
COAL REPORT CR 00-1

**WYOMING COAL
MINES AND MARKETS**

by

Robert M. Lyman and Laura L. Hallberg



WYOMING STATE GEOLOGICAL SURVEY

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This report has not been reviewed for conformity with the editorial standards of the Wyoming State Geological Survey.

CR 00-1, Coal Report – Wyoming Coal Mines and Markets:

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TABLE OF CONTENTS

	<u>Page</u>
TABLE OF CONTENTS	i
Introduction	1
Purpose and Scope.....	1
Coal Fields of Wyoming.....	1
Historic Coal Mine Production by County (1926-1999).....	6
Rank of Wyoming Coal Mines by Annual Production (1994-1999).....	8
Utilization and Market Distribution of Wyoming Coal (1999)	9
References.....	10
Abbreviations, Definitions, and Explanations.....	11
1998 Directory of Coal Mines in Wyoming	GR-1
Green River Coal Field.....	GR-1
Black Butte and Leucite Hills Mines.....	GR-2
Jim Bridger Mine.....	GR-5
Hams Fork Coal Field.....	HF-1
Kemmerer and Skull Point Mines	HF-2
Hanna Coal Field.....	HN-1
Medicine Bow Mine	HN-2
Seminole II Mine.....	HN-4
Shoshone No.1 Mine.....	HN-6
Powder River Coal Field	PR-1
Coal Mines of the Eastern PRB.....	PR-2
Antelope Mine.....	PR-3
Belle Ayr Mine.....	PR-6
Big Horn Mine.....	PR-8
Black Thunder Mine	PR-10
Buckskin Mine.....	PR-13
Caballo Mine.....	PR-15
Coal Creek Mine	PR-17
Cordero Rojo Mine Complex.....	PR-19
Dave Johnston Mine.....	PR-22
Dry Fork Mine.....	PR-24
Eagle Butte Mine.....	PR-26
Jacobs Ranch Mine.....	PR-28
K-Fuels Mine.....	PR-31
North Antelope/Rochelle Complex.....	PR-33
North Rochelle Mine.....	PR-37
Rawhide Mine.....	PR-39
Wyodak Mine.....	PR-41
1999 Directory Of Power Plants Burning Wyoming Coal.....	PP-1
Alabama	PP-2
Arizona.....	PP-2
Arkansas.....	PP-3
Colorado.....	PP-4
Florida.....	PP-5
Georgia.....	PP-6
Illinois	PP-7

TABLE OF CONTENTS (Continued)

1999 Directory Of Power Plants Burning Wyoming Coal (continued)	Page
Indiana.....	PP-9
Iowa.....	PP-11
Kansas	PP-13
Kentucky.....	PP-14
Louisiana	PP-16
Michigan	PP-16
Minnesota	PP-19
Mississippi	PP-21
Missouri	PP-21
Montana	PP-23
Nebraska	PP-24
North Dakota.....	PP-25
Ohio.....	PP-25
Oklahoma	PP-26
Oregon	PP-27
South Dakota	PP-28
Tennessee.....	PP-29
Texas.....	PP-30
Wisconsin	PP-32
Wyoming.....	PP-33

Figures

Figure 1. Coal Fields of Wyoming	1
Figure 2. Principle coal-bearing formations in the state by coal field	2
Figure 3. Nomenclature of the Hanna and Ferris formations	3
Figure 4. Nomenclature of the Adaville Formation	4
Figure 5. Correlation of named coal beds in the Powder River Coal Field of Wyoming	5
Figure 6 Wyoming coal production's role in U.S. quarterly coal production, 1991-1999.....	9
Figure 7. Wyoming coal deliveries to electric generating plants in 1999.....	9
Figure 8. Coal mines of the Eastern Powder River Basin	PR-2

Introduction

Purpose and Scope

The purpose of this report on the coal mines of the state of Wyoming and the markets served by those mines, is to give the reader a snapshot overview of the Wyoming coal industry as of the middle of 2000 with a review of the State's 1999

coal industry statistics. Some historic data is included to give the reader a basis for comparison to the current statistics presented herein.

This in-house report of the Wyoming State Geological Survey's Coal Section has been undertaken with the

belief that the information presented herein is accurate within the scope of the report.

Finally, it should be noted, this report has not been reviewed for conformity with the editorial and technical standards of the Wyoming State Geological Survey.

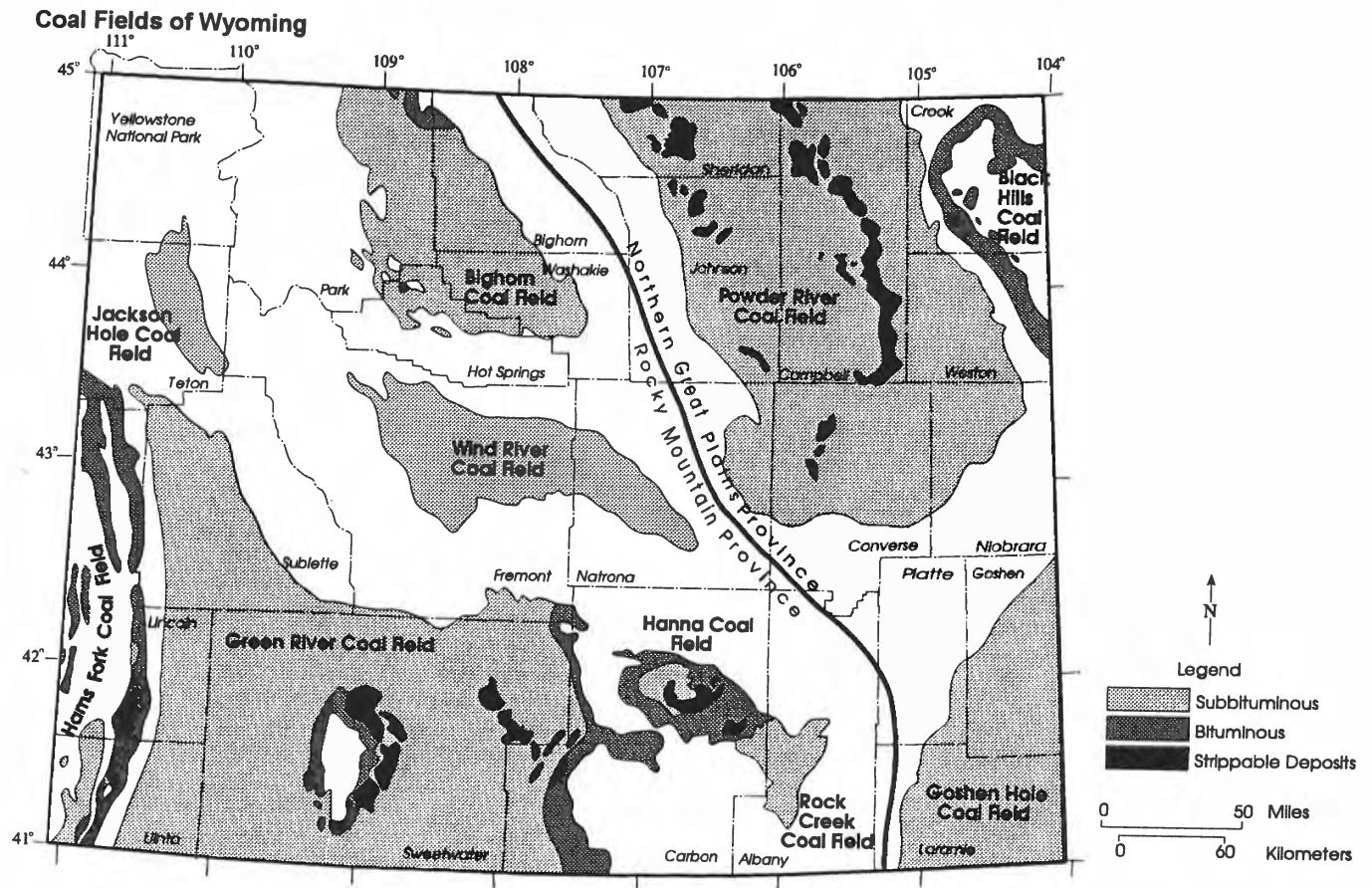


Figure 1. Coal Fields of Wyoming

Wyoming State Geological Survey 1999

Ten coal fields are identified within the state of Wyoming (figure 1). These fields occur in two coal bearing provinces: the Rocky Mountain Province, and the Northern Great Plains Province.

Currently, coal is produced from only four of the ten coal fields. In the Rocky Mountain Province portion of the state, coal is currently produced from mines in the Green River Coal Field, the

Hams Fork Coal Field, and the Hanna Coal Field. In the Northern Great Plains Province portion of Wyoming, coal is currently produced in the Powder River Coal Field.

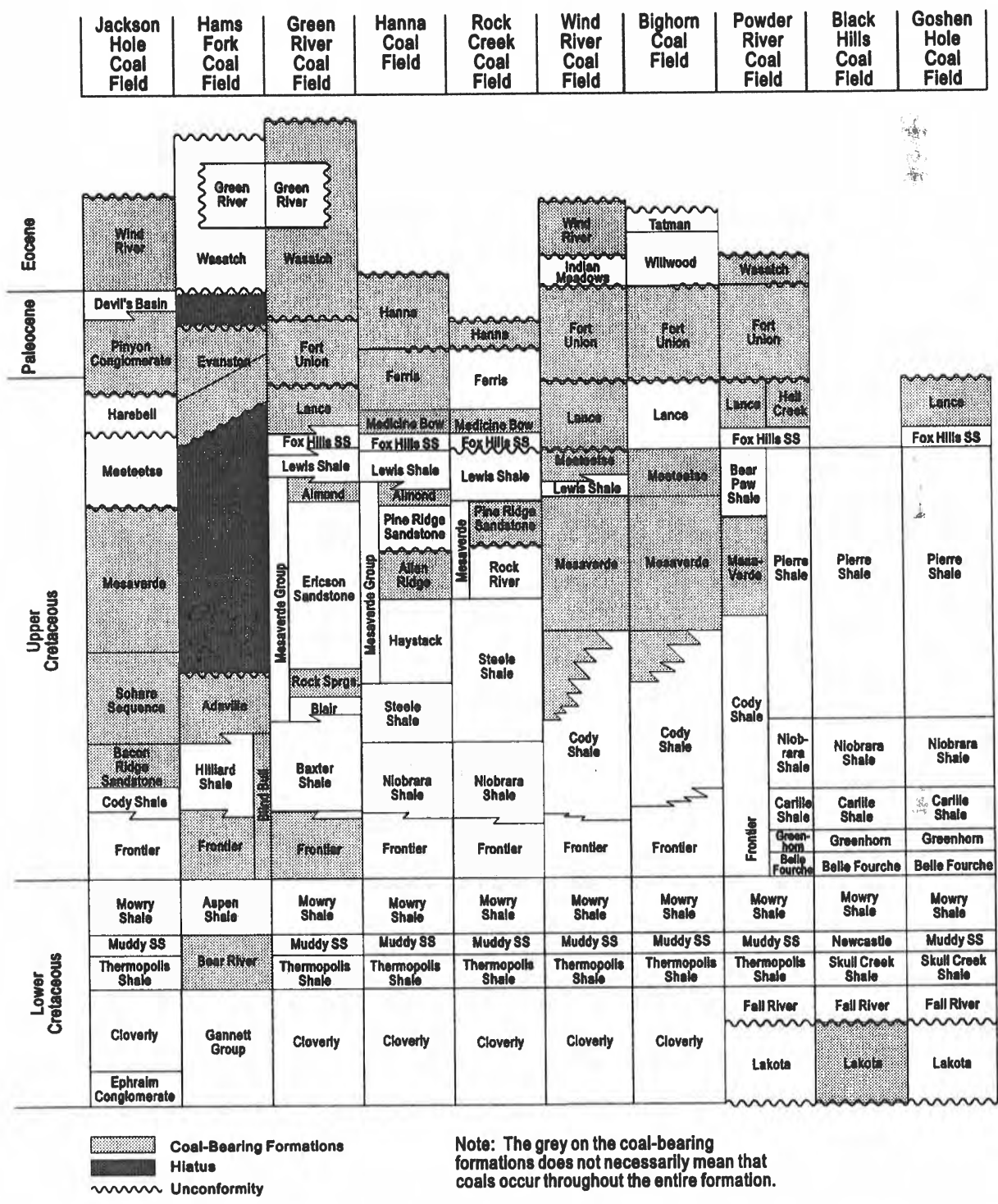
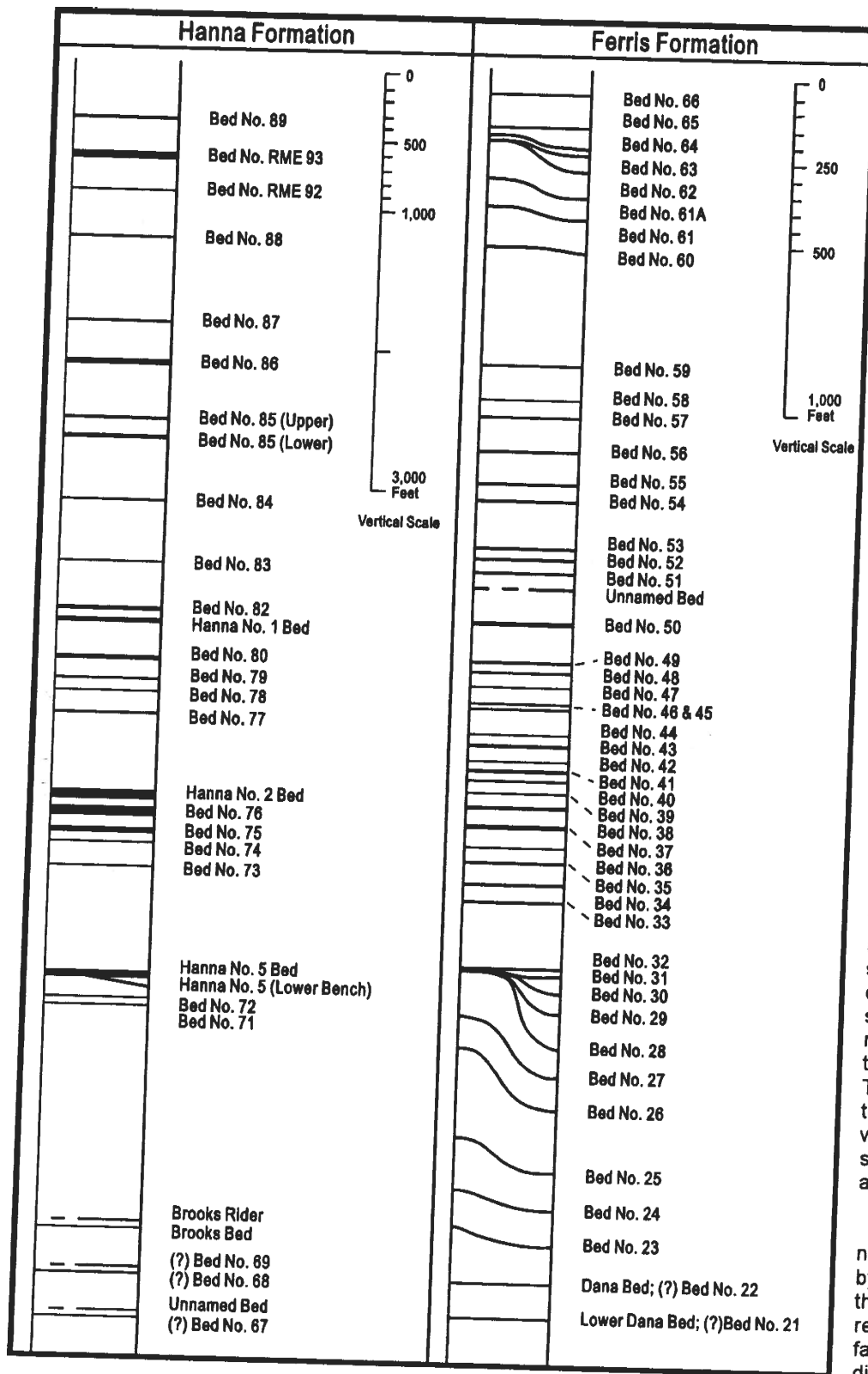


Figure 2. Principle coal bearing formations in the state by coal field. Adopted and modified from Love, Christiansen, and Ver Ploeg (1987), and Glass (1989).

The Green River Coal Field's more important coals crop out along the flanks of the Rock Springs

uplift in the central part of the Green River Basin, on the eastern margin of the field, and in the Red Desert

Basin in the northeastern corner of the field.



These coals are Upper Cretaceous to Eocene in age, belonging to the Frontier Formation, the Rock Springs and Almond Formations of the Mesaverde Group, the Lance Formation, Fort Union Formation, and Wasatch Formation.

The apparent rank of the outcropping coals is sub-bituminous B to high-volatile C bituminous (Glass, 1998).

Currently, mining in the Green River Coal Field is restricted to coals of the Almond Formation of the Mesaverde Group (Black Butte and Leucite Hills mines), the Lance and Fort Union coals (Black Butte mine), and the Deadman coals of the Fort Union Formation (Jim Bridger mine)

The Hanna Coal Field occupies a structural low that is divided into two separate basins by a northeast-southwest trending anticline. The Hanna Basin lies to the northwest, while the area to the southeast is known as the Carbon Basin.

Surrounded on the north, east, and south by mountain ranges, this coal field's reserves are often faulted or structurally disturbed.

Figure 3. Nomenclature of the Hanna and Ferris formations (Glass, 1998).

Figure 3 shows the coal nomenclature for the Hanna and Ferris formations.

The Hanna # 80 coal bed is the only seam currently deep mined in Wyoming (Shoshone No. 1 mine). The Hanna No. 5, No. 2 and No. 78 coal beds are surfaced mined in the coal field (Seminoe II mine), as are the Ferris beds Nos. 62, 63, 64, and 65 (Medicine Bow mine).

The Ferris coals are Paleocene in age, and are mostly high-volatile C bituminous in apparent rank. The exception to this is the No. 65 bed, which appears to range in apparent rank from subbituminous A to high-volatile C bituminous (Glass and Roberts, 1979, 1980a, 1980b, & 1984).

The Hanna No. 80 bed is also Paleocene in age, and has an apparent rank of high-volatile C Bituminous. The 78 bed and No. 2 bed of the Hanna Formation also have an apparent rank of high-volatile C bituminous, while the Hanna No. 5 seam's apparent rank ranges from subbituminous A to high-volatile C bituminous (Glass and Roberts, 1979, 1980a, 1980b, & 1984).

The Hams Fork Coal Field is the state's westernmost coal field. It is defined as that portion of the Overthrust Belt underlain with the coal-bearing units of the Bear River, Frontier, Adaville, Blind Bull, and Evanston formations.

The Hams Fork Coal Field is structurally complex. Surface minable coals occur in thin bands of north-south trending beds that dip 10 to 80 degrees. Currently only the Adaville coals are mined in the coal field

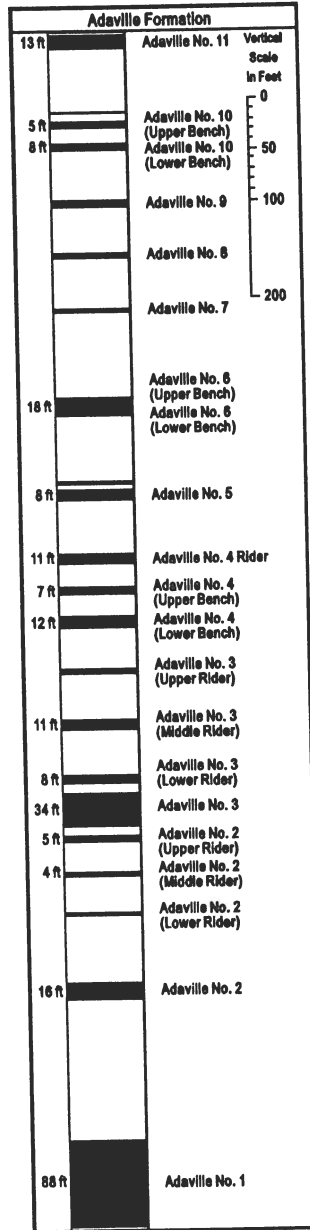


Figure 4. Nomenclature of the Adaville Formation

(Kemmerer and Skull Point Mines).

Labeled stratigraphically, from lowest to highest, the Adaville No. 1 through No. 11, the basal Adaville No. 1 coal has an apparent rank of subbituminous A, while the overlying Adaville coals' apparent rank ranges from subbituminous B to C (Glass, 1977). Figure 4 shows the coal bed

nomenclature for the Adaville Formation.

The Powder River Coal Field of Wyoming coincides with the structural Powder River Basin. As such, the coal field is a broad asymmetrical syncline bounded by the Bighorn Mountains to the west, Black Hills to the east, and the Casper Arch, Laramie Mountains, and Hartville uplift to the south. The northern edge of the basin continues into southern Montana where the coal field is separated from the Williston Basin by the Cedar Ridge anticline.

All the currently active mines in the Powder River Coal Field are surface operations mining coals from the (Paleocene) Tongue River Member of the Fort Union Formation, or coals from the (Eocene) Wasatch Formation (Glass and Lyman, 1998).

Figure 5 shows the correlation of named beds in the Powder River Coal Field of Wyoming.

All the currently active mines in the Powder River Coal Field, with one exception, are mining a portion of the Wyodak coal zone. That exception, the Dave Johnston mine, near Glenrock, Wyoming, is mining the School and Badger seams, which are in the lower portion of the Wasatch Formation. In the Powder River Coal Field, coal occurs in rock sequences of Upper Cretaceous to Tertiary age.

The Late Cretaceous Epoch (66.4 – 81 million years ago) coal deposits are described, in terms of their environments of deposition, as deltaic, coastal plain, or other near shore

Historic coal mine production by county (1926-1999) in short tons. Data from Wyoming State Mine Inspector's Annual Reports.

Year	Albany	Big Horn	Campbell	Carbon	Converse	Crook	Fremont	Hot Springs	Johnson	Lincoln	Natrona
1926	0	2,750	51,900	496,110	3,311	0	77,668	457,289	12,588	1,277,291	0
1927	0	2,510	64,028	486,544	2,500	0	103,651	530,044	14,821	1,165,113	0
1928	0	2,861	71,769	515,920	6,102	0	87,676	519,928	12,412	1,124,464	0
1929	0	1,409	72,749	532,997	2,080	0	83,005	511,211	15,150	1,030,823	0
1930	0	1,227	83,665	491,568	2,727	800	43,695	403,894	12,286	814,477	0
1931	655	1,141	92,357	452,134	2,489	700	30,838	263,562	12,481	611,534	0
1932	1,342	1,914	98,051	422,164	4,298	163	27,314	201,977	10,223	453,080	0
1933	1,333	1,634	94,760	386,875	8,342	1,605	25,631	175,585	11,024	404,608	154
1934	1,678	861	113,700	415,579	11,291	1,556	30,496	189,806	10,468	392,583	1,144
1935	704	856	121,629	470,736	11,887	1,574	37,898	215,201	6,098	475,171	3,247
1936	0	1,012	113,582	604,376	10,771	0	47,867	231,725	10,842	496,721	14,133
1937	0	839	114,347	654,958	13,311	450	47,397	231,864	11,832	560,082	3,578
1938	0	731	106,343	591,216	8,039	0	44,325	61,892	9,606	428,282	3,195
1939	0	1,030	108,795	584,956	19,441	1,190	38,647	61,601	10,506	449,003	3,481
1940	0	856	119,664	635,901	21,536	853	42,529	72,179	13,344	455,266	3,024
1941	0	1,003	122,775	756,753	15,790	377	35,526	88,305	12,569	487,597	3,006
1942	0	962	121,636	892,378	18,556	0	20,598	135,405	12,969	581,365	1,541
1943	0	573	167,066	1,216,733	17,250	0	10,188	173,998	8,645	617,506	1,480
1944	0	0	223,356	1,308,880	15,407	0	10,055	154,828	9,593	545,208	1,071
1945	0	0	101,209	1,485,513	13,768	0	8,726	160,631	7,547	509,653	885
1946	0	0	174,337	1,079,410	13,933	0	7,194	72,480	6,223	390,934	0
1947	0	0	209,273	1,237,133	12,449	0	8,726	69,502	5,000	420,636	0
1948	0	0	263,267	921,199	11,153	0	9,140	50,795	0	408,290	0
1949	0	0	314,197	896,324	9,748	0	8,662	48,488	3,277	284,158	0
1950	0	0	349,560	1,140,865	7,543	0	3,692	34,273	3,168	450,845	0
1951	0	0	307,074	1,092,213	4,669	0	4,263	24,467	2,797	669,313	0
1952	0	0	320,946	1,022,929	9,660	0	4,044	12,411	1,859	819,824	0
1953	0	0	320,654	735,959	7,347	0	4,099	13,207	1,453	617,015	0
1954	0	0	314,502	234,181	7,214	0	3,826	11,773	1,244	547,349	0
1955	0	0	349,567	191,799	8,055	0	3,624	17,650	1,393	645,721	0
1956	0	0	373,958	164,005	6,608	0	2,880	17,084	1,177	690,098	0
1957	0	0	365,859	119,745	6,250	0	1,971	15,153	574	647,486	0
1958	0	0	375,947	97,215	35,040	0	1,477	11,367	0	443,187	0
1959	0	0	426,609	98,306	471,507	0	1,902	12,725	0	314,015	0
1960	0	0	458,645	129,882	525,999	0	1,534	12,810	0	250,155	0
1961	0	0	447,447	378,592	826,422	0	1,122	11,394	0	283,267	0
1962	0	0	482,781	463,776	769,878	0	952	11,448	0	333,800	0
1963	0	0	495,886	531,786	1,029,996	0	761	9,925	0	612,139	0
1964	0	0	488,846	447,949	1,004,384	0	514	11,789	0	621,484	0
1965	0	0	490,527	417,069	1,250,678	0	417	10,326	0	626,856	0
1966	0	0	475,170	454,736	1,565,012	0	328	9,102	0	726,138	0
1967	0	0	504,817	446,578	1,414,995	0	0	9,794	0	756,980	0
1968	0	0	540,084	476,900	1,389,804	0	0	10,105	0	952,224	0
1969	0	0	558,106	615,235	1,504,244	0	0	8,869	0	1,459,471	0
1970	0	0	641,495	1,613,231	1,844,278	0	0	8,716	0	1,583,429	0
1971	0	0	646,589	1,849,691	1,731,887	0	0	7,657	0	1,503,545	0
1972	0	0	655,578	4,171,038	2,622,150	0	0	5,679	0	2,102,919	0
1973	0	0	1,594,563	6,829,362	2,898,578	0	85	4,870	0	2,946,676	0
1974	0	0	4,039,720	8,707,143	2,687,045	0	0	6,707	0	3,353,157	0
1975	0	0	4,074,672	10,949,596	3,231,649	0	0	2,794	0	2,733,091	0
1976	0	0	8,081,554	11,553,931	2,714,326	0	65	1,686	0	4,206,981	0
1977	0	0	17,466,872	12,119,539	3,236,616	0	0	1,607	0	5,103,936	0
1978	0	0	29,041,896	12,603,170	3,358,899	0	0	4,917	0	4,961,368	0
1979	0	0	41,061,103	10,784,313	3,828,162	0	0	9,346	0	5,094,469	0
1980	0	0	61,423,310	9,829,802	3,803,932	0	0	18,293	0	4,991,158	0
1981	0	0	71,578,962	8,548,019	3,626,932	0	0	35,617	0	4,998,713	0
1982	0	0	81,220,562	4,988,297	3,351,065	0	0	66,711	0	4,315,617	0
1983	0	0	88,180,678	4,818,465	2,684,011	0	0	45,091	0	4,040,464	0
1984	0	0	106,804,601	5,147,121	3,338,677	0	0	42,690	0	4,070,071	0
1985	0	0	113,947,893	3,380,820	3,574,403	0	0	31,208	0	4,329,588	0
1986	0	0	111,668,778	1,609,790	4,761,118	0	0	27,344	0	4,033,561	0
1987	0	0	122,317,310	2,311,598	5,101,141	0	0	10,226	0	3,802,930	0
1988	0	0	135,725,239	4,117,247	5,748,530	0	0	50,300	0	4,895,730	0
1989	0	0	143,847,098	4,267,158	6,116,368	0	0	52,150	0	4,776,294	0
1990	0	0	154,695,691	4,511,202	7,890,670	0	0	101,961	0	4,735,548	0
1991	0	0	164,851,943	4,703,981	8,224,617	0	0	103,285	0	4,391,644	0
1992	0	0	159,550,962	4,055,975	8,517,680	0	0	57,208	0	4,594,061	0
1993	0	0	182,541,842	4,205,120	10,188,916	0	0	41,566	0	4,065,267	0
1994	0	0	205,455,441	4,381,741	11,418,315	0	0	5,564	0	4,290,193	0
1995	0	0	232,394,443	3,803,211	14,135,841	0	0	0	0	4,444,328	0
1996	0	0	244,893,232	1,791,046	15,840,507	0	0	0	0	4,419,445	0
1997	0	0	246,272,967	4,991,199	17,745,238	0	0	0	0	4,607,534	0
1998	0	0	274,069,522	3,467,471	23,383,378	0	0	0	0	4,736,245	0
1999	0	0	294,291,256	2,743,456	25,641,038	0	0	0	0	4,320,197	0
Total	5,712	24,169	3,314,607,212	195,649,810	225,347,451	9,268	925,008	6,101,055	253,169	149,299,371	39,939

Historic coal mine production by county (1926-1999) continued.

Year	Park	Sheridan	Sublette	Sweetwater	Teton	Uinta	Washakie	Weston	Summary for State
1926	0	876,509	0	3,140,361	0	15,473	0	91,196	6,502,445
1927	0	931,185	0	3,339,818	0	16,720	0	81,608	6,738,542
1928	380	775,949	0	3,415,191	0	20,521	0	0	6,553,175
1929	3,067	767,992	610	3,659,179	0	19,509	0	0	6,699,779
1930	3,095	723,338	101	3,474,456	0	15,440	0	0	6,070,770
1931	3,230	565,809	200	2,950,029	125	13,083	0	0	5,000,366
1932	2,543	486,696	156	2,446,405	312	11,782	0	0	4,168,419
1933	2,035	441,405	0	2,434,672	997	13,743	200	0	4,004,602
1934	2,303	466,104	0	2,725,665	226	13,331	0	0	4,376,791
1935	1,429	543,032	0	3,259,863	0	15,974	0	460	5,165,758
1936	672	668,514	0	3,584,496	0	15,952	0	358	5,801,020
1937	719	651,664	0	3,641,890	113	16,520	0	679	5,950,243
1938	1,586	629,692	311	3,315,683	1,082	17,649	0	249	5,219,880
1939	2,763	584,778	1,254	3,527,411	1,540	15,134	0	85	5,411,613
1940	2,964	606,583	685	3,859,427	1,033	14,860	0	0	5,850,702
1941	2,604	602,069	594	4,524,598	1,306	15,935	0	0	6,670,808
1942	1,549	786,251	401	5,565,416	793	15,042	0	0	8,154,861
1943	327	962,681	439	6,047,052	330	13,361	0	0	9,237,629
1944	560	1,140,658	511	6,126,981	1,799	10,686	0	0	9,549,593
1945	0	1,290,672	0	6,251,668	1,113	5,414	0	0	9,836,798
1946	0	1,330,877	0	4,538,617	0	2,675	0	0	7,616,681
1947	0	1,181,252	800	4,907,680	0	2,299	0	0	8,054,751
1948	0	1,048,713	668	3,691,813	222	3,042	0	0	6,408,302
1949	0	1,147,916	997	3,256,627	150	2,128	0	0	5,972,672
1950	0	878,886	1,797	3,469,721	0	1,570	0	0	6,341,919
1951	0	680,426	1,128	3,500,419	0	762	0	0	6,287,530
1952	329	611,438	1,016	3,301,872	0	870	0	0	6,107,198
1953	115	536,677	1,000	3,008,177	0	603	0	0	5,246,306
1954	105	435,634	942	1,276,295	0	289	0	0	2,833,353
1955	0	431,360	610	1,271,095	0	59	0	0	2,920,933
1956	0	411,795	235	887,623	0	0	0	0	2,555,463
1957	0	409,210	372	551,723	0	0	0	0	2,118,345
1958	0	368,564	920	297,515	0	0	0	0	1,631,232
1959	0	385,923	983	264,626	0	0	0	0	1,976,597
1960	0	382,377	0	242,745	0	0	0	0	2,004,147
1961	0	348,828	0	233,638	0	0	0	0	2,530,708
1962	0	356,636	125	155,191	0	0	0	0	2,574,587
1963	0	375,823	284	70,343	0	0	0	0	3,126,943
1964	0	431,521	0	97,312	0	0	0	0	3,103,798
1965	0	349,313	0	112,127	0	0	0	0	3,257,313
1966	0	326,037	0	113,942	0	0	0	0	3,670,465
1967	0	348,180	0	107,305	0	0	0	0	3,588,649
1968	0	217,790	0	107,306	0	0	0	0	3,694,213
1969	0	346,379	0	113,692	0	0	0	0	4,605,995
1970	0	1,464,597	0	225,184	0	0	0	0	7,380,930
1971	0	1,776,836	0	491,560	0	0	0	0	8,007,765
1972	0	973,879	0	389,226	0	0	0	0	10,920,468
1973	0	463,253	0	103,470	0	0	0	0	14,840,857
1974	0	1,017,614	0	838,368	0	0	0	0	20,649,754
1975	0	805,510	0	1,986,816	0	0	0	0	23,784,128
1976	0	748,025	0	3,787,796	0	0	0	0	31,094,364
1977	0	2,394,532	0	5,714,983	0	0	0	0	46,038,085
1978	0	2,860,843	0	5,343,732	0	0	0	0	58,174,825
1979	0	3,544,825	0	7,293,613	0	0	0	0	71,615,831
1980	0	4,327,594	0	10,902,988	0	0	0	0	95,297,077
1981	0	2,753,913	0	11,241,278	0	0	0	0	102,783,434
1982	0	2,991,399	0	11,020,932	0	0	0	0	107,954,583
1983	0	2,947,698	0	9,471,416	0	0	0	0	112,187,823
1984	0	2,531,470	0	8,878,033	0	0	0	0	130,812,663
1985	0	2,402,589	0	13,151,374	0	0	0	0	140,817,875
1986	0	1,360,825	0	12,939,953	0	0	0	0	136,401,369
1987	0	1,201,093	0	11,807,250	0	0	0	0	146,551,548
1988	0	945,116	0	12,167,361	0	0	0	0	163,649,523
1989	0	106,147	0	11,974,789	0	0	0	0	171,140,004
1990	0	134,104	0	11,936,525	0	0	0	0	184,005,701
1991	0	158,055	0	11,430,281	0	0	0	0	193,863,806
1992	0	105,391	0	12,579,979	0	0	0	0	189,461,256
1993	0	120,001	0	9,393,114	0	0	0	0	210,555,826
1994	0	100,733	0	11,256,080	0	0	0	0	236,908,067
1995	0	37,472	0	9,122,728	0	0	0	0	263,938,023
1996	0	15,129	0	8,150,317	0	0	0	0	275,109,676
1997	0	44,202	0	7,820,376	0	0	0	0	281,481,516
1998	0	65,909	0	9,239,566	0	0	0	0	314,962,091
1999	0	76,401	0	9,387,590	0	0	0	0	336,459,938
Total	32,375	66,318,291	17,139	352,914,343	11,141	310,426	200	174,635	4,312,040,714

Rank of Wyoming Coal Mines by Annual Production 1994 to 1999.

