36	$ 3.03	$ 1.75	$ 10.41	$ 65.86	$ 16.03	$ 8.92	$ 6.00	$ 5.82	$ 6.92	$ 6.83	$ 5.24	$ 2.18	$ 11.40	$ 5.62	$ 6.81	$ 6.44	
		Variable O&M (per RDI definition) - $/MWh	$ 2.41	$ 1.87	$ 0.60	$ 0.35	$ 2.08	$ 13.17	$ 3.21	$ 1.78	$ 1.20	$ 1.16	$ 1.38	$ 1.36	$ 1.04	$ 0.44	$ 2.28	$ 1.12	$ 1.36	$ 1.29	
		Fixed O&M (RDI definition) - $/MWh	$ 9.66	$ 7.49	$ 2.43	$ 1.40	$ 8.33	$ 52.69	$ 12.82	$ 7.14	$ 4.80	$ 4.65	$ 5.53	$ 5.46	$ 4.19	$ 1.74	$ 9.12	$ 4.50	$ 5.45	$ 5.15	
		Total O&M without Fuel	$ 2,986,096	$ 12,134,721	$ 3,906,567	$ 4,445,913	$ 48,902,049	$ 6,857,588	$ 4,092,080	$ 22,957,650	$ 10,000,608	$ 19,172,629	$ 52,131,087	$ 41,683,294	$ 51,479,665	$ 5,527,737	$ 1,148,321	$ 30,034,333	$ 13,938,124	$ 262,923,322	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
	38	Quantity (units) of Fuel Burned	-	595,236	-	-	3,309,283	-	-	1,210,133	830,460	1,490,676	3,531,269	2,687,375	5,450,917	-	-	2,817,478	1,537,341	19,928,899	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	11,941	-	-	7,956	-	-	11,272	11,397	11,179	11,262	11,923	9,227	-	-	9,858	7,776	9,798	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	33.592	-	-	12.786	-	-	-	-	-	29.640	32.847	32.259	-	-	32.477	11.858	-	
	41	Average Cost of Fuel per Unit Burned	-	34.380	-	-	12.447	-	-	28.601	28.875	28.645	28.684	31.719	31.150	-	-	31.823	11.806	-	
	42	Average Cost of Fuel Burned per Million BTU	-	1.439	-	-	0.782	-	-	1.269	1.267	1.281	1.273	1.330	1.688	-	-	1.614	0.759	-	
	43	Average Cost of Fuel Burned per KWh Net Gen	-	0.016	-	-	0.009	-	-	0.013	0.014	0.013	0.013	0.014	0.017	-	-	0.017	0.009	-	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	
	38	Quantity (units) of Fuel Burned	-	-	9,348,871	17,850,615	-	1,569,575	2,903,816	-	-	-	-	-	-	17,932,546	1,822,511	247,058	-	51,674,992	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	-	1,035	1,059	-	1,049	1,044	-	-	-	-	-	-	1,030	1,044	1,029	-	1,043	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	-	8.471	7.342	-	7.729	7.351	-	-	-	-	-	-	7.209	7.328	7.083	-	-	
	41	Average Cost of Fuel per Unit Burned	-	-	8.471	7.342	-	7.729	7.351	-	-	-	-	-	-	7.209	7.328	7.083	-	-	
	42	Average Cost of Fuel Burned per Million BTU	-	-	8.183	6.931	-	7.369	7.040	-	-	-	-	-	-	7.002	7.018	6.886	-	-	
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	0.061	0.052	-	0.117	0.084	-	-	-	-	-	-	0.051	0.133	-	-	-	
	36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	
	37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	
	38	Quantity (units) of Fuel Burned	-	1,978	-	-	41,961	-	-	8,614	5,116	9,850	23,580	12,209	17,766	-	-	-	6,245	103,739	
	39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	-	138,000	-	-	138,000	-	-	138,000	138,000	138,000	138,000	138,000	138,000	-	-	-	138,000	138,000	
	40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	-	103.502	-	-	99.452	-	-	-	-	-	103.202	105.056	93.298	-	-	-	98.961	-	
	41	Average Cost of Fuel per Unit Burned	-	103.502	-	-	99.452	-	-	-	-	-	103.202	105.056	93.298	-	-	-	98.961	-	
	42	Average Cost of Fuel Burned per Million BTU	-	17.858	-	-	17.159	-	-	17.759	17.612	17.947	17.806	18.126	16.097	-	-	-	17.074	-	
	43	Average Cost of Fuel Burned per KWh Net Gen	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	
	44	**Average BTU per KWh Net Generation**	-	10,977.51	7,510.99	7,452.24	11,255.99	15,812.88	11,875.48	10,622.48	11,373.20	10,127.79	10,572.03	10,504.33	10,240.43	7,280.33	18,861.06	10,450.89	11,694.67	10,130.66	
		Line 44 - per FERC Form No. 1	0	10977.45	7512.959	7454.684	11256.372	15811.771	11877.508	10622.736	11373.481	10127.544	10572.197	10504.018	10240.466	7277.198	18884.155	10451.236	11694.176		
			-	0.06	(1.97)	(2.64)	(0.38)	1.11	(2.03)	(0.26)	(0.28)	0.25	(0.17)	0.31	(0.03)	3.13	(3.09)	(0.34)	0.49		

