

RECEIVED
FILED

2004 MAY 26 AM 9: 52

IDAHO PUBLIC
UTILITIES COMMISSION



May 25, 2003

Idaho Public Utilities Commission
472 W. Washington
Boise, ID 83702

PAG-E-03-10

RE: Annual Notice of Revision of QF Variable Energy Prices

In compliance with IPUC Order No. 29316, PacifiCorp is providing the updated QF variable energy price in accordance with the terms of the 1992 amendments to Idaho QF power purchase agreements.

The variable energy rate applicable to deliveries commencing July 1, 2004 extending through June 30, 2005 shall be \$10.52/MWH. The calculation and associated FERC Form 1 back-up detail is attached.

If you have any questions please feel free to call or email me at (503) 813-5541 or Mark.Widmer@PacifiCorp.com.

Sincerely,

Mark Widmer
Regulatory Manager



36 USC 220506
Proud Sponsor of the
2002/2004 U.S. Olympic Team

PacifiCorp
Total Variable Energy Rate
for 2004 / 2005

	Carbon	Naughton	Huntington	Hunter	Totals
Fuel Cost (\$) <small>FERC FORM 1 - Page 402 Line 20</small>	\$ 10,521,512	\$ 52,243,371	\$ 57,956,997	\$ 76,503,852	\$ 197,225,732
Generation (MWH) <small>FERC FORM 1 - Page 402 Line 12</small>	1,371,293	4,799,139	7,213,219	8,494,782	21,878,433
Average Fuel Cost (\$/MWH)					\$ 9.01 /MWH
Variable O&M <small>IPUC Order 28709</small>					\$ 1.51 /MWH
Total Variable Energy Rate for 2004 / 2005					\$ 10.52 /MWH

Name of Respondent PacifiCorp	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/30/2004	Year of Report Dec. 31, 2003
----------------------------------	---	--	---------------------------------

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a term basis report the Btu content of the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

Line No.	Item (a)	Plant Name: Carbon (b)	Plant Name: Cholla (c)
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear)	Steam	Steam
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler	Full Outdoor
3	Year Originally Constructed	1954	1981
4	Year Last Unit was Installed	1957	1981
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	188.60	414.00
6	Net Peak Demand on Plant - MW (60 minutes)	176	380
7	Plant Hours Connected to Load	8760	8454
8	Net Continuous Plant Capability (Megawatts)	0	0
9	When Not Limited by Condenser Water	175	380
10	When Limited by Condenser Water	0	0
11	Average Number of Employees	75	83
12	Net Generation, Exclusive of Plant Use - KWh	X 1371293000	2873317000
13	Cost of Plant: Land and Land Rights	956546	1231557
14	Structures and Improvements	11008869	45698945
15	Equipment Costs	67022648	316478454
16	Asset Retirement Costs	0	0
17	Total Cost	78988063	363408956
18	Cost per KW of Installed Capacity (line 17/5) including	418.8126	877.7994
19	Production Expenses: Oper, Supv, & Engr	238813	1184744
20	Fuel	X 10521512	40820236
21	Coolants and Water (Nuclear Plants Only)	0	0
22	Steam Expenses	1091533	2043663
23	Steam From Other Sources	0	0
24	Steam Transferred (Cr)	0	0
25	Electric Expenses	1536116	1093196
26	Misc Steam (or Nuclear) Power Expenses	4170854	1203668
27	Rents	13713	26184
28	Allowances	0	0
29	Maintenance Supervision and Engineering	0	2032303
30	Maintenance of Structures	279786	479965
31	Maintenance of Boiler (or reactor) Plant	2513158	3517028
32	Maintenance of Electric Plant	620297	615260
33	Maintenance of Misc Steam (or Nuclear) Plant	486094	1930367
34	Total Production Expenses	21471876	54946614
35	Expenses per Net KWh	0.0157	0.0191
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Oil
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Barrels
38	Quantity (Units) of Fuel Burned	657352	1337
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	11828	140000
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	15.723	40.862
41	Average Cost of Fuel per Unit Burned	15.923	40.862
42	Average Cost of Fuel Burned per Million BTU	0.673	6.950
43	Average Cost of Fuel Burned per KWh Net Gen	0.008	0.000
44	Average BTU per KWh Net Generation	11346.012	0.000

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)(Continued)

9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.

Plant Name: <u>Naughton</u> (d)	Plant Name: <u>Wyodak</u> (e)	Plant Name: <u>Gadsby Steam Plant</u> (f)	Line No.						
Steam	Steam	Steam	1						
Outdoor Boiler	Conventional	Outdoor	2						
1963	1978	1951	3						
1971	1978	1955	4						
707.20	289.60	251.64	5						
716	280	215	6						
8760	8405	2001	7						
0	0	0	8						
700	268	235	9						
0	0	0	10						
175	66	37	11						
X 4799139000	2197461000	158301000	12						
607076	210526	1259170	13						
56654425	48156801	13694051	14						
290152981	249469349	55138519	15						
3982418	0	0	16						
351396900	297836676	70091740	17						
496.8848	1028.4416	278.5397	18						
189118	4260105	78202	19						
X 52243371	16944823	6075862	20						
0	0	0	21						
6601457	0	0	22						
0	0	0	23						
0	0	0	24						
1065	0	0	25						
5110850	-510112	4760622	26						
116	3102	0	27						
0	0	0	28						
2094629	1157	0	29						
1086805	482693	185659	30						
11635097	4358209	1395605	31						
2522240	823830	1697852	32						
941337	580649	212233	33						
82426085	26944456	14406035	34						
0.0172	0.0123	0.0910	35						
Coal	Gas		Coal	Oil		Gas			36
Tons	MCF		Tons	Barrels		MCF			37
2571603	239310	0	1657446	5754	0	2003008	0	0	38
9900	1058	0	8059	140000	0	1068	0	0	39
20.003	0.000	0.000	10.100	40.412	0.000	0.000	0.000	0.000	40
20.001	3.380	0.000	10.083	40.412	0.000	3.033	0.000	0.000	41
1.026	3.291	0.000	0.626	6.873	0.000	2.844	0.000	0.000	42
0.011	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	43
10660.686	0.000	0.000	12172.476	0.000	0.000	0.000	0.000	0.000	44