1999		1998		1997	
<u>Mine</u>	<u>Tons Produced</u>	<u>Mine</u>	<u>Tons Produced</u>	<u>Mine</u>	<u>Tons Produced</u>
1 N. Antelope/Rochelle	68,865,691	1 N. Antelope/Rochelle	64,639,932	1 Black Thunder	37,669,516
2 Black Thunder	48,670,418	2 Black Thunder	42,683,014	2 North Antelope	34,978,455
3 Cordero Rojo Complex	45,674,755	3 Cordero Rojo Complex	36,979,025	3 Cordero Rojo Complex	28,062,574
4 Jacobs Ranch	29,081,030	4 Jacobs Ranch	29,078,333	4 Jacobs Ranch	27,112,931
5 Caballo	26,468,718	5 Caballo	25,984,949	5 Rochelle	24,940,431
6 Antelope	22,685,000	6 Belle Ayr	22,479,368	6 Belle Ayr	22,800,736
7 Belle Ayr	17,885,338	7 Antelope	19,418,684	7 Caballo	19,946,861
8 Eagle Butte	17,416,240	8 Eagle Butte	18,074,546	8 Eagle Butte	17,921,000
9 Buckskin	15,587,569	9 Buckskin	17,290,730	9 Buckskin	14,443,165
10 Coal Creek	11,238,923	10 Coal Creek	7,068,322	10 Antelope	13,564,831
11 North Rochelle	8,171,479	11 Jim Bridger	6,439,566	11 Rawhide	10,705,680
12 Jim Bridger	6,300,944	12 Rawhide	5,390,400	12 Jim Bridger	5,920,376
13 Kemmerer	4,320,197	13 Kemmerer	4,736,245	13 Kemmerer	4,401,644
14 Wyodak	3,179,585	14 Dave Johnston	3,964,694	14 Dave Johnston	4,180,407
15 Black Butte	3,086,646	15 Wyodak	3,280,157	15 Wyodak	3,250,969
16 Dave Johnston	2,956,038	16 Black Butte	2,800,000	16 Coal Creek	2,921,242
17 Shoshone #1	1,706,939	17 Shoshone #1	1,903,000	17 Shoshone #1	2,854,936
18 Dry Fork	1,219,590	18 Medicine Bow	1,100,970	18 Black Butte	1,900,000
19 Rawhide	807,892	19 Dry Fork	1,030,718	19 Medicine Bow	1,534,904
20 Medicine Bow	614,254	20 Seminoe II	463,501	20 Dry Fork	918,224
21 Seminoe II	422,263	21 Big Horn	65,909	21 Seminoe II	601,359
22 Big Horn	76,401	22 KFx	48,945	22 Fort Union	591,210
23 KFx	33,028	23 North Rochelle	41,038	23 Skull Point	205,890
				24 Big Horn	44,202
				25 KFx	9,788
				26 North Rochelle	185
Total	336,468,938	Total	314,962,091	Total	281,481,516

1996		1995		1994	
<u>Mine</u>	<u>Tons Produced</u>	<u>Mine</u>	<u>Tons Produced</u>	<u>Mine</u>	<u>Tons Produced</u>
1 Black Thunder	39,174,599	1 Black Thunder	36,149,282	1 Black Thunder	31,616,222
2 North Antelope	28,623,117	2 Rochelle	26,035,555	2 Rochelle	22,677,048
3 Rochelle	26,248,241	3 Jacobs Ranch	24,645,109	3 Jacobs Ranch	20,550,847
4 Jacobs Ranch	24,522,960	4 North Antelope	21,248,991	4 Belle Ayr	18,361,866
5 Caballo	22,003,064	5 Belle Ayr	18,771,977	5 Eagle Butte	17,161,000
6 Belle Ayr	19,970,300	6 Caballo	18,357,087	6 Caballo Rojo	16,611,485
7 Eagle Butte	15,642,744	7 Eagle Butte	16,942,000	7 Cordero	16,413,646
8 Caballo Rojo	15,082,891	8 Caballo Rojo	16,809,540	8 Caballo	14,428,600
9 Rawhide	15,068,358	9 Rawhide	15,355,000	9 North Antelope	14,147,809
10 Cordero	13,071,242	10 Cordero	14,607,000	10 Rawhide	12,858,787
11 Antelope	12,047,801	11 Buckskin	11,600,000	11 Buckskin	10,955,839
12 Buckskin	11,951,798	12 Antelope	10,866,880	12 Antelope	8,258,590
13 Jim Bridger	6,293,172	13 Jim Bridger	6,967,096	13 Jim Bridger	7,036,084
14 Coal Creek	5,804,419	14 Coal Creek	4,199,587	14 Black Butte	4,029,069
15 Dave Johnston	3,792,706	15 Kemmerer	3,624,328	15 Dry Fork	3,836,228
16 Kemmerer	3,650,865	16 Dry Fork	3,603,453	16 Kemmerer	3,619,259
17 Wyodak	3,198,544	17 Dave Johnston	3,268,961	17 Dave Johnston	3,159,725
18 Dry Fork	2,945,662	18 Wyodak	2,984,000	18 Wyodak	2,795,842
19 Shoshone #1	2,640,912	19 Black Butte	2,155,632	19 Shoshone #1	2,543,441
20 Black Butte	1,857,145	20 Shoshone #1	1,990,114	20 Coal Creek	2,532,859
21 Medicine Bow	1,791,046	21 Medicine Bow	1,699,106	21 Medicine Bow	1,838,300
22 Fort Union	1,004,887	22 Skull Point	820,000	22 Skull Point	670,934
23 Skull Point	768,580	23 North Rochelle	677,409	23 North Rochelle	220,909
24 North Rochelle	380,521	24 Clovis Point	408,944	24 Clovis Point	202,202
25 Seminoe II	224,368	25 Seminoe II	113,991	25 Swanson	190,936
26 Clovis Point	199,825	26 Big Horn	37,472	26 Seminoe II	100,733
27 Big Horn	15,129	27 Fort Union	450	27 Fort Union	84,122
				28 Grass Creek	5,564
Total	277,974,896	Total	263,938,964	Total	236,907,946

Utilization and Market Distribution of Wyoming Coal (1998)

Wyoming's coal industry, in 1999, set a new state annual production record of 336,468,938 short tons (tons). Wyoming remained number one in the nation in coal-production, supplying the country with approximately 31% of the United States' steam coal needs.

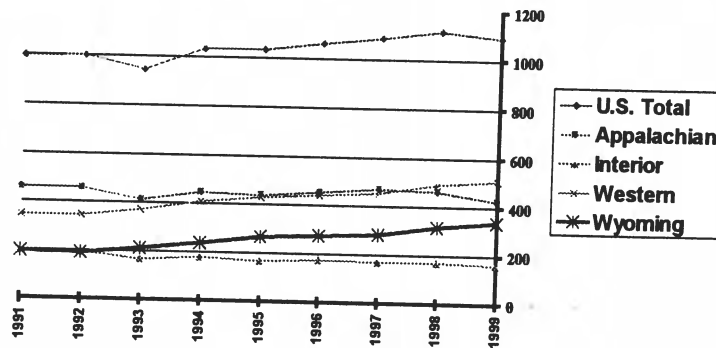
The State's 1999 coal production increased by 6.8 percent.

This increase in growth was due in part to improved shipments to Canada in 1999 and the fact, utilities stock piled

an extra amount of coal as a Y2K precaution.

Figure 6 shows Wyoming coal's role in the United States annual production for the period from 1991 through 1999.

Figure 6. Wyoming Coal Production's Role in U.S. Annual Coal Production, 1991-1998 (millions of short tons)



Data from EIA, FERC, Office of State Mine Inspector et. al.

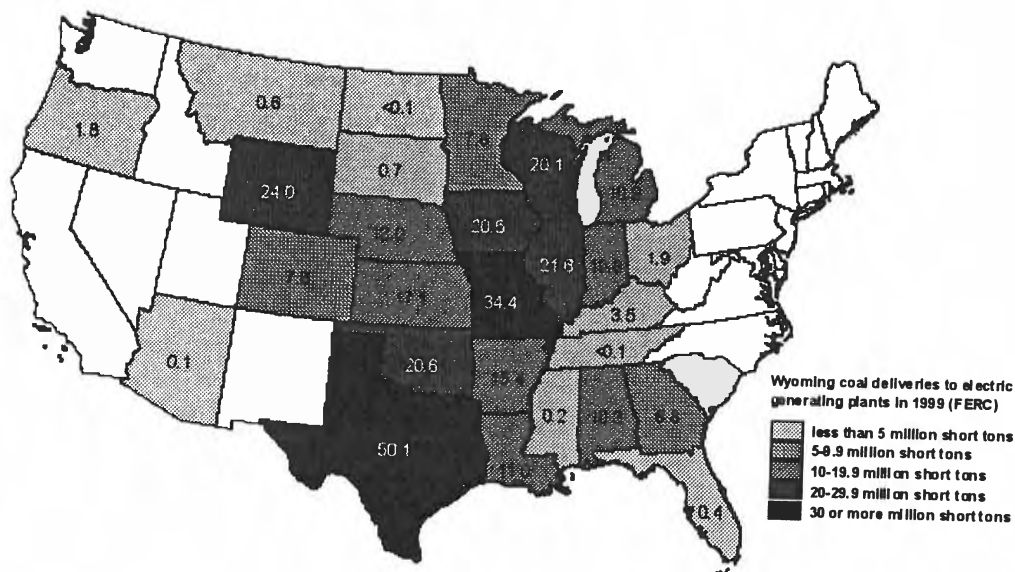
U.S. coal consumption by all users in 1999 totaled 1,041.0 million tons, a 0.5 percent increase over 1998 figures. As coal consumption in the non-electricity sector fell by 2.7 percent, electric utilities and

independent power producers burned 942.6 million tons of coal for electricity generation (Freme and Hong, 2000).

Statistics published by the Federal Energy Regulatory

Commission (FERC), show that utilities in 27 states consumed Wyoming coal in 1999 (Figure 7). Exports to Canada and Spain for 1999 were estimated at over 6 million tons.

Figure 7. Wyoming coal deliveries to electric generating plants in 1999.



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Abbreviations, Definitions, and Explanations

Air Quality Capacity Limit – The maximum annual production capacity of a mine allowed under their current Air Quality permit.

Btu – British Thermal Unit per pound of coal. A Btu is the amount of heat required to raise the temperature of a pound of water by one degree Fahrenheit.

CT – Contract Type

C – contract

S – spot

¢/mmBtu – delivered price in cents per million Btu

\$/ton – delivered price in dollars per ton

LBA – Lease By Application Federal coal lease tract.

ton – short tons, where 1 short ton is 2,000 pounds

Quantity – amount delivered in short tons

Estimated remaining life of mine – Estimated years remaining in mine operations with considerations of current mine production, markets, and company announced plans.

Remaining life of mine at current permit capacity – Remaining recoverable reserves divided by current Air Quality Permit capacity.

Recoverable Coal Reserves – Coal tonnage estimated to be economically recoverable under current market conditions, using currently available equipment and technology.

1999 Directory of Coal Mines in Wyoming

Green River Coal Field

<u>MINE</u>	<u>Page</u>
Black Butte and Leucite Hills	GR-2
Jim Bridger	GR-5

For abbreviations, definitions and explanations see page 11.

Black Butte and Leucite Hills

Operating Company: Black Butte Coal Company

Owned By: Peter Kiewit and Sons

Mailing Address:

Black Butte Coal Company

P.O. Box 98

Point of Rocks, WY 82942

Telephone: (307) 382-6200

Fax: (307) 352-6205

URL: <http://www.kiewit.com/projects/mining.htm> or <http://my.uprr.com/pub/energy/coal/wyoming/blkbutte.shtml>

Number of Employees in 1999: 144

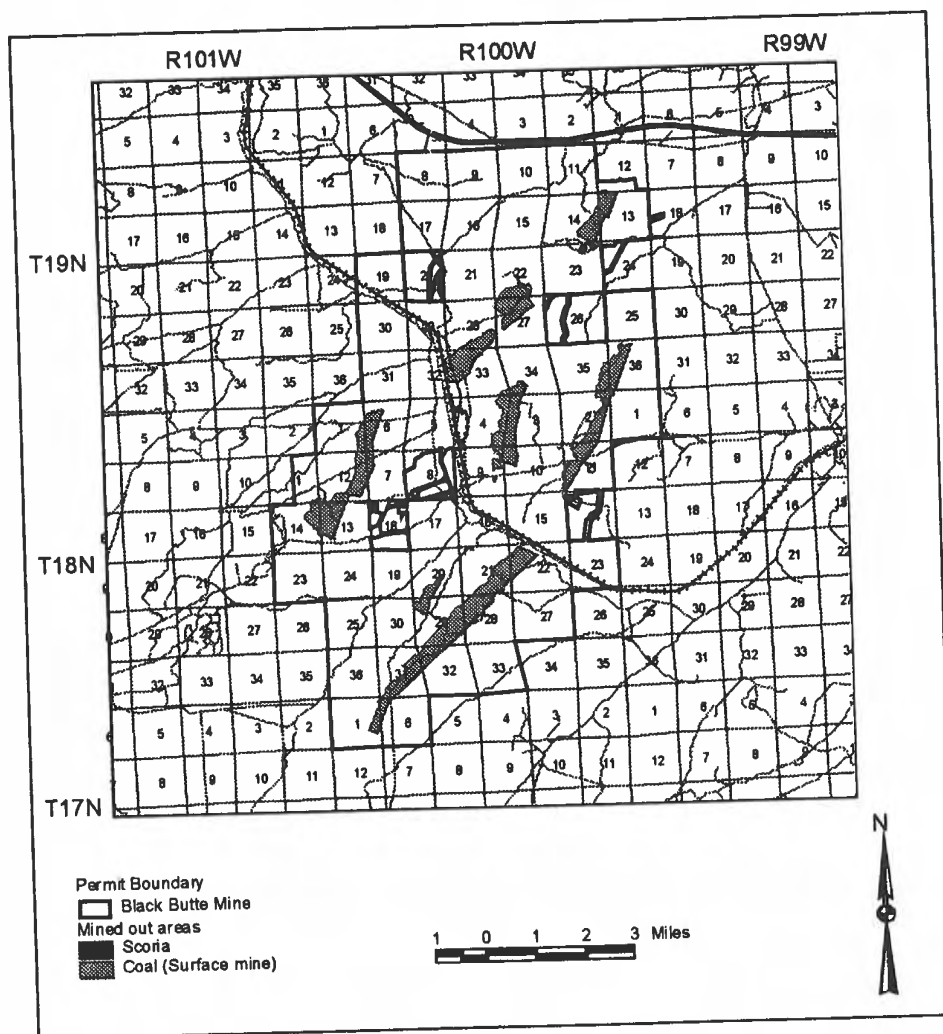
Mine Type: Surface

Acres permitted: 44,981

1999 Coal Production: 3,086,646 short tons

2000 Air Quality Capacity Limit: 7.0 million short tons (Black Butte)
2.5 million short tons (Leucite Hills)

MINE LOCATION



Coal Field: Green River

County: Sweetwater

Rail Service: Unit train loadout served by Union Pacific/Southern Pacific Railroad.

Mining Method at Black Butte mine:

Overburden Removal: dragline, truck-shovel.

Coal Removal: truck-shovel.

2000 Directory of Coal Mines in Wyoming

Black Butte and Leucite Hills cont.)

Geologic Information at Black Butte mine:

Overburden thickness: 20 to 250 feet (average thickness: 165 feet).

Seams Mined: C1 (average thickness: 9 feet).

0-50 feet interburden

C (average thickness: 15 feet).

10 feet interburden

B (average thickness: 2 feet).

Formation: Fort Union.

Age: Tertiary/Paleocene.

Overburden thickness: 20 to 250 feet (average thickness: 120 feet).

Seams Mined: F (average thickness: 5 feet).

DE (average thickness: 7 feet).

C1 (average thickness: 5 feet).

C (average thickness: 4 feet).

AB (average thickness: 6 feet).

Formation: Lance.

Age: Late Cretaceous.

Overburden thickness: 20 to 250 feet (average thickness: 120 feet).

Seams Mined: D (average thickness: 3 feet).

C (average thickness: 2 feet).

B (average thickness: 2 feet).

A1 (average thickness: 6 feet).

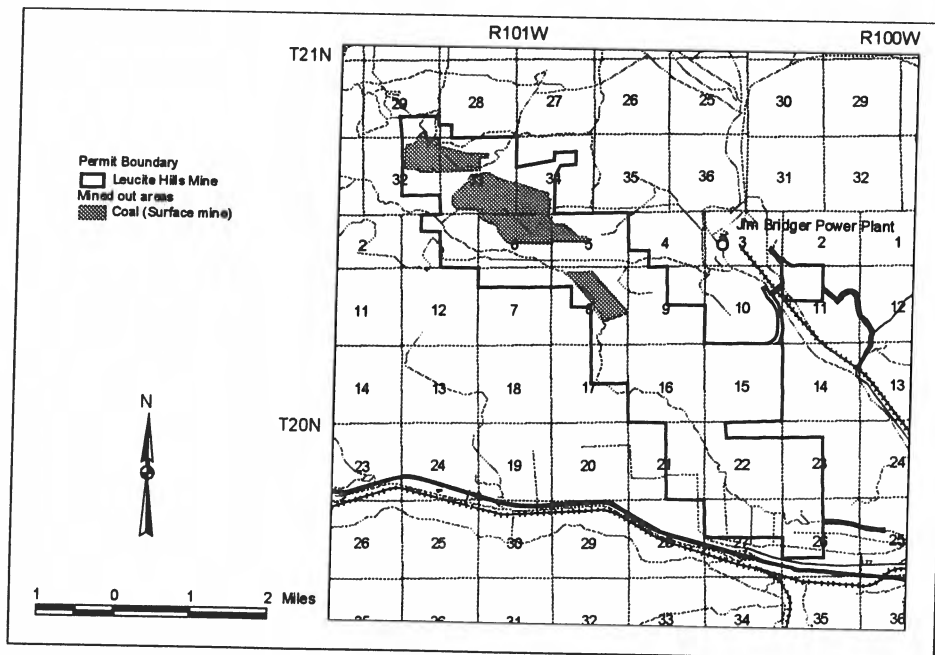
A (average thickness: 5 feet).

Formation: Almond

Group: Mesaverde.

Age: Late Cretaceous.

MINE LOCATION



Coal Field: Green River

County: Sweetwater

Rail Service: None (Coal trucked to Jim Bridger Power Plant).

2000 Directory of Coal Mines in Wyoming

Black Butte and Leucite Hills (cont.)

Mining Method for Leucite Hills mine:
 Overburden Removal: truck-shovel.
 Coal Removal: truck-shovel.

Geologic Information for Leucite Hills mine:
 Overburden thickness: 0 to 150 feet (average thickness: 60 feet).
 Seams Mined: A5 (average thickness: 1.4 feet).
 A4 (average thickness: 4 feet).
 A3 (average thickness: 3.7 feet).
 A2 (average thickness: 6.5 feet).
 Formation: Almond.
 Group: Mesaverde.
 Age: Late Cretaceous.

Production History: (Combined reporting year 1989 through end of 1999 in short tons for the Black Butte and Leucite Hills mines)

1999	3,086,646	1995	2,155,632	1991	5,290,400
1998	2,800,000	1994	4,029,069	1990	5,797,238
1997	1,900,000	1993	2,569,713	1989	5,885,947
1996	1,857,145	1992	5,889,973		

Production History: (Start up year 1979 through end of 1988 in short tons for the Black Butte mine)

1988	5,325,380	1984	4,198,256	1980	3,719,106
1987	4,666,660	1983	4,966,000	1979	1,316,078
1986	5,984,526	1982	4,809,123		
1985	5,508,428	1981	4,390,072		

Production History: (Start up year 1982 through end of 1988 in short tons for the Leucite Hills mine)

1988	381,280	1985	417,075	1982	186,680
1987	538,775	1984	341,356		
1986	474,200	1983	187,536		

Total production from Black Butte and Leucite Hills mines through 1999: 88,672,294.

Recoverable Coal Reserves (million short tons) for the Black Butte and Leucite Hills mines

Original Lease:	154.7
Mined tonnage:	<u>88.7</u>
Remaining Reserves:	66.0

Estimated remaining life of mine: 22 years.
 Remaining life of mine at current permit capacity: 7 years.

1999 Black Butte Coal Company Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C		PacifiCorp	Jim Bridger	WY	2,805,000	9,513	0.48	8.34	79.81	\$15.18

FERC captured 90.9% of 1999 total production for Black Butte and Leucite Hills mines.

Jim Bridger

Operating Company: Bridger Coal Company

Owned By: PacifiCorp/Idaho Power

Mailing Address:

Bridger Coal Company

P.O. Box 2068

Rock Springs, WY 82902-2068

Telephone: (307) 382-9741

Fax: (307) 362-5330

URL: <http://www.pacificorp.com/paccomp/pacpower/mining.html>

Number of Employees in 1999: 375

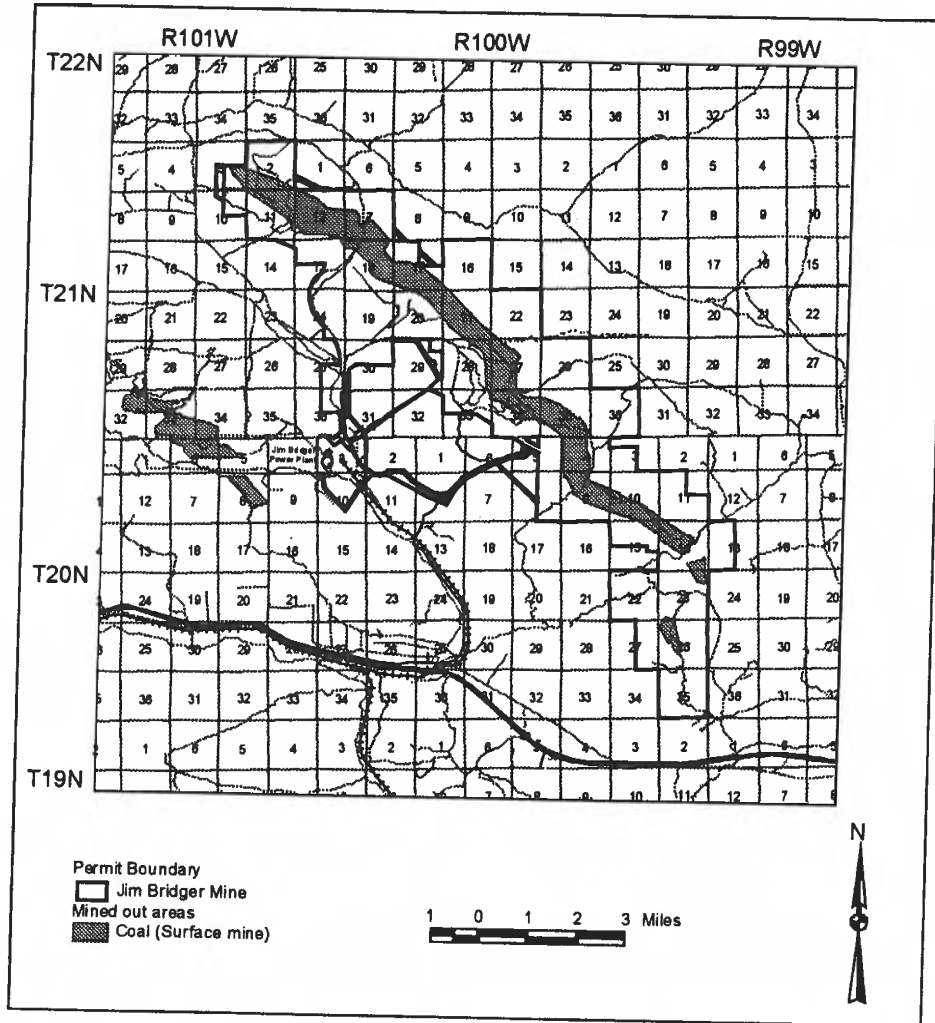
Mine Type: Surface

Acres permitted: 21,110

1999 Coal Production: 6,300,944 short tons

2000 Air Quality Capacity Limit: 7.9 million short tons

MINE LOCATION



Coal Field: Green River

County: Sweetwater

Rail Service: None (Overland conveyor to power plant).

2000 Directory of Coal Mines in Wyoming

Jim Bridger (cont.)

Geologic Information:

Overburden thickness: 80 to 220 feet (average thickness: 140 feet).

- Seams Mined: No. 6 (average thickness: 2.4 feet).
 No. 5-4 (average thickness: 15.4 feet).
 No. 5-1 (average thickness: 27.8 feet).
 No. 5 (average thickness: 6.2 feet).
 No. 4-1 (average thickness: 13.6 feet).
 No. 4 (average thickness: 8.5 feet).
 No. 3-1 (average thickness: 11.8 feet).
 No. 3 (average thickness: 4.6 feet).
 No. 2-1 (average thickness: 7.0 feet).

Coal Zone: Deadman.
 Formation: Fort Union.
 Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: dragline, truck-shovel.
 Coal Removal: truck, shovel and overland conveyor.

Production History: (Start up year 1971 through end of 1999 in short tons)

1999	6,300,944	1989	6,023,607	1979	5,690,411
1998	6,439,566	1988	6,412,384	1978	5,048,913
1997	5,920,376	1987	6,600,573	1977	5,448,953
1996	6,293,172	1986	6,480,450	1976	3,567,058
1995	6,967,096	1985	7,224,977	1975	1,862,125
1994	7,036,084	1984	4,338,421	1974	735,349
1993	6,417,662	1983	4,317,880	1973	0
1992	6,073,832	1982	6,025,129	1972	0
1991	5,746,925	1981	6,832,648	1971	28,736
1990	5,842,017	1980	6,453,302		

Total production through 1999: 146,128,590.

Recoverable Coal Reserves (million short tons)

Original Lease:	233.2
Mined tonnage:	<u>146.1</u>
Remaining Reserves:	87.1

Estimated remaining life of mine: 16 years.
 Remaining life of mine at current permit capacity: 12 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C		PacifiCorp	Jim Bridger	WY	5,621,770	9,275	0.56	10.82	111.16	\$20.62

FERC captured 89.2% of 1999 total production.

Hams Fork Coal Field

<u>MINE</u>	<u>Page</u>
Kemmerer and Skull Point	HF-2

For abbreviations, definitions and explanations see page 11.

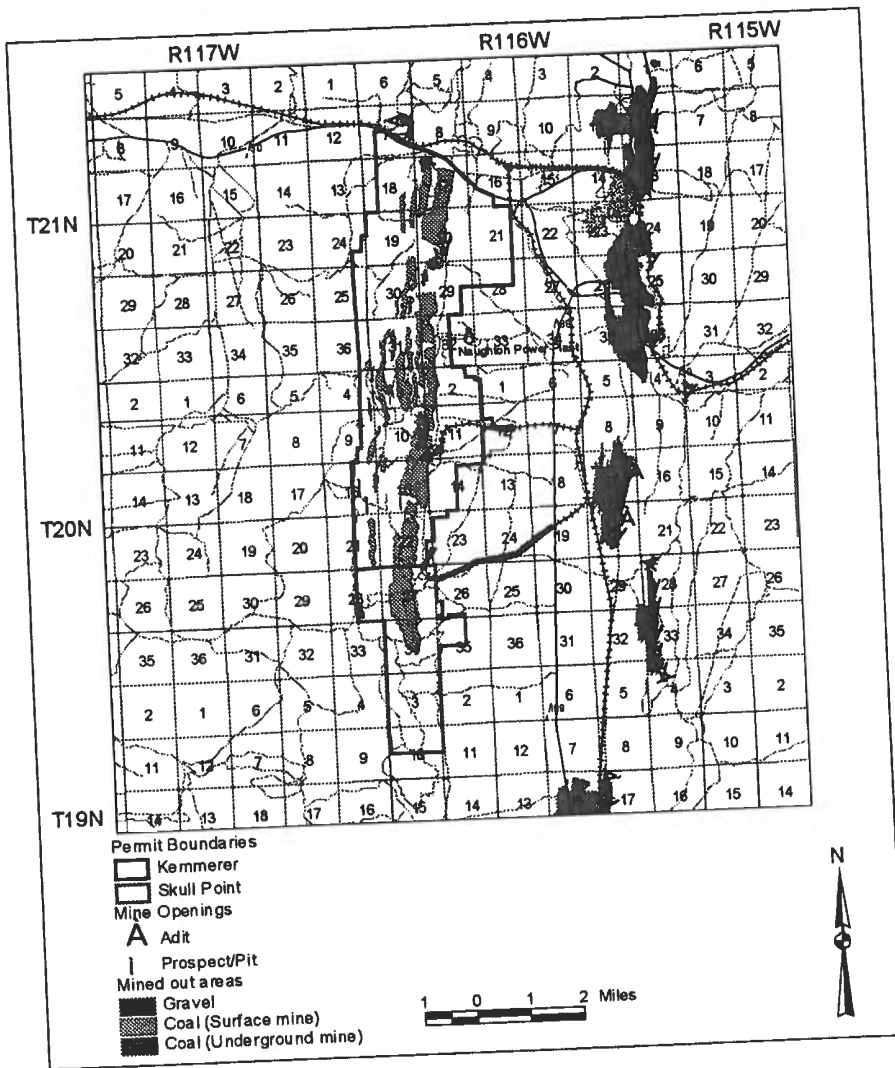
Kemmerer and Skull Point

Operating Company: Pittsburg & Midway Coal Company
 Owned By: Chevron
 Mailing Address:

Pittsburg & Midway Coal Company
 P.O. Box 950
 Kemmerer, WY 83101
 Telephone: (307) 828-2200
 Fax: (307) 877-9089
 URL: <http://www.kemmerer.org/pm.html> or <http://my.uprr.com/pub/energy/coal/wyoming/kemmerer.shtml>

Number of Employees in 1999: 279
 Mine Type: Surface
 Acres permitted: 13,376
 1999 Coal Production: 4,320,197 short tons
 2000 Air Quality Capacity Limit: 5.5 million short tons

MINE LOCATION



Coal Field: Hams Fork
 County: Lincoln
 Rail Service: Unit train loadout served by Union Pacific/Southern Pacific Railroad.

2000 Directory of Coal Mines in Wyoming

Kemmerer and Skull Point (cont.)

Geologic Information:

Overburden thickness: 0 to 1,500 feet (average thickness: varies from pit to pit).

Seams Mined: No. 11 (average thickness: 13 feet).

No. 10 (average thickness: 13 feet).

No. 9 (average thickness: 4 feet).

No. 8 (average thickness: 4 feet).

No. 7 (average thickness: 4 feet).

No. 6 (average thickness: 17 feet).

No. 5 (average thickness: 10 feet).

No. 4 (average thickness: 14 feet).

No. 3 (average thickness: 46 feet).

No. 2 (average thickness: 21 feet).

No. 1 (average thickness: 88 feet).

Coal Zone: Adaville.

Formation: Adaville.

Age: Upper Cretaceous.

Mining Method:

Overburden Removal: truck-shovel.

Coal Removal: truck, front-end loader, and backhoe.

Production History: (After acquisition of Skull Point mine in 1998 through end of 1999 in short tons for the Kemmerer mine)

1999	4,320,197	1998	4,736,245
------	-----------	------	-----------

Production History: (After combination of the Elkol and Sorensen mines in 1981 through end of 1997 in short tons for the Kemmerer mine)

1997	4,401,644	1991	3,552,190	1985	3,418,392
1996	3,650,865	1990	3,785,548	1984	3,127,228
1995	3,624,328	1989	3,880,294	1983	3,083,067
1994	3,619,259	1988	3,957,731	1982	3,300,743
1993	3,261,818	1987	3,000,000	1981	4,037,963
1992	3,784,041	1986	3,127,668		

Production History: (Start up year 1976 through end of 1997 in short tons for the Skull Point mine)

1997	205,890	1989	896,000	1981	960,750
1996	768,580	1988	937,999	1980	908,580
1995	820,000	1987	802,930	1979	813,346
1994	670,934	1986	905,893	1978	896,036
1993	803,449	1985	911,196	1977	718,789
1992	810,020	1984	942,843	1976	84,524
1991	839,454	1983	957,397		
1990	950,000	1982	1,014,874		

Production History: (Start up year 1963 through end of 1980 in short tons for the Sorensen mine)

1980	4,082,578	1974	3,353,157	1968	952,224
1979	4,281,123	1973	2,946,676	1967	756,980
1978	4,064,332	1972	2,102,919	1966	726,138
1977	4,385,147	1971	1,503,545	1965	626,706
1976	4,122,457	1970	1,583,429	1964	605,086
1975	2,733,091	1969	1,459,471	1963	573,849

2000 Directory of Coal Mines in Wyoming

Kemmerer and Skull Point (cont.)

Production History: (Start up year 1951 through end of 1980 in short tons for the Elkol surface mine)

1980	1,733,740	1970	273,852	1960	195,868
1979	1,778,856	1969	243,475	1959	265,044
1978	1,724,327	1968	245,932	1958	393,659
1977	1,654,491	1967	214,450	1957	577,140
1976	1,845,658	1966	181,655	1956	579,314
1975	1,015,833	1965	182,130	1955	529,424
1974	916,322	1964	161,445	1954	450,997
1973	400,241	1963	179,141	1953	508,494
1972	259,323	1962	271,236	1952	706,660
1971	190,854	1961	224,073	1951	549,558

Production History: (Start up year 1909 through end of 1950 in short tons for the Elkol deep mine)

1950	318,104	1936	43,731	1922	57,965
1949	150,732	1935	40,899	1921	81,772
1948	220,214	1934	30,455	1920	121,952
1947	166,849	1933	50,159	1919	108,026
1946	106,256	1932	54,169	1918	188,494
1945	119,999	1931	73,838	1917	198,045
1944	153,816	1930	67,373	1916	83,667
1943	193,971	1929	69,505	1915	20,478
1942	73,493	1928	62,736	1914	29,405
1941	30,224	1927	68,320	1913	70,000
1940	29,375	1926	67,313	1912	60,974
1939	34,564	1925	72,757	1911	59,000
1938	35,387	1924	78,189	1910	35,000
1937	46,294	1923	67,172	1909	120,000

Total production through 1999: 137,159,821.

Recoverable Coal Reserves (million short tons)

Kemmerer Original Lease:	214.7
Skull Point Original Lease:	24.3
Mined tonnage:	<u>137.2</u>
Remaining Reserves:	104.8

Estimated remaining life of mine: 21 years.
Remaining life of mine at current permit capacity: 18 years.

1998 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C		PacifiCorp	Naughton	WY	2,261,000	9,982	0.74	4.86	115.12	\$22.98

FERC captured 52.3% of 1999 total production.

Hanna Coal Field

<u>MINE</u>	<u>Page</u>
Medicine Bow	HN-2
Seminole II	HN-4
Shoshone No. 1	HN-6

For abbreviations, definitions and explanations see page 11.

2000 Directory of Coal Mines in Wyoming

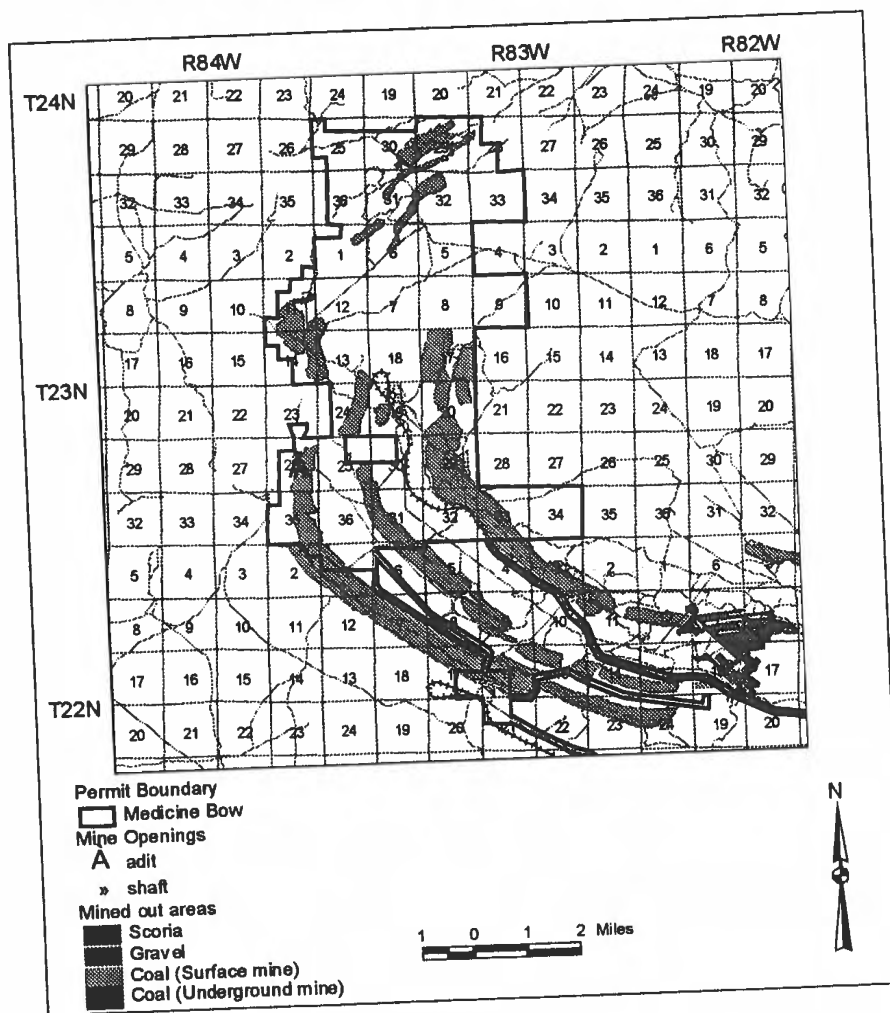
Medicine Bow

Operating Company: Arch of Wyoming, Inc.
 Subsidiary of: Arch Western Resources, LLC.
 Owned By: Arch Coal, Inc.
 Mailing Address:

Arch of Wyoming, Inc.
 P.O. Box 460
 Hanna, WY 82327
 Telephone: (307) 325-6581
 Fax: (307) 325-9250
 URL: <http://www.archcoal.com> or http://my.uprr.com/pub/energy/coal/wyoming/med_bow.shtml

Number of Employees in 1999: 49
 Mine Type: Surface
 Acres permitted: 20,352
 1999 Coal Production: 614,254 short tons
 2000 Air Quality Capacity Limit: 3.25 million short tons

MINE LOCATION



Coal Field: Hanna
 County: Carbon
 Rail Service: Unit train loadout served by Union Pacific/Southern Pacific Railroad.

2000 Directory of Coal Mines in Wyoming

Medicine Bow (cont.)

Geologic Information:

Overburden thickness: 0 to 150 feet (average thickness: 130 feet).

Seams Mined: No. 65 (average thickness: 9 feet).

No. 64 (average thickness: 6 feet).

No. 63 (average thickness: 5 feet).

No. 62 (average thickness: 9 feet).

Formation: Ferris.

Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: dragline.