Summary

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total Installed Cap (Max Gen Name Plate Ratings-MW)	5,817.8	5,817.9	5,817.9	5,840.9	5,840.9	5,840.9	6,056.5	7,115.8	7,473.8	6,414.4	6,414.7	6,713.1	6,987.5	7,547.6	8,067.6	8,029.5	8,030
Net Peak Demand on Plant - MW (60 minutes)	5,576	5,682	5,660	5,889	5,855	5,784	5,732	5,695	5,977	5,985	5,966	6,252	6,531	7,155	7,666	7,441	7,411
Plant Hours Connected to Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Continuous Plant Capability (Megawatts)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
When Not Limited by Condenser Water	5,382	5,413	5,463	5,463	5,463	5,577	5,607	6,579	6,895	5,936	5,939	5,927	6,466	7,025	7,545	7,359	7,389
When Limited by Condenser Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Number of Employees	1,759	1,584	1,508	1,471	1,471	1,471	1,284	1,327	1,336	1,262	1,275	1,309	1,310	1,306	1,113	1,107	1,065
Net Generation, Exclusive of Plant Use - kWh	41,084,554,000	40,450,564,000	39,478,301,000	38,773,647,000	40,012,333,000	39,705,240,000	41,312,877,000	39,429,934,000	39,412,431,000	40,440,809,000	40,013,426,000	39,826,110,000	41,434,889,000	46,090,925,000	47,438,891,000	45,488,865,000	43,929,154,000
Cost of Plant: Land and Land Rights	77,017,329	77,154,812	77,192,557	77,188,084	77,048,486	77,205,274	77,207,453	77,187,978	77,187,978	77,591,267	78,424,036	81,820,513	85,049,078	112,259,118	112,259,397	114,233,188	114,231,898
Structures and Improvements	561,133,434	565,966,341	568,463,234	581,487,163	595,302,006	601,636,993	602,634,352	605,314,530	606,552,401	616,477,654	622,220,751	653,261,613	660,650,309	734,451,602	730,016,703	774,032,004	855,533,853
Equipment Costs	2,186,255,002	2,462,321,650	2,486,486,046	2,514,830,813	2,582,973,057	2,666,554,221	2,670,909,020	2,698,300,693	2,803,548,198	2,881,720,239	2,925,179,524	3,131,068,392	3,549,190,130	3,915,373,164	4,034,971,272	4,517,539,738	5,036,290,895
Asset Retirement Costs	-	-	-	-	-	-	-	-	-	14,713,709	25,464,580	29,667,227	30,336,036	26,554,549	27,233,918	38,009,517	42,524,373
Total Cost	$2,824,405,765	$3,105,442,803	$3,132,141,837	$3,173,506,060	$3,255,323,549	$3,345,396,488	$3,350,750,825	$3,380,803,201	$3,417,012,068	$3,590,502,869	$3,651,288,891	$3,895,817,745	$4,325,225,553	$4,788,638,433	$4,904,481,290	$5,443,814,447	$ 6,048,581,019
Cost per KW of Installed Capacity (our share)	$ 485.48	$ 533.78	$ 538.37	$ 543.32	$ 557.33	$ 572.75	$ 553.25	$ 475.11	$ 457.20	$ 559.75	$ 569.21	$ 580.33	$ 618.99	$ 634.46	$ 607.92	$ 677.98	$ 753.29
Operation Supervision and Engineering	13,040,414	14,024,504	11,865,167	12,486,830	11,778,383	14,517,752	12,016,521	24,041,062	6,378,045	21,140,832	16,782,228	19,022,509	21,757,087	20,461,015	20,127,526	19,839,126	18,043,966
Fuel	397,146,324	390,982,280	368,184,241	359,920,216	390,891,857	349,278,865	383,087,306	426,343,339	406,266,631	403,878,274	405,711,002	410,538,370	507,035,877	773,344,246	938,040,068	932,341,037	924,279,486
Coolants and Water (Nuclear Plants Only)	-	-	-	-	-	-	1,855,148	-	-	-	-	-	-	-	-	-	-
Steam Expenses	23,323,050	24,145,040	23,263,189	22,425,806	23,857,941	11,818,381	8,733,902	3,729,510	16,414,942	27,178,886	27,717,746	27,339,449	27,102,076	28,482,855	29,617,655	27,247,633	28,094,229
Steam From Other Sources	3,498,961	3,205,843	3,595,449	3,557,608	3,607,452	3,696,102	3,660,711	3,698,736	3,800,080	(19,641)	4,158,192	4,211,469	3,110,724	4,845,079	3,371,385	3,597,576	3,655,727
Steam Transferred (Cr)	-	-	-	-	-	-	-	-	-	4,095,133	-	-	-	-	-	-	-
Electric Expenses	12,833,606	13,936,681	12,476,758	12,437,085	12,566,682	-	-	906,265	10,057,556	4,811,416	4,344,300	6,999,879	8,269,009	16,599,354	13,890,502	11,993,094	12,379,283
Misc Steam (or Nuclear) Power Expenses	22,572,632	20,095,377	20,354,840	20,024,184	18,200,132	82,098,001	48,968,855	62,193,178	43,806,471	28,465,261	27,111,226	11,843,016	25,536,805	38,048,136	36,513,166	38,812,851	42,169,853
Rents	44,387	43,786	43,977	51,095	7,748	336,551	76,142	284,413	1,448,094	22,131,889	19,097,929	17,860,455	14,308,984	11,695,063	4,865,996	449,033	360,842
Allowances	-	-	-	-	-	-	-	-	-	163	-	961	-	-	-	-	-
Maintenance Supervision and Engineering	14,141,462	15,403,674	12,497,327	13,191,596	10,797,185	-	-	12,017	2,657,470	4,547,876	4,443,113	3,942,988	4,197,374	3,329,271	2,953,110	2,944,555	3,402,977
Maintenance of Structures	7,392,770	6,716,736	5,664,084	5,123,539	4,885,404	-	-	9,675,104	17,711,698	17,143,374	16,737,633	15,606,437	18,376,600	21,510,330	24,145,958	22,546,639	25,251,683
Maintenance of Boiler (or reactor) Plant	48,158,140	45,046,950	41,349,605	47,217,102	42,690,034	26,727,277	44,647,411	62,087,544	72,229,902	71,889,155	72,973,020	81,162,911	81,117,128	84,191,274	74,323,905	84,578,915	98,420,600
Maintenance of Electric Plant	11,144,299	9,991,667	8,664,854	10,214,165	8,020,408	9,844,477	9,585,951	17,481,181	23,974,081	28,062,004	26,315,211	30,989,626	33,396,215	34,208,089	32,494,930	46,354,466	43,484,510
Maintenance of Misc Steam (or Nuclear) Plant	9,734,006	9,485,964	12,791,757	12,406,369	13,661,685	14,105,456	23,453,100	17,020,828	6,505,925	7,247,939	6,698,283	6,837,390	8,252,761	8,364,067	7,700,243	8,088,736	7,659,652
Total Production Expenses	$ 563,030,051	$ 553,078,502	$ 520,751,248	$ 519,055,595	$ 540,964,911	$ 512,422,862	$ 536,085,047	$ 627,473,177	$ 611,250,895	$ 640,572,561	$ 632,089,883	$ 636,355,460	$ 752,460,650	$1,045,078,779	$1,188,044,444	$1,198,793,661	$ 1,207,202,808
Expenses per Net kWh	$ 0.0137	$ 0.0137	$ 0.0132	$ 0.0134	$ 0.0135	$ 0.0129	$ 0.0130	$ 0.0159	$ 0.0155	$ 0.0158	$ 0.0158	$ 0.0160	$ 0.0182	$ 0.0227	$ 0.0250	$ 0.0264	$ 0.0275
Total Busbar - $/MWh	$ 13.70	$ 13.67	$ 13.19	$ 13.39	$ 13.52	$ 12.91	$ 12.98	$ 15.91	$ 15.51	$ 15.84	$ 15.80	$ 15.98	$ 18.16	$ 22.67	$ 25.04	$ 26.35	$ 27.48
Fuel - $/MWh	$ 9.67	$ 9.67	$ 9.33	$ 9.28	$ 9.77	$ 8.80	$ 9.27	$ 10.81	$ 10.31	$ 9.99	$ 10.14	$ 10.31	$ 12.24	$ 16.76	$ 19.77	$ 20.50	$ 21.04
Non-fuel - $/MWh	$ 4.04	$ 4.01	$ 3.86	$ 4.10	$ 3.75	$ 4.11	$ 3.70	$ 5.10	$ 5.20	$ 5.85	$ 5.66	$ 5.67	$ 5.92	$ 5.90	$ 5.27	$ 5.86	$ 6.44
Operations - $/MWh	$ 1.83	$ 1.87	$ 1.81	$ 1.83	$ 1.75	$ 2.83	$ 1.82	$ 2.41	$ 2.08	$ 2.67	$ 2.48	$ 2.19	$ 2.42	$ 2.61	$ 2.28	$ 2.24	$ 2.38
Maintenance - $/MWh	$ 2.20	$ 2.14	$ 2.05	$ 2.27	$ 2.00	$ 1.28	$ 1.88	$ 2.70	$ 3.12	$ 3.19	$ 3.18	$ 3.48	$ 3.51	$ 3.29	$ 2.99	$ 3.62	$ 4.06
Variable O&M (per RDI definition) - $/MWh	$ 0.81	$ 0.80	$ 0.77	$ 0.82	$ 0.75	$ 0.82	$ 0.74	$ 1.02	$ 1.03	$ 1.06	$ 1.04	$ 1.04	$ 1.12	$ 1.13	$ 1.03	$ 1.17	$ 1.29
Fixed O&M (RDI definition) - $/MWh	$ 3.23	$ 3.21	$ 3.09	$ 3.28	$ 3.00	$ 3.29	$ 2.96	$ 4.08	$ 4.17	$ 4.79	$ 4.62	$ 4.63	$ 4.81	$ 4.77	$ 4.24	$ 4.69	$ 5.15
Total O&M without Fuel	$ 165,883,727	$ 162,096,222	$ 152,567,007	$ 159,135,379	$ 150,073,054	$ 163,143,997	$ 152,997,741	$ 201,129,838	$ 204,984,264	$ 236,694,287	$ 226,378,881	$ 225,817,090	$ 245,424,773	$ 271,734,533	$ 250,004,376	$ 266,452,624	$ 282,923,322
Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal	Coal
Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Quantity (units) of Fuel Burned	21,759,181	21,550,900	21,366,187	21,223,679	21,638,461	21,042,869	21,525,876	20,631,929	20,691,901	20,908,323	21,171,921	21,109,814	20,902,381	21,716,521	21,726,807	20,350,267	19,928,899
Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	9,732.88	9,786.36	9,735.09	9,777.95	9,816.56	9,918.38	9,990.22	9,915.11	9,805.72	9,946.32	9,818.62	9,765.64	9,701.15	9,728.70	9,839.88	9,908.55	9,798.45
Avg Cost of Fuel/unit, as Delvd f o b during year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Cost of Fuel per Unit Burned	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Cost of Fuel Burned per Million BTU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Cost of Fuel Burned per KWh Net Gen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas
Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF	MCF
Quantity (units) of Fuel Burned	8,532,359	8,608,833	2,071,956	2,306,320	3,861,639	4,669,333	9,460,287	12,083,567	12,885,537	13,023,482	8,952,892	8,627,688	22,963,190	49,658,631	52,592,199	54,737,426	51,674,992
Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	1,045	1,055	1,022	1,032	1,044	1,038	1,049	1,053	1,051	1,052	1,055	1,049	1,053	1,045	1,048	1,041	1,043
Avg Cost of Fuel/unit, as Delvd f o.b. during year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Cost of Fuel per Unit Burned	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Cost of Fuel Burned per Million BTU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Cost of Fuel Burned per KWh Net Gen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil	Oil
Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Quantity (units) of Fuel Burned	61,468	63,653	67,046	59,052	67,745	69,411	74,460	90,853	81,759	68,608	88,596	74,628	72,636	79,281	59,577	74,473	103,739
Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	140,252	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,513	140,000	140,000	140,000	140,000	140,000	140,000	140,000	138,000
Avg Cost of Fuel/unit, as Delvd f o b during year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Cost of Fuel per Unit Burned	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Cost of Fuel Burned per Million BTU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Cost of Fuel Burned per KWh Net Gen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average BTU per KWh Net Generation	10,535.35	10,661.46	10,601.14	10,774.85	10,728.20	10,645.36	10,661.45	10,712.52	10,651.89	10,633.58	10,639.56	10,590.91	10,381.65	10,303.56	10,182.68	10,127.33	10,130.66

Carbon Plant Heat Rate Improvement Plan

Car_2011_HRIP

Table of Contents

1. Revision History

Version	Status	Author	Reason for Issue	Date
1			2011 Plan Issue	April 30, 2011

2. Revision Control

This document is maintained by the PacifiCorp Energy Asset Management group.

3. Glossary of Terms

3.1. Actual Net Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual net generation.

3.2. As-built Net Heat Rate (Btu/kWh)

Total guaranteed heat input, from the design heat balances in Btu's divided by the guaranteed net generation, corrected for changes in equipment from design. This is the baseline number for the plant personnel when they make their annual reconciliation.

3.3. British thermal unit (Btu)

British thermal unit is defined as the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

3.4. Gross Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual gross generation.

3.5. Net Generation (kWh)

Gross generation minus auxiliary or station usage

3.6. Planned Net Heat Rate (Btu/kWh)

Total budgeted heat input in Btu's divided by the budgeted net generation. This number is the annual goal for the plant personnel to achieve.

4. Overall Plan and Objectives

4.1. Unit 1- Goals for 10-year plan

Figure 1, in the appendix, shows the ten-year heat rate plan for Carbon unit 1. The dips in the Planned Net Heat Rate in the years 2009, 2014 and 2018 are due to the work that is scheduled to take place during the planned outages in 2009, 2013 and 2017 (see section 7).

4.2. Unit 2 - Goals for 10-year Plan

Figure 2, in the appendix, shows the ten-year heat rate plan for Carbon unit 2. The dip in the Planned Net Heat Rate in the year 2008 is due to the work that occurred during the planned outages in 2008. There are only small fluctuations in the unit heat rate in other years that will be the result of smaller overhaul projects (see section 7).

5. Performance against last year's plan

5.1. Unit 1

Planned Net Heat Rate			12,261
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	34	49	15
Turbine Losses	813	(207)	(1020)
Other Losses	60	(70)	(130)
Actual Net Heat Rate			11,127

Negative numbers in the table above are improvements to heat rate.

5.2. Unit 2

Planned Net Heat Rate			11,170
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	42	79	37
Turbine Losses	1,138	903	(235)
Other Losses	49	(8)	(57)
Actual Net Heat Rate			10,914

Negative numbers in the table above are improvements to heat rate.

6. Major Losses for Current Planned Net Heat Rate

This section of the heat rate plan identifies the reconciliation of the items that have the most impact between the As-built Net Heat Rate and the Planned Net Heat Rate.

6.1. Unit 1

As-Built Net Heat Rate	11,354
Boiler Losses	9
Turbine Losses	733
Other Losses	-62
Planned Net Heat Rate	12,034

6.2. Unit 2

As-Built Net Heat Rate	9,941
Boiler Losses	92
Turbine Losses	1,211
Other Losses	140
Planned Net Heat Rate	11,384

7. Major Unit Specific Initiatives

This section identifies the major planned capital and operational activities to improve or regain lost heat rate for the current 10-year plan.

7.1. Unit 1

Table 1 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

7.2. Unit 2

Table 2 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

8. Annual Review and Update

This plan will be reviewed and updated annually by the Carbon plant management team by April 30.