Name of Respondent PacifiCorp	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/30/2004	Year of Report Dec. 31, 2003
----------------------------------	---	--	---------------------------------

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a therm basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

Line No.	Item (a)	Plant Name: <u>Huntington</u> (b)	Plant Name: <u>Jim Bridger</u> (c)				
		Steam	Steam				
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear)		Semi-Outdoor				
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler					
3	Year Originally Constructed	1974	1974				
4	Year Last Unit was Installed	1977	1979				
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	996.00	1541.10				
6	Net Peak Demand on Plant - MW (60 minutes)	907	1392				
7	Plant Hours Connected to Load	8754	8759				
8	Net Continuous Plant Capability (Megawatts)	0	0				
9	When Not Limited by Condenser Water	895	1413				
10	When Limited by Condenser Water	0	0				
11	Average Number of Employees	174	257				
12	Net Generation, Exclusive of Plant Use - KWh	X 7213219000	9653111000				
13	Cost of Plant: Land and Land Rights	2405337	1161925				
14	Structures and Improvements	98158682	133477806				
15	Equipment Costs	333608477	693807839				
16	Asset Retirement Costs	813996	8012755				
17	Total Cost	434986492	836460325				
18	Cost per KW of Installed Capacity (line 17/5) including	436.7334	542.7684				
19	Production Expenses: Oper, Supv, & Engr	36242	15347831				
20	Fuel	X 57956997	113739905				
21	Coolants and Water (Nuclear Plants Only)	0	0				
22	Steam Expenses	8274532	-118833				
23	Steam From Other Sources	0	0				
24	Steam Transferred (Cr)	0	0				
25	Electric Expenses	0	0				
26	Misc Steam (or Nuclear) Power Expenses	8360681	-8171422				
27	Rents	3167478	206638				
28	Allowances	0	0				
29	Maintenance Supervision and Engineering	1332658	581437				
30	Maintenance of Structures	1124038	5320251				
31	Maintenance of Boiler (or reactor) Plant	5285008	21270104				
32	Maintenance of Electric Plant	2782997	9905987				
33	Maintenance of Misc Steam (or Nuclear) Plant	1376380	1437390				
34	Total Production Expenses	89697011	159519288				
35	Expenses per Net KWh	0.0124	0.0165				
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Oil	Coal	Oil		
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Tons	Barrels	Tons	Barrels		
38	Quantity (Units) of Fuel Burned	3150798	13544	0	5473298	24586	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	11562	140000	0	9326	140000	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	18.727	40.645	0.000	20.950	41.641	0.000
41	Average Cost of Fuel per Unit Burned	18.220	40.645	0.000	20.594	41.641	0.000
42	Average Cost of Fuel Burned per Million BTU	0.788	6.912	0.000	1.104	7.082	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.008	0.000	0.000	0.012	0.000	0.000
44	Average BTU per KWh Net Generation	10111.764	0.000	0.000	10591.051	0.000	0.000

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)(Continued)

9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.

Plant Name: <u>Hunter Unit No. 2</u> (d)	Plant Name: <u>Hunter Unit No. 3</u> (e)	Plant Name: <u>Hunter - Total Plant</u> (f)	Line No.						
Steam	Steam	Steam	1						
Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	2						
1980	1983	1978	3						
1980	1983	1983	4						
285.00	495.60	1223.60	5						
268	482	1256	6						
7610	8016	8760	7						
0	0	0	8						
259	460	1122	9						
0	0	0	10						
51	85	217	11						
1887215000	3475795000	X 8494782000	12						
9646568	10253197	29546333	13						
49449482	88549262	198247606	14						
142987004	378220778	734437041	15						
441134	441134	1323402	16						
202524188	477464371	963554382	17						
710.6112	963.4067	787.4750	18						
88245	88245	264735	19						
17237543	31185296	X 76503852	20						
0	0	0	21						
3174156	4090704	10947667	22						
0	0	0	23						
0	0	0	24						
87324	87324	261973	25						
-1684510	2324742	3061629	26						
40827	45394	127761	27						
0	0	0	28						
0	0	0	29						
2299859	2236797	6666657	30						
3611021	5278400	12544000	31						
872152	1058634	2556277	32						
258176	249585	753387	33						
25984793	46645121	113687938	34						
0.0138	0.0134	0.0134	35						
Coal	Oil		Coal	Oil		Coal	Oil		36
Tons	Barrels		Tons	Barrels		Tons	Barrels		37
859657	2061	0	1588324	6989	0	3882816	12323	0	38
11410	140000	0	11453	140000	0	11445	140000	0	39
19.754	45.557	0.000	19.754	45.557	0.000	19.754	45.557	0.000	40
19.942	45.557	0.000	19.434	45.557	0.000	19.559	45.557	0.000	41
0.874	7.767	0.000	0.848	7.719	0.000	0.855	7.748	0.000	42
0.009	0.000	0.000	0.009	0.000	0.000	0.009	0.000	0.000	43
10401.304	0.000	0.000	10479.112	0.000	0.000	10471.446	0.000	0.000	44