Coal Removal: dragline, truck-shovel.

Production History: (Start up year 1975 through end of 1999 in short tons)

1999	614,254	1990	2,813,212	1981	2,025,455
1998	1,100,970	1989	2,305,147	1980	1,955,435
1997	1,534,904	1988	441,222	1979	2,345,917
1996	1,791,046	1987	19,625	1978	3,129,651
1995	1,699,106	1986	3,274	1977	2,809,312
1994	1,838,300	1985	288,425	1976	2,773,856
1993	2,614,424	1984	540,844	1975	2,506,379
1992	2,402,009	1983	569,786		
1991	2,418,573	1982	609,597		

Total production through 1999: 41,150,723.

Recoverable Coal Reserves (million short tons)

Original Lease: 65.4

Mined tonnage: 41.2

Remaining Reserves: 24.2

Estimated remaining life of mine: 1 year.

Remaining life of mine at current permit capacity: 8 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C	01-Mar-00	Missouri Public Service	Sibley	MO	489,000	10,443	0.66	6.91	104.66	\$21.86

FERC captured 79.6% of 1999 total production.

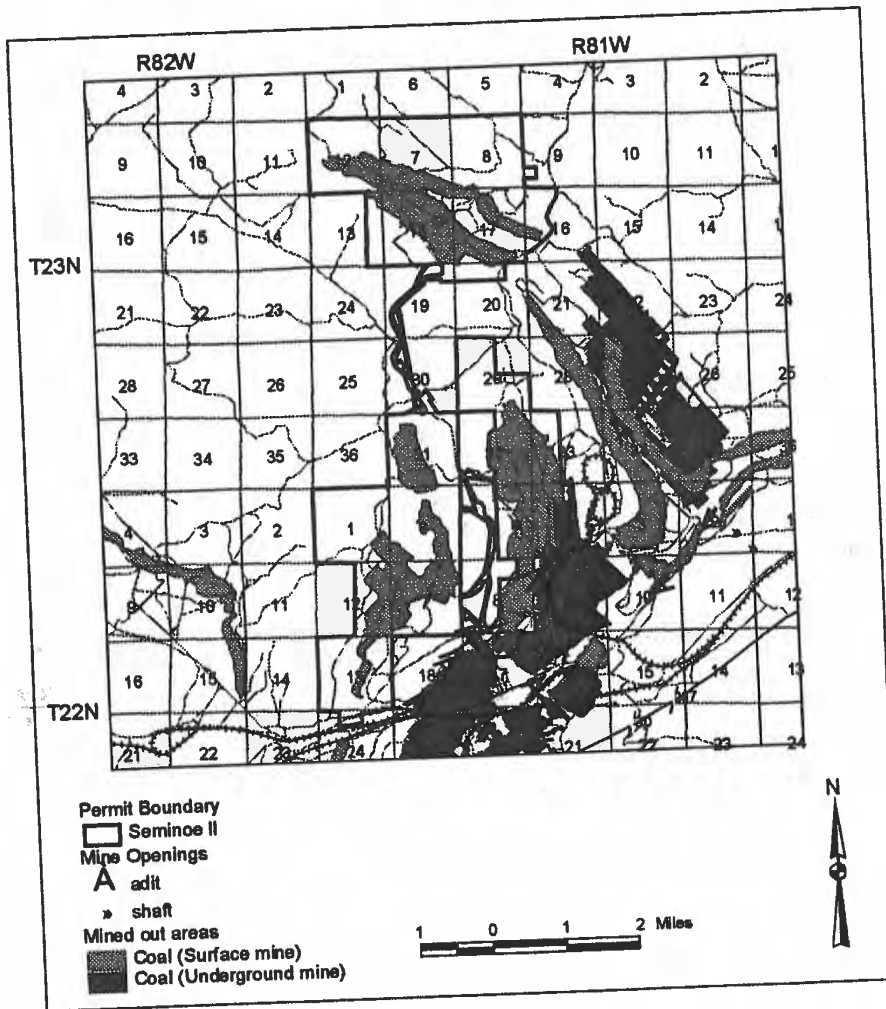
Seminole II

Operating Company: Arch of Wyoming, Inc.
Subsidiary of: Arch Western Resources, LLC.
Owned By: Arch Coal, Inc.
Mailing Address:

Arch of Wyoming, Inc.
P.O. Box 480
Hanna, WY 82327
Telephone: (307) 325-6581
Fax: (307) 325-9250
URL: <http://www.archcoal.com> or <http://my.uprr.com/pub/energy/coal/wyoming/seminole.shtml>

Number of Employees in 1999: 47
Mine Type: Surface
Acres permitted: 9,596
1999 Coal Production: 422,263 short tons
2000 Air Quality Capacity Limit: 2.5 million short tons

MINE LOCATION



Coal Field: Hanna
County: Carbon
Rail Service: Unit train loadout served by Union Pacific/Southern Pacific Railroad.

2000 Directory of Coal Mines in Wyoming

Seminole II (cont.)

Geologic Information:

Overburden thickness: 150 to 225 feet (average thickness: 200 feet).

Seams Mined: Bed No. 78 (average thickness: 18 feet).

Hanna No. 2 (average thickness: 30 feet).

Hanna No. 5 (average thickness: 14 feet).

Formation: Hanna.

Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: dragline, truck-shovel.

Coal Removal: truck-shovel.

Production History: (Start up year 1985 through end of 1999 in short tons)

1999	422,263	1989	344,942	1979	2,719,790
1998	463,501	1988	1,660,914	1978	2,831,817
1997	601,359	1987	1,342,900	1977	2,776,204
1996	224,368	1986	639,433	1976	2,660,931
1995	113,991	1985	1,294,307	1975	2,941,432
1994	0	1984	2,124,803	1974	2,589,752
1993	0	1983	1,456,678	1973	1,497,675
1992	0	1982	1,719,248	1972	120,249
1991	0	1981	2,800,402		
1990	0	1980	1,828,852		

Total production through 1999: 35,175,811.

Recoverable Coal Reserves (million short tons)

Original Lease: 36.4

Mined tonnage: 35.2

Remaining Reserves: 1.2

Estimated remaining life of mine: 2 years.

Remaining life of mine at current permit capacity: 2 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C	01-Dec-00	MidAmerican Energy	George Neal 1-4	IA	67,000	11,087	0.39	5.89	110.35	\$24.47
C		Nebraska Public Power District	Sheldon	NE	1,893	10,880	0.43	6.20	129.40	\$28.16
			FERC CONTRACT DELIVERIES=		68,893	11,081	0.39	5.90	110.87	\$24.57
S		Northern States Power	Bayfront	WI	57,700	11,184	0.52	6.22	157.27	\$35.18
S		St Joseph Light and Power	Lake Road	MO	144,500	11,137	0.40	5.56	114.20	\$25.44
			FERC SPOT DELIVERIES=		202,200	11,150	0.43	5.75	126.49	\$28.22
			TOTAL FERC =		271,093	11,133	0.42	5.79	122.52	\$27.29

FERC captured 64.2% of 1999 total production.

Shoshone No.1

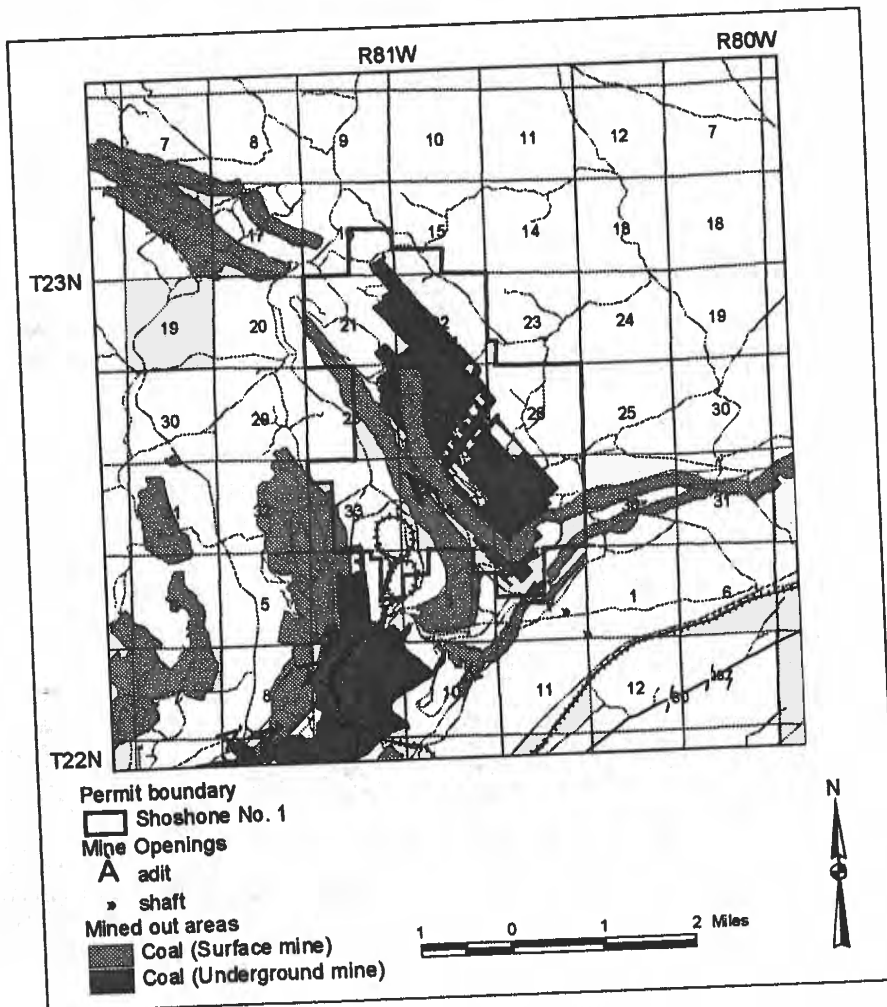
Operating Company: RAG Shoshone Coal Company
Owned By: RAG International Mining GmbH.
Mailing Address:

RAG Shoshone Coal Company
P.O. Box 830
Hanna, WY 82327
Telephone: (307) 325-9471
Fax: (307) 325-9247

URL: <http://www.rag-coalinter.de/profil/eprofil101.htm> or
<http://my.uprr.com/pub/energy/coal/wyoming/shoshone.shtml>

Number of Employees in 1999: 79
Mine Type: Deep (Longwall)
Acres permitted: 5,295
1999 Coal Production: 1,706,939 short tons
2000 Air Quality Capacity Limit: 3.5 million short tons

MINE LOCATION



Coal Field: Hanna
County: Carbon
Rail Service: Unit train loadout served by Union Pacific/Southern Pacific Railroad.

2000 Directory of Coal Mines in Wyoming

Shoshone No.1 (cont.)

Geologic Information:

Cover thickness: 200 to 1100 feet (average thickness 900 feet).
 Seams Mined: Hanna No. 80 (thickness 12-14 feet).
 Formation: Hanna.
 Age: Tertiary/Paleocene.

Mining Method:

Coal Removal: longwall, with continuous miner on development.
 Panel width: 740 feet.
 Panel length: 7,700 feet.
 Gate entries: 2.
 Depth of cut: 32 inches.
 Cutting height: 12 feet.

Production History: (Start up year 1985 through end of 1999 in short tons)

1999	1,706,939	1992	1,651,966	1985	1,060,367
1998	1,903,000	1991	2,026,065	1984	1,343,955
1997	2,854,936	1990	1,420,980	1983	1,282,700
1996	2,640,912	1989	1,544,661	1982	1,108,795
1995	1,990,114	1988	1,067,305	1981	1,013,000
1994	2,543,441	1987	105,300	1980	527,273
1993	1,590,696	1986	163,700	1979	96,269

Total production through 1999: 29,642,374. Note: before 1986 this was the Carbon No. 1 mine.

Recoverable Coal Reserves (million short tons)

Original Lease:	35.3
Mined tonnage:	<u>29.6</u>
Remaining Reserves:	5.7

Estimated remaining life of mine: 0* years. (*Restricted by geologic faulting. Mine closed 07/2000)
 Remaining life of mine at current permit capacity: 2 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C		Northern Indiana Public Service	Bailly	IN	224,200	10,816	0.63	6.28	180.78	\$39.11
C		Northern Indiana Public Service	Michigan City	IN	464,200	10,882	0.63	6.33	180.22	\$39.22
C		Northern Indiana Public Service	Mitchell	IN	256,600	10,830	0.63	6.19	190.06	\$41.17
C		Northern Indiana Public Service	Rollin Schahfer	IN	651,200	10,822	0.63	5.92	171.99	\$37.23
C		Nebraska Public Power District	Sheldon	NE	11,404	10,683	0.68	6.50	116.00	\$24.78
FERC CONTRACT DELIVERIES=					1,607,604	10,839	0.63	6.14	178.08	\$38.61
S		Wisconsin Power and Light	Edgewater	WI	197,594	10,802	0.64	6.24	142.66	\$30.82
S		St Joseph Light and Power	Lake Road	MO	1,500	10,800	0.60	5.50	46.70	\$10.09
S		IES Utilities, Inc	Sutherland	IA	40,151	10,750	0.61	5.98	115.19	\$24.77
FERC SPOT DELIVERIES=					239,245	10,793	0.63	6.19	137.45	\$29.67
TOTAL FERC =					1,846,849	10,833	0.63	6.14	172.82	\$37.45

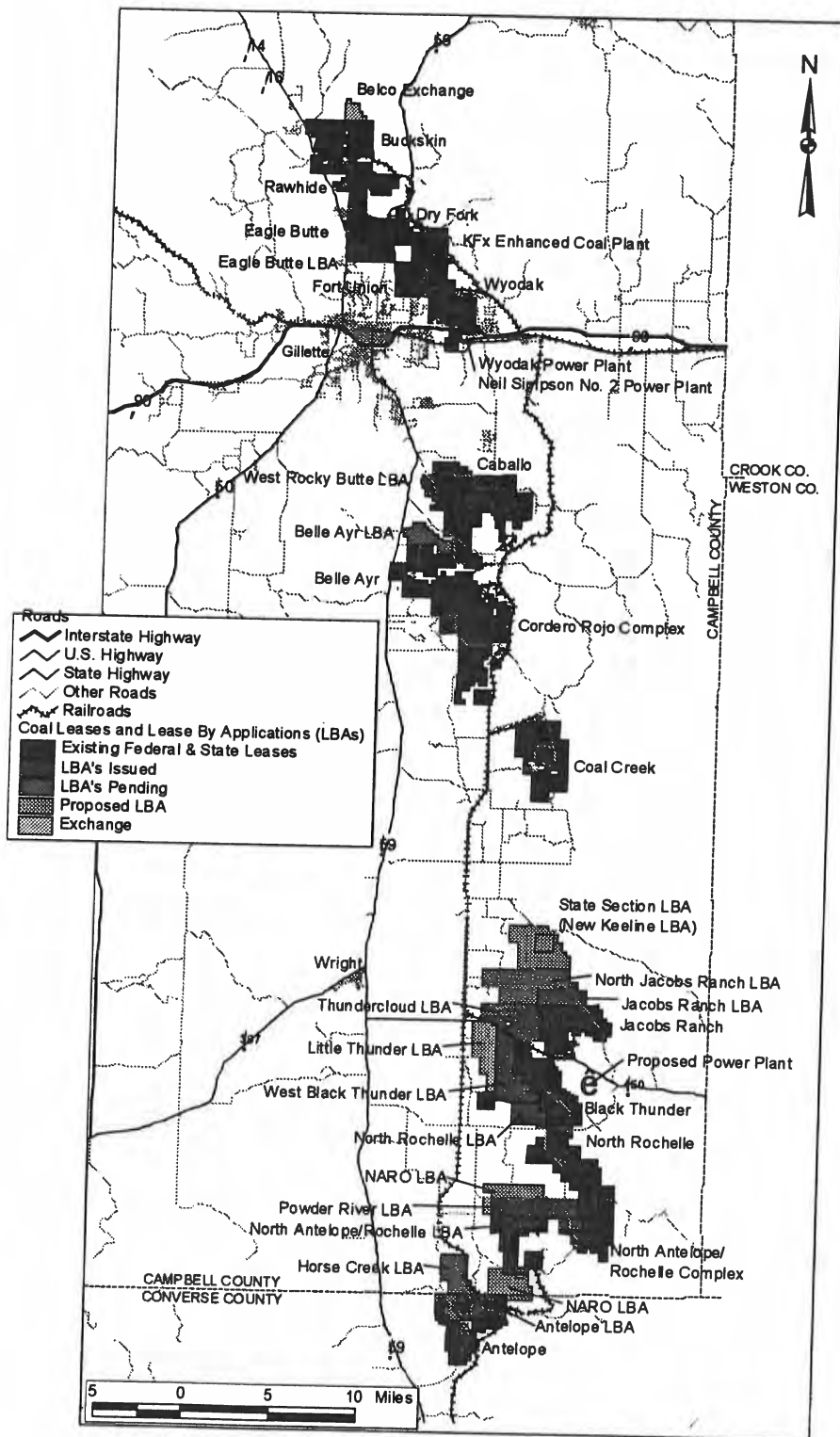
FERC captured 108.2% of 1999 total production.

Powder River Coal Field

<u>MINE</u>	<u>Page</u>
Coal Mines of the Eastern PRB	PR-2
Antelope	PR-3
Belle Ayr	PR-6
Big Horn	PR-8
Black Thunder	PR-10
Buckskin	PR-13
Caballo	PR-15
Coal Creek	PR-17
Cordero Rojo Complex	PR-19
Dave Johnston	PR-22
Dry Fork	PR-24
Eagle Butte	PR-26
Jacobs Ranch	PR-28
KFx	PR-31
North Antelope/Rochelle Complex	PR-33
North Rochelle	PR-37
Rawhide	PR-39
Wyodak	PR-41

For abbreviations, definitions and explanations see page 11.

Figure 8. Coal Mines of the Eastern Powder River Basin.



2000 Directory of Coal Mines in Wyoming

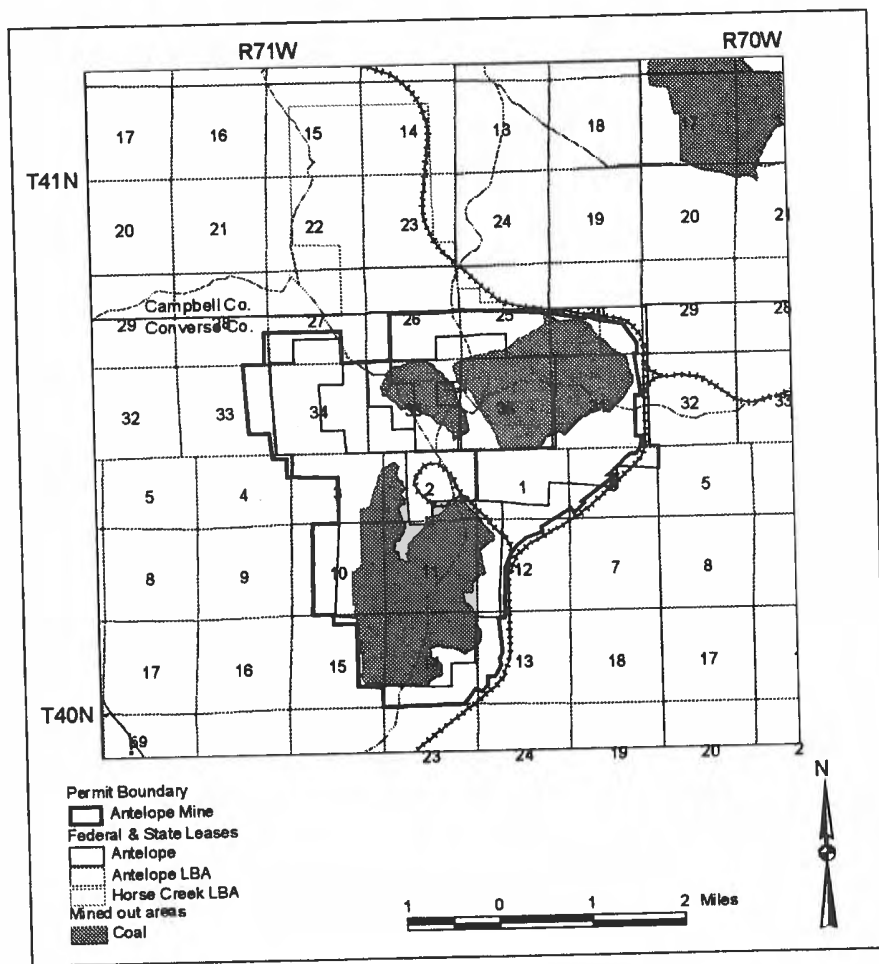
Antelope

Operating Company: Antelope Coal Company
Subsidiary of: Kennecott Energy Company
Owned By: Rio Tinto, PLC.
Mailing Address:

Antelope Coal Company
Caller Box 3008
Gillette, WY 82717-3008
Telephone: (307) 464-1133
Fax: (307) 464-2588
URL: <http://www.kenergy.com/antelope/antelope.html> or <http://my.uprr.com/pub/energy/coal/sprb/antelope.shtml>

Number of Employees in 1999: 188
Mine Type: Surface
Acres permitted: 7,735
1999 Coal Production: 22,685,000 short tons
2000 Air Quality Capacity Limit: 30.0 million short tons

MINE LOCATION



Coal Field: Powder River

County: Converse

Rail Service: Unit train loadout served by Burlington Northern/Santa Fe and Union Pacific/Southern Pacific Railroads.

2000 Directory of Coal Mines in Wyoming

Antelope (cont.)

Geologic Information:

Overburden thickness: 20 to 200 feet (average thickness 84 feet).
 Seams Mined: Anderson (average thickness 38 feet).
 Canyon (average thickness 32 feet).
 Coal Zone: Wyodak.
 Member: Tongue River.
 Formation: Fort Union.
 Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: dragline and truck-shovel.
 Coal Removal: truck-shovel and overland conveyor.

Production History: (Start up year 1985 through end of 1999 in short tons)

1999	22,685,000	1991	5,448,268
1998	19,418,684	1990	5,211,642
1997	13,564,831	1989	3,541,184
1996	12,047,801	1988	3,141,088
1995	10,866,880	1987	2,554,333
1994	8,258,590	1986	1,709,787
1993	7,286,610	1985	66,344
1992	5,734,603		

Total production through 1999: 121,535,645

Recoverable Coal Reserves (million short tons)

Original Lease:	254.7	
Additions:	66.4	Antelope Lease By Application (LBA) (12-4-96)
	356.5	Horse Creek Lease By Application
Mined tonnage:	121.5	
Remaining Reserves:	556.1	

Estimated remaining life of mine: 21 years.

Remaining life of mine at current permit capacity: 19 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C	01-Dec-99	Public Service Co of Colorado	Araphoe	CO	459,400	8,807	0.23	5.36	82.10	\$21.45
C	01-Dec-99	Lansing Board of Water and Light	Claude R. Erickson	MI	4,500	8,839	0.18	4.94	132.27	\$23.38
C		Indiana-Kentucky Electric Corp	Clifty Creek	IN	1,286,000	8,817	0.24	5.28	96.49	\$17.02
C		Tennessee Valley Authority	Cora Terminal	IL	197,400	8,809	0.26	5.59	91.38	\$16.10
C	01-Dec-00	City Public Service-San Antonio	Deely & Spruce	TX	30,000	8,858	0.29	5.25	97.39	\$17.25
C		Tennessee Valley Authority	GRT Terminal	KY	716,590	8,823	0.24	5.29	95.74	\$16.89
C	01-Dec-00	Northern States Power	High Bridge	MN	36,400	8,812	0.21	5.13	112.31	\$19.79
C		Electric Energy	Joppa	IL	1,072,700	8,820	0.24	5.21	86.01	\$15.17
C	01-Dec-00	Northern States Power	King	MN	351,900	8,821	0.22	5.09	119.34	\$21.05
C	31-Dec-00	Detroit Edison	Monroe	MI	162,000	8,794	0.22	5.36	96.35	\$16.95
C		Oklahoma Gas and Electric	Muskogee	OK	97,187	8,831	0.29	5.17	84.40	\$14.91
C	01-Jun-99	Wisconsin Electric Power	Oak Creek	WI	751,000	8,827	0.25	5.31	94.80	\$16.74
C	01-Dec-99	Lansing Board of Water and Light	Otto E. Eckert	MI	700,900	8,804	0.28	5.40	132.99	\$23.42
C		Wisconsin Electric Power	Presque Isle	MI	532,000	9,046	0.28	4.82	97.37	\$17.62
C	01-Dec-99	Colorado Springs Utilities	R. D. Nixon	CO	55,100	8,782	0.24	5.42	75.44	\$13.25
C	01-Dec-03	Platte River Authority	Rawhide	CO	1,218,858	8,809	0.25	5.46	59.90	\$10.55
C		Detroit Edison	River Rouge	MI	25,000	8,741	0.26	5.75	102.57	\$17.93
C		Tennessee Valley Authority	Shawnee	KY	14,190	8,765	0.34	5.89	96.69	\$16.95
C		Northern States Power	Sherburne County	MN	12,200	8,694	0.21	6.40	122.50	\$21.30
C		Oklahoma Gas and Electric	Sooner	OK	259,347	8,826	0.27	5.49	80.30	\$14.17
C	31-Dec-00	Detroit Edison	Trenton Channel	MI	222,000	8,799	0.27	5.55	100.15	\$17.62
FERC CONTRACT DELIVERIES=					8,204,672	8,830	0.25	5.30	92.14	\$16.66

2000 Directory of Coal Mines in Wyoming

Antelope (cont.)

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	\$/mmBtu	\$/ton	
S	01-Dec-99	Public Service Co of Colorado	Araphoe	CO	54,100	8,729	0.58	5.33	84.10	\$20.76	
S		Cleveland Electric Illum Co	Avon Lake	OH	38,100	8,872	0.28	5.36	120.30	\$21.35	
S		Toledo Edison	Bay Shore	OH	818,000	8,761	0.28	5.50	115.76	\$20.28	
S		Portland General Electric	Boardman	OR	33,000	8,792	0.19	5.08	112.84	\$19.84	
S		Indiana-Kentucky Electric Corp	Clifty Creek	IN	220,000	8,799	0.22	5.47	96.36	\$16.96	
S		Wisconsin Power and Light	Edgewater	WI	359,946	8,802	0.24	5.32	105.71	\$18.61	
S		Consumers Energy	J. C. Weadock	MI	13,100	8,827	0.30	5.90	100.10	\$17.67	
S		Consumers Energy	J. H. Campbell	MI	12,800	8,887	0.30	5.90	89.30	\$17.85	
S		Union Electric	Labadie	MO	3,211,000	8,800	0.22	5.30	91.17	\$16.05	
S		St Joseph Light and Power	Lake Road	MO	278,600	8,818	0.25	5.25	82.10	\$14.48	
S		Interstate Power	Lansing	IA	14,426	8,762	0.17	4.94	99.70	\$17.47	
S		Northern Indiana Public Service	Mitchell	IN	500	8,799	0.28	5.50	157.90	\$27.79	
S		Detroit Edison	Monroe	MI	27,000	8,807	0.20	5.30	97.50	\$17.17	
S	01-Dec-99	Colorado Springs Utilities	R. D. Nixon	CO	12,600	8,667	0.31	6.75	76.40	\$13.24	
S		Union Electric	Rush Island	MO	427,000	8,800	0.22	5.30	87.17	\$15.34	
S		Georgia Power (Southern Co)	Scherer	GA	2,567,800	8,816	0.25	5.41	151.39	\$26.69	
S		Union Electric	Sioux	MO	862,000	8,799	0.22	5.29	86.03	\$15.14	
S		Indiana Michigan Power (AEP)	Tanners Creek	IN	9,100	8,839	0.28	5.40	104.60	\$18.49	
S		Detroit Edison	Trenton Channel	MI	13,000	8,883	0.19	4.70	98.10	\$17.43	
S		Wisconsin Public Service Corp	Weston 3	WI	108,000	8,791	0.20	5.20	96.92	\$17.04	
					FERC SPOT DELIVERIES=	9,080,072	8,801	0.24	5.35	110.45	\$19.48
					TOTAL FERC =	17,284,744	8,815	0.24	5.33	101.76	\$18.14

FERC captured 76.2% of 1999 total production.

Belle Ayr

Operating Company: RAG Coal West, Inc.
Owned By: RAG International Mining GmbH.
Mailing Address:

RAG Coal West, Inc.
P.O. Box 3039
Gillette, WY 82717-3039
Telephone: (307) 687-3400
Fax: (307) 687-3470

URL: <http://my.uprr.com/pub/energy/coal/sprb/belleayr.shtml> or
<http://www.rag-coalinter.de/profil/eprofil101.htm>

Number of Employees in 1999: 253

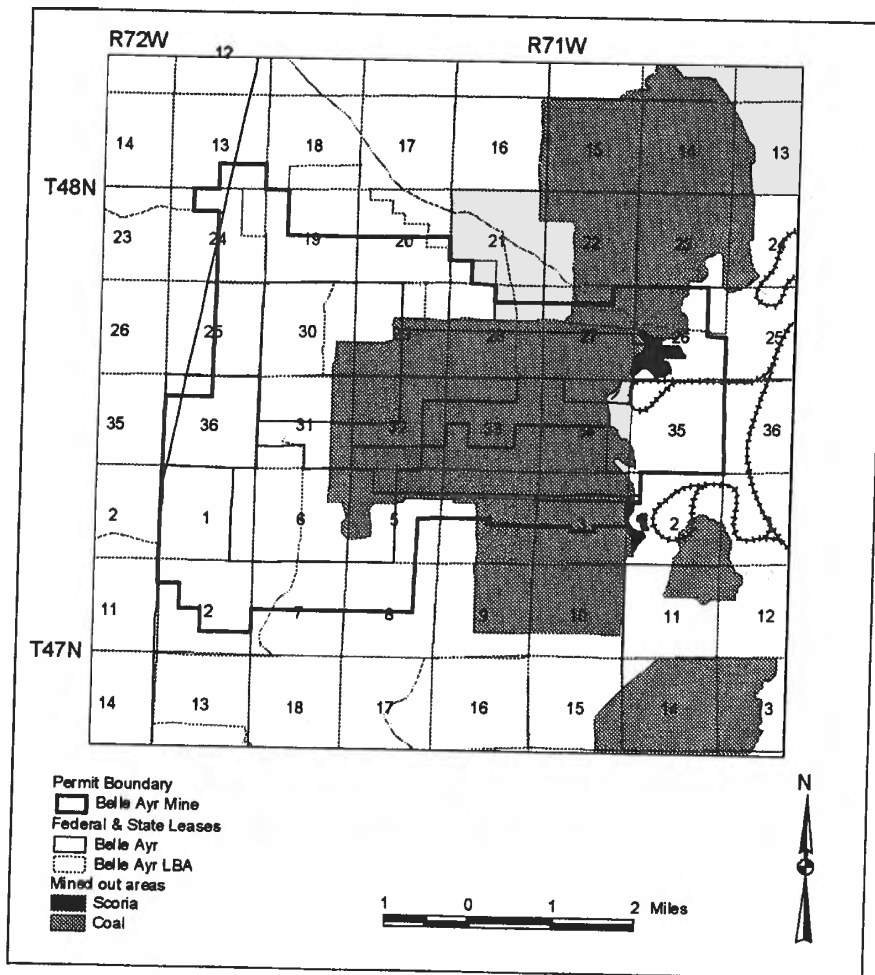
Mine Type: Surface

Acres permitted: 11,872

1999 Coal Production: 17,885,338 short tons

2000 Air Quality Capacity Limit: 25.0 million short tons

MINE LOCATION



Coal Field: Powder River

County: Campbell

Rail Service: Unit train loadout served by Burlington Northern/Santa Fe and Union Pacific/Southern Pacific Railroads.

2000 Directory of Coal Mines in Wyoming

Belle Ayr (cont.)

Geologic Information:

Overburden thickness: 15 to 350 feet (average thickness 250 feet).
 Seams Mined: Wyodak (average thickness 72 feet).
 Coal Zone: Wyodak.
 Member: Tongue River.
 Formation: Fort Union.
 Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: truck & shovel.
 Coal Removal: truck & shovel.

Production History: (Start up year 1972 through end of 1999 in short tons)

1999	17,885,338	1989	13,600,000	1979	14,996,875
1998	22,479,368	1988	13,296,739	1978	18,065,710
1997	22,800,736	1987	13,329,591	1977	13,331,844
1996	19,970,300	1986	12,145,900	1976	7,233,000
1995	18,771,977	1985	12,829,379	1975	3,288,000
1994	18,361,866	1984	13,417,422	1974	3,301,472
1993	15,558,000	1983	13,825,240	1973	867,544
1992	12,956,204	1982	15,161,298	1972	32,957
1991	14,748,346	1981	15,256,750		
1990	15,528,327	1980	16,106,093		

Total production through 1999: 379,146,276.

Recoverable Coal Reserves (million short tons)

Original Lease:	359.4
Additions:	363.2
Mined tonnage:	379.1
Remaining Reserves:	343.5

Pending Reserves:	200.0	Belle Ayr Lease By Application
Total Reserves:	543.5	

Estimated remaining life of mine: 25 years.
 Remaining life of mine at current permit capacity: 22 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	\$/mmBtu	\$/ton
NC		Otter Tail Power	Big Stone	SD	15,000	8,650	0.34	5.30	95.20	\$16.47
C		Public Service Co of Colorado	Comanche	CO	2,977,600	8,570	0.30	4.39	94.83	\$16.25
C	31-Dec-99	Lower Colorado River Authority	Fayette	TX	83,000	8,615	0.28	4.29	92.39	\$15.92
C		Southwestern Electric Power(CSW)	Flint Creek	AR	1,291,000	8,529	0.29	4.47	163.10	\$27.82
C		Nebraska Public Power District	Gerald Gentleman	NE	3,892,403	8,545	0.29	4.44	45.98	\$7.86
C	31-Dec-99	Alabama Power (Southern Co)	James H. Miller Jr	AL	2,780,217	8,581	0.28	4.50	114.83	\$19.71
C		Electric Energy	Joppa	IL	1,915,500	8,572	0.28	4.37	87.50	\$15.00
C	01-Dec-98	Oklahoma Gas and Electric	Muskogee	OK	15,839	8,507	0.25	4.40	75.10	\$12.78
C		West Texas Utilities (CSW)	Oklunion	TX	233,450	8,562	0.27	4.33	103.82	\$17.78
C		Public Service Co of Colorado	Pawnee	CO	219,400	8,567	0.29	4.40	83.76	\$14.35
C		Nebraska Public Power District	Sheldon	NE	69,730	8,562	0.28	4.23	59.76	\$10.23
C		Northern States Power	Sherburne County	MN	27,700	8,577	0.31	4.60	115.30	\$19.78
FERC CONTRACT DELIVERIES=					13,520,839	8,562	0.29	4.43	90.16	\$15.44
S		Wisconsin Power and Light	Edgewater	WI	24,568	8,526	0.29	4.72	105.90	\$18.06
S		Lower Colorado River Authority	Fayette	TX	125,000	8,510	0.27	4.41	93.26	\$15.87
S		Southwestern Electric Power(CSW)	Flint Creek	AR	388,000	8,557	0.28	4.44	134.70	\$23.05
S		MidAmerican Energy	George Neal 1-4	IA	1,004,000	8,585	0.29	4.38	72.61	\$12.47
S		IES Utilities, Inc	Ottumwa	IA	85,668	8,606	0.28	4.32	73.30	\$12.62
S		Wisconsin Public Service Corp	Pulliam	WI	23,000	8,535	0.29	4.70	98.40	\$16.80
S		Georgia Power (Southern Co)	Scherer	GA	396,900	8,568	0.29	4.46	153.49	\$26.30
FERC SPOT DELIVERIES=					2,047,136	8,571	0.29	4.41	102.04	\$17.49
TOTAL FERC =					15,567,975	8,563	0.29	4.43	91.72	\$15.71

FERC captured 87.0% of 1999 total production (see also Eagle Butte).