9. Appendix

Figure 1
Carbon Unit 1
10-year Plan Heat Rate Goals

Carbon 1

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354
Planned Net Heat Rate 2011, Btu/Kwh	11,650	12,757	12,189	11,799	12,261	12,041	12,582	12,782	12,542	10,800	11,800	12,895	13,489	13,203	13,809
Actual Net Heat Rate, Btu/Kwh	11,449	12,030	11,754	11,370	11,416										
Capacity Factor 2011, %	88.5%	89.0%	86.0%	75.1%	90.4%	70.8%	67.3%	63.1%	69.9%	68.7%	66.0%	56.8%	58.2%	56.8%	57.6%

Figure 2
Carbon Unit 2
10-year Plan Heat Rate Goals

Carbon 2

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941
Planned Net Heat Rate 2011, Btu/Kwh	11,420	11,065	10,776	11,169	11,170	11,269	11,422	11,852	11,827	10,603	11,094	11,574	11,564	11,539	12,047
Actual Net Heat Rate, Btu/Kwh	11,204	11,269	11,482	11,116											
Capacity Factor 2011, %	86.3%	84.9%	74.3%	84.4%	89.0%	82.6%	69.9%	80.6%	80.5%	75.6%	68.0%	73.2%	69.2%	67.7%	66.1%

Table 1
Carbon Unit 1
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
CY2009 Air Heater Partial Basket Replacement (hot end)	Btu/kWh	-28	-25	-22	-19	-16	-13	-10	-7	-4	-4
Retube Condenser CY2009	Btu/kWh	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50
Total adjustments related to Capital Projects	Btu/kWh	-78	-75	-72	-69	-66	-63	-60	-57	-54	-54
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-35	-34	-32	-31	-30	-28	-27	-26	-24	-24
Replacement Plan for Air Heater Seals	KW	62	83	21	42	62	83	83	83	83	83
Mercury Capture (2017 -0.1 MW)	KW							100	100	100	100
Total Auxiliary Load Changes	KW	27	49	-12	10	33	55	156	157	159	159
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
	MW										
Total Capacity Changes	MW	0	0	0	0	0	0	0	0	0	0

Table 2
Carbon Unit 2
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
CY2008 overhaul Air Heater Basket Replacement (hot and cold)	Btu/kWh	-18	-15	-12	-9	-6	-30	-30	-30	-30	-30
Total adjustments related to Capital Projects	Btu/kWh	-18	-15	-12	-9	-6	-30	-30	-30	-30	-30
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-11	-9	-8	-6	-4	-19	-19	-19	-19	-19
Replacement Plan for Air Heater Seals	KW	41	-21	0	21	41	-21	-21	-21	-21	-21
Mercury Capture (2018 -0.1 MW)	KW								100	100	100
Total Auxiliary Load Changes	KW	30	-30	-8	15	37	-40	-40	60	60	60
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
	MW										
Total Capacity Changes	MW	0	0	0	0	0	0	0	0	0	0

10. Required Signatures

Performance Engineer – Carbon Plant		April Haynes	
Signature:	{on file]	Date:	4/15/11

Manager, Engineering – Carbon Plant			
Signature:		Date:	

Managing Director, Carbon Plant		Shawn Smith	
Signature:	{on file}	Date:	4/15/11

Dave Johnston Plant Heat Rate Improvement Plan

DJ_2011_HRIP

Table of Contents

1. Revision History

Version	Status	Author	Reason for Issue	Date
1			2010 Plan Issue	April 30, 2011

2. Revision Control

This document is maintained by the PacifiCorp Energy Asset Management group.

3. Glossary of Terms

3.1. Actual Net Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual net generation.

3.2. As-built Net Heat Rate (Btu/kWh)

Total guaranteed heat input, from the design heat balances in Btu's divided by the guaranteed net generation, corrected for changes in equipment from design. This is the baseline number for the plant personnel when they make their annual reconciliation.

3.3. British thermal unit (Btu)

British thermal unit is defined as the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

3.4. Gross Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual gross generation.

3.5. Net Generation (kWh)

Gross generation minus auxiliary or station usage

3.6. Planned Net Heat Rate (Btu/kWh)

Total budgeted heat input in Btu's divided by the budgeted net generation. This number is the annual goal for the plant personnel to achieve.

4. Overall Plan and Objectives

4.1. Unit 1- Goals for 10-year plan

Figure 1, in the appendix, shows the ten-year heat rate plan for Dave Johnston unit 1. The dips in the Planned Net Heat Rate in the years 2013 and 2018 are due to the work that is scheduled to take place during the planned outages in 2013 and 2018 (see section 7).

4.2. Unit 2 - Goals for 10-year Plan

Figure 2, in the appendix, shows the ten-year heat rate plan for Dave Johnston unit 2. The dips in the Planned Net Heat Rate in the years 2012 and 2017 are due to the work that is scheduled to take place during the planned outages in 2012 and 2017 (see section 7).

4.3. Unit 3 - Goals for 10-year Plan

Figure 3, in the appendix, shows the ten-year heat rate plan for Dave Johnston unit 3. The dips in the Planned Net Heat Rate in the years 2010, 2014, and 2018 are due to the work that is scheduled to take place during the planned outages in 2010, 2014 and 2018 (see section 7).

4.4. Unit 4 - Goals for 10-year Plan

Figure 4, in the appendix, shows the ten-year heat rate plan for Dave Johnston unit 4. The dips in the Planned Net Heat Rate in the years 2012 and 2016 are due to the work that is scheduled to take place during the planned outages in 2012 and 2016 (see section 7).

5. Performance against last year's plan

5.1. Unit 1

Planned Net Heat Rate			11,106
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	(9)	6	15
Turbine Losses	619	929	310
Other Losses	106	220	114
Actual Net Heat Rate			11,545

Negative numbers in the table above are improvements to heat rate.

5.2. Unit 2

Planned Net Heat Rate			11,038
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	14	46	32
Turbine Losses	598	659	61
Other Losses	37	236	199
Actual Net Heat Rate			11,330

Negative numbers in the table above are improvements to heat rate.

5.3. Unit 3

Planned Net Heat Rate			11,473
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	31	(45)	(76)
Turbine Losses	580	177	(403)
Other Losses	355	633	278
Actual Net Heat Rate			11,272

Negative numbers in the table above are improvements to heat rate.

5.4. Unit 4

Planned Net Heat Rate			10,459
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	(64)	13	77
Turbine Losses	416	714	298
Other Losses	(135)	117	252
Actual Net Heat Rate			11,085

Negative numbers in the table above are improvements to heat rate.

6. Major Losses for Current Planned Net Heat Rate

This section of the heat rate plan identifies the reconciliation of the items that have the most impact between the As-built Net Heat Rate and the Planned Net Heat Rate.

6.1. Unit 1

As-Built Net Heat Rate	10,390
Boiler Losses	-7
Turbine Losses	604
Other Losses	70
Planned Net Heat Rate	11,057

6.2. Unit 2

As-Built Net Heat Rate	10,389
Boiler Losses	16
Turbine Losses	633
Other Losses	46
Planned Net Heat Rate	11,083

6.3. Unit 3

As-Built Net Heat Rate	10,507
Boiler Losses	30
Turbine Losses	398
Other Losses	426
Planned Net Heat Rate	11,362

6.4. Unit 4

As-Built Net Heat Rate	10,242
Boiler Losses	-65
Turbine Losses	599
Other Losses	-203
Planned Net Heat Rate	10,574

7. Major Unit Specific Initiatives

This section identifies the major planned capital and operational activities to improve or regain lost heat rate for the current 10-year plan.

7.1. Unit 1

Table 1 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

7.2. Unit 2

Table 2 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

7.3. Unit 3

Table 3 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

7.4. Unit 4

Table 4 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

8. Annual Review and Update

This plan will be reviewed and updated annually by the Dave Johnston plant management team by March 31.

9. Appendix

Figure 1
Dave Johnston Unit 1
10-year Plan Heat Rate Goals

Dave Johnston 1

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	10,390	10,389	10,390	10,389	10,390	10,390	10,390	10,390	10,390	10,390	10,390	10,390	10,399	10,399	10,399
Planned Net Heat Rate 2011, Btu/Kwh	11,090	11,201	11,061	10,971	11,106	11,059	11,103	10,948	10,784	10,840	10,910	10,942	11,151	11,069	11,106
Actual Net Heat Rate, Btu/Kwh	11,020	11,156	11,610	11,454	11,574										
Capacity Factor 2011, %	90.6%	87.7%	79.0%	89.2%	90.2%	83.5%	83.7%	76.3%	84.7%	85.1%	85.5%	86.1%	80.5%	90.8%	90.3%

Figure 2
Dave Johnston Unit 2
10-year Plan Heat Rate Goals

Dave Johnston 2

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	10,390	10,371	10,390	10,384	10,389	10,389	10,389	10,389	10,389	10,389	10,389	10,398	10,398	10,398	10,398
Planned Net Heat Rate 2011, Btu/Kwh	11,090	10,804	10,959	10,987	11,038	11,085	11,001	10,513	10,553	10,702	10,764	10,749	10,893	10,923	10,952
Actual Net Heat Rate, Btu/Kwh	11,169	10,987	11,421	11,528	11,355										
Capacity Factor 2011, %	88.9%	78.9%	82.7%	92.6%	91.3%	83.5%	75.6%	84.6%	84.7%	85.1%	85.5%	76.1%	92.3%	91.2%	90.1%

Figure 3
Dave Johnston Unit 3
10-year Plan Heat Rate Goals

Dave Johnston 3

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	10,490	10,488	10,490	10,490	10,506	10,694	10,694	10,694	10,505	10,504	10,504	10,504	10,504	10,504	10,504
Planned Net Heat Rate 2011, Btu/Kwh	11,200	11,171	11,335	11,476	11,473	11,364	11,321	11,072	11,136	11,142	11,206	11,179	11,420	11,165	11,429
Actual Net Heat Rate, Btu/Kwh	11,487	11,447	11,058	11,472	11,237										
Capacity Factor 2011, %	89.8%	88.4%	92.2%	88.1%	75.0%	83.5%	83.7%	84.6%	74.3%	81.3%	81.7%	82.3%	82.1%	90.1%	89.7%

Figure 4
Dave Johnston Unit 4
10-year Plan Heat Rate Goals

Dave Johnston 4

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	10,252	10,252	10,252	10,245	10,242	10,242	10,249	10,253	10,254	10,254	10,254	10,254	10,254	10,254	10,254
Planned Net Heat Rate 2011, Btu/Kwh	11,080	11,062	10,758	10,563	10,459	10,576	10,612	10,145	10,282	10,431	10,383	10,371	10,572	10,510	10,757
Actual Net Heat Rate, Btu/Kwh	11,263	11,233	11,418	11,318	11,088										
Capacity Factor 2011, %	82.3%	83.9%	81.2%	57.1%	89.0%	83.5%	74.5%	85.7%	85.8%	86.3%	78.2%	87.2%	89.7%	89.8%	79.4%

Table 1
Dave Johnston Unit 1
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
	Btu/kWh										
Total adjustments related to Capital Projects	Btu/kWh	0	0	0	0	0	0	0	0	0	0
Budgeted / Planned Auxiliary Load Changes											
Hg Capture (100 kw in 2018)	KW								100	100	100
Total Auxiliary Load Changes	KW	0	0	0	0	0	0	0	100	100	100
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
	MW										
Total Capacity Changes	MW	0	0	0	0	0	0	0	0	0	0

Table 2
Dave Johnston Unit 2
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Pulverizer/PA Fan Controls Replace - (2008)	Btu/kWh	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
Total adjustments related to Capital Projects	Btu/kWh	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
Hg Capture (100 kw in 2017)	KW							100	100	100	100
Total Auxiliary Load Changes	KW	-13	-13	-13	-13	-13	-13	87	87	87	87
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
	MW										
Total Capacity Changes	MW	0	0	0	0	0	0	0	0	0	0

Table 3
Dave Johnston Unit 3
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
3C Mill PA Flow indication 2010	Btu/kWh	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Clean Air Initiative - DFGD (85%) LNB	Btu/kWh	204.6	204.6	204.6	204.6	204.6	204.6	204.6	204.6	204.6	204.6
Total adjustments related to Capital Projects	Btu/kWh	194.6	194.6	194.6	194.6	194.6	194.6	194.6	194.6	194.6	194.6
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	367	367	367	367	367	367	367	367	367	367
Total Auxiliary Load Changes	KW	367	367	367	367	367	367	367	367	367	367
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Clean Air Initiative - DFGD (85%) LNB	MW	-4.21	-4.21	-4.21	-4.21	-4.21	-4.21	-4.21	-4.21	-4.21	-4.21
Unit Rerated after Environmental Projects (2014 +10MWn)	MW				10	10	10	10	10	10	10
Total Capacity Changes	MW	-4.21	-4.21	-4.21	5.79	5.79	5.79	5.79	5.79	5.79	5.79

Table 4
Dave Johnston Unit 4
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Digital Control System	Btu/kWh	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70
FW Heater Level Controls Replace	Btu/kWh	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
AH Basket Replacement	Btu/kWh	-25	-20	-20	-10	-10					
AH Sootblowers	Btu/kWh	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
Clean Air Initiative - DFGD (90%), BH, LNB	Btu/kWh		92.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1	138.1
Total adjustments related to Capital Projects	Btu/kWh	-125	-28	18.1	28.1	28.1	38.1	38.1	38.1	38.1	38.1
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-321	-72	46	72	72	98	98	98	98	98
Total Auxiliary Load Changes	KW	-321	-72	46	72	72	98	98	98	98	98
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Clean Air Initiative - DFGD (90%), BH, LNB	MW		-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Total Capacity Changes	MW	0	-4	-4	-4	-4	-4	-4	-4	-4	-4

10. Required Signatures

Performance Engineer – Dave Johnston Plant		Teresa Jorris	
Signature:	{ signature on file }	Date:	30Apr11

Engineering Manager – Dave Johnston Plant			
Signature:		Date:	

Managing Director, Acting – Dave Johnston Plant			
Signature:	{ signature on file }	Date:	30Apr11

Huntington Plant Heat Rate Improvement Plan

Htg_2011_HRIP

Table of Contents

1. Revision History

Version	Status	Author	Reason for Issue	Date
1			2011 Plan Issue	April 30, 2011

2. Revision Control

This document is maintained by the PacifiCorp Energy Asset Management group.

3. Glossary of Terms

3.1. Actual Net Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual net generation.

3.2. As-built Net Heat Rate (Btu/kWh)

Total guaranteed heat input, from the design heat balances in Btu's divided by the guaranteed net generation, corrected for changes in equipment from design. This is the baseline number for the plant personnel when they make their annual reconciliation.

3.3. British thermal unit (Btu)

British thermal unit is defined as the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

3.4. Gross Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual gross generation.

3.5. Net Generation (kWh)

Gross generation minus auxiliary or station usage

3.6. Planned Net Heat Rate (Btu/kWh)

Total budgeted heat input in Btu's divided by the budgeted net generation. This number is the annual goal for the plant personnel to achieve.

4. Overall Plan and Objectives

4.1. Unit 1- Goals for 10-year plan

Figure 1, in the appendix, shows the ten-year heat rate plan for Huntington unit 1. The dips in the Planned Net Heat Rate in the years 2011 and 2015 are due to the work that is scheduled to take place during the planned outages in 2010 and 2014 (see section 7).

4.2. Unit 2- Goals for 10-year plan

Figure 2, in the appendix, shows the ten-year heat rate plan for Huntington unit 2. The dips in the Planned Net Heat Rate in the years 2012 and 2016 are due to the work that is scheduled to take place during the planned outages in 2011 and 2015 (see section 7).

5. Performance against last year's plan

5.1. Unit 1

Planned Net Heat Rate			10,110
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	111	165	54
Turbine Losses	218	219	1
Other Losses	(10)	172	182
Actual Net Heat Rate			10,347

Negative numbers in the table above are improvements to heat rate.

5.2. Unit 2

Planned Net Heat Rate			10,101
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	124	58	(66)
Turbine Losses	241	624	383
Other Losses	35	189	154
Actual Net Heat Rate			10,572

Negative numbers in the table above are improvements to heat rate.

6. Major Losses for Current Planned Net Heat Rate

This section of the heat rate plan identifies the reconciliation of the items that have the most impact between the As-built Net Heat Rate and the Planned Net Heat Rate.

6.1. Unit 1

As-Built Net Heat Rate	9,791
Boiler Losses	117
Turbine Losses	187
Other Losses	-520
Planned Net Heat Rate	9,576

6.2. Unit 2

As-Built Net Heat Rate	9,702
Boiler Losses	109
Turbine Losses	249
Other Losses	37
Planned Net Heat Rate	10,096

7. Major Unit Specific Initiatives

This section identifies the major planned capital and operational activities to improve or regain lost heat rate for the current 10-year plan.

7.1. Unit 1

Table 1 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

7.2. Unit 2

Table 2 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

8. Annual Review and Update

This plan will be reviewed and updated annually by the Huntington plant management team by April 30.

9. Appendix

Figure 1
Huntington Unit 1
10-year Plan Heat Rate Goals

Huntington 1

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,793	9,787	9,794	9,794	9,791	9,793	9,793	9,793	9,793	9,791	9,791	9,791	9,791	9,791	9,791
Planned Net Heat Rate 2011, Btu/Kwh	10,320	10,026	10,177	10,143	10,110	9,569	9,655	9,786	9,824	9,554	9,561	9,626	9,725	9,601	9,615
Actual Net Heat Rate, Btu/Kwh	9,573	9,935	9,993	10,020	10,347										
Capacity Factor 2011, %	89.3%	89.3%	89.3%	85.4%	72.1%	76.5%	89.4%	88.6%	87.5%	77.2%	92.8%	91.5%	90.0%	79.1%	91.7%

Figure 2
Huntington Unit 2
10-year Plan Heat Rate Goals

Huntington 2

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,701	9,742	9,701	9,702	9,702	9,701	9,702	9,702	9,702	9,701	9,692	9,692	9,692	9,692	9,692
Planned Net Heat Rate 2011, Btu/Kwh	10,140	10,753	10,078	10,075	10,101	10,060	10,080	10,260	10,313	10,042	9,663	9,728	9,765	9,781	9,816
Actual Net Heat Rate, Btu/Kwh	9,774	10,214	9,940	10,034	10,573										
Capacity Factor 2011, %	67.1%	93.7%	94.6%	87.4%	88.0%	91.9%	89.9%	88.8%	77.9%	92.7%	91.5%	90.5%	81.3%	91.6%	92.9%

Table 1
Huntington Unit 1
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
3 Feedwater Heater Replacement (2010)	Btu/kWh	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Cooling Tower Fill (2010)	Btu/kWh	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Air Heater Basket Replacements (2010)	Btu/kWh	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80
Scrubber Wet Stack Conversion (Aux steam reheat)(2010)	Btu/kWh	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
Steam Air Heaters (est)(2011)	Btu/kWh	120	120	120	120	120	120	120	120	120	120
Dense Pack Turbine	Btu/kWh	-350	-350	-350	-350	-350	-350	-350	-350	-350	-350
Low NOX Burners (LOI effect)	Btu/kWh	50	50	50	50	50	50	50	50	50	50
Total adjustments related to Capital Projects	Btu/kWh	-355	-355	-355	-355	-355	-355	-355	-355	-355	-355

Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-14	-14	-14	-14	-126	-126	-126	-126	-126	-126
Total Auxiliary Load Changes	KW	-14	-14	-14	-14	-126	-126	-126	-126	-126	-126

Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Clean Air Initative Additions (1.48MW 2010)	MW	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
Turbine upgrade Dense Pack (18nMW 2010)	MW	18	18	18	18	18	18	18	18	18	18
Total Capacity Changes	MW	17	17	17	17	17	17	17	17	17	17

Table 2
Huntington Unit 2
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Cooling Tower Fill	Btu/kWh	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Air Heater Basket Replacements (2011)	Btu/kWh		-80	-80	-80	-80	-80	-80	-80	-80	-80
Steam Air Heaters (2011)	Btu/kWh		120	120	120	120	120	120	120	120	120
2 LP FWHeaters (2015)	Btu/kWh					-5	-5	-5	-5	-5	-5
Dense Pack Turbine	Btu/kWh					-62	-373	-373	-373	-373	-373
Total adjustments related to Capital Projects	Btu/kWh	-10	30	30	30	-37	-348	-348	-348	-348	-348
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-25	62	62	62	62	-37	-37	-37	-37	-37
Complete Unit 1 & 2 BA Drag Chain Conveyor (eliminate ash water pumps)(2011)	KW					-73	-440	-440	-440	-440	-440
Total Auxiliary Load Changes	KW	-25	62	62	62	-11	-477	-477	-477	-477	-477
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Turbine upgrade Dense Pack (18nMW 2019)	MW					18	18	18	18	18	18
Total Capacity Changes	MW	0	0	0	0	18	18	18	18	18	18

10. Required Signatures

Performance Engineer – Huntington Plant		Ron Hall	
Signature:	(on file)	Date:	15Apr11

Manager, Engineering – Huntington Plant		Glenn Pinterich	
Signature:	(on file)	Date:	15Apr11

Managing Director – Huntington Plant		DJ Cunningham	
Signature:	(on file)	Date:	15Apr11

Hunter Plant Heat Rate Improvement Plan

Htr_2011_HRIP

Table of Contents

1. Revision History

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1			2011 Plan Issue	April 30, 2011

2. Revision Control

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3. Glossary of Terms

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Total actual heat input in Btu's divided by actual net generation.

3.2. As-built Net Heat Rate (Btu/kWh)

Total guaranteed heat input, from the design heat balances in Btu's divided by the guaranteed net generation, corrected for changes in equipment from design. This is the baseline number for the plant personnel when they make their annual reconciliation.

3.3. British thermal unit (Btu)

British thermal unit is defined as the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

3.4. Gross Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual gross generation.

3.5. Net Generation (kWh)

Gross generation minus auxiliary or station usage

3.6. Planned Net Heat Rate (Btu/kWh)

Total budgeted heat input in Btu's divided by the budgeted net generation. This number is the annual goal for the plant personnel to achieve.

4. Overall Plan and Objectives

4.1. Unit 1- Goals for 10-year plan

Figure 1, in the appendix, shows the ten-year heat rate plan for Hunter unit 1. The dips in the Planned Net Heat Rate in the years 2011 and 2015 are due to the work that is scheduled to take place during the planned outages in 2010 and 2014 (see section 7).

4.2. Unit 2 - Goals for 10-year Plan

Figure 2, in the appendix, shows the ten-year heat rate plan for Hunter unit 2. The dips in the Planned Net Heat Rate in the years 2012 and 2016 are due to the work that is scheduled to take place during the planned outages in 2011 and 2015 (see section 7).

4.3. Unit 3 - Goals for 10-year Plan

Figure 3, in the appendix, shows the ten-year heat rate plan for Hunter unit 3. The dips in the Planned Net Heat Rate in the years 2013 and 2017 are due to the work that is scheduled to take place during the planned outages in 2012 and 2016 (see section 7).

5. Performance against last year's plan

5.1. Unit 1

Planned Net Heat Rate			10,125
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	162	7	(155)
Turbine Losses	288	263	(25)
Other Losses	(170)	511	681
Actual Net Heat Rate			10,625

Negative numbers in the table above are improvements to heat rate.

5.2. Unit 2

Planned Net Heat Rate			10,681
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	267	145	(122)
Turbine Losses	519	906	387
Other Losses	56	437	381
Actual Net Heat Rate			11,327

Negative numbers in the table above are improvements to heat rate.