Big Horn

Operating Company: Big Horn Coal Company

Owned By: Peter Kiewit and Sons

Mailing Address:

Big Horn Coal Company

P.O. Box 724

Sheridan, WY 82801

Telephone: (307) 674-6415

Fax: (307) 674-8035

URL: <http://www.kiewit.com/projects/mining.htm>

Number of Employees in 1999: 12

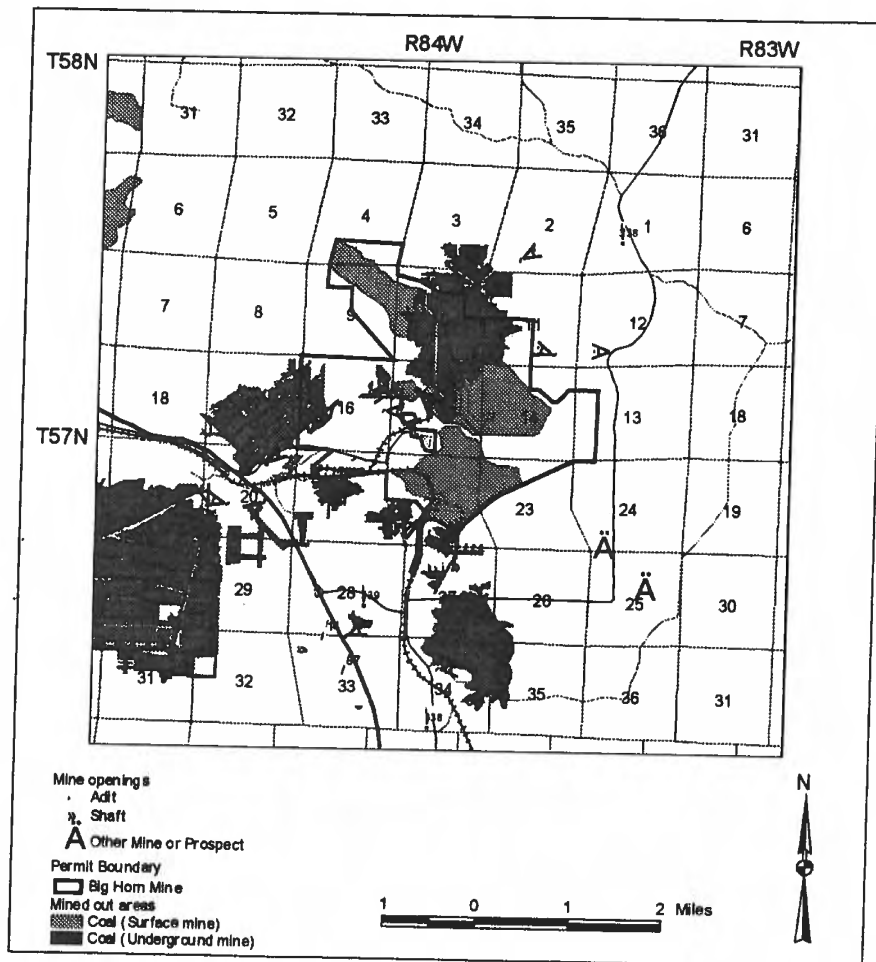
Mine Type: Surface (in reclamation)

Acres permitted: 3,700

1999 Coal Production: 76,401 short tons

2000 Air Quality Capacity Limit: 4.6 million short tons

MINE LOCATION



Coal Field: Powder River

County: Sheridan

Rail Service: Unit train loadout served by Burlington Northern/Santa Fe.

2000 Directory of Coal Mines in Wyoming

Big Horn (cont.)

Geologic Information:

Overburden thickness: 60 to 275 feet (average thickness 130 feet).
 Seams Mined: Dietz #1 (average thickness 11 feet).
 Dietz #2 (average thickness 5 feet).
 Dietz #3 (average thickness 25 feet).
 Monarch (average thickness 26 feet).

Member: Tongue River.
 Formation: Fort Union.
 Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: truck-shovel.
 Coal Removal: truck-shovel.

Production History: (Start up year 1944 through end of 1999 in short tons)

1999	76,401	1980	4,327,594	1961	334,218
1998	65,909	1979	3,536,608	1960	368,057
1997	44,202	1978	2,844,958	1959	370,063
1996	15,129	1977	2,394,532	1958	344,999
1995	37,472	1976	739,385	1957	378,140
1994	100,733	1975	787,123	1956	380,270
1993	120,000	1974	997,274	1955	398,010
1992	105,391	1973	444,545	1954	402,223
1991	158,055	1972	953,611	1953	435,024
1990	134,104	1971	1,755,104	1952	308,625
1989	106,147	1970	1,442,565	1951	323,012
1988	945,116	1969	323,375	1950	350,841
1987	1,201,093	1968	194,750	1949	425,663
1986	1,360,805	1967	325,248	1948	464,331
1985	2,400,000	1966	306,507	1947	551,429
1984	2,530,755	1965	329,883	1946	483,576
1983	2,946,680	1964	412,761	1945	264,723
1982	2,990,564	1963	361,223	1944	107,201
1981	2,753,913	1962	341,196		

Total production through 1999: 47,601,116.

Recoverable Coal Reserves (million short tons)

Original Lease: 58.3
 Mined tonnage: 47.6
 Remaining Reserves: 10.7

Estimated remaining life of mine: 0 years. (in reclamation, mines from pit 3 on demand and processes Decker coal)

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

none

FERC captured 0.0% of 1999 total production.

Black Thunder

Operating Company: Thunder Basin Coal Co. LLC.
 Subsidiary of: Arch Western Resources, LLC.
 Owned By: Arch Coal, Inc.

Mailing Address:

Thunder Basin Coal Company LLC.
 P.O. Box 406
 Wright, WY 82732
 Telephone: (307) 939-1300
 Fax: (307) 464-2313
 URL: <http://www.archcoal.com/ab/ab03a.html> or <http://my.uprr.com/pub/energy/coal/sprb/blkthndr.shtml>

Number of Employees in 1999: 508

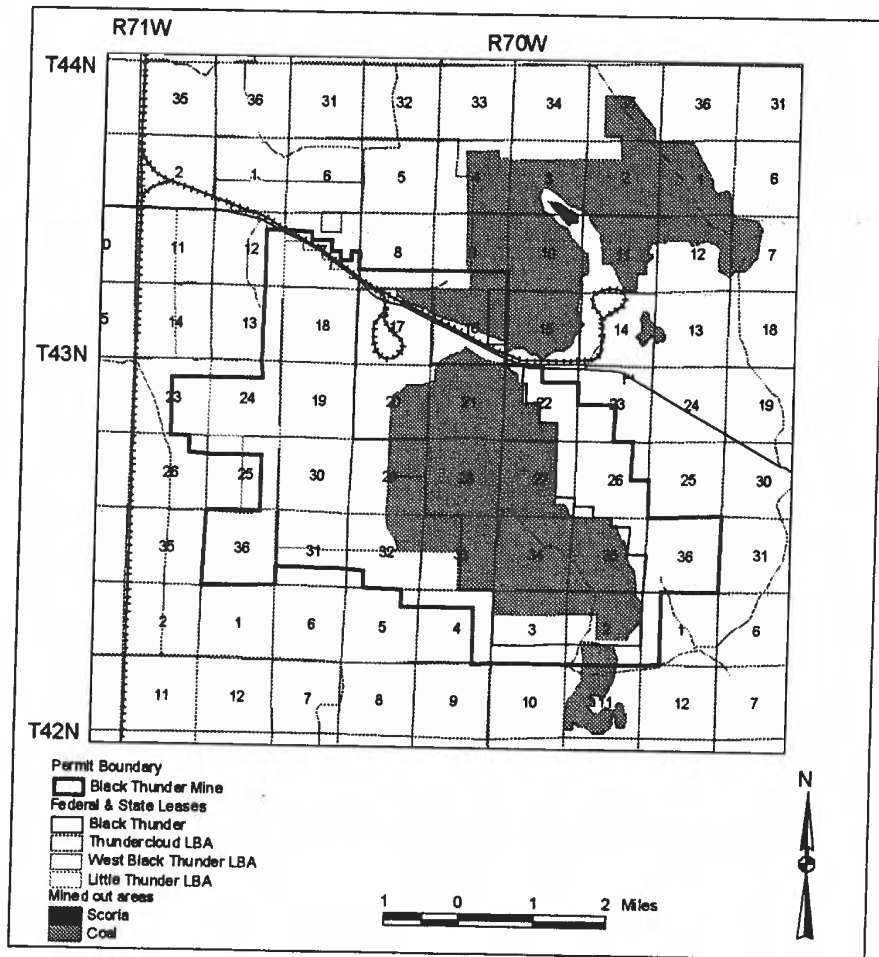
Mine Type: Surface

Acres permitted: 15,963

1999 Coal Production: 48,670,418 short tons

2000 Air Quality Capacity Limit: 100 million short tons

MINE LOCATION



Coal Field: Powder River

County: Campbell

Rail Service: Unit train loadout served by Burlington Northern/Santa Fe and Union Pacific/Southern Pacific Railroads.

2000 Directory of Coal Mines in Wyoming

Black Thunder (cont.)

Geologic Information:

Overburden thickness: 15 to 240 feet (average thickness 140 feet).
 Seams Mined: Roland, Anderson (average thickness 70 feet).
 Coal Zone: Wyodak.
 Member: Tongue River.
 Formation: Fort Union.
 Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: dragline, truck-shovel, and cast blasting.
 Coal Removal: truck-shovel.

Production History: (Start up year 1977 through end of 1999 in short tons)

1999	48,670,418	1991	30,851,751	1983	15,193,140
1998	42,683,014	1990	27,919,411	1982	16,828,240
1997	37,669,516	1989	29,536,578	1981	14,694,507
1996	39,174,599	1988	24,862,429	1980	10,548,996
1995	36,149,282	1987	19,272,751	1979	6,244,164
1994	31,616,222	1986	21,868,336	1978	1,982,424
1993	34,320,470	1985	23,207,616	1977	42,866
1992	28,644,138	1984	21,200,000		

Total production through 1999: 563,180,868.

Recoverable Coal Reserves (million short tons)

Original Lease:	1,187.5	
Additions	412.0	Thundercloud Lease By Application (9/30/98)
Mined tonnage:	<u>563.2</u>	
Remaining Reserves:	1,036.3	
Pending Reserves:	<u>384.0</u>	Little Thunder Lease By Application
Total Reserves:	1,420.3	

Estimated remaining life of mine: 26 years.
 Remaining life of mine at current permit capacity: 14 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	\$/mmBtu	\$/ton
C		Consumers Energy	B. C. Cobb	MI	175,200	8,765	0.34	5.49	104.70	\$18.35
C		Northern Indiana Public Service	Bailey	IN	1,000	8,684	0.35	5.55	101.70	\$17.66
C		Illinois Power	Baldwin	IL	24,888	8,767	0.33	5.90	92.99	\$16.30
C		Tennessee Valley Authority	Cora Terminal	IL	932,860	8,735	0.34	5.54	88.59	\$15.48
C		Wisconsin Power and Light	Edgewater	WI	571,295	8,727	0.33	5.55	113.34	\$19.78
C	31-Dec-01	Lower Colorado River Authority	Fayette	TX	3,312,600	8,733	0.33	5.50	92.91	\$16.23
C	01-Dec-00	MidAmerican Energy	George Neal 1-4	IA	482,000	8,751	0.34	5.48	69.42	\$12.15
C		Tennessee Valley Authority	GRT Terminal	KY	1,266,020	8,746	0.33	5.39	96.14	\$16.82
C		Southwestern Public Service	Harrington	TX	384,000	9,229	0.37	5.41	104.80	\$19.34
C	01-Dec-16	Southwestern Public Service	Harrington	TX	4,017,500	8,885	0.35	5.41	120.37	\$21.39
C	01-Dec-99	Kansas City Power and Light	Hawthorne	MO	6,000	8,757	0.34	5.50	67.90	\$11.89
C		Illinois Power	Hennepin	IL	128,437	8,724	0.34	7.19	111.98	\$19.54
C	01-Mar-00	Western Farmers Electric Coop	Hugo	OK	753,327	8,745	0.33	5.54	102.90	\$18.00
C	01-Dec-03	Kansas City Power and Light	Iatan	MO	2,750,000	8,748	0.32	5.52	75.04	\$13.13
C		Consumers Energy	J. C. Weadock	MI	660,330	8,752	0.33	5.40	98.46	\$17.23
C		Consumers Energy	J. H. Campbell	MI	1,170,200	8,747	0.32	5.50	98.41	\$17.22
C		Consumers Energy	J. R. Whiting	MI	155,800	8,765	0.32	5.49	102.93	\$18.04
C	01-Dec-00	Commonwealth Edison	Joliet	IL	3,548,000	8,769	0.35	5.37	294.68	\$51.68
C		Tennessee Valley Authority	Kingston	TN	41,790	8,781	0.34	5.40	144.17	\$25.26
C	01-Dec-03	Kansas City Power and Light	La Cygne	KS	73,000	8,760	0.32	5.42	79.96	\$14.01
C		Northern Indiana Public Service	Michigan City	IN	441,000	8,761	0.33	5.42	101.95	\$17.86
C		Northern Indiana Public Service	Mitchell	IN	3,043,140	8,767	0.32	5.41	109.67	\$19.23
C	31-Dec-01	Detroit Edison	Monroe	MI	1,982,000	8,760	0.33	5.33	98.66	\$17.29
C		Oklahoma Gas and Electric	Muskogee	OK	2,130,164	8,766	0.43	5.33	85.45	\$14.98
C		Omaha Public Power District	Nebraska City	NE	187,800	8,767	0.33	5.37	54.38	\$9.53
C		Omaha Public Power District	North Omaha	NE	186,600	8,753	0.32	5.59	64.78	\$11.34

2000 Directory of Coal Mines in Wyoming

Black Thunder (cont.)

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C	01-Dec-00	Commonwealth Edison	Powerton	IL	15,000	8,758	0.33	5.50	315.10	\$55.19
C	01-Dec-00	Wisconsin Public Service Corp	Pulliam	WI	125,000	8,733	0.32	5.41	102.81	\$17.96
C		Kansas City Bd Public Utilities	Quindaro	KS	572,000	8,758	0.32	5.36	87.78	\$15.38
C	31-Dec-01	Detroit Edison	River Rouge	MI	388,000	8,752	0.33	5.35	101.57	\$17.78
C		Northern Indiana Public Service	Rollin Schahfer	IN	1,053,100	8,762	0.32	5.44	108.46	\$19.01
C		Tennessee Valley Authority	Shawnee	KY	450,490	8,734	0.35	5.42	101.83	\$17.79
C	01-Dec-00	Northern States Power	Sherburne County	MN	2,159,400	8,738	0.35	5.59	117.46	\$20.53
C		Sikeston Utilities	Sikeston	MO	1,018,900	8,756	0.34	5.52	100.18	\$17.54
C		Oklahoma Gas and Electric	Sooner	OK	2,047,838	8,764	0.33	5.34	79.82	\$13.99
C		IES Utilities, Inc	Sutherland	IA	40,593	8,734	0.30	5.49	72.60	\$12.68
C	17-Dec-99	Southwestern Public Service	Tolk	TX	4,418,890	8,685	0.34	5.33	177.76	\$30.88
C		Detroit Edison	Trenton Channel	MI	13,000	8,624	0.37	6.20	101.00	\$17.42
C	01-Dec-00	Commonwealth Edison	Waukegan	IL	360,000	8,776	0.32	5.36	289.83	\$50.87
C	01-Dec-00	Wisconsin Public Service Corp	Weston 3	WI	1,348,000	8,751	0.32	5.48	112.50	\$19.69
C	01-Dec-00	Commonwealth Edison	Will County	IL	613,000	8,753	0.33	5.46	292.62	\$51.23
FERC CONTRACT DELIVERIES=					43,048,162	8,763	0.34	5.43	127.70	\$22.38
S		Dairyland Power Coop	Alma	WI	25,900	8,860	0.25	5.00	94.90	\$18.67
S		Public Service Co of Colorado	Araphoe	CO	213,100	8,752	0.32	5.34	84.50	\$20.71
S		IES Utilities, Inc	Burlington	IA	11,821	8,854	0.31	4.37	79.10	\$14.01
S		Arizona Public Service	Cholla	AZ	59,000	8,747	0.32	5.58	111.36	\$19.48
S		Minnesota Power	Clay Boswell	MN	240	8,782	0.30	5.70	76.30	\$13.40
S		Central Power and Light (CSW)	Colet Creek	TX	450	8,883	0.34	9.40	185.00	\$32.87
S		Wisconsin Power and Light	Columbia	WI	536,807	8,767	0.32	5.47	89.11	\$15.82
S		Interstate Power	Dubuque	IA	6,179	8,715	0.34	5.49	101.10	\$17.62
S		Wisconsin Power and Light	Edgewater	WI	459,248	8,708	0.34	5.68	107.18	\$18.67
S		Lower Colorado River Authority	Fayette	TX	328,900	8,782	0.28	5.25	94.75	\$16.64
S		Southwestern Public Service	Harrington	TX	5,900	8,864	0.34	5.40	115.71	\$20.51
S		Kansas City Power and Light	Hawthorne	MO	93,000	8,761	0.33	5.38	68.08	\$11.93
S		Kansas City Power and Light	Iatan	MO	14,000	8,777	0.31	5.40	62.20	\$10.92
S		Consumers Energy	J. C. Weadock	MI	91,500	8,711	0.36	5.72	101.23	\$17.64
S		Consumers Energy	J. H. Campbell	MI	208,000	8,752	0.32	5.36	101.02	\$17.68
S		Consumers Energy	J. R. Whiting	MI	183,000	8,752	0.32	5.47	106.17	\$18.58
S		Commonwealth Edison	Joliet	IL	513,000	8,787	0.43	5.32	106.10	\$18.65
S		Kansas City Power and Light	La Cygne	KS	14,000	8,740	0.33	5.40	79.20	\$13.84
S		Union Electric	Labadie	MO	341,000	8,820	0.33	5.00	90.92	\$16.04
S		St Joseph Light and Power	Lake Road	MO	14,500	8,696	0.27	5.10	81.93	\$14.25
S		Interstate Power	Lansing	IA	1,034,809	8,712	0.34	5.69	100.38	\$17.49
S		Interstate Power	M. L. Kapp	IA	228,683	8,721	0.33	5.65	101.87	\$17.77
S		Northern Indiana Public Service	Mitchell	IN	4,700	8,811	0.31	6.00	110.10	\$19.40
S		Northern Indiana Public Service	Mitchell	IN	91,800	8,808	0.33	5.41	105.41	\$18.57
S		Kansas City Power and Light	Montrose	MO	13,000	8,613	0.35	6.60	92.20	\$15.88
S		Central Illinois Public Service	Newton	IL	570,000	8,800	0.30	5.50	106.18	\$18.69
S		Omaha Public Power District	North Omaha	NE	12,700	8,852	0.31	4.80	70.30	\$12.45
S		IES Utilities, Inc	Ottumwa	IA	73,405	8,746	0.33	5.79	69.93	\$12.23
S		IES Utilities, Inc	Prairie Creek 1-4	IA	257,331	8,683	0.32	5.40	98.23	\$17.06
S	01-Dec-00	Wisconsin Public Service Corp	Pulliam	WI	17,000	8,785	0.29	5.30	106.30	\$18.68
S	01-Dec-99	Colorado Springs Utilities	R. D. Nixon	CO	41,700	8,670	0.32	5.56	77.11	\$13.37
S		Indiana Michigan Power (AEP)	Rockport	IN	141,200	8,717	0.39	5.59	71.19	\$12.41
S		Northern States Power	Sherburne County	MN	26,700	8,762	0.35	5.40	114.10	\$19.99
S		Rochester Dept Public Utilities	Silver Lake	MN	100	8,800	5.00	0.32	92.00	\$16.19
S		Union Electric	Sioux	MO	732,000	8,820	0.33	5.00	94.50	\$16.67
S		IES Utilities, Inc	Sutherland	IA	360,738	8,739	0.35	5.54	74.25	\$12.98
S		Southwestern Public Service	Tolk	TX	115,080	8,690	0.33	5.35	113.01	\$19.64
S		Commonwealth Edison	Waukegan	IL	45,000	8,757	0.33	5.50	122.73	\$21.49
S		Commonwealth Edison	Will County	IL	235,000	8,778	0.44	5.37	177.27	\$31.12
FERC SPOT DELIVERIES=					7,120,491	8,758	0.34	5.42	99.28	\$17.57
TOTAL FERC =					50,168,653	8,762	0.34	5.43	123.67	\$21.69

FERC captured 103.1% of 1999 total production.

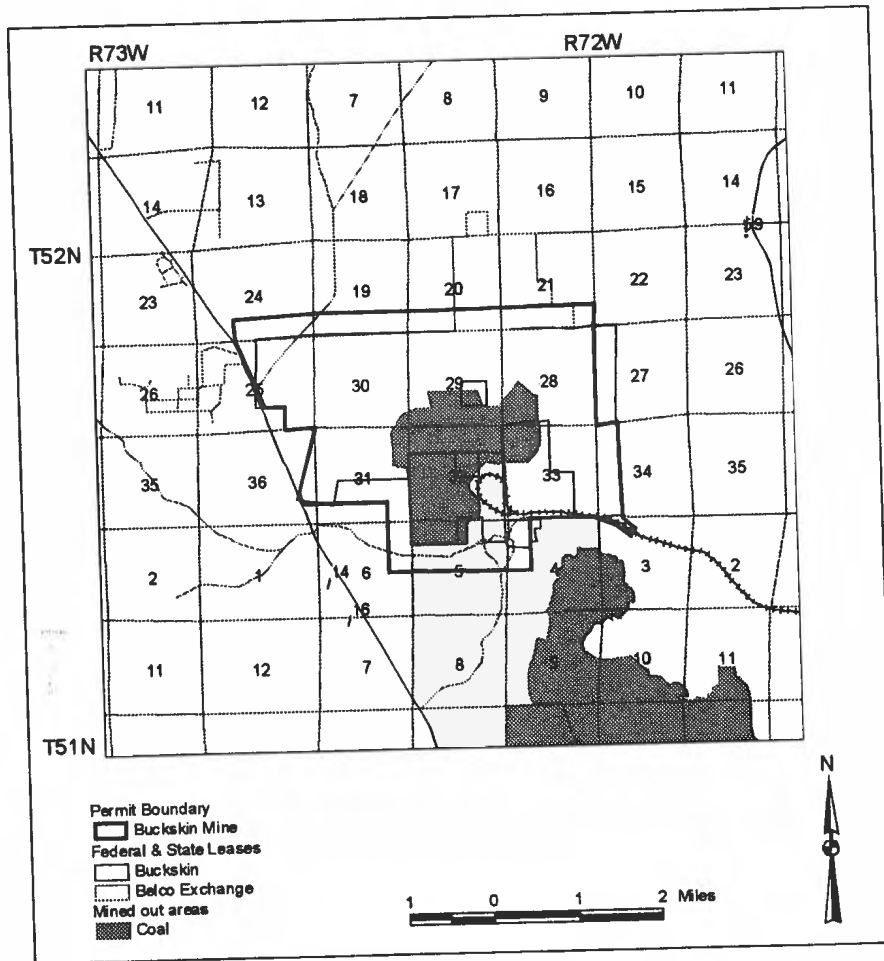
Buckskin

Operating Company: Triton Coal Company
Subsidiary of: Vulcan Coal Holding Company
Owned By: Vulcan Capital Management
Mailing Address:

Triton Coal Company
P.O. Box 3027
Gillette, WY 82717-3027
Telephone: (307) 682-9144
Fax: (307) 686-5445
URL:

Number of Employees in 1999: 145
Mine Type: Surface
Acres permitted: 5,426
1999 Coal Production: 15,587,569 short tons
2000 Air Quality Capacity Limit: 22.0 million short tons

MINE LOCATION



Coal Field: Powder River
County: Campbell
Rail Service: Unit train loadout served by Burlington Northern/Santa Fe.

2000 Directory of Coal Mines in Wyoming

Buckskin (cont.)

Geologic Information:

Overburden thickness: 20 to 215 feet (average thickness 140 feet).

Seams Mined: Roland (average thickness 40 feet).

Smith (average thickness 64 feet).

Coal Zone: Wyodak.

Member: Tongue River.

Formation: Fort Union.

Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: truck-shovel.

Coal Removal: truck-shovel.

Production History: (Start up year 1981 through end of 1999 in short tons)

1999	15,587,569	1992	9,121,349	1985	3,958,420
1998	17,290,730	1991	9,435,021	1984	3,515,426
1997	14,443,165	1990	7,695,009	1983	1,709,958
1996	11,951,798	1989	7,693,929	1982	1,406,343
1995	11,600,000	1988	7,174,718	1981	350,647
1994	10,955,839	1987	5,773,967		
1993	11,180,379	1986	3,996,492		

Total production through 1999: 154,840,759.

Recoverable Coal Reserves (million short tons)	
Original Lease:	440.0
Additions	100.0
Mined tonnage:	<u>154.8</u>
Remaining Reserves:	385.2

Estimated remaining life of mine: 20 years.

Remaining life of mine at current permit capacity: 18 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C		Cajun Electric Power Coop	Big Cajun No.2	LA	6,467,897	8,328	0.46	5.79	146.04	\$24.32
C		IES Utilities, Inc	Burlington	IA	55,858	8,364	0.45	5.38	76.60	\$12.81
NC	01-Dec-00	PacifiCorp	Dave Johnston	WY	30,000	8,447	0.45	5.30	41.90	\$7.08
C		Lower Colorado River Authority	Fayette	TX	53,000	8,473	0.43	5.39	91.02	\$15.42
C		Basin Electric Power Coop	Laramie River 1-3	WY	4,217,000	8,343	0.44	5.67	44.12	\$7.36
C	01-Dec-01	Muscatine Power and Water	Muscatine	IA	1,146,000	8,244	0.89	6.66	76.97	\$12.69
C		West Texas Utilities (CSW)	Oklauion	TX	1,802,474	8,365	0.48	5.47	147.47	\$24.67
FERC CONTRACT DELIVERIES=					13,772,229	8,331	0.49	5.78	108.55	\$18.09
S		IES Utilities, Inc	Burlington	IA	593,765	8,282	0.43	5.51	79.92	\$13.24
S		Wisconsin Power and Light	Columbia	WI	229,730	8,394	0.45	5.56	95.06	\$15.96
S	01-Dec-00	PacifiCorp	Dave Johnston	WY	150,000	8,300	0.35	5.41	72.67	\$12.06
S		Lower Colorado River Authority	Fayette	TX	268,000	8,365	0.44	5.58	90.29	\$15.11
S		Indiana Michigan Power (AEP)	Rockport	IN	13,300	8,280	0.20	6.30	96.90	\$16.05
FERC SPOT DELIVERIES=					1,254,795	8,322	0.42	5.53	84.22	\$14.02
TOTAL FERC =					15,027,024	8,331	0.49	5.76	106.52	\$17.75

FERC captured 96.4% of 1999 total production.

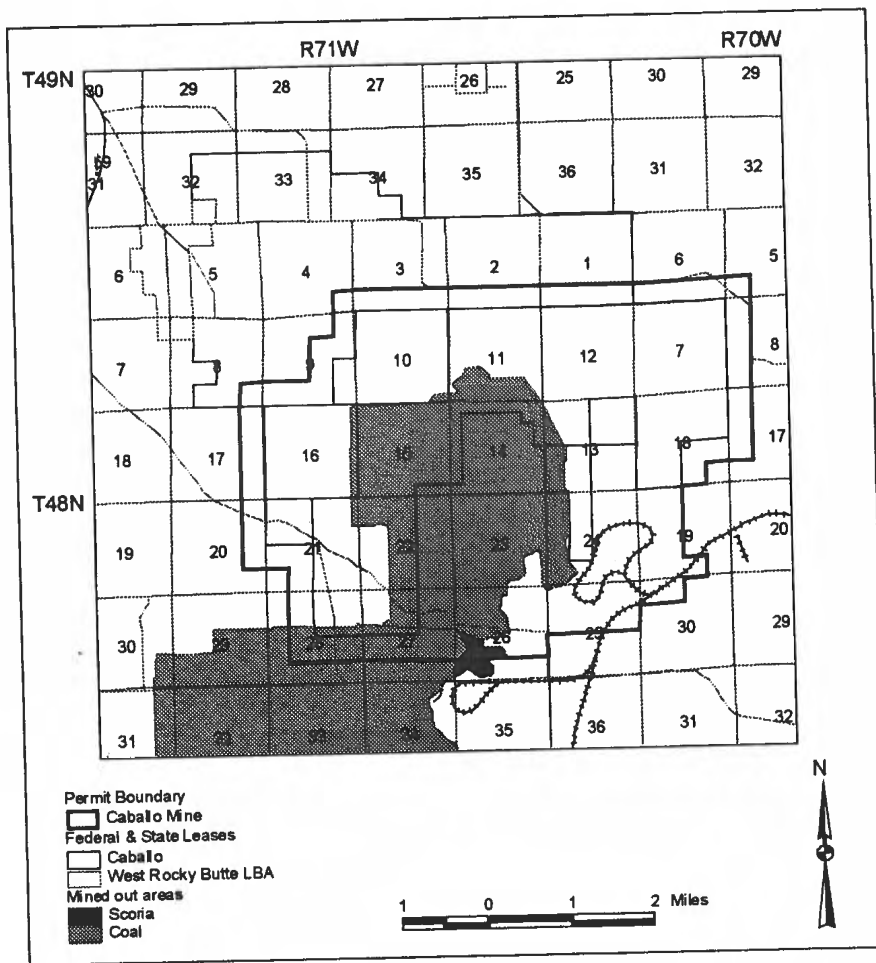
Caballo

Operating Company: Powder River Coal Company
 Subsidiary of: Peabody Coal Company
 Owned By: Lehman Brothers Merchant Banking Group
 Mailing Address:

Caballo Coal Company
 Caller Box 3041
 Gillette, WY 82717-3041
 Telephone: (307) 686-1991
 Fax: (307) 682-2218
 URL: <http://www.peabodygroup.com/group/coalop/powder.html> or
<http://my.uprr.com/pub/energy/coal/sprb/caballo2.shtml>

Number of Employees in 1999: 305
 Mine Type: Surface
 Acres permitted: 12,093
 1999 Coal Production: 26,468,718 short tons
 2000 Air Quality Capacity Limit: 35.0 million short tons

MINE LOCATION



Coal Field: Powder River
 County: Campbell
 Rail Service: Unit train loadout served by Burlington Northern/Santa Fe and Union Pacific/Southern Pacific Railroads.

2000 Directory of Coal Mines in Wyoming

Caballo (cont.)

Geologic Information:

Overburden thickness: 40 to 280 feet (average thickness 180 feet).

Seams Mined: Roland (average thickness 32 feet).

Anderson-Canyon (average thickness 70 feet).

Coal Zone: Wyodak.

Member: Tongue River.

Formation: Fort Union.

Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: truck-shovel.

Coal Removal: truck-shovel.

Production History: (Start up year 1978 through end of 1999 in short tons)

1999	26,468,718	1991	15,267,657	1983	6,706,928
1998	25,984,949	1990	14,312,971	1982	5,537,070
1997	19,946,861	1989	12,856,387	1981	3,523,611
1996	22,003,064	1988	12,779,942	1980	1,974,164
1995	18,357,087	1987	11,684,193	1979	1,272,969
1994	14,428,600	1986	7,272,741	1978	145,000
1993	15,418,125	1985	8,977,927		
1992	15,378,609	1984	8,164,752		

Total production through 1999: 268,462,325.

Recoverable Coal Reserves (million short tons)

Original Lease:	791.7	
Additions:	280.0	Acquisition of Rocky Butte Reserves (12/22/97)
Mined tonnage:	<u>268.5</u>	
Remaining Reserves:	803.2	

Estimated remaining life of mine: 26 years.

Remaining life of mine at current permit capacity: 23 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C	01-Dec-00	MidAmerican Energy	George Neal 1-4	IA	2,741,000	8,471	0.35	5.01	72.83	\$12.34
C	01-Jan-01	Texas Municipal Power Agency	Gibbons Creek	TX	126,641	8,437	0.31	5.62	119.40	\$20.15
C		Grand River Dam Authority	GRDA 1 & 2	OK	1,348,787	8,469	0.35	5.04	84.12	\$14.25
C		Entergy Arkansas, Inc	Independence	AR	83,600	8,463	0.34	5.24	153.51	\$25.98
C		Basin Electric Power Coop	Laramie River 1-3	WY	1,911,000	8,463	0.35	4.99	44.32	\$7.50
C		Wisconsin Electric Power	Pleasant Prairie	WI	2,518,000	8,465	0.35	5.08	72.09	\$12.20
C		Indiana Michigan Power (AEP)	Rockport	IN	2,114,100	8,468	0.35	4.95	101.93	\$17.26
C		Entergy Arkansas, Inc	White Bluff	AR	5,146,566	8,459	0.35	5.03	166.08	\$28.10
FERC CONTRACT DELIVERIES=					15,989,694	8,464	0.35	5.03	104.91	\$17.76
S		Wisconsin Power and Light	Columbia	WI	3,218,775	8,474	0.35	5.03	91.82	\$15.56
S		Lower Colorado River Authority	Fayette	TX	124,000	8,494	0.38	5.29	91.74	\$15.58
S		Kansas City Power and Light	Iatan	MO	118,000	8,450	0.35	4.93	57.66	\$9.74
S		Kansas City Power and Light	La Cygne	KS	2,867,000	8,458	0.35	5.05	63.46	\$10.73
S		IES Utilities, Inc	Praire Creek 1-4	IA	282,572	8,504	0.36	5.17	83.68	\$14.23
S		Union Electric	Rush Island	MO	409,000	8,550	0.30	4.50	85.59	\$14.64
S		IES Utilities, Inc	Sutherland	IA	13,526	8,484	0.32	4.69	71.50	\$12.13
FERC SPOT DELIVERIES=					7,032,873	8,473	0.35	5.02	78.96	\$13.38
TOTAL FERC =					23,022,567	8,467	0.35	5.02	96.98	\$16.42

FERC captured 87.0% of 1999 total production.

Coal Creek

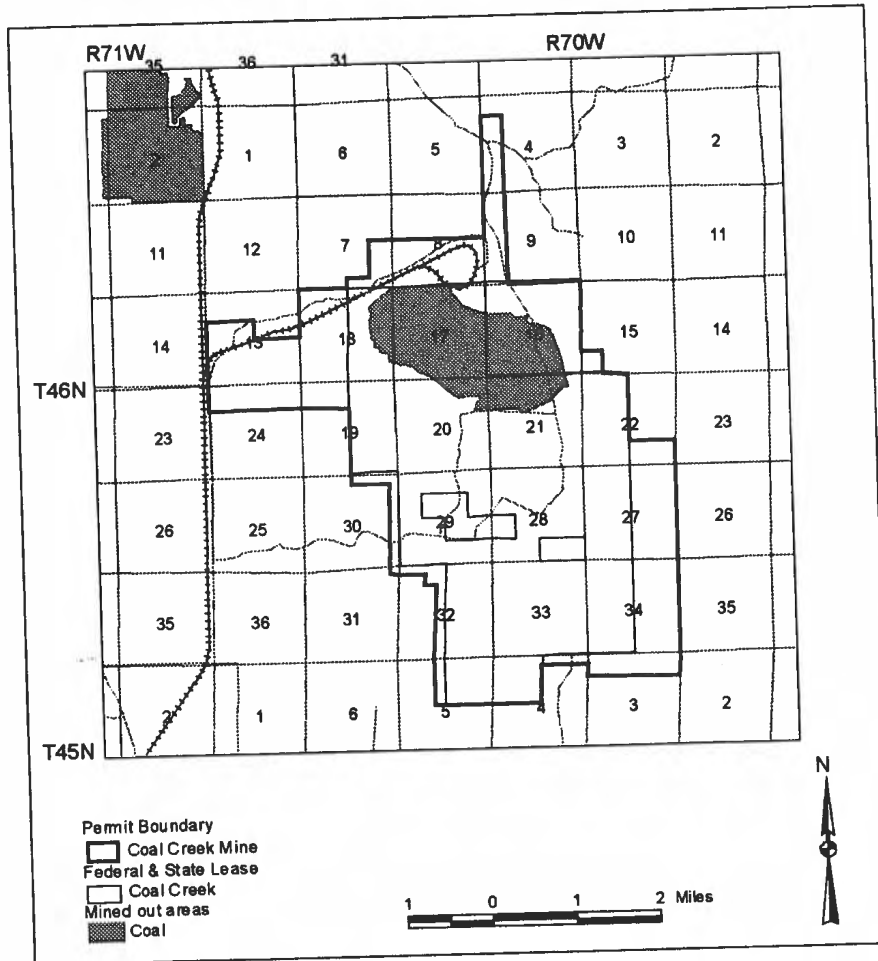
Operating Company: Morrison Knudsen Corporation*
Contractor Miner for: Arch Western Resources, LLC.
Owned By: Arch Coal, Inc.
Mailing Address:

Thunder Basin Coal Company LLC.
P.O. Box 406
Wright, WY 82732
Telephone: (307) 939-1300
Fax: (307) 464-2450
URL: <http://www.archcoal.com/ab/ab03a.html> or <http://my.uprr.com/pub/energy/coal/sprb/coalcree.shtml>

Number of Employees in 1999: 163
(159-Fuller Construction, 4-Thunder Basin Coal)
Mine Type: Surface
Acres permitted: 9,560
1999 Coal Production: 11,229,923 short tons
2000 Air Quality Capacity Limit: 18.0 million short tons

*Fuller Construction Company was the mine operator prior to 9/1/99.

MINE LOCATION



Coal Field: Powder River
County: Campbell
Rail Service: Unit train loadout served by Burlington Northern/Santa Fe and Union Pacific/Southern Pacific Railroads.

2000 Directory of Coal Mines in Wyoming

Coal Creek (cont.)

Geologic Information:

Overburden thickness: 10 to 175 feet (average thickness 75 feet).
 Seams Mined: Roland #1 (average thickness 23 feet).
 Roland #2 (average thickness 10 feet).
 Roland #3 (average thickness 10 feet).
 Roland #5 (average thickness 10 feet).
 Fort Union #1 (average thickness 10 feet).
 Anderson (average thickness 10 feet).

Coal Zone: Wyodak.
 Member: Tongue River.
 Formation: Fort Union.
 Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: dozer and scraper (contractor).
 Coal Removal: truck-shovel.