5.3. Unit 3

Planned Net Heat Rate			10,238
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	211	150	(61)
Turbine Losses	402	234	(168)
Other Losses	50	166	116
Actual Net Heat Rate			10,126

Negative numbers in the table above are improvements to heat rate.

6. Major Losses for Current Planned Net Heat Rate

This section of the heat rate plan identifies the reconciliation of the items that have the most impact between the As-built Net Heat Rate and the Planned Net Heat Rate.

6.1. Unit 1

As-Built Net Heat Rate	9,843
Boiler Losses	190
Turbine Losses	289
Other Losses	(84)
Planned Net Heat Rate	10,238

6.2. Unit 2

As-Built Net Heat Rate	9,839
Boiler Losses	165
Turbine Losses	323
Other Losses	96
Planned Net Heat Rate	10,423

6.3. Unit 3

As-Built Net Heat Rate	9,576
Boiler Losses	235
Turbine Losses	508
Other Losses	118
Planned Net Heat Rate	10,437

7. Major Unit Specific Initiatives

This section identifies the major planned capital and operational activities to improve or regain lost heat rate for the current 10-year plan.

7.1. Unit 1

Table 1 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

7.2. Unit 2

Table 2 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

7.3. Unit 3

Table 3 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

8. Annual Review and Update

This plan will be reviewed and updated annually by the Hunter plant management team by April 30.

9. Appendix

Figure 1
Hunter Unit 1
10-year Plan Heat Rate Goals

Hunter 1

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,846	9,846	9,846	9,846	9,845	9,844	9,844	9,844	9,845	9,846	9,846	9,846	9,846	9,846	9,846
Planned Net Heat Rate 2011, Btu/Kwh	10,720	10,675	10,758	10,762	10,125	10,238	10,398	10,506	10,502	10,363	10,419	10,443	10,227	10,230	10,302
Actual Net Heat Rate, Btu/Kwh	10,697	10,656	11,042	10,993	10,625										
Capacity Factor 2011, %	91.1%	85.9%	88.1%	84.5%	75.5%	89.6%	85.4%	84.2%	71.0%	90.6%	90.5%	89.7%	81.7%	90.2%	90.0%

Figure 2

Hunter Unit 2
10-year Plan Heat Rate Goals

Hunter 2

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,839	9,839	9,839	9,839	9,839	9,839	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,842	9,842
Planned Net Heat Rate 2011, Btu/Kwh	10,570	10,463	10,558	10,607	10,681	10,423	10,233	10,345	10,435	10,164	10,224	10,255	10,308	10,134	10,170
Actual Net Heat Rate, Btu/Kwh	10,636	10,198	10,817	11,117	11,327										
Capacity Factor 2011, %	80.4%	90.6%	89.7%	84.1%	88.9%	73.0%	87.9%	86.8%	86.0%	84.2%	90.9%	89.4%	88.9%	82.1%	90.9%

Figure 3

Hunter Unit 3
10-year Plan Heat Rate Goals

Hunter 3

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,576	9,572	9,576	9,576	9,576	9,575	9,574	9,574	9,574	9,574	9,574	9,574	9,574	9,574	9,574
Planned Net Heat Rate 2011, Btu/Kwh	10,300	10,141	10,098	10,178	10,238	10,437	10,101	10,156	10,190	10,232	10,088	10,142	10,171	10,221	10,093
Actual Net Heat Rate, Btu/Kwh	10,318	10,123	10,275	10,335	10,126										
Capacity Factor 2011, %	85.2%	81.3%	88.4%	81.2%	89.6%	82.6%	73.5%	84.1%	82.0%	87.1%	82.4%	87.9%	86.2%	86.0%	79.8%

Table 1
Hunter Unit 1
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Plant controls replacement/Optimization systems in place	Btu/kWh	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Feedwater Heater Replacement--HP FWH's	Btu/kWh	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
Air Preheater basket and seal replacement	Btu/kWh	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
HP/IP Turbine Upgrade	Btu/kWh	-374	-374	-374	-374	-374	-374	-374	-374	-374	-374
Clean air initiative: Baghouse installation, wet stack	Btu/kWh				21	32	32	32	32	32	32
Total adjustments related to Capital Projects	Btu/kWh	-408	-408	-408	-387	-376	-376	-376	-376	-376	-376
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-100	-100	-100	-37	-6	-6	-6	-6	-6	-6
Total Auxiliary Load Changes	KW	-100	-100	-100	-37	-6	-6	-6	-6	-6	-6
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Clean air initiative: wet stack & baghouse	MW	0	0	0	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
HP/IP/LP Turbine Upgrade	MW	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
Total Capacity Changes	MW	17	17	17	16	16	16	16	16	16	16

Table 2
Hunter Unit 2
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Plant controls replacement/Optimization system in place	Btu/kWh	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Air Preheater Basket Replacement	Btu/kWh	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
Turbine Upgrade DensePack	Btu/kWh	-249	-374	-374	-374	-374	-374	-374	-374	-374	-374
Clean air initiative - Baghouse installation, wet stack	Btu/kWh	23	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
Clean air initiative - SCR	Btu/kWh									36	36
Total adjustments related to Capital Projects	Btu/kWh	-234	-358	-358	358	-358	-358	-358	-358	-322	-322
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	12	43	43	43	43	43	43	43	143	143
Total Auxiliary Load Changes	KW	12	43	43	43	43	43	43	43	143	143
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Clean air initiative: Baghouse, wet stack	MW	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
Turbine Upgrade DensePack	MW	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
Clean air initiative - SCR	MW									-2.4	-2.4
Total Capacity Changes	MW	15.52	15.52	15.52	15.52	15.52	15.52	15.52	15.52	13.16	13.16

Table 3
Hunter Unit 3
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Cooling tower replacement	Btu/kWh						-20	-20	-20	-20	-20
Feedwater Htr replacement - HP	Btu/kWh	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Turbine Upgrade DensePack	Btu/kWh		-284	-378	-378	-378	-378	-378	-378	-378	-378
CAI work (SCR)	Btu/kWh						0	0	0	0	0
Total adjustments related to Capital Projects	Btu/kWh	-10	-294	-388	-388	-388	-408	-408	-408	-408	-408
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-29	-86	-86	-86	-86	-86	-86	-86	-86	-86
Total Auxiliary Load Changes	KW	-29	-86	-86	-86	-86	-86	-86	-86	-86	-86
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Turbine Upgrade DensePack	MW		19	19	19	19	19	19	19	19	19
CAI work (SCR)	MW		0	0	0	0	0	0	0	0	0
Total Capacity Changes	MW	0	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9

10. Required Signatures

Performance Engineer – Hunter Plant		Kent Gilbert	
Signature:	(on file)	Date:	30Mar10

Manager, Engineering – Hunter Plant		Larry Bruno	
Signature:	(on file)	Date:	30Mar10

Managing Director – Hunter Plant		Laren Huntsman	
Signature:	(on file)	Date:	31Mar10

Jim Bridger Plant Heat Rate Improvement Plan

JB_2011_HRIP

Table of Contents

1. Revision History

Version	Status	Author	Reason for Issue	Date
1			Original Submittal	April 30, 2011

2. Revision Control

This document is maintained by the PacifiCorp Energy Asset Management group.

3. Glossary of Terms

3.1. Actual Net Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual net generation.

3.2. As-built Net Heat Rate (Btu/kWh)

Total guaranteed heat input, from the design heat balances in Btu's divided by the guaranteed net generation, corrected for changes in equipment from design. This is the baseline number for the plant personnel when they make their annual reconciliation.

3.3. British thermal unit (Btu)

British thermal unit is defined as the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

3.4. Gross Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual gross generation.

3.5. Net Generation (kWh)

Gross generation minus auxiliary or station usage

3.6. Planned Net Heat Rate (Btu/kWh)

Total budgeted heat input in Btu's divided by the budgeted net generation. This number is the annual goal for the plant personnel to achieve.

4. Overall Plan and Objectives

4.1. Unit 1- Goals for 10-year plan

Figure 1, in the appendix, shows the ten-year heat rate plan for Jim Bridger unit 1. The dip in the Planned Net Heat Rate in the year 2011 is due to the work that is scheduled to take place during the planned outage in 2010 (see section 7).

4.2. Unit 2 - Goals for 10-year Plan

Figure 2, in the appendix, shows the ten-year heat rate plan for Jim Bridger unit 2. The dip in the Planned Net Heat Rate in the year 2014 is due to the work that is scheduled to take place during the planned outage in 2013 (see section 7).

4.3. Unit 3 - Goals for 10-year Plan

Figure 3, in the appendix, shows the ten-year heat rate plan for Jim Bridger unit 3. The dip in the Planned Net Heat Rate in the year 2012 is due to the work that is scheduled to take place during the planned outage in 2011 (see section 7).

4.4. Unit 4 - Goals for 10-year Plan

Figure 4, in the appendix, shows the ten-year heat rate plan for Jim Bridger unit 4. The dip in the Planned Net Heat Rate in the years 2013 is due to the work that is scheduled to take place during the planned outage in 2012 (see section 7).

5. Performance against last year's plan

The 2010 accounting heat rates shown are markedly less than plan. The units benefited by coal pile aerial survey adjustments that resulted in more tons on the pile than were being carried as "book" values. As a result, the unit burn quantities were credited. Additionally, Unit One greatly benefited from a replacement of the HP/IP turbine sections which reduced the unit heat rate. Plans for successive turbine replacements are on hold until subsynchronous resonance issues between LP turbines and the transmission system are resolved.

5.1. Unit 1

Planned Net Heat Rate			10,360
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	148	127	(21)
Turbine Losses	757	239	(518)
Other Losses	(67)	67	134
Actual Net Heat Rate			9,954

Negative numbers in the table above are improvements to heat rate.

5.2. Unit 2

Planned Net Heat Rate			10,448
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	139	165	26
Turbine Losses	673	515	-158
Other Losses	94	59	-35
Actual Net Heat Rate			10,281

Negative numbers in the table above are improvements to heat rate.

5.3. Unit 3

Planned Net Heat Rate			10,351
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	196	213	17
Turbine Losses	579	516	(63)
Other Losses	55	97	42
Actual Net Heat Rate			10,347

Negative numbers in the table above are improvements to heat rate.

5.4. Unit 4

Planned Net Heat Rate			10,366
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	152	189	37
Turbine Losses	640	502	(138)
Other Losses	48	57	9
Actual Net Heat Rate			10,273

Negative numbers in the table above are improvements to heat rate.

6. Major Losses for Current Planned Net Heat Rate

This section of the heat rate plan identifies the reconciliation of the items that have the most impact between the As-built Net Heat Rate and the Planned Net Heat Rate.

6.1. Unit 1

As-Built Net Heat Rate	9,520
Boiler Losses	169
Turbine Losses	613
Other Losses	65
Planned Net Heat Rate	10,367

6.2. Unit 2

As-Built Net Heat Rate	9,538
Boiler Losses	147
Turbine Losses	815
Other Losses	-14
Planned Net Heat Rate	10,487

6.3. Unit 3

As-Built Net Heat Rate	9,529
Boiler Losses	194
Turbine Losses	817
Other Losses	-71
Planned Net Heat Rate	10,469

6.4. Unit 4

As-Built Net Heat Rate	9,526
Boiler Losses	161
Turbine Losses	741
Other Losses	-1
Planned Net Heat Rate	10,427

7. Major Unit Specific Initiatives

This section identifies the major planned capital and operational activities to improve or regain lost heat rate for the current 10-year plan. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

7.1. Unit 1

Table 1 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate.