Production History: (Start up year 1982 through end of 1999 in short tons)

1999	11,229,923	1992	152,760	1985	2,608,592
1998	7,068,322	1991	151,165	1984	1,800,000
1997	2,921,242	1990	140,250	1983	1,877,056
1996	5,804,419	1989	139,116	1982	1,106,812
1995	4,199,587	1988	684,322		
1994	2,532,859	1987	2,362,059		
1993	110,488	1986	1,111,305		

Total production through 1999: 46,000,277.

Recoverable Coal Reserves (million short tons)

Original Lease:	301.9
Mined tonnage:	<u>46.0</u>
Remaining Reserves:	255.9

Estimated remaining life of mine: 18 years.

Remaining life of mine at current permit capacity: 14 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C	01-Dec-01	Otter Tail Power	Big Stone	SD	212,000	8,561	0.59	10.51	93.13	\$15.95
C	01-Dec-99	MidAmerican Energy	Council Bluffs	IA	440,000	8,301	0.34	5.50	58.60	\$9.73
C		Wisconsin Power and Light	Edgewater	WI	779,967	8,600	0.35	5.47	120.71	\$20.76
C	31-Dec-01	Lower Colorado River Authority	Fayette	TX	868,000	8,277	0.35	5.48	93.34	\$15.45
NC	01-Dec-00	MidAmerican Energy	George Neal 1-4	IA	579,000	8,305	0.34	5.42	72.73	\$12.08
C		Hastings Utilities	Hastings	NE	398,800	8,307	0.34	5.47	64.14	\$10.66
C	01-Dec-99	MidAmerican Energy	Louisa	IA	831,000	8,306	0.35	5.56	78.91	\$13.11
C		Texas Utilities Electric Co	Martin Lake	TX	127,000	8,326	0.39	5.09	122.70	\$20.43
C		Omaha Public Power District	Nebraska City	NE	2,469,100	8,310	0.34	5.89	54.71	\$9.09
C		Omaha Public Power District	North Omaha	NE	868,100	8,314	0.34	5.46	66.68	\$11.09
NC	01-Dec-00	Grand Island Utilities	Platte	NE	375,000	8,300	0.38	5.42	65.04	\$10.80
C		Wisconsin Electric Power	Pleasant Prairie	WI	751,000	8,303	0.35	5.51	74.17	\$12.32
C	01-Dec-03	MidAmerican Energy	Riverside	IA	199,000	8,359	0.32	5.16	84.75	\$14.17
NC		Entergy Arkansas, Inc	White Bluff	AR	56,900	8,391	0.35	5.43	117.34	\$19.69
FERC CONTRACT DELIVERIES=					8,954,867	8,338	0.35	5.70	74.39	\$12.43
S		Wisconsin Power and Light	Columbia	WI	83,485	8,326	0.31	5.39	91.70	\$15.27
S		PacifiCorp	Dave Johnston	WY	15,000	8,352	0.34	5.80	43.30	\$7.23
S		Wisconsin Power and Light	Edgewater	WI	13,200	8,332	0.32	5.67	102.60	\$17.10
S		Lower Colorado River Authority	Fayette	TX	23,100	8,266	0.35	5.56	93.66	\$15.48
S		Kansas City Power and Light	La Cygne	KS	85,000	8,285	0.35	5.49	66.45	\$11.01
S		Kansas City Power and Light	Montrose	MO	96,000	8,299	0.35	5.59	88.60	\$14.71
S		Omaha Public Power District	North Omaha	NE	22,400	8,291	0.33	5.30	66.00	\$10.94
S		IES Utilities, Inc	Ottumwa	IA	611,834	8,302	0.35	5.51	68.78	\$11.42
S		IES Utilities, Inc	Sutherland	IA	119,544	8,287	0.34	5.43	73.95	\$12.26
FERC SPOT DELIVERIES=					1,069,563	8,301	0.34	5.50	73.28	\$12.17
TOTAL FERC =					10,024,430	8,334	0.35	5.68	74.27	\$12.40

FERC captured 89.3% of 1999 total production.

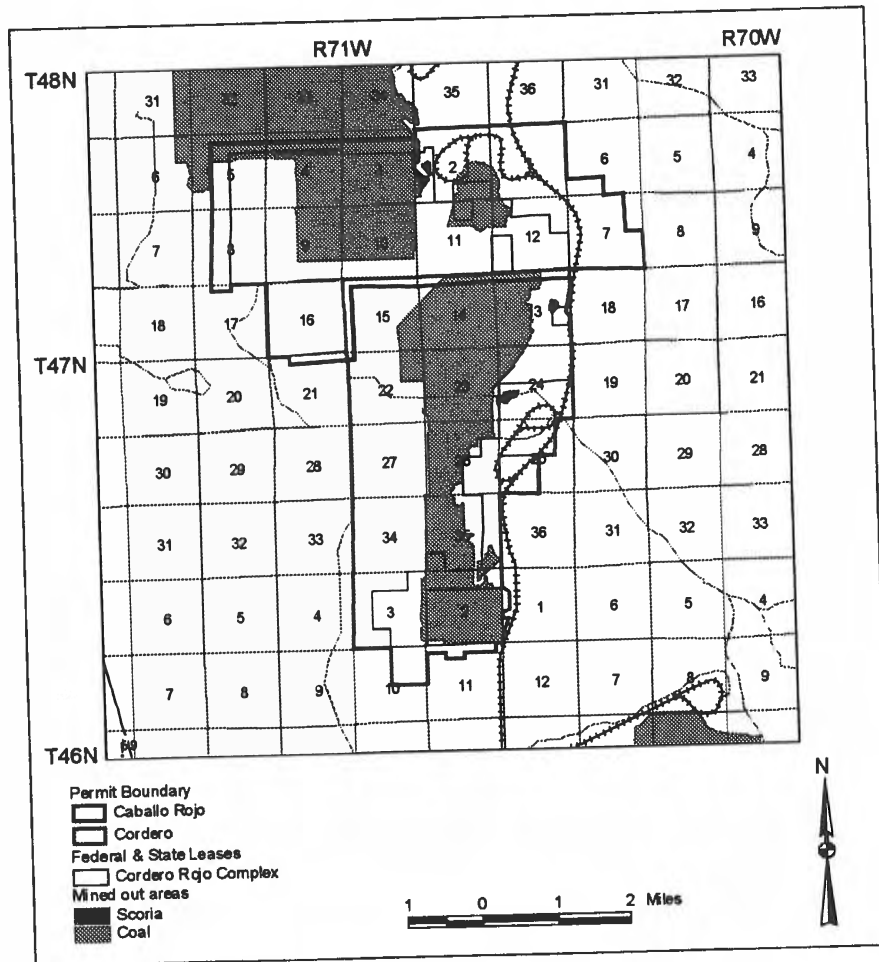
Cordero Rojo Complex

Operating Company: Cordero Mining Company
Subsidiary of: Kennecott Energy Company
Owned By: Rio Tinto, PLC.
Mailing Address:

Cordero Mining Company
P.O. Box 1449
Gillette, WY 82717-1449
Telephone: (307) 682-8005
Fax: (307) 686-5555
URL: <http://www.kenergy.com/cordero/cordero.html> or <http://my.uprr.com/pub/energy/coal/sprb/cabrojo.shtml>
or <http://my.uprr.com/pub/energy/coal/sprb/cordero.shtml>

Number of Employees in 1999: 404
Mine Type: Surface
Acres permitted: 15,823
1999 Coal Production: 45,674,755 short tons
2000 Air Quality Capacity Limit: 60.0 million short tons

MINE LOCATION



Coal Field: Powder River
County: Campbell
Rail Service: Unit train loadout served by Burlington Northern/Santa Fe and Union Pacific/Southern Pacific Railroads.

2000 Directory of Coal Mines in Wyoming

Cordero Rojo Complex (cont.)

Geologic Information:

Overburden thickness: 15 to 310 feet (average thickness 84 feet).

Seams Mined: Roland (average thickness 32 feet).

Anderson (average thickness 65 feet).

Coal Zone: Wyodak.

Member: Tongue River.

Formation: Fort Union.

Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: dragline and truck-shovel.

Coal Removal: truck-shovel.

Production History: (Start of combined reporting year 1997 through end of 1999 in short tons for Cordero Rojo)

1999	45,674,755	1998	36,979,025	1997	28,062,574
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Total production through 1999 for Cordero Rojo: 110,716,354.

Production History: (Start up year 1982 through end of 1996 in short tons for Caballo Rojo)

1996	15,082,891	1991	9,383,108	1986	3,989,622
1995	16,809,540	1990	8,566,831	1985	4,221,574
1994	16,611,485	1989	8,368,787	1984	3,446,221
1993	8,023,000	1988	7,126,693	1983	1,440,000
1992	7,598,978	1987	6,489,799	1982	47,063

Total production through 1996 for Caballo Rojo: 117,205,592.

Production History: (Start up year 1976 through end of 1996 in short tons for Cordero)

1996	13,071,242	1989	12,602,336	1982	7,719,367
1995	14,607,000	1988	13,541,225	1981	8,312,578
1994	16,413,646	1987	11,943,375	1980	6,562,802
1993	12,988,628	1986	11,314,275	1979	3,832,800
1992	13,308,010	1985	10,085,299	1978	2,886,593
1991	13,703,094	1984	10,391,218	1977	2,138,884
1990	12,922,653	1983	10,024,803	1976	10,338

Total production through 1996 for Cordero: 208,380,166.

Total production through 1999 for Cordero Rojo Complex: 436,302,112.

Recoverable Coal Reserves (million short tons)

Original Leases: 1,003.7 Caballo Rojo and Cordero mines combined

Mined tonnage: 436.3

Remaining Reserves: 567.4

Estimated remaining life of mine: 12 years.

Remaining life of mine at current permit capacity: 9 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C	01-Dec-01	Otter Tail Power	Big Stone	SD	77,000	8,363	0.33	5.80	97.40	\$16.29
C		MidAmerican Energy	Council Bluffs	IA	201,000	8,377	0.34	6.05	75.88	\$12.71
C		City Public Service-San Antonio	Deely & Spruce	TX	6,568,000	8,457	0.33	5.73	96.31	\$16.29
C	01-Dec-99	Lower Colorado River Authority	Fayette	TX	1,386,000	8,428	0.32	5.62	92.32	\$15.56
C	01-Dec-99	MidAmerican Energy	George Neal 1-4	IA	1,417,000	8,440	0.32	5.62	71.07	\$12.00
C	01-Jan-01	Texas Municipal Power Agency	Gibbons Creek	TX	1,792,795	8,428	0.33	5.62	120.24	\$20.27
C		Grand River Dam Authority	GRDA 1 & 2	OK	2,009,081	8,413	0.32	5.68	84.95	\$14.29

2000 Directory of Coal Mines in Wyoming

Cordero Rojo Complex (cont.)

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	\$/mmBtu	\$/ton	
C		Sunflower Electric Power Corp	Holcomb Unit #1	KS	1,527,978	8,468	0.31	5.38	108.33	\$18.01	
C		Entergy Arkansas, Inc	Independence	AR	1,096,000	8,393	0.33	5.79	125.72	\$21.10	
C		Electric Energy	Joppa	IL	188,900	8,454	0.30	5.31	82.72	\$13.99	
C		MidAmerican Energy	Louisa	IA	1,230,000	8,390	0.33	5.91	94.03	\$15.78	
C	01-Dec-99	Northern Indiana Public Service	Mitchell	IN	12,500	8,377	0.31	5.30	114.60	\$19.20	
C		Texas Utilities Electric Co	Monticello	TX	1,967,000	8,372	0.32	5.55	106.54	\$17.84	
C	31-Dec-99	Oklahoma Gas and Electric	Muskogee	OK	2,049,137	8,424	0.31	5.65	81.16	\$13.67	
C		IES Utilities, Inc	Ottumwa	IA	1,431,715	8,396	0.33	5.83	102.76	\$17.28	
C		Wisconsin Electric Power	Pleasant Prairie	WI	2,434,000	8,470	0.31	5.43	73.00	\$12.37	
C		IES Utilities, Inc	Prairie Creek 1-4	IA	173,339	8,348	0.35	5.99	83.60	\$13.96	
C	01-Dec-99	MidAmerican Energy	Riverside	IA	253,000	8,494	0.32	5.11	85.89	\$14.59	
C	31-Dec-99	Oklahoma Gas and Electric	Sooner	OK	1,886,858	8,426	0.32	5.70	77.61	\$13.08	
C		Entergy Arkansas, Inc	White Bluff	AR	340,800	8,404	0.33	5.86	133.03	\$22.36	
C			Dave Johnston	WY	210,000	8,418	0.38	5.81	42.36	\$7.13	
NC	01-Dec-00	PacifiCorp									
					FERC CONTRACT DELIVERIES=	28,251,901	8,430	0.32	5.66	93.47	\$15.76
S		Otter Tail Power	Big Stone	SD	387,000	8,418	0.43	7.14	96.30	\$16.21	
S		Portland General Electric	Boardman	OR	1,013,000	8,415	0.32	5.55	108.49	\$18.26	
S	01-Dec-00	PacifiCorp	Dave Johnston	WY	248,000	8,458	0.36	5.27	42.10	\$7.12	
S		Lower Colorado River Authority	Fayette	TX	1,289,700	8,444	0.32	5.66	92.32	\$15.59	
S		MidAmerican Energy	George Neal 1-4	IA	49,000	8,521	0.32	5.19	68.82	\$11.73	
S		Kansas City Power and Light	Iatan	MO	30,000	8,474	0.36	5.00	55.35	\$9.38	
S		Kansas City Power and Light	La Cygne	KS	2,016,000	8,440	0.32	5.52	64.11	\$10.82	
S		Union Electric	Labadie	MO	807,000	8,426	0.33	5.39	87.92	\$14.82	
S		Omaha Public Power District	Nebraska City	NE	95,800	8,456	0.35	5.27	54.86	\$9.28	
S		Omaha Public Power District	North Omaha	NE	1,004,600	8,391	0.33	5.75	67.17	\$11.27	
S		West Texas Utilities (CSW)	Oklaunion	TX	785,407	8,454	0.33	5.34	101.10	\$17.09	
S		IES Utilities, Inc	Ottumwa	IA	988,679	8,390	0.34	5.91	73.19	\$12.28	
S		IES Utilities, Inc	Prairie Creek 1-4	IA	253,310	8,371	0.32	5.69	83.80	\$14.03	
S		Union Electric	Rush Island	MO	4,002,000	8,430	0.33	5.38	88.67	\$14.95	
S		Houston Lighting and Power	W. A. Parish	TX	61,700	8,331	0.34	5.96	114.60	\$19.09	
S		Houston Lighting and Power	W. A. Parish	TX	92,800	8,522	0.30	5.38	112.01	\$19.09	
S		Wisconsin Public Service Corp	Weston 3	WI	132,000	8,441	0.33	5.30	91.62	\$15.47	
S		Entergy Arkansas, Inc	White Bluff	AR	431,162	8,353	0.34	6.80	128.43	\$21.45	
					FERC SPOT DELIVERIES=	13,867,158	8,424	0.33	5.60	85.28	\$14.37
					TOTAL FERC =	41,919,059	8,413	0.32	5.63	90.62	\$15.27

FERC captured 91.8% of 1999 total production.

2000 Directory of Coal Mines in Wyoming

Dave Johnston

Operating Company: Glenrock Coal Company

Owned By: PacifiCorp

Mailing Address:

Glenrock Coal Company

1026 55 Ranch Road

Glenrock, WY 82637

Telephone: (307) 436-2746

Fax: (307) 436-8436

Number of Employees in 1999: 169

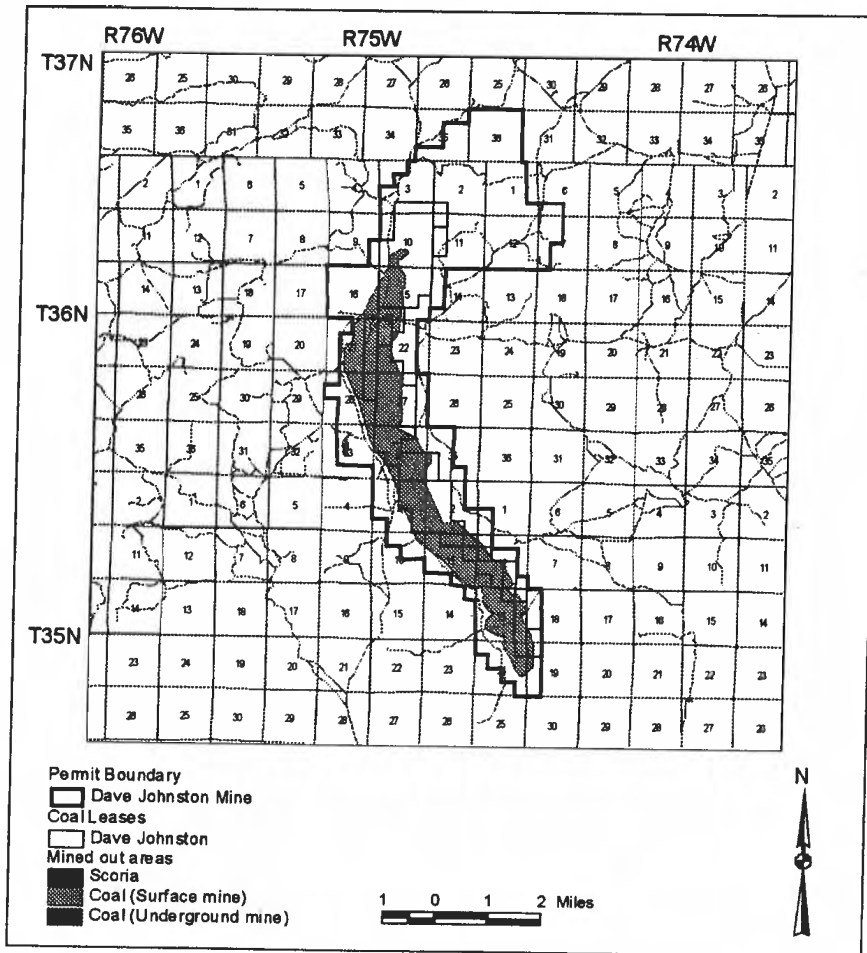
Mine Type: Surface

Acres permitted: 13,588

1999 Coal Production: 2,956,038 short tons

2000 Air Quality Capacity Limit: 4.4 million short tons

MINE LOCATION



Coal Field: Powder River

County: Converse

Rail Service: Unit train loadout served by Pacific Power & Light (private).

2000 Directory of Coal Mines in Wyoming

Dave Johnston (cont.)

Geologic Information:

Overburden thickness: 73 to 128 feet (average thickness 130 feet).
 Seams Mined: Badger (average thickness 17 feet).
 School (average thickness 32 feet).
 Formation: Wasatch.
 Age: Tertiary/Eocene.

Mining Method:

Overburden Removal: dragline and truck-shovel.
 Coal Removal: truck-shovel.

Production History: (Start up year 1958 through end of 1999 in short tons)

1999	2,956,038	1985	3,508,059	1971	1,730,058
1998	3,964,694	1984	3,338,677	1970	1,842,099
1997	4,180,407	1983	2,684,011	1969	1,498,664
1996	3,792,706	1982	3,351,065	1968	1,387,630
1995	3,268,961	1981	3,626,932	1967	1,412,186
1994	3,159,725	1980	3,803,932	1966	1,562,157
1993	2,902,306	1979	3,828,162	1965	1,248,692
1992	2,783,077	1978	3,358,899	1964	999,279
1991	2,776,349	1977	3,236,616	1963	1,022,430
1990	2,679,028	1976	2,714,326	1962	759,628
1989	2,575,184	1975	3,231,649	1961	821,437
1988	2,607,442	1974	2,687,045	1960	520,233
1987	2,546,808	1973	2,897,383	1959	465,492
1986	3,051,331	1972	2,620,350	1958	29,341

Total production through 1999: 103,430,488.

Recoverable Coal Reserves (million short tons)

Original Lease: 153.6
 Mined tonnage: 103.4
 Remaining Reserves: 50.2

Estimated remaining life of mine: 1 year.
 Remaining life of mine at current permit capacity: 11 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C		PacifiCorp	Dave Johnston	WY	2,939,000	7,843	0.47	9.09	46.97	\$7.37

FERC captured 99.4% of 1999 total production.

Dry Fork

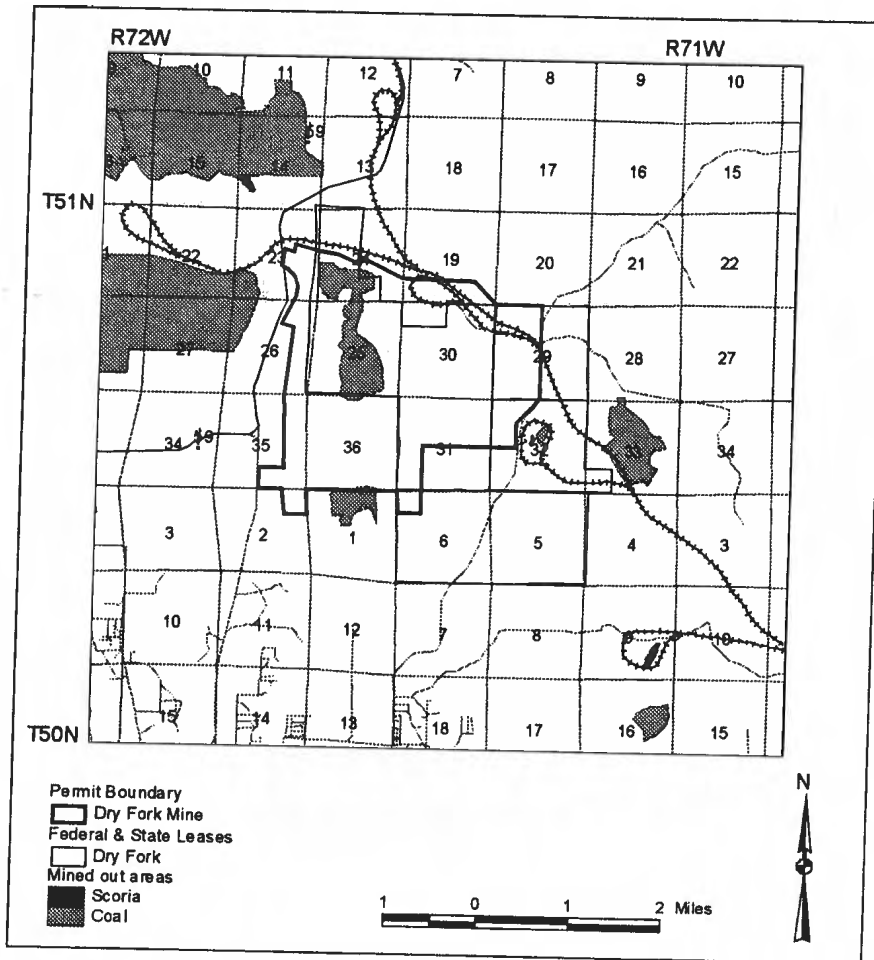
Operating Company: Dry Fork Coal Company
Owned By: Phillips/Western Fuels Association*
Mailing Address:

Dry Fork Coal Company
P.O. Box 1809
Gillette, WY 82717-1809
Telephone: (307) 682-0213
URL: <http://www.westernfuels.org>

Number of Employees in 1999: 9
Mine Type: Surface
Acres permitted: 3,798
1999 Coal Production: 1,219,590 short tons
2000 Air Quality Capacity Limit: 15.0 million short tons

*Note: Phillips Petroleum sold its 50% stake to joint owner Western Fuels Association on October 12, 2000

MINE LOCATION



Coal Field: Powder River

County: Campbell

Rail Service: Unit train loadout served by Burlington Northern/Santa Fe.

2000 Directory of Coal Mines in Wyoming

Dry Fork (cont.)

Geologic Information:

Overburden thickness: 10 to 210 feet (average thickness 95 feet).
 Seams Mined: Roland (average thickness 27 feet).
 Smith (average thickness 60 feet).
 Coal Zone: Wyodak.
 Member: Tongue River.
 Formation: Fort Union.
 Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: truck-shovel.
 Coal Removal: truck-shovel.

Production History: (Start up year 1990 through end of 1999 in short tons)

1999	1,219,590	1994	3,836,228
1998	1,030,718	1993	3,277,794
1997	918,224	1992	3,440,668
1996	2,945,662	1991	2,796,061
1995	3,603,453	1990	815,056

Total production through 1999: 23,883,454.

Recoverable Coal Reserves (million short tons)

Original Lease:	247.5	
Additions:	117.0	Acquired portion of Clovis Point reserves (1997)
Mined tonnage:	<u>23.9</u>	
Remaining Reserves:	340.6	

Estimated remaining life of mine: 35 years.
 Remaining life of mine at current permit capacity: 23 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C		Basin Electric Power Coop	Laramie River 1-3	WY	338,900	8,179	0.37	5.50	45.26	\$7.40
NC	01-Dec-00	PacifiCorp	Dave Johnston	WY	91,000	8,098	0.38	5.49	43.12	\$6.98
C		Kansas City Bd Public Utilities	Nearman Creek	KS	789,500	8,245	0.43	5.28	67.14	\$11.07
					<u>1,219,400</u>	<u>8,216</u>	<u>0.41</u>	<u>5.36</u>	<u>59.27</u>	<u>\$9.75</u>

FERC captured 100.0% of 1999 total production.

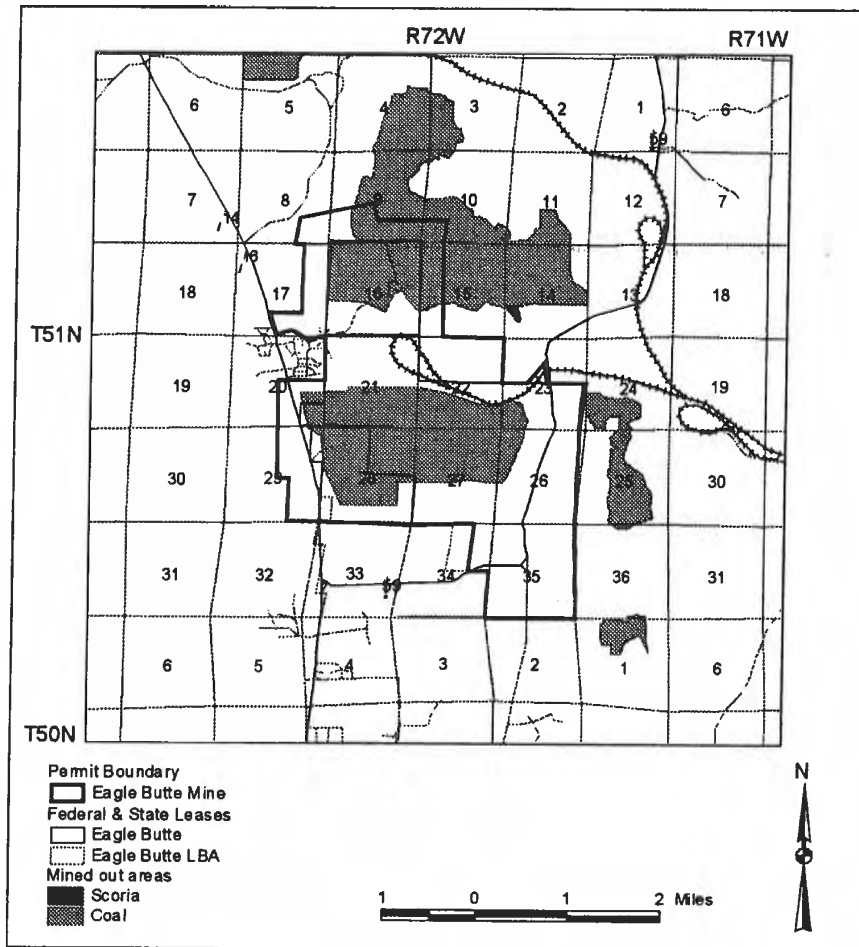
Eagle Butte

Operating Company: RAG Coal West, Inc.
Owned By: RAG International Mining GmbH.
Mailing Address:

RAG Coal West, Inc.
P.O. Box 3040
Gillette, WY 82717-3040
Telephone: (307) 687-3300
Fax: (307) 687-3370
URL: <http://www.rag-coalinter.de/profil/eprofil101.htm>

Number of Employees in 1999: 186
Mine Type: Surface
Acres permitted: 5,717
1999 Coal Production: 17,416,240 short tons
2000 Air Quality Capacity Limit: 35.0 million short tons

MINE LOCATION



Coal Field: Powder River
County: Campbell
Rail Service: Unit train loadout served by Burlington Northern/Santa Fe.

2000 Directory of Coal Mines in Wyoming

Eagle Butte (cont.)

Geologic Information:

Overburden thickness: 20 to 325 feet (average thickness 200 feet).
 Seams Mined: Roland (average thickness 35 feet).
 Smith (average thickness 88 feet).
 Coal Zone: Wyodak.
 Member: Tongue River.
 Formation: Fort Union.
 Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: truck-shovel.
 Coal Removal: truck-shovel.

Production History: (Start up year 1978 through end of 1999 in short tons)

1999	17,416,240	1991	13,924,000	1983	11,030,800
1998	18,074,546	1990	15,396,412	1982	9,055,800
1997	17,921,000	1989	13,567,000	1981	8,144,997
1996	15,642,744	1988	12,915,476	1980	8,440,000
1995	16,942,000	1987	12,977,000	1979	3,732,660
1994	17,161,000	1986	12,000,278	1978	250,000
1993	16,700,000	1985	11,808,014		
1992	13,669,205	1984	13,399,363		

Total production through 1999: 280,168,535.

Recoverable Coal Reserves (million short tons)

Original Lease:	646.9	
Additions:	166.4	Eagle Butte Lease By Application (4/5/95)
Mined tonnage:	<u>280.2</u>	
Remaining Reserves:	533.1	

Estimated remaining life of mine: 27 years.
 Remaining life of mine at current permit capacity: 15 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C	01-Dec-99	MidAmerican Energy	Council Bluffs	IA	2,340,000	8,373	0.36	4.83	63.86	\$10.69
C		KP&L, A Western Resources Co	Jeffrey	KS	8,889,000	8,380	0.35	4.78	110.64	\$18.54
C	01-Dec-99	MidAmerican Energy	Louisa	IA	643,000	8,367	0.35	4.70	80.80	\$13.52
C		Public Service Co of Colorado	Pawnee	CO	2,372,400	8,367	0.34	4.73	96.12	\$16.08
C		Southwestern Electric Power(CSW)	Welsh Station	TX	3,958,000	8,433	0.34	4.70	161.23	\$27.19
FERC CONTRACT DELIVERIES=					18,202,400	8,388	0.35	4.76	112.68	\$18.92
S		Southwestern Electric Power(CSW)	Welsh Station	TX	1,117,000	8,433	0.34	4.69	133.73	\$22.55
TOTAL FERC =					19,319,400	8,391	0.35	4.76	113.90	\$19.13

FERC captured 108.0% of 1999 total company production (see also Belle Ayr).

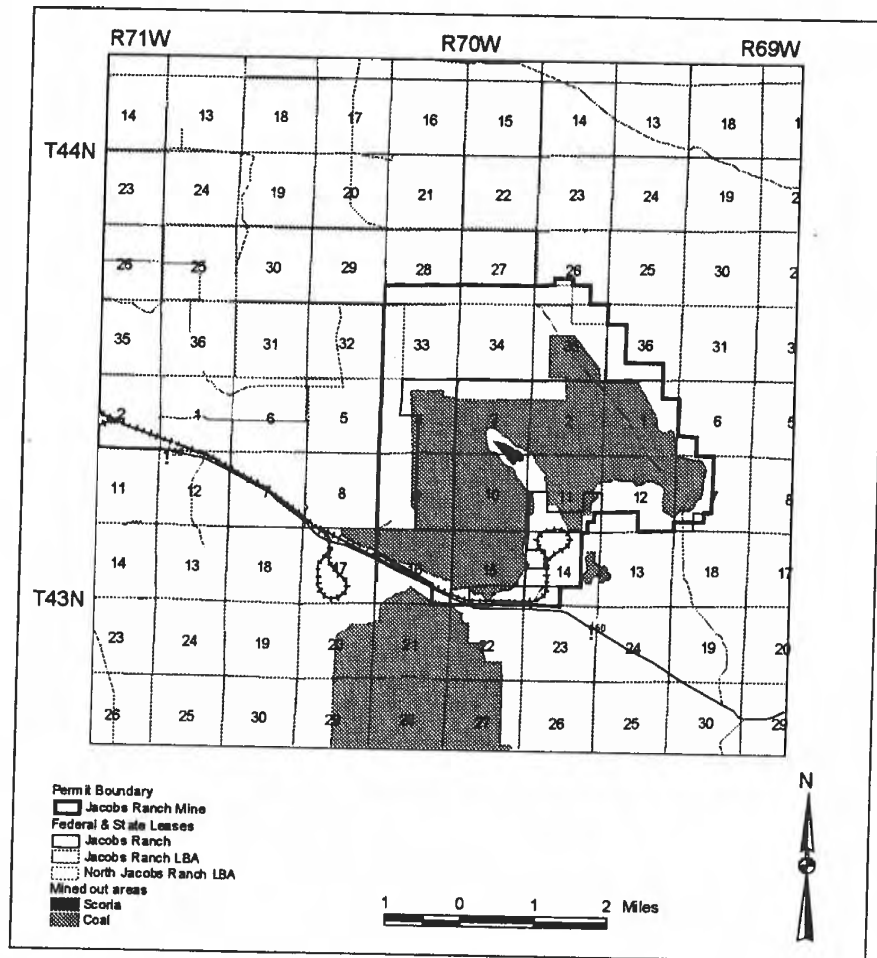
Jacobs Ranch

Operating Company: Jacobs Ranch Coal Company
 Subsidiary of: Kennecott Energy Company
 Owned By: Rio Tinto, PLC
 Mailing Address:

Jacobs Ranch Coal Company
 Caller Box 3013
 Gillette, WY 82717-3013
 Telephone: (307) 682-0002
 Fax: (307) 682-6579
 URL: <http://www.kenergy.com/kennecott.html> or <http://my.uprr.com/pub/energy/coal/sprb/jacobs.shtml>

Number of Employees in 1999: 355
 Mine Type: Surface
 Acres permitted: 9,198
 1999 Coal Production: 29,081,030 short tons
 2000 Air Quality Capacity Limit: 50.0 million short tons

MINE LOCATION



Coal Field: Powder River

County: Campbell

Rail Service: Unit train loadout served by Burlington Northern/Santa Fe and Union Pacific/Southern Pacific Railroads.

2000 Directory of Coal Mines in Wyoming

Jacobs Ranch (cont.)

Geologic Information:

Overburden thickness: 20 to 175 feet (average thickness 84 feet).

Seams Mined: Wyodak A (average thickness 8 feet).

Wyodak B (average thickness 42 feet).

Wyodak C (average thickness 5 feet).

Coal Zone: Wyodak.

Member: Tongue River.

Formation: Fort Union.

Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: truck-shovel.

Coal Removal: truck-shovel.

Production History: (Start up year 1978 through end of 1999 in short tons)

1999	29,081,030	1991	17,743,542	1983	11,847,552
1998	29,078,333	1990	16,724,780	1982	10,495,719
1997	27,112,931	1989	14,662,159	1981	8,722,262
1996	24,522,960	1988	14,532,789	1980	8,246,072
1995	24,645,109	1987	11,158,874	1979	4,681,245
1994	20,550,847	1986	12,050,711	1978	1,797,520
1993	18,387,422	1985	12,967,996		
1992	16,444,206	1984	14,366,752		

Total production through 1999: 349,820,811.

Recoverable Coal Reserves (million short tons)

Original Lease:	488.5	
Additions:	123.0	Jacobs Ranch Lease By Application (9/26/91)
	35.0	Thunder Cloud LBA reserves from Arch (3/29/99)
Mined tonnage:	<u>349.8</u>	
Remaining Reserves:	296.7	
Pending Reserves:	<u>519.0</u>	North Jacobs Ranch Lease By Application
Total Reserves:	815.7	

Estimated remaining life of mine: 25 years.