7.2. Unit 2

Table 2 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. The turbine project originally planned for 2017 has been changed to a partial project (HP/IP) in 2013.

7.3. Unit 3

Table 3 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. The turbine upgrade planned for 2019 has been deferred indefinitely pending resolution of resonance issues.

7.4. Unit 4

Table 4 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. The turbine upgrade planned for 2016 has been deferred indefinitely pending resolution of resonance issues.

8. Annual Review and Update

This plan will be reviewed and updated annually by the Jim Bridger plant management team by April 30.

9. Appendix

Figure 1
Jim Bridger Unit 1
10-year Plan Heat Rate Goals

Jim Bridger 1

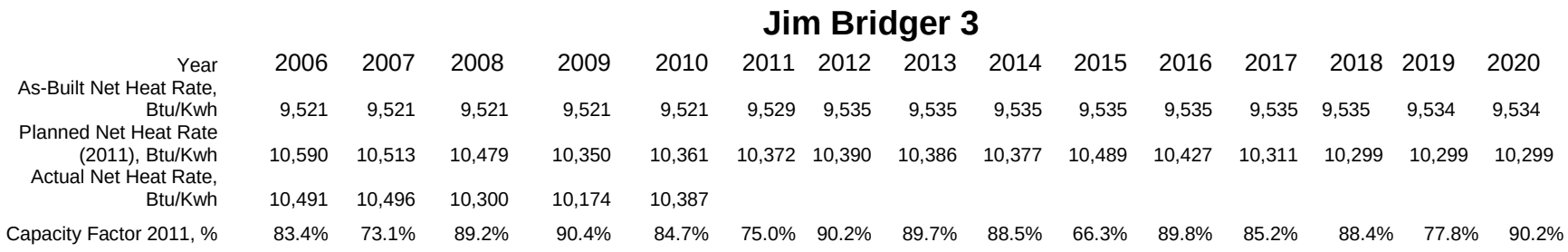
Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,533	9,520	9,533	9,520	9,521	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520
Planned Net Heat Rate (2011), Btu/Kwh	10,440	10,408	10,404	10,410	10,734	10,203	10,272	10,281	10,290	10,276	10,273	10,279	10,097	10,088	10,098
Actual Net Heat Rate, Btu/Kwh	10,354	10,336	10,413	10,119	9,980										
Capacity Factor 2011, %	73.5%	88.3%	83.0%	86.9%	65.7%	89.0%	89.3%	87.5%	76.5%	88.2%	88.5%	87.7%	78.4%	88.4%	88.4%

Figure 2
Jim Bridger Unit 2
10-year Plan Heat Rate Goals

Jim Bridger 2

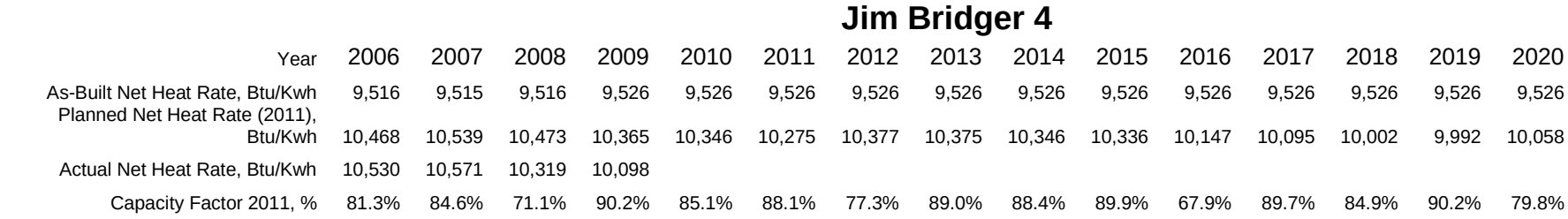
Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,535	9,525	9,535	9,533	9,542	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538	9,538
Planned Net Heat Rate (2011), Btu/Kwh	10,460	10,473	10,528	10,417	10,497	10,378	10,446	10,370	10,370	10,370	10,393	10,393	10,393	10,393	10,393
Actual Net Heat Rate, Btu/Kwh	10,342	10,425	10,352	10,164	10,322										
Capacity Factor 2011, %	86.0%	86.1%	85.5%	71.4%	87.4%	87.0%	86.1%	78.1%	89.7%	88.6%	88.0%	77.9%	89.5%	89.4%	88.2%

Figure 3
Jim Bridger Unit 3
10-year Plan Heat Rate Goals



Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,521	9,521	9,521	9,521	9,521	9,529	9,535	9,535	9,535	9,535	9,535	9,535	9,535	9,534	9,534
Planned Net Heat Rate (2011), Btu/Kwh	10,590	10,513	10,479	10,350	10,361	10,372	10,390	10,386	10,377	10,489	10,427	10,311	10,299	10,299	10,299
Actual Net Heat Rate, Btu/Kwh	10,491	10,496	10,300	10,174	10,387										
Capacity Factor 2011, %	83.4%	73.1%	89.2%	90.4%	84.7%	75.0%	90.2%	89.7%	88.5%	66.3%	89.8%	85.2%	88.4%	77.8%	90.2%

Figure 4
Jim Bridger Unit 4
10-year Plan Heat Rate Goals



Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,516	9,515	9,516	9,526	9,526	9,526	9,526	9,526	9,526	9,526	9,526	9,526	9,526	9,526	9,526
Planned Net Heat Rate (2011), Btu/Kwh	10,468	10,539	10,473	10,365	10,346	10,275	10,377	10,375	10,346	10,336	10,147	10,095	10,002	9,992	10,058
Actual Net Heat Rate, Btu/Kwh	10,530	10,571	10,319	10,098											
Capacity Factor 2011, %	81.3%	84.6%	71.1%	90.2%	85.1%	88.1%	77.3%	89.0%	88.4%	89.9%	67.9%	89.7%	84.9%	90.2%	79.8%

Table 1
Jim Bridger Unit 1
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Controls Upgrade	Btu/kWh	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70
Turbine Upgrade Dense Pack	Btu/kWh	-100	-100	-100	-100	-100	-100	-100	-224	-313	-313
Scrubber Upgrade	Btu/kWh	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
Total adjustments related to Capital Projects	Btu/kWh	-119	-119	-119	-119	-119	-119	-119	-243	-332	-332
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-204	-204	-204	-204	-204	-204	-204	-204	-204	-204
Drag Chain conveyor	KW	-553	-553	-553	-553	-553	-553	-553	-553	-553	-553
Total Auxiliary Load Changes	KW	-757	-757	-757	-757	-757	-757	-757	-757	-757	-757
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Turbine Upgrade Dense Pack	MW	5.6	5.6	5.6	5.6	5.6	5.6	5.6	18	18.0	18.0
Scrubber Upgrade	MW	-3.1	-3.1	-3.1	-3.1	-3.1	-3.1	-3.1	-3.1	-3.1	-3.1
Total Capacity Changes	MW	2.5	2.5	2.5	2.5	2.5	2.5	2.5	14.9	14.9	14.9

Table 2
Jim Bridger Unit 2
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Controls Upgrade	Btu/kWh	-17.5	-17.5	-17.5	-17.5	-17.5	-17.5	-17.5	-17.5	-17.5	-17.5
Turbine Upgrade Dense Pack	Btu/kWh			-58	-100	-100	-100	-100	-100	-100	-100
Scrubber Upgrade	Btu/kWh	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
Total adjustments related to Capital Projects	Btu/kWh	64.4	64.4	6.4	-35.6	-35.6	-35.6	-35.6	-35.6	-35.6	-35.6
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-53	-53	-53	-53	-53	-53	-53	-53	-53	-53
Drag Chain Conveyor	KW	-530	-530	-530	-530	-530	-530	-530	-530	-530	-530
Clean Air Initiative - WFGD (90%) LNB	KW	795	795	795	795	795	795	795	795	795	795
Total Auxiliary Load Changes	KW	211	211	211	211	211	211	211	211	211	211
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Turbine Upgrade Dense Pack	MW			4	4	4	4	4	4	4	4
Scrubber Upgrade	MW	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0
Total Capacity Changes	MW	-3.0	-3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Table 3
Jim Bridger Unit 3
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Turbine Upgrade Dense Pack	Btu/kWh					0	0.0	0.0	0.0	0	0
Scrubber upgrade	Btu/kWh	32	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
SCR addition	Btu/kWh					34	57.5	57.5	57.5	57.5	57.5
Total adjustments related to Capital Projects	Btu/kWh	32	54	54	54	88	112	112	112	112	112
Budgeted / Planned Auxiliary Load Changes											
Clean Air Initiative - WFGD (90%) LNB	KW	464	795	795	795	795	795	795	795	795	795
Total Auxiliary Load Changes	KW	464	795	795	795	795	795	795	795	795	795
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Turbine Upgrade Dense Pack	MW									0	0
Scrubber upgrade	MW	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0
SCR addition	MW					-3.2	-3.2	-3.2	-3.2	-3.2	-3.2
Total Capacity Changes	MW	-3.0	-3.0	-3.0	-3.0	-6.2	-6.2	-6.2	-6.2	-6.2	-6.2

Table 4
Jim Bridger Unit 4
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
41 Feedwater heater replacement	Btu/kWh	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70
Turbine Upgrade Dense Pack	Btu/kWh										
SCR	Btu/kWh						30	60	60	60	60
Total adjustments related to Capital Projects	Btu/kWh	-70	-70	-70	-70	-70	-40	-10	-10	-10	-10
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-223	-223	-223	-223	-223	-223	-223	-223	-223	-223
Clean Air Initiative - WFGD (90%) LNB	KW	795	795	795	795	795	795	795	795	795	795
Total Auxiliary Load Changes	KW	572	572	572	572	572	572	572	572	572	572
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Turbine Upgrade Dense Pack	MW										
SCR	MW						-3.3	-3.3	-3.3	-3.3	-3.3
Total Capacity Changes	MW	0	0	0	0	0.00	-3.3	-3.3	-3.3	-3.3	-3.3

10. Required Signatures

Performance Engineer – Jim Bridger Plant		Bernie Caulfield	
Signature:	(on file)	Date:	28 April 2011

Engineering Manager – Jim Bridger Plant		Jim Sedey	
Signature:	(on file)	Date:	28 April 2011

Managing Director – Jim Bridger Plant		Bob Arambel	
Signature:	(on file)	Date:	28 April 2011

PACIFICORP ENERGY
A DIVISION OF PACIFICORP

Naughton Plant Heat Rate Improvement Plan

Ntn_2011_HRIP

Table of Contents

1. Revision History

Version	Status	Author	Reason for Issue	Date
1			2011 Plan Issue	April 30, 2011

2. Revision Control

This document is maintained by the PacifiCorp Energy Asset Management group.

3. Glossary of Terms

3.1. Actual Net Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual net generation.

3.2. As-built Net Heat Rate (Btu/kWh)

Total guaranteed heat input, from the design heat balances in Btu's divided by the guaranteed net generation, corrected for changes in equipment from design. This is the baseline number for the plant personnel when they make their annual reconciliation.