Remaining life of mine at current permit capacity: 16 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton	
S		Arizona Electric Power Coop Inc	Apache	AZ	11300	8763	0.6	5.8	148.7	11.786	
S		Toledo Edison	Bay Shore	OH	13,500	8,522	0.47	5.90	161.10	\$27.46	
C		Cajun Electric Power Coop	Big Cajun No.2		179,806	8,691	0.40	5.39	152.66	\$26.54	
C		Tennessee Valley Authority	Cora Terminal	IL	12,480	8,700	0.35	5.69	96.78	\$16.84	
C	01-Dec-00	City Public Service-San Antonio	Deely & Spruce	TX	294,000	8,662	0.43	5.48	97.92	\$16.96	
C	31-Dec-99	Lower Colorado River Authority	Fayette	TX	153,000	8,701	0.45	5.34	90.60	\$15.77	
C		Tennessee Valley Authority	GRT Terminal	KY	647,020	8,673	0.38	5.37	96.04	\$16.66	
C		Consumers Energy	J. H. Campbell	MI	12,700	8,647	0.44	6.20	100.80	\$17.43	
C	31-Dec-01	Alabama Power (Southern Co)	James H. Miller Jr	AL	2,808,597	8,698	0.42	5.54	118.89	\$20.68	
C	01-Dec-99	Commonwealth Edison	Joliet	IL	191,000	8,725	0.50	5.67	213.31	\$37.22	
C	01-Dec-99	Union Electric	Labadie	MO	14,000	8,650	0.52	5.70	90.30	\$15.62	
C		Northern Indiana Public Service	Michigan City	IN	60,200	8,649	0.44	3.39	97.80	\$16.92	
C	01-Dec-99	Commonwealth Edison	Powerton	IL	1,757,000	8,700	0.47	5.69	150.05	\$26.11	
C		Central Louisiana Electric	Rodemacher	LA	1,947,000	8,611	0.70	7.70	137.88	\$23.75	
C		Northern Indiana Public Service	Rollin Schahfer	IN	1,516,270	8,660	0.43	5.54	106.38	\$18.42	
C		Energy Gulf States, Inc	Roy S. Nelson	LA	2,342,700	8,629	0.45	5.80	129.63	\$22.37	
C		Reliant Energy HP&L	W. A. Parish	TX	10,776,200	8,626	0.40	5.20	172.89	\$29.83	
C	01-Dec-99	Mississippi Power (Southern Co)	Watson	MS	201,420	8,685	0.42	5.46	136.02	\$23.63	
C	01-Dec-99	Commonwealth Edison	Waukegan	IL	989,000	8,701	0.49	5.70	187.71	\$32.66	
C	01-Dec-99	Commonwealth Edison	Will County	IL	777,000	8,697	0.48	5.65	179.26	\$31.18	
					FERC CONTRACT DELIVERIES=	24,704,193	8,650	0.44	5.60	151.10	\$26.13

2000 Directory of Coal Mines in Wyoming

Jacobs Ranch (cont.)

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
S		Indiana-Kentucky Electric Corp	Clifty Creek	IN	56,000	9,032	0.49	5.27	91.21	\$16.48
S		Southwestern Electric Power(CSW)	Flint Creek	TX	242,000	8,457	0.24	5.35	90.70	\$15.34
S		Tennessee Valley Authority	GRT Terminal	KY	56,120	8,700	0.35	5.69	96.95	\$16.87
S		Consumers Energy	J. C. Weadock	MI	13,100	8,589	0.45	5.90	96.50	\$16.58
S		Consumers Energy	J. H. Campbell	MI	52,700	8,620	0.43	5.60	96.45	\$16.63
S		Consumers Energy	J. R. Whiting	MI	26,600	8,709	0.55	5.45	101.65	\$17.70
S		Alabama Power (Southern Co)	James H. Miller Jr	AL	2,644,783	8,665	0.42	5.56	97.84	\$16.96
S		Commonwealth Edison	Joliet	IL	88,000	8,548	0.48	5.59	123.49	\$21.11
S		Southern Illinois Power Coop	Marion	IL	5,000	8,580	0.54	8.64	108.20	\$18.57
S		Northern Indiana Public Service	Mitchell	IN	300	8,672	0.39	5.40	126.00	\$21.85
S		Detroit Edison	Monroe	MI	14,000	8,705	0.35	5.20	88.30	\$15.37
S		West Texas Utilities (CSW)	Oklaunion	TX	64,210	8,656	0.47	5.76	100.48	\$17.40
S		Commonwealth Edison	Powerton	IL	829,000	8,659	0.47	5.71	108.32	\$18.76
S		Georgia Power (Southern Co)	Scherer	GA	3,420,900	8,677	0.43	5.54	151.33	\$26.26
S		Northern States Power	Sherburne County	MN	497,300	8,677	0.43	5.54	111.42	\$19.34
S		Tampa Electric	Transfer Facility	FL	13,916	8,740	0.34	4.70	120.90	\$21.13
S		Houston Lighting and Power	W. A. Parish	TX	190,700	8,677	0.44	5.40	108.90	\$18.90
S		Commonwealth Edison	Waukegan	IL	337,000	8,663	0.49	5.70	112.88	\$19.56
S		Southwestern Electric Power(CSW)	Welsh Station	TX	62,000	8,634	0.29	4.84	172.82	\$29.84
S		Commonwealth Edison	Will County	IL	491,000	8,661	0.47	5.71	100.75	\$17.45
FERC SPOT DELIVERIES=					9,886,629	8,658	0.43	5.57	120.28	\$20.83
TOTAL FERC =					34,590,822	8,652	0.44	5.59	142.29	\$24.61

FERC captured 118.9% of 1999 total production.

2000 Directory of Coal Mines in Wyoming

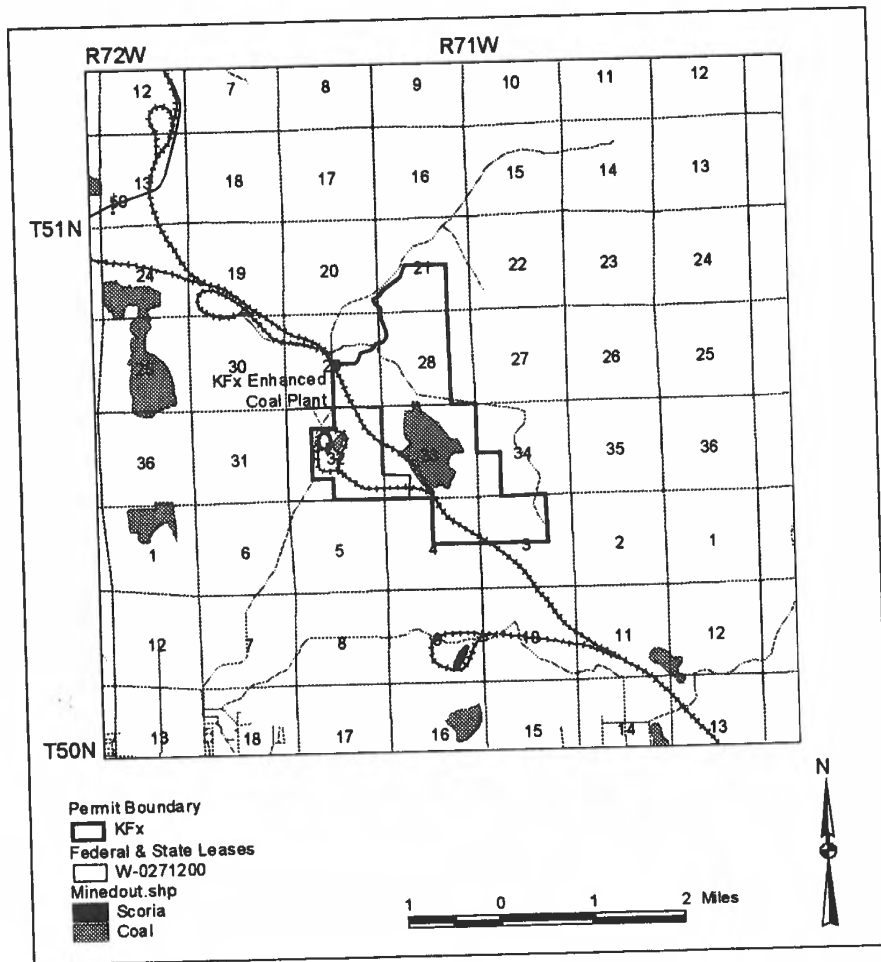
KFx

Operating Company: KFx Fuel Partners L.D.
Owned By: Kenecott Energy/KFx Fuels, Inc.
Mailing Address:

KFx Fuel Partners L.D.
P.O. Box 2049
Gillette, WY 82717-2049
Telephone: (307) 687-0903
Fax: (307) 687-2009
URL: <http://www.kfx.com>

Number of Employees in 1999: 3
Mine Type: Surface
Acres permitted: 2,327
1999 Coal Production: 33,028 short tons
2000 Air Quality Capacity Limit: 1.1 million short tons

MINE LOCATION



Coal Field: Powder River
County: Campbell
Rail Service: Unit train loadout served by Burlington Northern/Santa Fe.

2000 Directory of Coal Mines in Wyoming

KFx (cont.)

Geologic Information:

Overburden thickness: 20 to 120 feet (average thickness 80 feet).
 Seams Mined: Roland (average thickness 27 feet).
 Smith (average thickness 55 feet).
 Coal Zone: Wyodak.
 Member: Tongue River.
 Formation: Fort Union.
 Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: truck-shovel.
 Coal Removal: truck-shovel and overland conveyor.

Plant: coal captive to KFx coal upgrade fuel plant. Quality estimate follows.

Capacity: 500,000 tons/year.
 Fixed Carbon: 41.01%
 Btu/lb: 11,703
 % Sulfur: 0.36
 % Ash: 6.98

Production History: (Start up year 1996 through end of 1999 in short tons)

1999	33,028
1998	48,945
1997	9,788

Total production through 1999: 91,761. Note: before 1997 mine lease held by Fort Union.

Production History: (Start up year 1979 through end of 1996 in short tons for the Fort Union mine)

1996	1,004,887	1990	38,528	1984	298,119
1995	450	1989	42,092	1983	302,032
1994	84,122	1988	508,263	1982	206,650
1993	58,131	1987	394,004	1981	34,887
1992	24,930	1986	219,313	1980	22,046
1991	28,913	1985	532,716	1979	7,737

Total production through 1996: 3,807,820 (Fort Union Mine).

Recoverable Coal Reserves (million short tons)

Original Lease:	205.0	
Mined tonnage:	<u>4.5</u>	Note: includes tonnage mined by Fort Union.
Remaining Reserves:	200.5	Note: includes reserves currently mined by Fort Union.

Estimated remaining life of mine: 20 years.

Remaining life of mine at current permit capacity: 21 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
S		Indiana-Kentucky Electric Corp	Clifty Creek	IN	12,000	11,567	0.39	7.30	130.90	\$30.28

FERC captured 36.3% of 1999 total production.

North Antelope/Rochelle Complex

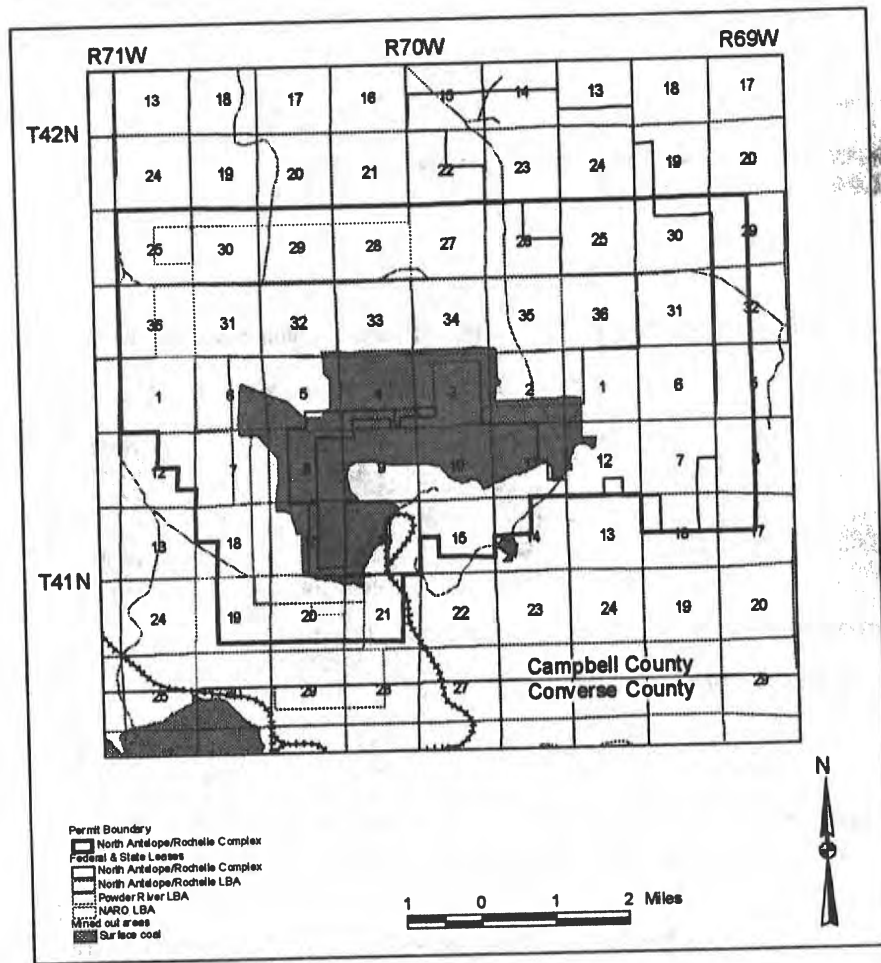
Operating Company: Powder River Coal Company
 Subsidiary of: Peabody Coal Company
 Owned By: Lehman Brothers Merchant Banking Group
 Mailing Address:

Powder River Coal Company
 Caller Box 3035
 Gillette, WY 82717-3035
 Telephone: (307) 464-0054
 Fax: (307) 464-4665

Number of Employees in 1999: 650
 Mine Type: Surface
 Acres permitted: 25,200
 1999 Coal Production: 68,865,691 short tons
 2000 Air Quality Capacity Limit: 75.0 million short tons

URL: <http://www.peabodygroup.com/PRCC/Default.htm> or
http://my.uprr.com/pub/energy/coal/sprb/n_antelo.shtml

MINE LOCATION



Coal Field: Powder River
 County: Campbell

Rail Service: Unit train loadout served by Burlington Northern/Santa Fe and Union Pacific/Southern Pacific Railroads.

2000 Directory of Coal Mines in Wyoming

North Antelope/Rochelle Complex (cont.)

Geologic Information:

Overburden thickness: 40 to 280 feet (average thickness 130-150 feet).
 Seams Mined: Wyodak-Anderson (average thickness 70-73 feet).
 Coal Zone: Wyodak.
 Member: Tongue River.
 Formation: Fort Union.
 Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: dragline and truck-shovel.
 Coal Removal: truck-shovel.

Production History: (Start of combined reporting April, 1998 through end of 1999 in short tons for North Antelope/Rochelle)

1999	68,865,691	1998	49,139,422
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Total production through 1999 for North Antelope/Rochelle: 118,005,113.

Production History: (Start up year 1985 through end of March, 1998 in short tons for North Antelope)

1998	8,866,044	1992	10,149,243	1986	5,689,608
1997	34,978,455	1991	9,648,953	1985	5,720,425
1996	28,623,177	1990	8,242,231	1984	3,000,000
1995	21,248,991	1989	6,909,325	1983	64,248
1994	14,147,809	1988	6,088,207		
1993	11,761,704	1987	5,337,503		

Total production through 1998 for North Antelope: 180,475,923

Production History: (Start up year 1985 through end of March, 1998 in short tons for Rochelle)

1998	6,634,466	1993	21,814,217	1988	8,694,125
1997	24,940,431	1992	17,050,965	1987	6,436,359
1996	26,248,241	1991	12,635,888	1986	3,571,177
1995	26,035,555	1990	12,030,237	1985	206,565
1994	22,677,048	1989	10,892,567		

Total production through 1998 for Rochelle: 199,867,841.

Total production through 1999 for North Antelope/Rochelle Complex: 498,348,877

Recoverable Coal Reserves (million short tons)

Original Lease:	423.8	North Antelope Lease
	552.5	Rochelle Lease
Additions:	403.5	North Antelope & Rochelle Lease By Application (9/28/92)
	532.0	Powder River Lease By Application (7/3/98)
Mined tonnage:	498.3	
Remaining Reserves:	1,413.5	
Pending Reserves	564.0	NARO Lease By Application
Total Reserves	1,977.5	

Estimated remaining life of mine: 28 years.

Remaining life of mine at current permit capacity: 26 years.

2000 Directory of Coal Mines in Wyoming

North Antelope/Rochelle Complex (cont.)

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	\$/mmBtu	\$/ton
C	01-Dec-99	Dairyland Power Coop	Alma	WI	1,392,800	8,841	0.19	4.45	99.33	\$17.80
C		Ames, City of	Ames	IA	222,000	8,887	0.18	4.38	141.29	\$12.58
C		Empire Dist Electric	Aabury	MO	674,408	8,795	0.19	4.49	98.37	\$17.70
C		Illinois Power	Baldwin	IL	121,955	8,864	0.19	4.44	98.23	\$17.06
C	01-Dec-00	Northern States Power	Black Dog	MN	815,800	8,876	0.18	4.40	99.13	\$17.60
C		Indiana-Kentucky Electric Corp	Clifty Creek	IN	1,270,000	8,905	0.18	4.24	98.75	\$17.59
C	01-Dec-99	Montana Power	Corette	MT	462,000	8,812	0.20	4.47	60.87	\$10.73
C	01-Dec-99	Dairyland Power Coop	Genoa No.3	WI	398,800	8,827	0.19	4.47	119.75	\$21.14
C		Nebraska Public Power District	Gerald Gentleman	NE	1,240,951	8,730	0.20	4.58	49.01	\$8.56
C		Tennessee Valley Authority	GRT Terminal	KY	85,430	8,871	0.18	4.43	97.63	\$17.32
C	01-Dec-00	Northern States Power	High Bridge	MN	682,900	8,858	0.19	4.48	98.86	\$17.51
C		Entergy Arkansas, Inc	Independence	AR	5,617,011	8,927	0.18	4.23	135.59	\$24.21
C	31-Dec-08	Alabama Power (Southern Co)	James H. Miller Jr	AL	2,097,940	8,803	0.21	4.59	108.49	\$19.10
C		City Utilities of Springfield	James River	MO	773,000	8,907	0.19	4.27	103.96	\$18.52
C	01-Mar-99	Commonwealth Edison	Joliet	IL	14,000	8,558	0.22	4.70	129.80	\$22.22
C		Electric Energy	Joppa	IL	1,757,700	8,910	0.18	4.29	88.68	\$15.80
C	01-Dec-00	Northern States Power	King	MN	985,100	8,912	0.19	4.27	100.97	\$18.00
C	01-Dec-00	Union Electric	Labadie	MO	2,143,000	8,750	0.22	4.50	97.57	\$17.07
C		Colorado Springs Utilities	Martin Drake	CO	22,400	8,849	0.23	4.77	78.36	\$13.87
C	01-Dec-00	Union Electric	Meramec	MO	1,150,000	8,750	0.22	4.50	112.99	\$19.77
C	31-Dec-01	Detroit Edison	Monroe	MI	2,673,000	8,786	0.19	4.52	100.35	\$17.63
C		Oklahoma Gas and Electric	Muskogee	OK	30,053	8,789	0.19	4.60	91.95	\$16.16
C	01-Dec-98	Omaha Public Power District	Nebraska City	NE	37,200	8,640	0.21	4.90	58.70	\$10.14
C		Associated Electric Coop, Inc	New Madrid	MO	3,949,700	8,886	0.19	4.34	95.18	\$16.92
C		Omaha Public Power District	North Omaha	NE	11,800	8,691	0.21	4.90	69.70	\$12.12
C		Public Serv Co of Oklahoma (CSW)	Northeast	OK	3,716,102	8,542	0.21	4.51	118.04	\$20.17
C		Wisconsin Electric Power	Oak Creek	WI	1,587,000	8,799	0.19	4.96	93.22	\$16.40
C	01-Mar-99	Commonwealth Edison	Powerton	IL	482,000	8,603	0.21	4.70	136.80	\$23.54
C	01-Dec-00	Wisconsin Public Service Corp	Pulliam	WI	1,294,000	8,923	0.18	4.24	99.99	\$17.84
NC		Colorado Springs Utilities	R. D. Nixon	CO	123,100	8,883	0.21	4.39	78.07	\$13.87
C	01-Dec-00	Northern States Power	River Rouge	MI	411,000	8,789	0.19	4.55	99.92	\$17.56
C		Empire Dist Electric	Riverside	MN	1,228,200	8,864	0.19	4.44	94.00	\$16.66
C		Indiana Michigan Power (AEP)	Riverton	KS	258,179	8,777	0.21	4.25	114.00	\$20.01
C		Central Louisiana Electric	Rockport	IN	5,589,000	8,856	0.19	4.33	109.51	\$19.40
C		Nebraska Public Power District	Rodemacher	LA	107,000	8,678	0.23	4.62	137.09	\$23.79
C			Sheldon	NE	832,103	8,736	0.20	4.53	66.59	\$11.63
C	01-Dec-00	Northern States Power	Sherburne County	MN	892,400	8,845	0.20	4.39	111.28	\$19.69
C	01-Mar-00	Missouri Public Service	Sibley	MO	794,070	8,827	0.19	4.59	73.50	\$12.98
C		City Utilities of Springfield	Southwest	MO	782,000	8,914	0.19	4.31	100.93	\$17.99
C		Indiana Michigan Power (AEP)	Tanners Creek	IN	131,100	8,863	0.16	4.16	121.92	\$21.61
C		Associated Electric Coop, Inc	Thomas Hill	MO	4,162,128	8,884	0.19	4.39	72.05	\$12.80
C	31-Dec-01	Detroit Edison	Trenton Channel	MI	868,000	8,812	0.19	4.51	103.54	\$18.25
C	01-Mar-99	Commonwealth Edison	Waukegan	IL	87,000	8,528	0.21	4.70	124.70	\$21.27
C	01-Dec-00	Wisconsin Public Service Corp	Weston 3	WI	409,000	8,916	0.18	4.22	95.07	\$16.95
C		Entergy Arkansas, Inc	White Bluff	AR	305,932	8,935	0.19	4.17	138.64	\$24.77
C	01-Dec-97	Commonwealth Edison	Will County	IL	146	8,641	0.20	4.70	126.30	\$21.83
C		Fremont Dept of Public Utilities	Wright	NE	203,000	8,765	0.19	4.51	92.16	\$16.15
FERC CONTRACT DELIVERIES=					52,872,406	8,828	0.19	4.41	102.05	\$17.97
S		Public Service Co of Colorado	Araphoe	CO	24	8,705	0.22	4.65	89.70	\$19.41
S		Cleveland Electric Illum Co	Ashtabula	OH	14,000	8,922	0.19	4.40	110.50	\$16.15
S		Toledo Edison	Bay Shore	OH	985,000	8,802	0.22	4.77	116.09	\$20.44
S		Minnesota Power	Clay Boswell	MN	85,650	8,897	0.21	4.41	120.60	\$21.46
S		Indiana-Kentucky Electric Corp	Clifty Creek	IN	236,000	8,924	0.18	4.23	97.38	\$17.38
S		Central Illinois Public Service	Coffeen	IL	99,000	8,820	0.23	4.50	102.25	\$18.04
S		Central Power and Light (CSW)	Coletto Creek	TX	1,273,242	8,863	0.21	4.63	136.23	\$24.15
S		Salt River Project	Coronado	AZ	71,900	8,864	0.20	4.45	122.87	\$21.78
S		Wisconsin Power and Light	Edgewater	WI	153,137	8,863	0.18	4.25	102.87	\$18.23
S		Southwestern Electric Power(CSW)	Flint Creek	AR	296,000	8,735	0.19	4.59	98.58	\$17.22
S		Kentucky Utilities	Ghent	KY	303,670	8,856	0.18	4.40	108.18	\$19.16
S		Texas Municipal Power Agency	Gibbons Creek	TX	587	8,855	0.23	4.37	112.78	\$19.97
S		Kansas City Power and Light	Hawthorne	MO	83,000	8,851	0.19	4.63	67.99	\$12.04
S		Kansas City Power and Light	La Cygne	KS	14,000	8,806	0.18	4.50	69.00	\$12.15
S		Union Electric	Labadie	MO	1,907,000	8,812	0.23	4.62	94.06	\$16.58
S		St Joseph Light and Power	Lake Road	MO	4,500	8,800	0.22	5.50	56.18	\$9.89
S		Union Electric	Meramec	MO	287,000	8,830	0.60	4.50	117.52	\$20.75
S		Kansas City Power and Light	Montrose	MO	1,643,000	8,809	0.19	4.50	90.66	\$15.97
S		Central Illinois Public Service	Newton	IL	2,580,000	8,818	0.23	4.50	108.94	\$19.21
S		West Texas Utilities (CSW)	Oklaunion	TX	435	8,886	0.20	4.55	85.39	\$15.18
S		Commonwealth Edison	Powerton	IL	95,000	8,644	0.20	4.50	102.10	\$17.65
S		Wisconsin Public Service Corp	Pulliam	WI	46,000	8,774	0.23	4.50	108.00	\$18.95
S		Union Electric	Rush Island	MO	117,000	8,800	0.23	4.70	87.36	\$15.38

2000 Directory of Coal Mines in Wyoming

North Antelope/Rochelle Complex (cont.)

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
S		Union Electric	Sioux	MO	91,000	8,805	0.23	4.67	91.49	\$16.11
S		Minnesota Power	Syl Laskin	MN	23,360	8,911	0.19	4.22	135.10	\$24.08
S		Tampa Electric	Transfer Facility	FL	415,136	8,783	0.19	4.50	126.91	\$22.29
S		Southwestern Electric Power(CSW)	Welsh Station	TX	1,728,000	8,676	0.20	4.57	145.67	\$25.28
S		Commonwealth Edison	Will County	IL	28,000	8,644	0.20	4.50	91.30	\$15.78
S		Fremont Dept of Public Utilities	Wright	NE	45,200	8,835	0.20	4.30	91.30	\$16.13
FERC SPOT DELIVERIES=					12,625,821	8,800	0.22	4.56	112.23	\$19.74
TOTAL FERC =					65,498,227	8,823	0.20	4.44	104.01	\$18.31

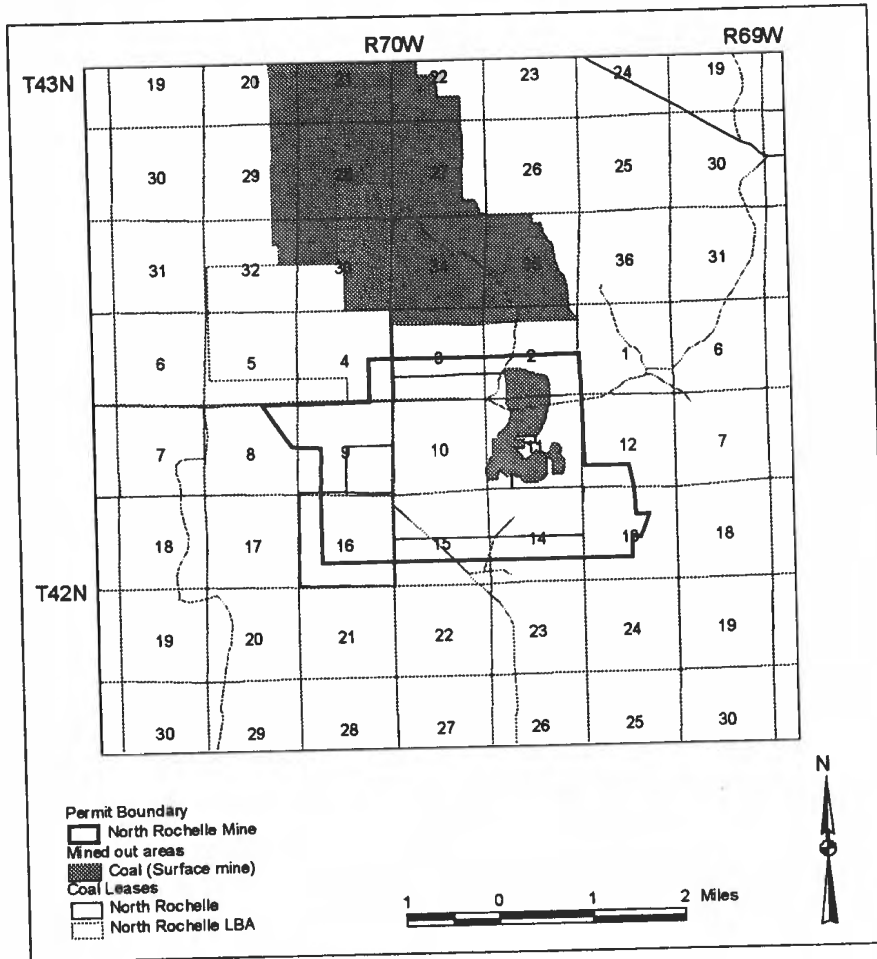
FERC captured 95.1% of 1999 total production.

North Rochelle

Operating Company: Triton Coal Company
 Subsidiary of: Vulcan Coal Holding Company
 Owned By: Vulcan Capital Management
 Triton Coal Company
 510 Reno Road
 Gillette, WY 82718
 Telephone: (307) 464-0533
 Fax: (307) 464-0536
 URL: http://my.uprr.com/pub/energy/coal/sprb/n_rochel.shtml

Number of Employees in 1999: 172
 Mine Type: Surface
 Acres permitted: 4,587
 1999 Coal Production: 8,171,479 short tons
 2000 Air Quality Capacity Limit: 17.5 million short tons

MINE LOCATION



Coal Field: Powder River
 County: Campbell
 Rail Service: Unit train loadout served by Burlington Northern/Santa Fe and Union Pacific/Southern Pacific Railroads.

2000 Directory of Coal Mines in Wyoming

North Rochelle (cont.)

Geologic Information:

Overburden thickness: 110 to 290 feet (average thickness 207 feet).
 Seams Mined: Wyodak-Anderson (average thickness 60 feet).
 Coal Zone: Wyodak.
 Member: Tongue River.
 Formation: Fort Union.
 Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: truck-shovel.
 Coal Removal: truck-shovel.

Production History: (Start up year 1990 through end of 1999 in short tons)

1999	8,171,479	1994	220,909
1998	41,083	1993	21,775
1997	185	1992	24,085
1996	380,521	1991	25,765
1995	677,409	1990	13,000

Total production through 1999: 9,576,211.

Recoverable Coal Reserves (million short tons)

Original Lease:	185.0	
Addition:	157.6	North Rochelle Lease By Application (9/26/97)
Mined tonnage:	9.6	
Remaining Reserves:	333.0	

Estimated remaining life of mine: 25 years.

Remaining life of mine at current permit capacity: 19 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C	01-Nov-96	PacifiCorp	Dave Johnston	WY	34,000	8,601	0.25	4.60	106.55	\$18.33
C		Western Farmers Electric Coop	Hugo	OK	1,085,082	8,685	0.25	4.63	106.17	\$18.44
C		Oklahoma Gas and Electric	Muskogee	OK	2,207,868	8,668	0.24	4.35	87.10	\$15.10
C		Oklahoma Gas and Electric	Sooner	OK	471,429	8,674	0.24	4.49	81.35	\$14.11
C	01-Dec-99	Commonwealth Edison	Waukegan	IL	89,000	8,705	0.24	4.50	86.90	\$15.13
FERC CONTRACT DELIVERIES=					3,887,379	8,674	0.24	4.45	91.89	\$15.94
S		Public Service Co of Colorado	Araphoe	CO	25	8,697	0.25	4.69	89.90	\$19.35
S		Indiana-Kentucky Electric Corp	Clifty Creek	IN	613,000	8,670	0.25	4.72	94.70	\$16.42
S		Cleveland Electric Illum Co	Eastlake	OH	28,200	8,820	0.20	4.30	108.39	\$19.12
S		Southwestern Electric Power(CSW)	Flint Creek	AR	144,000	8,620	0.24	4.80	108.97	\$18.79
S		Commonwealth Edison	Joliet	IL	58,000	8,709	0.24	4.95	131.27	\$22.86
S		Northern Indiana Public Service	Michigan City	IN	273,700	8,764	0.24	5.77	99.18	\$17.38
S		Detroit Edison	Monroe	MI	14,000	8,490	0.24	6.00	96.70	\$16.42
S		Commonwealth Edison	Powerton	IL	69,000	8,636	0.26	5.08	101.89	\$17.60
S		Kansas City Bd Public Utilities	Quindaro	KS	39,000	8,770	0.25	4.37	91.13	\$15.98
S		Georgia Power (Southern Co)	Scherer	GA	435,500	8,785	0.25	4.75	152.08	\$26.72
S		Detroit Edison	Trenton Channel	MI	40,000	8,733	0.22	4.74	98.95	\$17.28
S		Commonwealth Edison	Waukegan	IL	152,000	8,645	0.26	4.67	121.61	\$21.03
S		Southwestern Electric Power(CSW)	Welsh Station	TX	66,000	8,712	0.25	4.63	128.40	\$22.37
S		Wisconsin Public Service Corp	Weston 3	WI	24,000	8,764	0.24	4.30	100.00	\$17.53
S		Commonwealth Edison	Will County	IL	84,000	8,642	0.27	4.73	122.38	\$21.15
S		Fremont Dept of Public Utilities	Wright	NE	1,000	8,791	0.27	4.50	92.00	\$16.18
FERC SPOT DELIVERIES=					2,041,425	8,707	0.25	4.88	114.34	\$19.93
TOTAL FERC =					5,928,804	8,685	0.24	4.60	99.62	\$17.31

FERC captured 72.6% of 1999 total production.

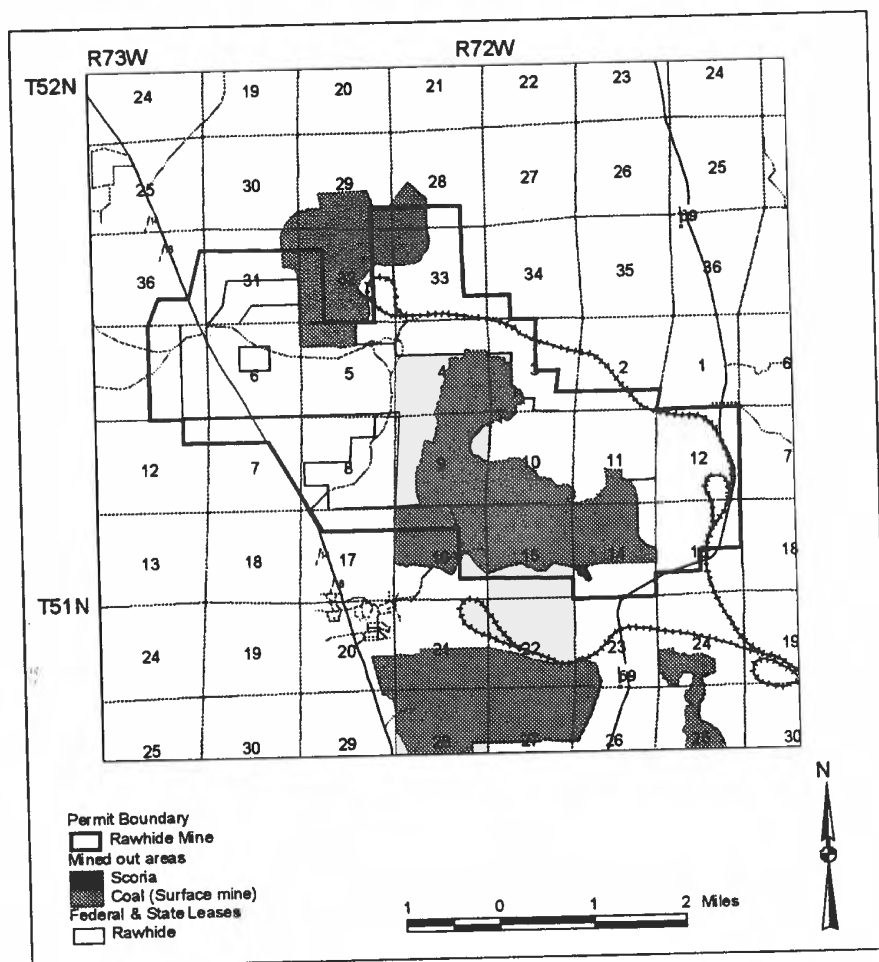
Rawhide

Operating Company: Powder River Coal Company
Subsidiary of: Peabody Coal Company
Owned By: Lehman Brothers Merchant Banking Group
Mailing Address:

Caballo Coal Company
Caller Box 3042
Gillette, WY 82717-3042
Telephone: (307) 682-8081
Fax: (307) 682-4803
URL: <http://www.peabodygroup.com/group/coalop/powder.html>

Number of Employees in 1999: 19
Mine Type: Surface
Acres permitted: 9,790
1999 Coal Production: 807,892 short tons
2000 Air Quality Capacity Limit: 24.0 million short tons

MINE LOCATION



Coal Field: Powder River
County: Campbell
Rail Service: Unit train loadout served by Burlington Northern/Santa Fe.

2000 Directory of Coal Mines in Wyoming

Rawhide (cont.)

Geologic Information:

Overburden thickness: 20 to 240 feet (average thickness 120 feet).

Seams Mined: Roland (average thickness 30 feet).

Smith (average thickness 82 feet).

Coal Zone: Wyodak.

Member: Tongue River.

Formation: Fort Union.

Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: truck-shovel.

Coal Removal: truck-shovel and endloader.

Production History: (Start up year 1985 through end of 1999 in short tons)

1999	807,892	1991	11,766,870	1983	8,627,719
1998	5,390,400	1990	11,442,355	1982	8,147,218
1997	10,705,680	1989	10,628,737	1981	6,154,313
1996	15,068,358	1988	10,810,785	1980	4,472,530
1995	15,355,000	1987	10,672,913	1979	3,593,415
1994	12,858,787	1986	12,403,975	1978	2,625,000
1993	9,864,353	1985	12,236,695	1977	1,096,240
1992	8,629,613	1984	9,351,952		

Total production through 1999: 202,710,800

Recoverable Coal Reserves (million short tons)

Original Lease: 763.2

Mined tonnage: 202.7

Remaining Reserves: 560.5

Estimated remaining life of mine: 29 years.