3.3. British thermal unit (Btu)

British thermal unit is defined as the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

3.4. Gross Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual gross generation.

3.5. Net Generation (kWh)

Gross generation minus auxiliary or station usage

3.6. Planned Net Heat Rate (Btu/kWh)

Total budgeted heat input in Btu's divided by the budgeted net generation. This number is the annual goal for the plant personnel to achieve.

4. Overall Plan and Objectives

4.1. Unit 1- Goals for 10-year plan

Figure 1, in the appendix, shows the ten-year heat rate plan for Naughton Unit 1. The dips in the Planned Net Heat Rate in the years 2012 and 2016 are due to the work that is scheduled to take place during the planned outages in 2012 and 2016 (see section 7).

4.2. Unit 2- Goals for 10-year plan

Figure 2, in the appendix, shows the ten-year heat rate plan for Naughton Unit 2. The dips in the Planned Net Heat Rate in the years 2011 and 2015 are due to the work that is scheduled to take place during the planned outages in 2011 and 2015 (see section 7).

4.3. Unit 3- Goals for 10-year plan

Figure 3, in the appendix, shows the ten-year heat rate plan for Naughton Unit 3. The dips in the Planned Net Heat Rate in the years 2009 and 2014 are due to the work that is scheduled to take place during the planned outages in 2010 and 2014 (see section 7).

5. Performance against last year's plan

5.1. Unit 1

Planned Net Heat Rate			10,298
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	9	84	75
Turbine Losses	340	172	(168)
Other Losses	(8)	77	85
Actual Net Heat Rate			10,290

Negative numbers in the table above are improvements to heat rate.

5.2. Unit 2

Planned Net Heat Rate			10,383
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	27	148	121
Turbine Losses	345	171	(174)
Other Losses	67	(55)	(122)
Actual Net Heat Rate			10,208

Negative numbers in the table above are improvements to heat rate.

5.3. Unit 3

Planned Net Heat Rate			10,234
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	57	(20)	(77)
Turbine Losses	295	811	516
Other Losses	25	60	35
Actual Net Heat Rate			10,708

Negative numbers in the table above are improvements to heat rate.

6. Major Losses for Current Planned Net Heat Rate

This section of the heat rate plan identifies the reconciliation of the items that have the most impact between the As-built Net Heat Rate and the Planned Net Heat Rate.

6.1. Unit 1

As-Built Net Heat Rate	9,957
Boiler Losses	9
Turbine Losses	499
Other Losses	(110)
Planned Net Heat Rate	10,355

6.2. Unit 2

As-Built Net Heat Rate	9,963
Boiler Losses	26
Turbine Losses	552
Other Losses	-53
Planned Net Heat Rate	10,488

6.3. Unit 3

As-Built Net Heat Rate	9,857
Boiler Losses	57
Turbine Losses	333
Other Losses	97
Planned Net Heat Rate	10,344

7. Major Unit Specific Initiatives

This section identifies the major planned capital and operational activities to improve or regain lost heat rate for the current 10-year plan.

7.1. Unit 1

Table 1 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

7.2. Unit 2

Table 2 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

7.3. Unit 3

Table 3 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

8. Annual Review and Update

This plan will be reviewed and updated annually by the Naughton plant management team by April 30.

9. Appendix

Figure 1
Naughton Unit 1
10-year Plan Heat Rate Goals

Naughton 1

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,960	9,959	9,960	9,959	9,957	9,957	9,963	9,960	9,960	9,960	9,959	9,959	9,959	9,959	9,959
Planned Net Heat Rate 2011, Btu/Kwh	10,720	10,332	10,219	10,346	10,298	10,289	10,115	10,156	10,248	10,238	10,121	10,121	10,199	10,238	10,121
Actual Net Heat Rate, Btu/Kwh	10,740	10,206	10,417	10,263	10,290										
Capacity Factor 2011, %	78.4%	79.7%	88.6%	88.4%	87.9%	87.8%	76.1%	90.7%	89.9%	89.5%	81.5%	91.3%	90.5%	89.7%	81.8%

Figure 2
Naughton Unit 2
10-year Plan Heat Rate Goals

Naughton 2

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,958	9,958	9,955	9,950	9,944	9,963	9,962	9,962	9,962	9,962	9,962	9,962	9,962	9,962	9,962
Planned Net Heat Rate 2011, Btu/Kwh	10,480	10,350	10,364	10,445	10,383	10,406	10,445	10,505	10,558	10,346	10,319	10,393	10,452	10,324	10,229
Actual Net Heat Rate, Btu/Kwh	10,672	10,810	10,848	10,128	10,208										
Capacity Factor 2011, %	73.5%	89.3%	84.7%	82.8%	88.2%	72.2%	90.3%	90.0%	88.9%	79.5%	91.2%	90.4%	89.6%	80.2%	91.1%

Figure 3
Naughton Unit 3
10-year Plan Heat Rate Goals

Naughton 3

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	9,863	9,863	9,863	9,857	9,857	9,857	9,857	9,856	9,857	9,858	9,858	9,858	9,858	9,858	9,858
Planned Net Heat Rate 2011, Btu/Kwh	10,350	10,366	10,393	10,111	10,234	10,267	10,319	10,377	10,376	10,328	10,375	10,422	10,334	10,334	10,385
Actual Net Heat Rate, Btu/Kwh	10,198	10,506	10,683	10,859	10,708										
Capacity Factor 2011, %	85.7%	84.7%	79.6%	68.0%	89.7%	85.7%	87.4%	86.3%	66.5%	89.8%	86.1%	87.3%	80.5%	90.3%	86.3%

Table 1
Naughton Unit 1
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Install Intelligent soot blowing (2016)	Btu/kWh	0	0	0	0	0	-25	-25	-25	-25	-25
CO&O2 Grid (2012)	Btu/kWh	0	-13	-13	-13	-13	-13	-13	-13	-13	-13
Condenser Replacement (2016)	Btu/kWh	0	0	0	0	0	-30	-30	-30	-30	-30
SO3 Injection System (2010)	Btu/kWh	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
Scrubber Addition (-2.58Mw Aux Load) (2012)	Btu/kWh	0	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2	163.2
Total adjustments related to Capital Projects	Btu/kWh	-25	138.2	138.2	138.2	138.2	70.2	70.2	70.2	70.2	70.2
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	-26	146	146	146	146	74	74	74	74	74
Air Compressor Upgrade (2009)	KW	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27
Total Auxiliary Load Changes	KW	-53	119	119	119	119	48	48	-27	-27	-27
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Scrubber Addition (-2.58Mw Aux Load) (2012)	MW		-2.58	-2.58	-2.58	-2.58	-2.58	-2.58	-2.58	-2.58	-2.58
Total Capacity Changes	MW	0	-2.58	-2.58	-2.58	-2.58	-2.58	-2.58	-2.58	-2.58	-2.58

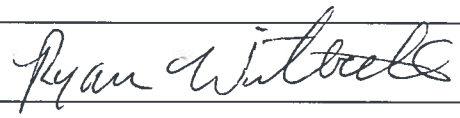
Table 2
Naughton Unit 2
10-year Plan Heat Rate Improvement Projects

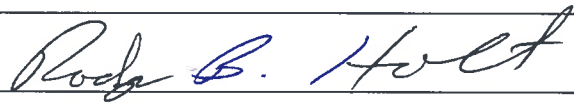
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Install intelligent soot blowing (2012)	Btu/kWh	0	-25	-25	-25	-25	-25	-25	-25	-25	-25
CO&O2 grid (2011)	Btu/kWh	-5	-13	-13	-13	-13	-13	-13	-13	-13	-13
SO3 Injection System (2010)	Btu/kWh	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
Scrubber Addition (2011 -4.71MW)	Btu/kWh	228	228	228	228	228	228	228	228	228	228
Total adjustments related to Capital Projects	Btu/kWh	178	178	178	178	173	165	165	165	165	165
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	266	266	266	266	259	247	247	247	247	247
Cooling Tower VFD optimization (2012)	KW	-134	-134	-134	-134	-134	-134	-134	-134	-134	-134
Air Compressor Upgrade (2009)	KW	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27
Total Auxiliary Load Changes	KW	105	105	105	105	98	86	86	86	86	86
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Scrubber Addition (2011 -4.71MW)	MW	-4.71	-4.71	-4.71	-4.71	-4.71	-4.71	-4.71	-4.71	-4.71	-4.71
Total Capacity Changes	MW	-4.7	-4.71	-4.71	-4.71	-4.71	-4.71	-4.71	-4.71	-4.71	-4.71

Table 3
Naughton Unit 3
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
CO&O2 grid (2014)	Btu/kWh	0	0	0	-12	-25	-25	-25	-25	-25	-25
Install intelligent soot blowing (2014)	Btu/kWh	0	0	0	-12	-25	-25	-25	-25	-25	-25
Increased CAI load (-4.55MW 2014)	Btu/kWh	0	0	0	80	137.8	137.8	137.8	137.8	137.8	137.8
Total adjustments related to Capital Projects	Btu/kWh	0	0	0	56	88	88	88	88	88	88
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	0	0	0	110	172	172	172	172	172	172
Condensate Pump Upgrade (2011)	KW	-100	-160	-160	-160	-160	-160	-160	-160	-160	-160
Air Compressor Upgrade (2009)	KW	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27
Total Auxiliary Load Changes	KW	-127	-187	-187	-76	-15	-15	-15	-15	-15	-15
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
Increased CAI load (-4.55MW 2014)	MW				-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Total Capacity Changes	MW	0.0	0.0	0.0	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6

10. Required Signatures

Performance Engineer – Naughton Plant	Ryan Witbeck		
Signature:		Date:	22 April 2011

Manager, Engineering – Naughton Plant	Rodger Holt		
Signature:		Date:	22 April 2011

Managing Director – Naughton Plant	Bruce Vinnola		
Signature:		Date:	22 April 2011

Pacificorp Energy Heat Rate Improvement Plan

Sys_2011_HRIP

Table of Contents

1. Revision History

Version	Status	Author	Reason for Issue	Date
1			Original Submittal	April 26, 2011

2. Revision Control

This document is maintained by the PacifiCorp Energy Asset Management group.

3. Glossary of Terms

3.1. Actual Net Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual net generation.

3.2. As-built Net Heat Rate (Btu/kWh)

Total guaranteed heat input, from the design heat balances in Btu's divided by the guaranteed net generation, corrected for changes in equipment from design. This is the baseline number for the plant personnel when they make their annual reconciliation.

3.3. British thermal unit (Btu)

British thermal unit is defined as the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

3.4. Gross Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual gross generation.

3.5. Net Generation (kWh)

Gross generation minus auxiliary or station usage

3.6. Planned Net Heat Rate (Btu/kWh)

Total budgeted heat input in Btu's divided by the budgeted net generation. This number is the annual goal for the plant personnel to achieve.

4. Overall Plan and Objectives

The overall heat rate strategy is to 1) minimize heat rate losses in our operating plants, 2) add new resources that are more heat rate efficient.

4.1. Turbine Upgrades

Improve Pacificorp Energy overall system heat rate by replacement of major turbine components. Technology improvements in turbine steam path design should result in 1-3% more generated megawatts for the same amount of steam energy supplied. No changes to the boiler capacity, fuel consumed, or stack emissions are expected. These replacements are economical on the larger units, generally those over 350 MW. Turbine

replacements will be done on the regular turbine / boiler outage cycle by unit.

4.2. Availability Improvements

Improvement in unit availability and reduction of forced outages will contribute to less low load operation (higher heat rate) and offline fuel use of offline electrical power use. This will affect overall heat rate less than 0.5 %.

4.3. New Resources

Increased demand will be met with natural gas fueled units. Coal fueled units are already near their capacity, so any increase in demand will be provided by increasing capacity factors at the gas fueled units. Fossil-fueled system heat rate does not include the contribution of gas plant operation.

5. Performance against last year's plan

Comparison of the planned heat rate and the actual heat rate is shown in Figure 1 in the Appendix.

6. Major Losses for Current Planned Net Heat Rate

This section of the heat rate plan identifies the system influences that will affect the Planned Net Heat Rate.

6.1. Increase in Demand Energy

Increases in demand electrical energy will probably be made up with gas-fueled generation.

6.2. Displacement of Fossil-Fueled Generation with Non-Fossil Generation

Increases in available generation from non-fossil sources (Wind, Hydro, Geothermal, and Solar) will displace fossil-fueled generation. The displaced generation will tend to be gas-fueled generation due to fuel costs and the rapid response of gas-fueled generation to variable displacement. This will result in higher (worse) system fossil-fueled heat rate. The opposite of this effect is also possible, that less non-fossil generation available will result in lower (better) fossil-fueled system heat rate.

6.3. Environmental Plan Projects

Environmental projects will increase the unit's auxiliary load, which will result in an increase (worse) in heat rate. There are several environmental projects scheduled over the next 10 years.

7. Major Initiatives

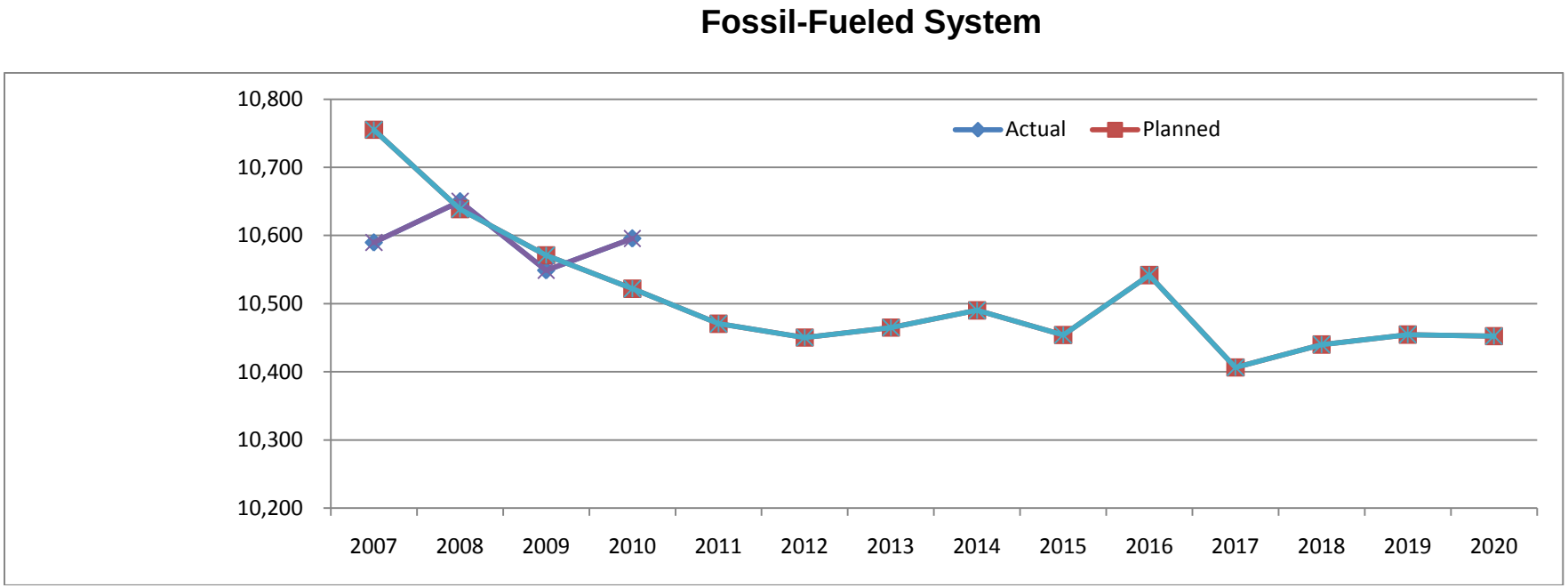
This section identifies the major planned capital and operational activities to improve or regain lost heat rate for the current 10-year plan. See Table 1.

8. Annual Review and Update

This plan will be reviewed and updated annually by the Pacificorp Energy management team by April 30.

9. Appendix

Figure 1
Pacificorp Energy
10-year Plan Heat Rate Goals



Year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Planned Net Heat Rate, Btu/Kwh	10,755	10,639	10,571	10,522	10,471	10,450	10,465	10,490	10,454	10,542	10,406	10,440	10,455	10,452
Actual Net Heat Rate, Btu/Kwh	10,590	10,650	10,549	10,596										

Table 1
Pacificorp Energy
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
System HR benefit of Turbine Upgrades	Btu/kWh	-57	-81	-87	-87	-91	-110	-115	-115	-115	-115
System HR effect of Environmental Projects	Btu/kWh	28	39	41	46	50	53	55	55	57	57
System HR effect of Other Heat Rate Improvement Projects	Btu/kWh	-25	-24	-24	-24	-27	-29	-30	-29	-29	-29
Total Adjustments from Heat Rate Improvement Projects	Btu/kWh	-55	-65	-70	-66	-67	-86	-90	-89	-87	-87

10. Required Signatures

Corporate Heat Rate Engineer		Alan Jackson	
Signature:	(on file)	Date:	28 April 2011

Manager, Engineering/Environmental		Greg Hunter	
Signature:	(on file)	Date:	28 April, 2011

Managing Director, Generation Support		Rod Roberts	
Signature:	(on file)	Date:	28 April, 2011

Wyodak Plant Heat Rate Improvement Plan

Wyd_2011_HRIP

Table of Contents

1. Revision History

Version	Status	Author	Reason for Issue	Date
1			2011 Plan Issue	April 30, 2011

2. Revision Control

This document is maintained by the PacifiCorp Energy Asset Management group.

3. Glossary of Terms

3.1. Actual Net Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual net generation.

3.2. As-built Net Heat Rate (Btu/kWh)

Total guaranteed heat input, from the design heat balances in Btu's divided by the guaranteed net generation, corrected for changes in equipment from design. This is the baseline number for the plant personnel when they make their annual reconciliation.

3.3. British thermal unit (Btu)

British thermal unit is defined as the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

3.4. Gross Heat Rate (Btu/kWh)

Total actual heat input in Btu's divided by actual gross generation.

3.5. Net Generation (kWh)

Gross generation minus auxiliary or station usage

3.6. Planned Net Heat Rate (Btu/kWh)

Total budgeted heat input in Btu's divided by the budgeted net generation. This number is the annual goal for the plant personnel to achieve.

4. Overall Plan and Objectives

4.1. Unit 1- Goals for 10-year plan

Figure 1, in the appendix, shows the ten-year heat rate plan for Wyodak unit 1. The decrease in Heat Rate for 2016 reflects the capital overhaul improvement projects. In 2011 the installation of a bag house will increase aux load for the plant causing a heat rate increase of 88 Btu/Kwh. In 2016 the major projects are air heater basket changeout and repairs and a turbine overhaul).

5. Performance against last year's plan

5.1. Unit 1

Planned Net Heat Rate			11,743
Reconciliation to Planned Net Heat Rate	Planned	Actual	
Boiler Losses	120	(89)	(209)
Turbine Losses	301	395	94
Other Losses	(4)	124	128
Actual Net Heat Rate			11,756

Negative numbers in the table above are improvements to heat rate.

6. Major Losses for Current Planned Net Heat Rate

This section of the heat rate plan identifies the reconciliation of the items that have the most impact between the As-built Net Heat Rate and the Planned Net Heat Rate.

6.1. Unit 1

As-Built Net Heat Rate	11,331
Boiler Losses	120
Turbine Losses	476
Other Losses	203
Planned Net Heat Rate	12,129

7. Major Unit Specific Initiatives

This section identifies the major planned capital and operational activities to improve or regain lost heat rate for the current 10-year plan.

7.1. Unit 1

Table 1 shows the capital projects included in the 10-year plan that contribute to the recovery of lost heat rate. Numbers inside parentheses are negative impact on heat rate and represent improvement to the overall unit efficiency.

8. Annual Review and Update

This plan will be reviewed and updated annually by the Wyodak plant management team by April 30.

9. Appendix

Figure 1
Wyodak Unit 1
10-year Plan Heat Rate Goals

Wyodak

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
As-Built Net Heat Rate, Btu/Kwh	11,329	11,278	11,329	11,324	11,326	11,337	11,342	11,342	11,342	11,342	11,340	11,340	11,340	11,341	11,341
Planned Net Heat Rate 2011, Btu/Kwh	12,110	11,921	12,009	11,704	11,743	12,129	11,916	11,941	11,952	11,967	11,592	11,598	11,635	11,717	11,709
Actual Net Heat Rate, Btu/Kwh	11,644	11,535	11,511	11,780	11,756										
Capacity Factor 2011, %	80.2%	96.0%	95.6%	93.7%	96.2%	79.4%	91.3%	91.2%	91.2%	91.2%	82.4%	91.2%	94.1%	93.9%	93.8%

Table 1
Wyodak Unit 1
10-year Plan Heat Rate Improvement Projects

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Budgeted / Planned Heat Rate Changes, Net basis (Improvements are negative)											
Low NOx burners installation	Btu/kWh	50	75	75	75	75	75	75	75	75	75
Air Heater Basket Replacement (hot and cold end)	Btu/kWh						-15	-25	-15	-10	-10
Major Pulverizer Overhauls	Btu/kWh	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30
CAI Upgrades DFGD, LNB, Baghouse	Btu/kWh	58.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
Total adjustments related to Capital Projects	Btu/kWh	79	133	133	133	133	118	108	118	123	123
Budgeted / Planned Auxiliary Load Changes											
Reduced auxiliary load benefit of Budgeted / Planned Heat Rate Changes	KW	64	145	145	145	145	96	64	96	113	113
Total Auxiliary Load Changes	KW	64	145	145	145	145	96	64	96	113	113
Budgeted / Planned Net Dependable Rating Changes, (Net Basis)											
CAI Upgrades DFGD, LNB, Baghouse	MW	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6
Total Capacity Changes	MW	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6

10. Required Signatures

Performance Engineer – Wyodak Plant			
Signature:	(on file)	Date:	08Apr11

Manager, Engineering – Wyodak Plant	Cory Bryngelson		
Signature:	(on file)	Date:	08Apr11

Managing Director, Wyodak Plant	Gary Harris		
Signature:	(on file)	Date:	08Apr11