Remaining life of mine at current permit capacity: 23 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C	01-Dec-97	Montana Power	Corette	MT	178,000	8,320	0.23	4.43	53.21	\$8.85
C		Grand River Dam Authority	GRDA 1 & 2	OK	479,258	8,385	0.33	4.87	87.92	\$14.74
C		Basin Electric Power Coop	Laramie River 1-3	WY	545,500	8,293	0.30	5.03	45.48	\$7.54
TOTAL FERC =					1,202,758	8,334	0.30	4.87	63.53	\$10.61

FERC captured 148.9% of 1999 total production.

2000 Directory of Coal Mines in Wyoming

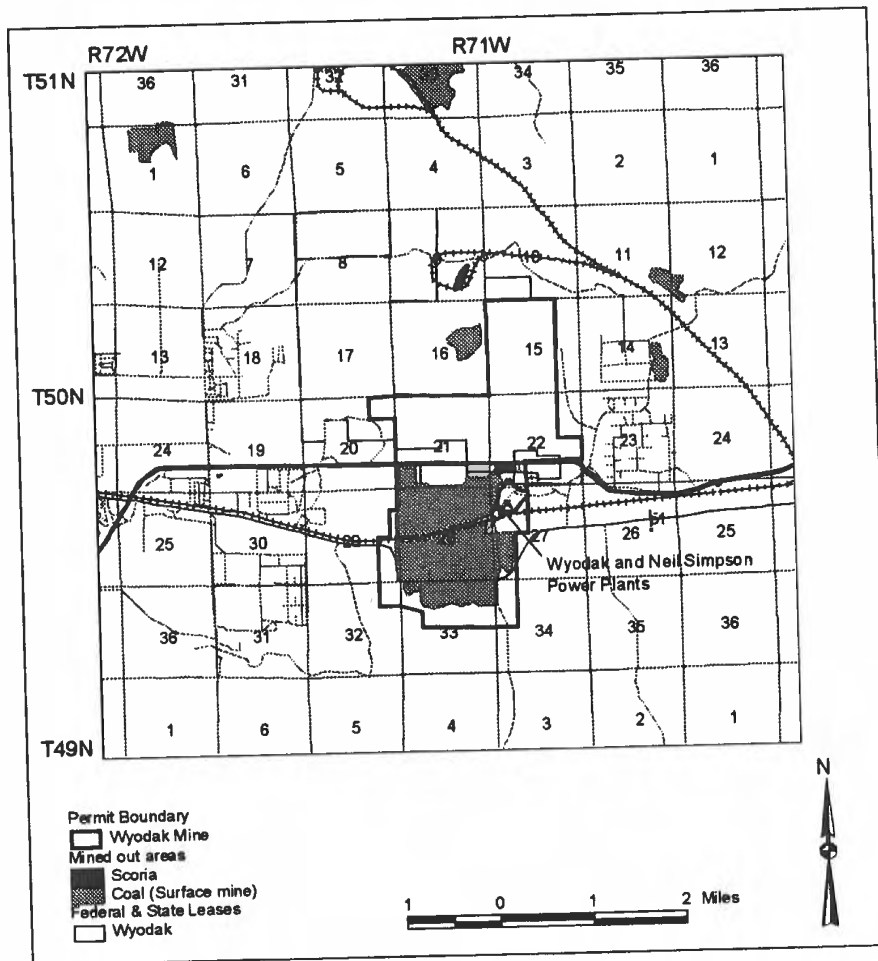
Wyodak

Operating Company: Wyodak Resources Development Corp.
Owned By: Black Hills Corporation
Mailing Address:

Wyodak Resources Development Corporation
131-26 Hwy. 51
Gillette, WY 82716
Telephone: (307) 682-3410
Fax: (307) 682-0208
URL: <http://www.wyodak.com>

Number of Employees in 1999: 43
Mine Type: Surface
Acres permitted: 2,934
1999 Coal Production: 3,179,585 short tons
2000 Air Quality Capacity Limit: 10.0 million short tons

MINE LOCATION



Coal Field: Powder River
County: Campbell
Rail Service: Unit train loadout served by Burlington Northern/Santa Fe.

2000 Directory of Coal Mines in Wyoming

Wyodak (cont.)

Geologic Information:

Overburden thickness: 30 to 160 feet (average thickness 60 feet).

Seams Mined: Wyodak A (average thickness 60 feet).

Wyodak B (average thickness 30 feet).

Coal Zone: Wyodak.

Member: Tongue River.

Formation: Fort Union.

Age: Tertiary/Paleocene.

Mining Method:

Overburden Removal: truck-shovel.

Coal Removal: front-end loader and conveyor.

Production History: (Start up year 1925 through end of 1999 in short tons)

1999	3,179,585	1974	738,248	1949	314,197
1998	3,280,157	1973	727,019	1948	263,267
1997	3,250,969	1972	622,621	1947	209,273
1996	3,198,544	1971	646,589	1946	174,337
1995	2,984,000	1970	641,495	1945	98,355
1994	2,795,942	1969	558,106	1944	105,258
1993	3,027,356	1968	540,084	1943	119,469
1992	2,957,999	1967	504,817	1942	121,435
1991	2,741,809	1966	475,170	1941	122,426
1990	2,907,640	1965	490,527	1940	118,563
1989	2,348,085	1964	488,846	1939	107,923
1988	2,709,526	1963	495,886	1938	105,677
1987	2,976,398	1962	482,781	1937	112,142
1986	2,600,000	1961	447,447	1936	112,782
1985	3,163,026	1960	458,645	1935	120,502
1984	2,895,072	1959	426,609	1934	113,600
1983	2,486,000	1958	375,947	1933	92,136
1982	2,830,000	1957	365,859	1932	98,051
1981	2,712,617	1956	373,958	1931	92,257
1980	2,568,611	1955	349,567	1930	82,611
1979	2,364,000	1954	314,502	1929	72,749
1978	1,289,649	1953	320,654	1928	71,769
1977	857,038	1952	320,946	1927	64,028
1976	838,216	1951	307,074	1926	51,900
1975	786,672	1950	349,560	1925	33,579

Total production through 1999: 78,550,151.

Recoverable Coal Reserves (million short tons)

Original Lease:	222.1	
Additions:	127.0	Acquired portion of Clovis Point reserves (1997)
Mined tonnage:	<u>78.6</u>	
Remaining Reserves:	270.5	

Estimated remaining life of mine: 40 years.

Remaining life of mine at current permit capacity: 54 years.

1999 Steam Coal Deliveries, as reported from the Federal Energy Regulatory Commission's (FERC's) Form 423.

CT	Expiration	Company Name	Plant Name	State	Quantity	Btu	% Sulfur	% Ash	¢/mmBtu	\$/ton
C		Black Hills Power and Light	Neil Simpson No. 2	WY	495,950	8,522	0.57	7.04	42.70	\$7.28
C		PacifiCorp	Wyodak	WY	2,092,000	8,019	0.53	6.72	73.43	\$11.78
TOTAL FERC =					2,587,950	8,115	0.54	6.78	67.54	\$10.91

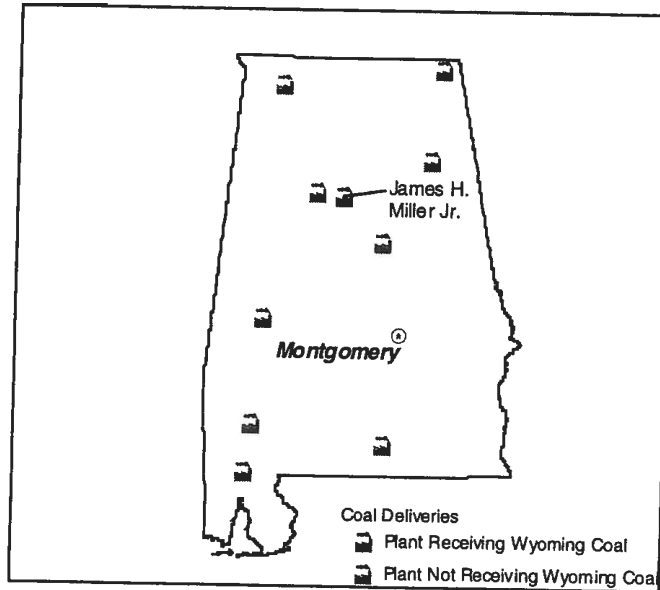
FERC captured 81.4% of 1999 total production.

2000 Directory of Power Plants Burning Wyoming Coal

<u>MINE</u>	<u>Page</u>
Alabama	PP-2
Arizona	PP-2
Arkansas	PP-3
Colorado	PP-4
Florida	PP-5
Georgia	PP-6
Illinois	PP-7
Indiana	PP-9
Iowa	PP-11
Kansas	PP-13
Kentucky	PP-14
Louisiana	PP-16
Michigan	PP-16
Minnesota	PP-19
Mississippi	PP-21
Missouri	PP-21
Montana	PP-23
Nebraska	PP-24
North Dakota	PP-25
Ohio	PP-25
Oklahoma	PP-26
Oregon	PP-27
South Dakota	PP-28
Tennessee	PP-29
Texas	PP-30
Wisconsin	PP-32
Wyoming	PP-33

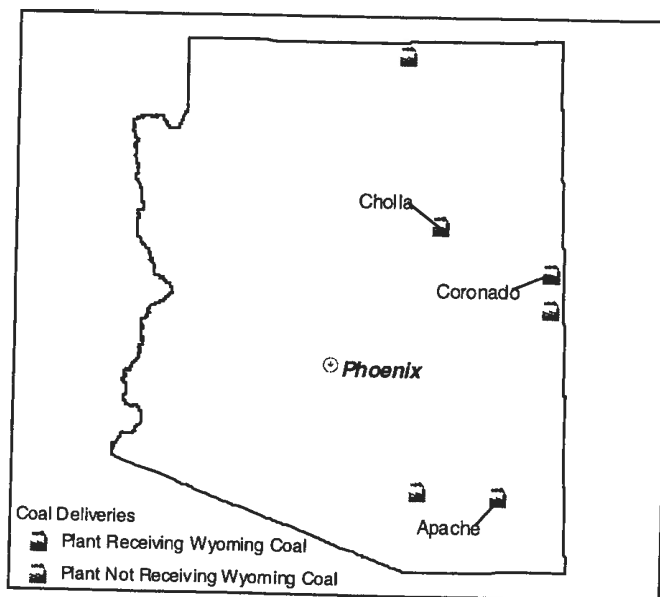
2000 Directory of Power Plants Burning Wyoming Coal

Alabama



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Alabama Power (Southern Co)	James H. Miller Jr	BIT	C	Blue Creek No.5	AL	16,455	12,632	0.71	10.67	228.70	\$57.78
Alabama Power (Southern Co)	James H. Miller Jr	BIT	C	Blue Creek No.7	AL	25,150	12,493	0.65	10.86	233.80	\$58.42
Alabama Power (Southern Co)	James H. Miller Jr	BIT	C	Oak Grove	AL	44,364	13,697	0.48	8.15	143.80	\$39.39
Alabama Power (Southern Co)	James H. Miller Jr	BIT	C	Shoal Creek Mine	AL	438,657	12,195	0.63	12.39	204.40	\$49.85
Alabama Power (Southern Co)	James H. Miller Jr	FO2	S	Hunt Refining		10	140,020	0.00	0.00	160.60	na
Alabama Power (Southern Co)	James H. Miller Jr	NG	I	Alabama Gas Co.		92,938	1,008	0.00	0.00	416.39	na
Alabama Power (Southern Co)	James H. Miller Jr	SUB	C	Belle Ayr	WY	2,780,217	8,581	0.28	4.50	114.83	\$19.71
Alabama Power (Southern Co)	James H. Miller Jr	SUB	C	Jacobs Ranch/Rochelle	WY	2,808,597	8,698	0.42	5.54	118.89	\$20.68
Alabama Power (Southern Co)	James H. Miller Jr	SUB	C	Rochelle	WY	2,097,940	8,803	0.21	4.59	108.49	\$19.10
Alabama Power (Southern Co)	James H. Miller Jr	SUB	S	Jacobs Ranch	WY	2,644,783	8,665	0.42	5.56	97.84	\$16.96

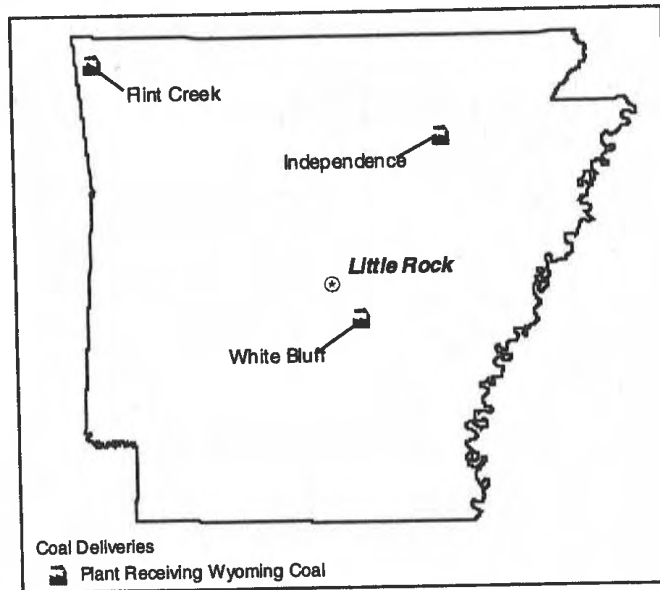
Arizona



2000 Directory of Power Plants Burning Wyoming Coal

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Arizona Electric Power Coop Inc	Apache	BIT	C	Mckinley	NM	133,300	11,376	0.42	13.94	101.00	\$22.53
Arizona Electric Power Coop Inc	Apache	BIT	S	20 Mile	CO	17,500	11,308	0.46	9.78	163.00	\$13.87
Arizona Electric Power Coop Inc	Apache	NG	S	El Paso		2,772,718	1,022	0.00	0.00	224.41	na
Arizona Electric Power Coop Inc	Apache	SUB	C	Mckinley	NM	122,821	9,716	0.45	15.32	114.71	\$16.94
Arizona Electric Power Coop Inc	Apache	SUB	S	Lee Ranch	NM	130,300	9,214	0.85	17.38	130.41	\$14.13
Arizona Electric Power Coop Inc	Apache	SUB	S	Jacobs Ranch	WY	11,300	8,763	0.56	5.84	148.70	\$11.79
Arizona Public Service	Cholla	BIT	S	Colowyo Coal Mine	CO	223,000	10,444	0.36	5.82	145.56	\$30.41
Arizona Public Service	Cholla	BIT	S	National King Coal	CO	14,000	12,693	0.89	8.15	135.10	\$34.30
Arizona Public Service	Cholla	FO2	S	Pro Petroleum		1,000	138,138	0.05	0.00	413.90	na
Arizona Public Service	Cholla	NG	F	Mercado Gas Inc., New Mexico		295,200	1,020	0.00	0.00	394.55	na
Arizona Public Service	Cholla	SUB	C	Mckinley Mine	NM	1,861,000	9,975	0.42	14.06	164.79	\$32.88
Arizona Public Service	Cholla	SUB	S	Spring Creek Mine	MT	70,000	9,372	0.33	4.21	122.85	\$23.03
Arizona Public Service	Cholla	SUB	S	Lee Ranch Mine	NM	275,000	9,344	0.84	17.05	103.62	\$19.36
Arizona Public Service	Cholla	SUB	S	Mckinley Mine	NM	1,083,000	9,654	0.42	15.79	103.50	\$19.98
Arizona Public Service	Cholla	SUB	S	York Canyon Mine	NM	206,000	11,754	0.59	16.48	165.34	\$38.87
Arizona Public Service	Cholla	SUB	S	Black Thunder Mine	WY	59,000	8,747	0.32	5.58	111.36	\$19.48
Salt River Project	Coronado	FO2	S	Various		14,100	139,298	0.37	0.00	405.50	na
Salt River Project	Coronado	SUB	C	Mckinley Mine,	NM	2,715,000	9,934	0.43	14.32	159.85	\$31.76
Salt River Project	Coronado	SUB	S	York Canton Mine,	NM	38,300	11,060	0.59	20.87	180.90	\$40.02
Salt River Project	Coronado	SUB	S	North Antelope/Rochelle	WY	71,900	8,864	0.20	4.45	122.87	\$21.78

Arkansas



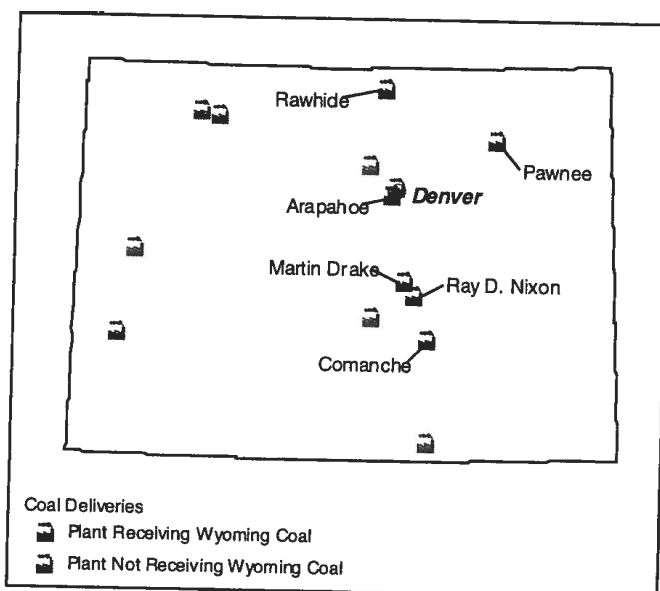
Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Southwestern Electric Power(CSW)	Flint Creek	FO2	S	Truman Arnold		4,000	140,000	0.00	0.00	378.18	na
Southwestern Electric Power(CSW)	Flint Creek	SUB	C	Eagle Butte & Belle Ayr	WY	1,291,000	8,529	0.29	4.47	163.10	\$27.82
Southwestern Electric Power(CSW)	Flint Creek	SUB	S	Eagle Butte And Belle Ayr	WY	388,000	8,557	0.28	4.44	134.70	\$23.05
Southwestern Electric Power(CSW)	Flint Creek	SUB	S	Buckskin	WY	144,000	8,620	0.24	4.80	108.97	\$18.79
Southwestern Electric Power(CSW)	Flint Creek	SUB	S	Jacobs Ranch	WY	242,000	8,457	0.24	5.35	90.70	\$15.34
Southwestern Electric Power(CSW)	Flint Creek	SUB	S	North Antelope/Rochelle	WY	296,000	8,735	0.19	4.59	98.58	\$17.22

2000 Directory of Power Plants Burning Wyoming Coal

Arkansas (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Entergy Arkansas, Inc	Independence	FO2	S	Systems Fuels, Inc.		59,464	140,807	0.29	0.00	347.49	na
Entergy Arkansas, Inc	Independence	SUB	C	Caballo	WY	83,600	8,463	0.34	5.24	153.51	\$25.98
Entergy Arkansas, Inc	Independence	SUB	C	Cordero	WY	1,096,000	8,393	0.33	5.79	125.72	\$21.10
Entergy Arkansas, Inc	Independence	SUB	C	North Antelope	WY	5,617,011	8,927	0.18	4.23	135.59	\$24.21
Entergy Arkansas, Inc	White Bluff	FO2	S	System Fuels, Inc		37,300	141,067	0.34	0.00	312.13	na
Entergy Arkansas, Inc	White Bluff	SUB	C	Caballo	WY	5,146,566	8,459	0.35	5.03	166.08	\$28.10
Entergy Arkansas, Inc	White Bluff	SUB	C	Cordero	WY	340,600	8,404	0.33	5.86	133.03	\$22.36
Entergy Arkansas, Inc	White Bluff	SUB	C	North Antelope(F)	WY	305,932	8,935	0.19	4.17	138.64	\$24.77
Entergy Arkansas, Inc	White Bluff	SUB	NC	Coal Creek	WY	56,900	8,391	0.35	5.43	117.34	\$19.69
Entergy Arkansas, Inc	White Bluff	SUB	S	Cordero(S)	WY	431,162	8,353	0.34	6.80	128.43	\$21.45

Colorado



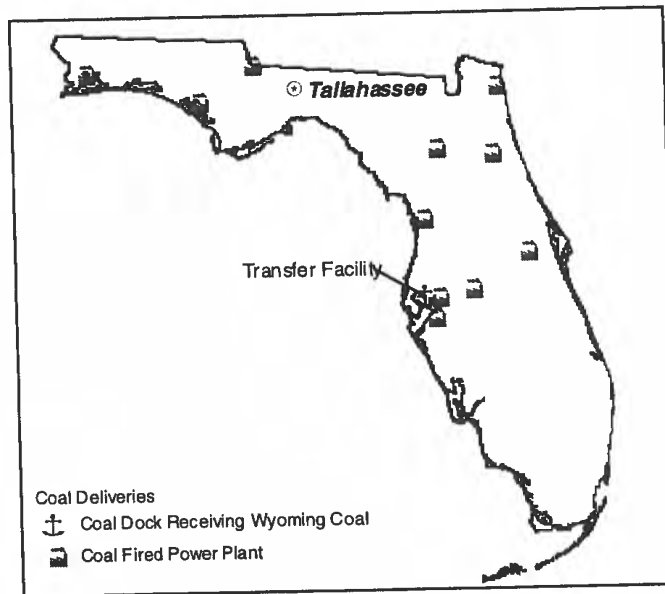
Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Public Service Co of Colorado	Arapahoe	NG	F	Various		232,731	989	0.00	0.00	295.45	na
Public Service Co of Colorado	Arapahoe	SUB	C	Antelope	WY	459,400	8,807	0.23	5.36	82.10	\$21.45
Public Service Co of Colorado	Arapahoe	SUB	S	Antelope	WY	54,100	8,729	0.58	5.33	84.10	\$20.76
Public Service Co of Colorado	Arapahoe	SUB	S	Black Thunder	WY	213,100	8,752	0.32	5.34	84.50	\$20.71
Public Service Co of Colorado	Arapahoe	SUB	S	North Rochelle	WY	25	8,697	0.25	4.69	89.90	\$19.35
Public Service Co of Colorado	Arapahoe	SUB	S	Rochelle/North Antelop	WY	24	8,705	0.22	4.65	89.70	\$19.41
Public Service Co of Colorado	Comanche	NG	F	Various		1,367,117	1,032	0.00	0.00	247.93	na
Public Service Co of Colorado	Comanche	SUB	C	Belle Ayr	WY	2,977,600	8,570	0.30	4.39	94.83	\$16.25
Colorado Springs Utilities	Martin Drake	BIT	C	Colowyo Cw	CO	572,200	10,642	0.40	6.35	161.04	\$34.28
Colorado Springs Utilities	Martin Drake	BIT	C	Cyprus Foidel Crk.	CO	208,000	11,281	0.48	9.25	88.02	\$19.86
Colorado Springs Utilities	Martin Drake	BIT	S	Colowyo (Cs)	CO	10,300	10,624	0.33	5.04	91.50	\$19.44
Colorado Springs Utilities	Martin Drake	NG	F	Co. Spgs Utilities - Gas Dept		486,974	986	0.00	0.00	361.34	na
Colorado Springs Utilities	Martin Drake	SUB	C	Peabody N. Antelope	WY	22,400	8,849	0.23	4.77	78.36	\$13.87
Public Service Co of Colorado	Pawnee	NG	F	Various		62,600	1,049	0.00	0.00	339.09	na
Public Service Co of Colorado	Pawnee	SUB	C	Belle Ayr	WY	219,400	8,567	0.29	4.40	83.76	\$14.35
Public Service Co of Colorado	Pawnee	SUB	C	Eagle Butte	WY	2,372,400	8,367	0.34	4.73	96.12	\$16.08

2000 Directory of Power Plants Burning Wyoming Coal

Colorado (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Colorado Springs Utilities	R. D. Nixon	BIT	C	Cyprus Foidel Creek	CO	362,900	11,293	8.16	9.24	92.66	\$20.93
Colorado Springs Utilities	R. D. Nixon	FO2	S	Acom Petroleum		7,137	135,379	0.34	0.00	543.89	na
Colorado Springs Utilities	R. D. Nixon	NG	F	Co Springs Utilities Gas Dept		286,295	983	0.00	0.00	289.12	na
Colorado Springs Utilities	R. D. Nixon	SUB	C	Kennecott-Antelope	WY	55,100	8,782	0.24	5.42	75.44	\$13.25
Colorado Springs Utilities	R. D. Nixon	SUB	NC	Peabody N. Antelope	WY	123,100	8,883	0.21	4.39	78.07	\$13.87
Colorado Springs Utilities	R. D. Nixon	SUB	S	Kennecott Antelope	WY	12,600	8,667	0.31	6.75	76.40	\$13.24
Colorado Springs Utilities	R. D. Nixon	SUB	S	Southern Energy Black Thunder	WY	41,700	8,670	0.32	5.56	77.11	\$13.37
Platte River Authority	Rawhide	SUB	C	Antelope Mine	WY	1,218,858	8,809	0.25	5.46	59.90	\$10.55

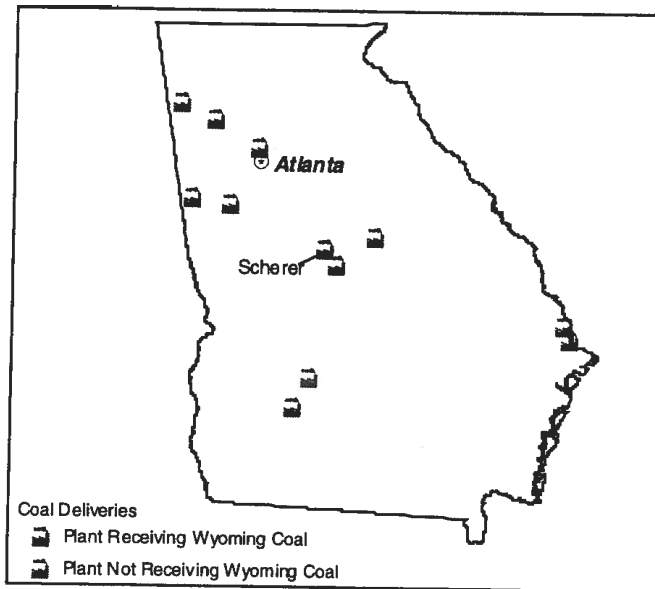
Florida



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Tampa Electric	Transfer Facility	BIT	C	American	IL	400,448	12,080	0.96	6.50	131.95	\$31.88
Tampa Electric	Transfer Facility	BIT	C	Arclar Mine	IL	235,719	12,375	1.76	7.21	161.18	\$39.89
Tampa Electric	Transfer Facility	BIT	C	Camp Mine	IL	411,417	11,645	2.88	9.09	125.23	\$29.17
Tampa Electric	Transfer Facility	BIT	C	Eagle Valley	IL	757,587	12,730	2.59	8.70	129.23	\$32.90
Tampa Electric	Transfer Facility	BIT	C	Galatia Mine	IL	659,329	10,422	1.23	6.58	133.62	\$27.85
Tampa Electric	Transfer Facility	BIT	C	Garden Valley	IL	368,729	12,735	3.07	10.26	123.43	\$31.44
Tampa Electric	Transfer Facility	BIT	C	Patriot Mine	KY	51,128	11,150	2.50	8.24	128.91	\$28.75
Tampa Electric	Transfer Facility	BIT	C	Pt Adaro	IM	73,482	9,349	0.28	1.10	163.30	\$30.53
Tampa Electric	Transfer Facility	BIT	C	Zeigler Coal	IL	970,541	11,000	3.04	9.40	206.46	\$45.42
Tampa Electric	Transfer Facility	BIT	S	Amci Export	IM	465,314	9,408	0.11	2.85	131.20	\$24.69
Tampa Electric	Transfer Facility	BIT	S	Blacksville	WV	286,876	13,230	2.10	7.82	128.90	\$34.11
Tampa Electric	Transfer Facility	BIT	S	Camp Mine	KY	242,735	11,511	2.91	9.16	123.52	\$28.44
Tampa Electric	Transfer Facility	BIT	S	Eagle Valley	IL	309,627	12,545	3.00	10.06	124.38	\$31.21
Tampa Electric	Transfer Facility	BIT	S	Galatia	IL	71,706	12,130	1.08	6.46	136.66	\$33.15
Tampa Electric	Transfer Facility	BIT	S	Garden Valley	IL	192,262	12,683	2.98	10.35	123.64	\$31.36
Tampa Electric	Transfer Facility	BIT	S	Ohio 11	KY	262,488	11,891	2.76	6.48	126.10	\$29.99
Tampa Electric	Transfer Facility	BIT	S	Patriot Mine	KY	9,789	11,150	2.51	8.10	128.20	\$28.59
Tampa Electric	Transfer Facility	SUB	S	Jacobs Ranch	WY	13,916	8,740	0.34	4.70	120.90	\$21.13
Tampa Electric	Transfer Facility	SUB	S	North Antelope	WY	415,136	8,783	0.19	4.50	126.91	\$22.29

2000 Directory of Power Plants Burning Wyoming Coal

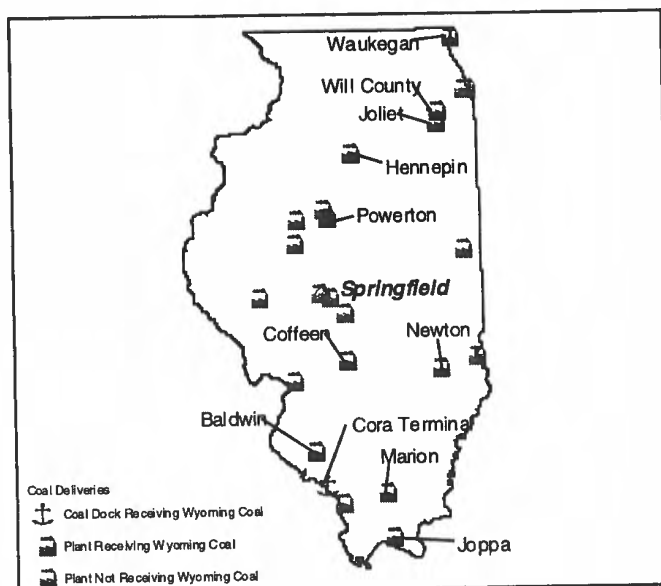
Georgia



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Georgia Power (Southern Co)	Scherer	BIT	C	Aei Coal Sales 99131	KY	227,400	12,362	0.65	10.23	267.47	\$66.13
Georgia Power (Southern Co)	Scherer	BIT	C	Arch Coal Sales 99001	KY	753,600	13,111	0.65	7.86	159.77	\$41.89
Georgia Power (Southern Co)	Scherer	BIT	C	Arch Coal Sales 99004	VA	579,800	12,877	0.65	9.51	160.65	\$41.37
Georgia Power (Southern Co)	Scherer	BIT	C	Arch Sales Sales 99004	WV	170,000	12,823	0.66	9.86	160.42	\$41.14
Georgia Power (Southern Co)	Scherer	BIT	C	Bluegrass Development 50041	WV	1,304,900	12,123	0.63	11.77	253.76	\$61.53
Georgia Power (Southern Co)	Scherer	BIT	C	Delta Coals 99005	VA	327,600	13,139	0.73	8.94	161.61	\$42.47
Georgia Power (Southern Co)	Scherer	BIT	C	Mingo Logan 96020	WV	479,000	13,016	0.66	8.75	162.93	\$42.41
Georgia Power (Southern Co)	Scherer	BIT	S	Aei Coal Sales 99131	KY	119,000	12,658	0.64	10.31	155.18	\$39.29
Georgia Power (Southern Co)	Scherer	BIT	S	Arch Coals Sales 99036	VA	435,400	12,505	0.67	11.48	157.06	\$39.28
Georgia Power (Southern Co)	Scherer	BIT	S	Electric Fuels 99037	VA	63,200	12,508	0.71	9.41	159.66	\$39.94
Georgia Power (Southern Co)	Scherer	BIT	S	Marshall Resources 98070	KY	20,300	13,143	0.66	9.54	163.50	\$42.98
Georgia Power (Southern Co)	Scherer	BIT	S	Massey Coal Sales 99011	KY	23,000	12,457	0.58	9.99	160.45	\$39.97
Georgia Power (Southern Co)	Scherer	BIT	S	Smoky Mountain	VA	47,800	13,377	0.67	5.67	157.34	\$42.09
Georgia Power (Southern Co)	Scherer	BIT	S	Sunny Ridge	KY	22,700	13,143	0.72	8.40	159.00	\$41.79
Georgia Power (Southern Co)	Scherer	FO2	C	Mansfield		21,600	138,500	0.50	0.05	445.04	na
Georgia Power (Southern Co)	Scherer	SUB	S	Cyprus Amax 99046	WY	396,900	8,568	0.29	4.46	153.49	\$26.30
Georgia Power (Southern Co)	Scherer	SUB	S	Jacobs Ranch 98123	WY	3,420,900	8,677	0.43	5.54	151.33	\$26.26
Georgia Power (Southern Co)	Scherer	SUB	S	Kennecott Energy 96120	WY	2,567,800	8,816	0.25	5.41	151.39	\$26.69
Georgia Power (Southern Co)	Scherer	SUB	S	Triton 99034	WY	435,500	8,785	0.25	4.75	152.08	\$26.72

2000 Directory of Power Plants Burning Wyoming Coal

Illinois



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Illinois Power	Baldwin	BIT	C	Captain	IL	172,665	10,921	2.74	9.70	108.19	\$23.63
Illinois Power	Baldwin	BIT	C	Conant	IL	701,841	10,981	2.78	9.60	108.69	\$23.87
Illinois Power	Baldwin	BIT	C	Marissa Mine	IL	2,889,289	10,581	2.90	10.58	104.50	\$22.11
Illinois Power	Baldwin	FO2	S	Various		18,359	140,000	0.27	0.00	38.44	na
Illinois Power	Baldwin	SUB	C	Black Thunder	WY	24,888	8,767	0.33	5.90	92.99	\$16.30
Illinois Power	Baldwin	SUB	C	North Antelope / Rochelle	WY	113,776	8,882	0.18	4.40	96.25	\$17.10
Illinois Power	Baldwin	SUB	C	Rochelle	WY	8,179	8,619	0.28	5.00	96.00	\$16.55
Central Illinois Public Service	Coffeen	BIT	C	Monterey #1	IL	1,759,000	10,300	1.00	8.29	182.80	\$37.66
Central Illinois Public Service	Coffeen	FO2	S	Various		8,000	137,914	0.29	0.00	443.47	na
Central Illinois Public Service	Coffeen	PC	S	Oxbow Carbon		25,000	14,150	4.90	0.40	66.38	\$18.79
Central Illinois Public Service	Coffeen	SUB	S	Rochell/N. Antelope	WY	99,000	8,820	0.23	4.50	102.25	\$18.04
Tennessee Valley Authority	Cora Terminal	BIT	C	Belinda No. 1&2	UT	239,880	11,902	0.55	5.79	121.76	\$28.98
Tennessee Valley Authority	Cora Terminal	BIT	C	Franklin Coal-Various	IL	60,130	10,600	2.50	10.00	58.96	\$12.50
Tennessee Valley Authority	Cora Terminal	BIT	C	Genwal	UT	812,380	12,498	0.48	8.06	125.92	\$31.47
Tennessee Valley Authority	Cora Terminal	BIT	S	Co-Op Mining Co. Black Thunder	UT	121,520	12,238	0.58	10.05	114.63	\$28.06
Tennessee Valley Authority	Cora Terminal	BIT	S	Rend Lake	IL	9	11,800	1.20	7.50	119.70	\$28.25
Tennessee Valley Authority	Cora Terminal	BIT	S	West Elk	CO	21	10,572	0.48	15.10	109.06	\$23.06
Tennessee Valley Authority	Cora Terminal	SUB	C	Antelope	WY	197,400	8,809	0.26	5.59	91.38	\$16.10
Tennessee Valley Authority	Cora Terminal	SUB	C	Black Thunder	WY	932,860	8,735	0.34	5.54	88.59	\$15.48
Tennessee Valley Authority	Cora Terminal	SUB	C	Jacobs Ranch	WY	12,480	8,700	0.35	5.69	96.78	\$16.84
Illinois Power	Hennepin	BIT	C	Lodestar Mine	KY	52,674	12,147	2.05	11.57	127.75	\$31.04
Illinois Power	Hennepin	BIT	C	Marissa Mine	IL	262,494	10,700	2.88	10.36	115.64	\$24.75
Illinois Power	Hennepin	BIT	C	Peabody Camps	KY	18,799	11,509	2.90	9.14	113.04	\$26.02
Illinois Power	Hennepin	BIT	C	Verified	21	30,632	12,151	2.16	11.30	127.75	\$31.05
Illinois Power	Hennepin	BIT	S	Aei Coal Sales Inc	IL	10,358	10,500	3.25	10.00	155.30	\$32.61
Illinois Power	Hennepin	BIT	S	Crown li	IL	22,456	10,737	3.46	8.01	137.79	\$29.59
Illinois Power	Hennepin	NG	F	Illinois Power		300,157	1,030	0.00	0.00	259.05	na
Illinois Power	Hennepin	SUB	C	Black Thunder	WY	128,437	8,724	0.34	7.19	111.98	\$19.54

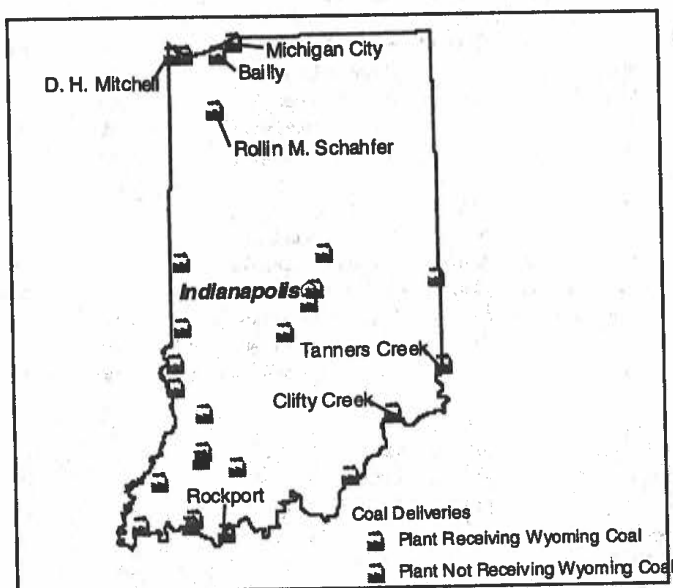
2000 Directory of Power Plants Burning Wyoming Coal

Illinois (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Commonwealth Edison	Joliet	SUB	C	Black Thunder Mine	WY	3,548,000	8,769	0.35	5.37	294.68	\$51.68
Commonwealth Edison	Joliet	SUB	C	Jacobs Ranch Mine	WY	191,000	8,725	0.50	5.67	213.31	\$37.22
Commonwealth Edison	Joliet	SUB	C	Rochelle Mine	WY	14,000	8,558	0.22	4.70	129.80	\$22.22
Commonwealth Edison	Joliet	SUB	S	Black Thunder Mine	WY	513,000	8,787	0.43	5.32	106.10	\$18.65
Commonwealth Edison	Joliet	SUB	S	Jacobs Ranch Mine	WY	88,000	8,548	0.48	5.59	123.49	\$21.11
Commonwealth Edison	Joliet	SUB	S	North Rochelle Mine	WY	58,000	8,709	0.24	4.95	131.27	\$22.86
Electric Energy	Joppa	FO2	S	E M Bailey		3,790	131,196	0.24	0.00	528.17	na
Electric Energy	Joppa	NG	I	Truckline Gas Co.		488,600	1,040	0.00	0.00	268.11	na
Electric Energy	Joppa	SUB	C	Antelope - Kennecott	WY	1,072,700	8,820	0.24	5.21	86.01	\$15.17
Electric Energy	Joppa	SUB	C	Belle Ayr Amax	WY	1,915,500	8,572	0.28	4.37	87.50	\$15.00
Electric Energy	Joppa	SUB	C	Caballo Rojo-Kennecott	WY	174,300	8,457	0.30	5.28	82.52	\$13.96
Electric Energy	Joppa	SUB	C	Cordero- Kennecott	WY	14,600	8,419	0.32	5.60	85.20	\$14.35
Electric Energy	Joppa	SUB	C	Coal Sales North Antelope	WY	1,757,700	8,910	0.18	4.29	88.68	\$15.80
Southern Illinois Power Coop	Marion	BIT	C	Arch Coal Co - Coal	IL	194,000	11,207	2.61	11.37	110.55	\$24.78
Southern Illinois Power Coop	Marion	BIT	C	Illini Energy - Coal	IL	110,000	11,379	2.58	12.33	97.53	\$22.20
Southern Illinois Power Coop	Marion	BIT	C	Jader Coal '97a - Coal	IL	251,000	11,762	3.81	17.32	104.68	\$24.62
Southern Illinois Power Coop	Marion	BIT	C	Mid-Continental -Crb	IL	116,000	8,472	2.20	25.52	52.69	\$8.93
Southern Illinois Power Coop	Marion	BIT	S	Arclar Co - Coal	IL	15,000	12,324	1.73	8.40	103.80	\$25.58
Southern Illinois Power Coop	Marion	BIT	S	Jefferson - Crbn	IL	36,000	8,417	1.65	22.15	52.01	\$8.76
Southern Illinois Power Coop	Marion	BIT	S	Peabody - Crbn	IL	53,000	8,574	2.56	25.19	53.75	\$9.22
Southern Illinois Power Coop	Marion	BIT	S	Uco Energy - Crb	IL	2,000	8,190	0.67	23.60	50.95	\$8.35
Southern Illinois Power Coop	Marion	FO2	S	Various		11,000	135,671	0.03	0.00	399.06	na
Southern Illinois Power Coop	Marion	SUB	S	F&S Traders - Coal	WY	5,000	8,580	0.54	8.64	108.20	\$18.57
Central Illinois Public Service	Newton	BIT	C	Black Thunder	CO	236,000	11,200	0.53	11.00	84.30	\$18.88
Central Illinois Public Service	Newton	BIT	C	Air Quality Mine	IN	118,000	11,000	0.66	8.50	171.29	\$37.68
Central Illinois Public Service	Newton	FO2	S	Marathon		28,000	136,629	0.29	0.00	417.85	na
Central Illinois Public Service	Newton	SUB	S	Black Thunder	WY	570,000	8,800	0.30	5.50	106.18	\$18.69
Central Illinois Public Service	Newton	SUB	S	Rochelle/N.Antelope	WY	2,580,000	8,818	0.23	4.50	108.94	\$19.21
Commonwealth Edison	Powerton	BIT	S	Industry Mine	IL	28,410	8,377	2.71	24.69	155.89	\$26.12
Commonwealth Edison	Powerton	NG	F	Central Illinois Light Co.		112,400	1,000	0.00	0.00	383.08	na
Commonwealth Edison	Powerton	SUB	C	Decker Mine	MT	704,000	9,597	0.34	3.95	168.85	\$32.41
Commonwealth Edison	Powerton	SUB	C	Black Thunder Mine	WY	15,000	8,758	0.33	5.50	315.10	\$55.19
Commonwealth Edison	Powerton	SUB	C	Jacobs Ranch Mine	WY	1,757,000	8,700	0.47	5.69	150.05	\$26.11
Commonwealth Edison	Powerton	SUB	C	Rochelle Mine	WY	482,000	8,603	0.21	4.70	136.80	\$23.54
Commonwealth Edison	Powerton	SUB	S	Jacobs Ranch Mine	WY	829,000	8,659	0.47	5.71	108.32	\$18.76
Commonwealth Edison	Powerton	SUB	S	North Rochelle Mine	WY	69,000	8,636	0.26	5.08	101.89	\$17.60
Commonwealth Edison	Powerton	SUB	S	Rochelle Mine	WY	95,000	8,644	0.20	4.50	102.10	\$17.65
Commonwealth Edison	Waukegan	SUB	C	Black Thunder Mine	WY	360,000	8,776	0.32	5.36	289.83	\$50.87
Commonwealth Edison	Waukegan	SUB	C	Jacobs Ranch Mine	WY	989,000	8,701	0.49	5.70	187.71	\$32.66
Commonwealth Edison	Waukegan	SUB	C	North Rochelle Mine	WY	89,000	8,705	0.24	4.50	86.90	\$15.13
Commonwealth Edison	Waukegan	SUB	C	Rochelle Mine	WY	87,000	85	0.21	4.70	124.70	\$0.21
Commonwealth Edison	Waukegan	SUB	S	Black Thunder Mine	WY	45,000	8,757	0.33	5.50	122.73	\$21.49
Commonwealth Edison	Waukegan	SUB	S	Jacobs Ranch Mine	WY	337,000	8,663	0.49	5.70	112.88	\$19.56
Commonwealth Edison	Waukegan	SUB	S	North Rochelle Mne	WY	152,000	8,645	0.26	4.67	121.61	\$21.03
Commonwealth Edison	Will County	FO2	C	Various		118,000	139,153	0.31	0.00	379.89	na
Commonwealth Edison	Will County	SUB	C	Decker Mine	MT	955,000	9,583	0.35	3.97	156.67	\$30.03
Commonwealth Edison	Will County	SUB	C	Black Thunder Mine	WY	613,000	8,753	0.33	5.46	292.62	\$51.23
Commonwealth Edison	Will County	SUB	C	Jacobs Ranch Mine	WY	777,000	8,697	0.48	5.65	179.26	\$31.18
Commonwealth Edison	Will County	SUB	C	Rochelle Mine	WY	146	8,641	0.20	4.70	126.30	\$21.83
Commonwealth Edison	Will County	SUB	S	Black Thunder Mine	WY	235,000	8,778	0.44	5.37	177.27	\$31.12
Commonwealth Edison	Will County	SUB	S	Jacobs Ranch Mine	WY	491,000	8,661	0.47	5.71	100.75	\$17.45
Commonwealth Edison	Will County	SUB	S	North Rochelle Mine	WY	84,000	8,642	0.27	4.73	122.38	\$21.15
Commonwealth Edison	Will County	SUB	S	Rochelle Mine	WY	28,000	8,644	0.20	4.50	91.30	\$15.78

2000 Directory of Power Plants Burning Wyoming Coal

Indiana



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Northern Indiana Public Service	Bailly	BIT	C	Captain Mining Complex	IL	411,700	10,970	2.74	9.61	123.42	\$27.08
Northern Indiana Public Service	Bailly	BIT	C	Crown #3	IL	391,100	10,715	3.42	8.36	113.90	\$24.41
Northern Indiana Public Service	Bailly	BIT	C	Old Ben #11 - Ccp	IL	52,600	11,074	3.01	9.20	116.59	\$25.82
Northern Indiana Public Service	Bailly	BIT	C	Shoshone	WY	224,200	10,816	0.63	6.28	180.78	\$39.11
Northern Indiana Public Service	Bailly	BIT	S	Brushy Creek	IL	127,000	11,765	2.47	10.42	120.80	\$28.42
Northern Indiana Public Service	Bailly	BIT	S	Kindill #1	IN	13,400	11,496	3.84	8.00	151.40	\$34.81
Northern Indiana Public Service	Bailly	BIT	S	Kindill #3	IN	141,200	11,066	2.17	9.74	122.46	\$27.10
Northern Indiana Public Service	Bailly	BIT	S	Federal #2	WV	10,000	12,805	2.46	9.90	121.00	\$30.99
Northern Indiana Public Service	Bailly	NG	I	Northern Indiana Public Service		22,630	1,025	0.00	0.00	249.85	na
Northern Indiana Public Service	Bailly	PC	S	Bp/Amoco-Whiting, In		30,100	14,048	4.29	0.28	62.10	\$17.45
Northern Indiana Public Service	Bailly	SUB	C	Black Thunder	WY	1,000	8,684	0.35	5.55	101.70	\$17.66
Northern Indiana Public Service	Bailly	WD	S	Vim Recycling, Inc		4,100	5,388	0.13	5.50	93.01	na
Indiana-Kentucky Electric Corp	Clifty Creek	BIT	C	58	VA	58,000	14,046	0.64	5.10	161.50	\$45.37
Indiana-Kentucky Electric Corp	Clifty Creek	BIT	C	Consolidation / Island Creek	VA	200,000	13,761	0.66	5.39	149.81	\$41.23
Indiana-Kentucky Electric Corp	Clifty Creek	BIT	C	Consolidation - Buchanan	VA	636,000	13,926	0.67	5.49	162.88	\$45.37
Indiana-Kentucky Electric Corp	Clifty Creek	BIT	S	Waterloo	OH	382,000	10,802	4.11	13.41	108.69	\$23.48
Indiana-Kentucky Electric Corp	Clifty Creek	BIT	S	Consolidation-Buchanan	VA	83,000	13,767	0.67	6.76	138.28	\$38.07
Indiana-Kentucky Electric Corp	Clifty Creek	BIT	S	Consolidation-Robinson	WV	8,000	13,139	3.04	7.20	110.00	\$28.91
Indiana-Kentucky Electric Corp	Clifty Creek	FO2	S	Various		6,090	136,000	0.30	0.00	448.06	na
Indiana-Kentucky Electric Corp	Clifty Creek	SUB	C	Antelope	WY	1,286,000	8,817	0.24	5.28	96.49	\$17.02
Indiana-Kentucky Electric Corp	Clifty Creek	SUB	C	Rochelle	WY	1,270,000	8,905	0.18	4.24	98.75	\$17.59
Indiana-Kentucky Electric Corp	Clifty Creek	SUB	S	Kf	WY	12,000	11,567	0.39	7.30	130.90	\$30.28
Indiana-Kentucky Electric Corp	Clifty Creek	SUB	S	Pg Illinois	WY	56,000	9,032	0.49	5.27	91.21	\$16.48
Indiana-Kentucky Electric Corp	Clifty Creek	SUB	S	Rochelle	WY	236,000	8,924	0.18	4.23	97.38	\$17.38
Indiana-Kentucky Electric Corp	Clifty Creek	SUB	S	Triton	WY	613,000	8,670	0.25	4.72	94.70	\$16.42
Indiana-Kentucky Electric Corp	Clifty Creek	SUB	S	Antelope 2	WY	220,000	8,799	0.22	5.47	96.36	\$16.96
Northern Indiana Public Service	Michigan City	BIT	C	Crown #3	IL	10,600	10,709	3.46	8.10	113.60	\$24.33
Northern Indiana Public Service	Michigan City	BIT	C	Shoshone	WY	464,200	10,882	0.63	6.33	180.22	\$39.22
Northern Indiana Public Service	Michigan City	NG	I	Nisource, Inc.		1,378,900	1,025	0.00	0.00	338.98	na
Northern Indiana Public Service	Michigan City	SUB	C	Black Thunder	WY	321,500	8,764	0.33	5.40	102.98	\$18.05
Northern Indiana Public Service	Michigan City	SUB	C	Jacobs Ranch	WY	60,200	8,649	0.44	3.39	97.80	\$16.92
Northern Indiana Public Service	Michigan City	SUB	C	Southern Co. Energy Mktg	WY	12,000	8,737	0.33	5.70	97.00	\$16.95

2000 Directory of Power Plants Burning Wyoming Coal

Indiana (con't)

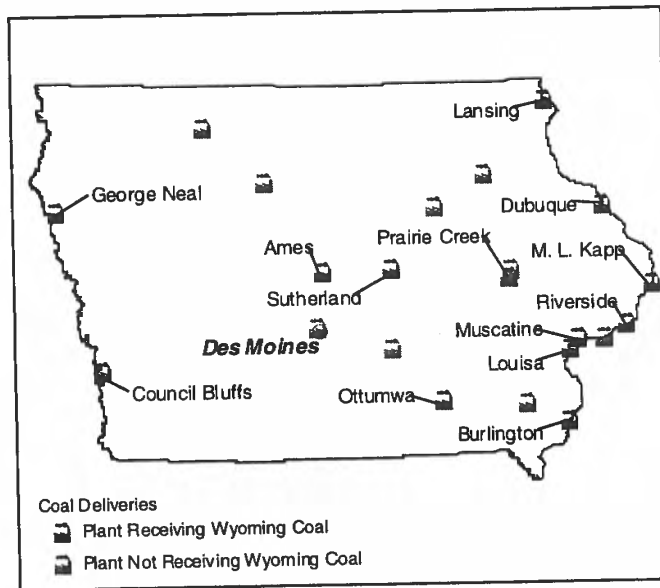
Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	c/MMBtu	\$/Ton
Northern Indiana Public Service	Michigan City	SUB	C	Black Thunder	WY	107,500	8,754	0.32	5.45	99.40	\$17.40
Northern Indiana Public Service	Michigan City	SUB	S	Aquila Energy Corp.	WY	273,700	8,764	0.24	5.77	99.18	\$17.38
Northern Indiana Public Service	Mitchell	BIT	C	Shoshone	WY	256,600	10,830	0.63	6.19	190.06	\$41.17
Northern Indiana Public Service	Mitchell	NG	I	Nisource, Inc		1,601,420	1,026	0.00	0.00	269.37	na
Northern Indiana Public Service	Mitchell	SUB	C	Black Thunder	WY	2,628,040	8,771	0.32	5.40	110.27	\$19.34
Northern Indiana Public Service	Mitchell	SUB	C	Caballo Rojo	WY	12,500	8,377	0.31	5.30	114.60	\$19.20
Northern Indiana Public Service	Mitchell	SUB	C	Southern Co. Energy Marketing	WY	415,100	8,745	0.32	5.45	105.84	\$18.51
Northern Indiana Public Service	Mitchell	SUB	S	Southern Co. Energy Mkt.	WY	91,800	8,808	0.33	5.41	105.41	\$18.57
Northern Indiana Public Service	Mitchell	SUB	S	Commonwealth Edison	WY	300	8,672	0.39	5.40	126.00	\$21.85
Northern Indiana Public Service	Mitchell	SUB	S	Louisville Gas & Electric	WY	4,700	8,811	0.31	6.00	110.10	\$19.40
Northern Indiana Public Service	Mitchell	SUB	S	Venture Fuels	WY	500	8,799	0.28	5.50	157.90	\$27.79
Indiana Michigan Power (AEP)	Rockport	BIT	C	Quaker Coal Co., Inc.	KY	3,200	12,132	0.56	13.20	112.40	\$27.27
Indiana Michigan Power (AEP)	Rockport	BIT	S	Aei Coal Sales.. Inc.	KY	24,700	11,955	0.83	10.80	112.70	\$26.95
Indiana Michigan Power (AEP)	Rockport	BIT	S	Aquila Energy Marketing - Various	KY	275,600	11,999	0.88	11.88	115.59	\$27.74
Indiana Michigan Power (AEP)	Rockport	BIT	S	Aquila Energy Marketing - Various	WV	297,200	11,987	0.85	11.60	115.58	\$27.71
Indiana Michigan Power (AEP)	Rockport	SUB	S	Aquila Energy Marketing - Various	WV	30,300	8,850	0.30	5.05	103.60	\$18.34
Indiana Michigan Power (AEP)	Rockport	BIT	S	Arch Coal Sales Coal Mac/Hawkins	KY	215,100	12,153	0.84	11.76	115.06	\$27.97
Indiana Michigan Power (AEP)	Rockport	BIT	S	Avista Energy, Inc. Various Mines	WV	36,400	12,041	0.81	10.40	113.67	\$27.37
Indiana Michigan Power (AEP)	Rockport	BIT	S	Avista Energy, Inc Various Mines	KY	24,000	12,004	0.81	10.71	113.70	\$27.30
Indiana Michigan Power (AEP)	Rockport	BIT	S	Cargil Corn Milling	KY	1,400	13,260	1.11	6.00	136.30	\$36.15
Indiana Michigan Power (AEP)	Rockport	BIT	S	Dynegy Marketing & Trade - Various	WV	61,600	12,099	0.77	10.39	111.19	\$26.91
Indiana Michigan Power (AEP)	Rockport	BIT	S	Enron Capital & Trade - Various	WV	79,600	12,221	0.85	10.43	119.98	\$29.33
Indiana Michigan Power (AEP)	Rockport	BIT	S	Lakeway Fuel;Salt Lick Mine	KY	131,200	12,141	0.90	10.65	117.90	\$28.63
Indiana Michigan Power (AEP)	Rockport	BIT	S	Peabody Coaltrade, Inc.	WV	8,000	12,196	0.86	9.89	119.80	\$29.22
Indiana Michigan Power (AEP)	Rockport	BIT	S	Peabody Coaltrade-Variou Mineslack	WV	21,800	11,900	0.82	12.02	113.79	\$27.08
Indiana Michigan Power (AEP)	Rockport	BIT	S	Peabody Coaltrade-Variou Mineslack	KY	9,800	11,886	0.81	12.09	113.80	\$27.05
Indiana Michigan Power (AEP)	Rockport	BIT	S	Quarter Coal Co., Inc.	KY	279,100	12,329	0.79	11.55	113.52	\$27.99
Indiana Michigan Power (AEP)	Rockport	FO2	S	Various		129,700	136,228	0.03	0.00	414.55	na
Indiana Michigan Power (AEP)	Rockport	SUB	C	Carter Mining Co Caballo Mine	WY	2,114,100	8,468	0.35	4.95	101.93	\$17.26
Indiana Michigan Power (AEP)	Rockport	SUB	C	Rochelle Coal - Rochelle/N.Antelopee	WY	5,589,000	8,856	0.19	4.33	109.51	\$19.40
Indiana Michigan Power (AEP)	Rockport	SUB	S	Pc Illinois Synthetic	WY	141,200	8,717	0.39	5.59	71.19	\$12.41
Indiana Michigan Power (AEP)	Rockport	SUB	S	Peabody Coaltrade/Blackthunder.	WV	45,600	8,723	0.30	5.50	103.43	\$18.04
Indiana Michigan Power (AEP)	Rockport	SUB	S	Triton Coal Company, Llc	WY	13,300	8,280	0.20	6.30	96.90	\$16.05
Northern Indiana Public Service	Rollin Schahfer	BIT	C	Blacksville #2	WV	170,000	12,953	2.54	8.20	117.86	\$30.53
Northern Indiana Public Service	Rollin Schahfer	BIT	C	Captain Mining Complex	IL	912,400	10,959	2.75	9.65	118.55	\$25.98
Northern Indiana Public Service	Rollin Schahfer	BIT	C	Crown #3	IL	20,100	10,705	3.43	8.30	122.30	\$26.18
Northern Indiana Public Service	Rollin Schahfer	BIT	C	Old Ben #11 - Ccp	IL	802,100	11,081	3.07	9.45	112.94	\$25.03
Northern Indiana Public Service	Rollin Schahfer	BIT	C	Shoshone	WY	651,200	10,822	0.63	5.92	171.99	\$37.23
Northern Indiana Public Service	Rollin Schahfer	BIT	S	Blacksville #2	WV	61,300	13,081	2.54	8.04	117.94	\$30.86
Northern Indiana Public Service	Rollin Schahfer	BIT	S	Brushy Creek	IL	11,300	11,982	2.46	9.60	119.50	\$28.64
Northern Indiana Public Service	Rollin Schahfer	BIT	S	Federal #2	WV	34,400	12,898	2.60	9.67	119.70	\$30.88
Northern Indiana Public Service	Rollin Schahfer	BIT	S	Kindill#1	IN	51,800	11,482	4.00	8.20	127.08	\$29.18
Northern Indiana Public Service	Rollin Schahfer	BIT	S	Viking	IN	10,900	11,083	2.47	8.40	145.40	\$32.23
Northern Indiana Public Service	Rollin Schahfer	NG	I	Nisource Inc.		450,200	1,026	0.00	0.00	316.57	na
Northern Indiana Public Service	Rollin Schahfer	PC	S	Bp/Amoco Oil Co., Whiting		228,700	14,148	4.42	0.24	63.46	\$17.96
Northern Indiana Public Service	Rollin Schahfer	SUB	C	Black Thunder	WY	963,500	8,765	0.32	5.44	108.14	\$18.96
Northern Indiana Public Service	Rollin Schahfer	SUB	C	Enron Capital & Trade Res	WY	405,470	8,671	0.43	5.46	108.06	\$18.74
Northern Indiana Public Service	Rollin Schahfer	SUB	C	Jacobs Ranch	WY	1,110,800	8,656	0.43	5.57	105.76	\$18.31
Northern Indiana Public Service	Rollin Schahfer	SUB	C	Southern Co Energy Mkt	WY	27,900	8,713	0.29	5.35	107.10	\$18.66
Northern Indiana Public Service	Rollin Schahfer	SUB	NC	Black Thunder	WY	61,700	8,739	0.37	5.40	114.00	\$19.92
Indiana Michigan Power (AEP)	Tanners Creek	BIT	C	Central Coal Co/Laurel Creek Mine\	WV	54,000	11,818	0.66	11.65	123.81	\$29.26
Indiana Michigan Power (AEP)	Tanners Creek	BIT	C	Golden Oak Mining/Sapphire prep plnt	KY	51,700	13,334	1.50	6.30	128.60	\$34.30
Indiana Michigan Power (AEP)	Tanners Creek	BIT	C	Pen Coal Corp Kiah Creek Division	WV	61,800	11,852	0.66	10.82	124.23	\$29.45
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	American Coal Sales Galatia Mine	IL	138,500	12,105	1.12	6.42	129.01	\$31.23
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Aquila Energy Marketing	KY	15,100	12,264	0.72	12.42	111.06	\$27.24
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Arclair Company, L.L/Big Ridge	IL	105,700	12,274	1.73	7.20	108.16	\$26.55

2000 Directory of Power Plants Burning Wyoming Coal

Indiana (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Central Coal Co/Laurel Creek Mine\	WV	39,500	11,969	0.68	11.40	122.68	\$29.37
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Buchanan/Mcelroy	WV	80,900	12,577	2.26	8.80	99.62	\$25.06
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Buchanan/Mcelroy	OH	6,600	12,109	2.83	10.90	87.10	\$21.09
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Buchanan/Mcelroy B	VA	9,200	12,631	2.12	8.73	107.11	\$27.06
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Massey Coal Sales /Elk Run Coal Co.	WV	50,500	12,233	0.69	11.87	128.08	\$31.34
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Peabody Coalsales Co. Federal No. 2	WV	10,200	13,162	2.16	6.90	102.20	\$26.90
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Pen Coal Corp. Kiah Creek Division	WV	115,500	11,897	0.66	10.54	121.91	\$29.01
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Quaker Coal Coal Inc. Ridgetop Mine	KY	20,100	12,146	0.61	9.71	121.54	\$29.52
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Rag American Coal Sales	PA	27,600	13,124	2.15	7.62	106.78	\$28.03
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Southern Co En Mktg Lp Reington/P	WV	29,200	12,157	0.70	12.95	107.65	\$26.17
Indiana Michigan Power (AEP)	Tanners Creek	BIT	S	Southern Co. En Mktg Lp Remingt	WV	2,500	12,197	0.72	12.90	108.84	\$26.55
Indiana Michigan Power (AEP)	Tanners Creek	FO2	S	British Petroleum		9,600	139,679	0.09	0.00	528.93	na
Indiana Michigan Power (AEP)	Tanners Creek	SUB	C	Rochelle Coal - Rochelle/N. Antelope	WY	131,100	8,863	0.16	4.16	121.92	\$21.61
Indiana Michigan Power (AEP)	Tanners Creek	SUB	S	Enrol Capital & Trade Antelope	WY	9,100	8,839	0.28	5.40	104.60	\$18.49

Iowa



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Ames, City of	Ames	FO2	S	Various		10,690	137,300	0.20	0.00	398.85	na
Ames, City of	Ames	SUB	C	Rochelle, Wy	WY	222,000	8,887	0.18	4.38	141.29	\$12.58
IES Utilities, Inc	Burlington	FO2	S	Fauser Oil Co		345	140,000	0.10	0.00	271.40	na
IES Utilities, Inc	Burlington	NG	I	Various		410,434	1,037	0.00	0.00	291.26	na
IES Utilities, Inc	Burlington	SUB	C	Buckskin	WY	55,858	8,364	0.45	5.38	76.60	\$12.81
IES Utilities, Inc	Burlington	SUB	S	Buckskin	WY	593,765	8,282	0.43	5.51	79.92	\$13.24
IES Utilities, Inc	Burlington	SUB	S	Black Thunder	WY	11,821	8,854	0.31	4.37	79.10	\$14.01
MidAmerican Energy	Council Bluffs	FO2	S	Various		11,000	136,000	0.06	0.00	392.53	na
MidAmerican Energy	Council Bluffs	NG	I	Peoples Natural Gas		45,000	996	0.00	0.00	395.54	na
MidAmerican Energy	Council Bluffs	SUB	C	Cordero Mine	WY	201,000	8,377	0.34	6.05	75.88	\$12.71
MidAmerican Energy	Council Bluffs	SUB	C	Coal Creek Mine	WY	440,000	8,301	0.34	5.50	58.60	\$9.73
MidAmerican Energy	Council Bluffs	SUB	C	Eagle Butte Mine	WY	2,340,000	8,373	0.36	4.83	63.86	\$10.69

2000 Directory of Power Plants Burning Wyoming Coal

Iowa (con't)

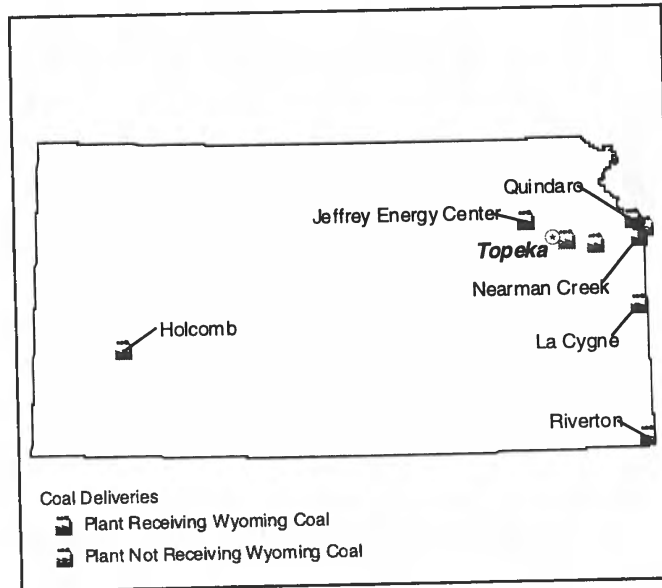
Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	c/MMBtu	\$/Ton
Interstate Power	Dubuque	BIT	C	Powerhorn Coal	CO	10,380	11,710	0.49	8.18	138.10	\$32.34
Interstate Power	Dubuque	BIT	C	West Elk	CO	41,612	11,612	0.50	9.42	140.00	\$32.51
Interstate Power	Dubuque	BIT	S	Rend Lake	IL	69,513	11,599	1.02	8.55	112.87	\$26.18
Interstate Power	Dubuque	FO2	S	Fauser Oil Co		1,061	140,000	0.02	0.00	392.30	na
Interstate Power	Dubuque	NG	S	Peoples Natural Gas		56,075	1,000	0.00	0.00	287.28	na
Interstate Power	Dubuque	SUB	S	Black Thunder	WY	6,179	8,715	0.34	5.49	101.10	\$17.62
MidAmerican Energy	George Neal 1-4	BIT	C	Seminole li	WY	67,000	11,087	0.39	5.89	110.35	\$24.47
MidAmerican Energy	George Neal 1-4	FO2	S	Pawnee Petroleum Products		5,000	136,000	0.00	0.00	269.00	na
MidAmerican Energy	George Neal 1-4	NG	I	Midamerican Energy		162,000	1,012	0.00	0.00	400.66	na
MidAmerican Energy	George Neal 1-4	SUB	C	Black Thunder Mine	WY	482,000	8,751	0.34	5.48	69.42	\$12.15
MidAmerican Energy	George Neal 1-4	SUB	C	Caballo Mine	WY	832,000	8,468	0.35	5.02	72.83	\$12.33
MidAmerican Energy	George Neal 1-4	SUB	C	Cordero Mine	WY	613,000	8,452	0.32	5.52	69.81	\$11.80
MidAmerican Energy	George Neal 1-4	SUB	NC	Caballo Mine	WY	1,909,000	8,473	0.35	5.01	72.84	\$12.34
MidAmerican Energy	George Neal 1-4	SUB	NC	Caballo Rojo Mine	WY	315,000	8,480	0.31	5.53	74.19	\$12.58
MidAmerican Energy	George Neal 1-4	SUB	NC	Coal Creek Mine	WY	579,000	8,305	0.34	5.42	72.73	\$12.08
MidAmerican Energy	George Neal 1-4	SUB	NC	Cordero Mine	WY	489,000	8,400	0.33	5.82	70.65	\$11.87
MidAmerican Energy	George Neal 1-4	SUB	S	Belle Ayr Mine	WY	1,004,000	8,585	0.29	4.38	72.61	\$12.47
MidAmerican Energy	George Neal 1-4	SUB	S	Caballo Rojo Mine	WY	49,000	8,521	0.32	5.19	68.82	\$11.73
Interstate Power	Lansing	BIT	S	Rend Lake	IL	43,401	11,244	1.08	10.60	117.34	\$26.39
Interstate Power	Lansing	FO2	S	Fauser Oil Co		11,028	140,000	0.02	0.00	392.20	na
Interstate Power	Lansing	NG	S	Interstate Power		15,671	1,000	0.00	0.00	416.80	na
Interstate Power	Lansing	SUB	S	Antelope	WY	14,426	8,762	0.17	4.94	99.70	\$17.47
Interstate Power	Lansing	SUB	S	Black Thunder	WY	1,034,809	8,712	0.34	5.69	100.38	\$17.49
MidAmerican Energy	Louisa	NG	I	Alliant Utilites		72,000	1,030	0.00	0.00	304.02	na
MidAmerican Energy	Louisa	SUB	C	Caballo Rojo Mine	WY	63,000	8,533	0.30	5.48	117.80	\$20.10
MidAmerican Energy	Louisa	SUB	C	Coal Creek Mine	WY	831,000	8,306	0.35	5.56	78.91	\$13.11
MidAmerican Energy	Louisa	SUB	C	Cordero Mine	WY	1,167,000	8,382	0.33	5.93	92.75	\$15.55
MidAmerican Energy	Louisa	SUB	C	Eagle Butte Mine	WY	643,000	8,367	0.35	4.70	80.80	\$13.52
Interstate Power	M. L. Kapp	BIT	C	Powerhorn	CO	364,373	11,610	0.50	9.10	133.84	\$31.08
Interstate Power	M. L. Kapp	BIT	C	West Elk	CO	20,990	11,657	0.47	9.31	132.60	\$30.91
Interstate Power	M. L. Kapp	NG	S	Various		99,160	1,000	0.00	0.00	426.09	na
Interstate Power	M. L. Kapp	SUB	S	Black Thunder	WY	228,683	8,721	0.33	5.65	101.87	\$17.77
Muscatine Power and Water	Muscatine	FO2	S	Various		4,900	138,500	0.50	0.00	497.09	na
Muscatine Power and Water	Muscatine	NG	I	Natural Gas Pipeline of America		288,126	1,027	0.00	0.00	319.37	na
Muscatine Power and Water	Muscatine	SUB	C	Buckskin Mine - Triton Coal	WY	1,146,000	8,244	0.89	6.66	76.97	\$12.69
IES Utilities, Inc	Ottumwa	FO2	S	Fauser Oil Co		7,783	140,000	0.02	0.00	456.61	na
IES Utilities, Inc	Ottumwa	SUB	C	Cordero Rojo Complex	WY	1,431,715	8,396	0.33	5.83	102.76	\$17.26
IES Utilities, Inc	Ottumwa	SUB	S	Belle Ayr	WY	85,668	8,606	0.28	4.32	73.30	\$12.62
IES Utilities, Inc	Ottumwa	SUB	S	Black Thunder	WY	73,405	8,746	0.33	5.79	69.93	\$12.23
IES Utilities, Inc	Ottumwa	SUB	S	Coal Creek (Mec)	WY	611,834	8,302	0.35	5.51	68.78	\$11.42
IES Utilities, Inc	Ottumwa	SUB	S	Cordero Rojo Complex	WY	988,679	8,390	0.34	5.91	73.19	\$12.28
IES Utilities, Inc	Praire Creek 1-4	FO2	S	Fauser Oil Co.		1,215	140,000	0.06	0.00	427.22	na
IES Utilities, Inc	Praire Creek 1-4	NG	S	Midamerican Energy		756,988	1,000	0.00	0.00	328.93	na
IES Utilities, Inc	Praire Creek 1-4	SUB	C	Cordero Rojo Complex	WY	173,339	8,348	0.35	5.99	83.60	\$13.96
IES Utilities, Inc	Praire Creek 1-4	SUB	S	Black Thunder	WY	257,331	8,683	0.32	5.40	98.23	\$17.06
IES Utilities, Inc	Praire Creek 1-4	SUB	S	Caballo	WY	282,572	8,504	0.36	5.17	83.68	\$14.23
IES Utilities, Inc	Praire Creek 1-4	SUB	S	Cordero Rojo Complex	WY	253,310	8,371	0.32	5.69	83.80	\$14.03
MidAmerican Energy	Riverside	NG	F	Midamerican Energy		276,000	1,010	0.00	0.00	341.51	na
MidAmerican Energy	Riverside	SUB	C	Caballo Rojo Mine	WY	100,000	8,604	0.31	4.34	83.35	\$14.34
MidAmerican Energy	Riverside	SUB	C	Coal Creek Mine	WY	199,000	8,359	0.32	5.16	84.75	\$14.17
MidAmerican Energy	Riverside	SUB	C	Cordero Mine	WY	153,000	8,422	0.32	5.61	87.55	\$14.75

2000 Directory of Power Plants Burning Wyoming Coal

Iowa (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
IES Utilities, Inc	Sutherland	BIT	S	Shoshone	WY	40,151	10,750	0.61	5.98	115.19	\$24.77
IES Utilities, Inc	Sutherland	FO2	S	Fausser Oil Co		98,083	140,000	0.07	0.00	394.32	na
IES Utilities, Inc	Sutherland	NG	S	Northern Natural		535,875	1,000	0.00	0.00	313.15	na
IES Utilities, Inc	Sutherland	SUB	C	Black Thunder	WY	40,593	8,734	0.30	5.49	72.60	\$12.68
IES Utilities, Inc	Sutherland	SUB	S	Black Thunder	WY	360,738	8,739	0.35	5.54	74.25	\$12.98
IES Utilities, Inc	Sutherland	SUB	S	Caballo	WY	13,526	8,484	0.32	4.69	71.50	\$12.13
IES Utilities, Inc	Sutherland	SUB	S	Coal Creek	WY	119,544	8,287	0.34	5.43	73.95	\$12.26

Kansas



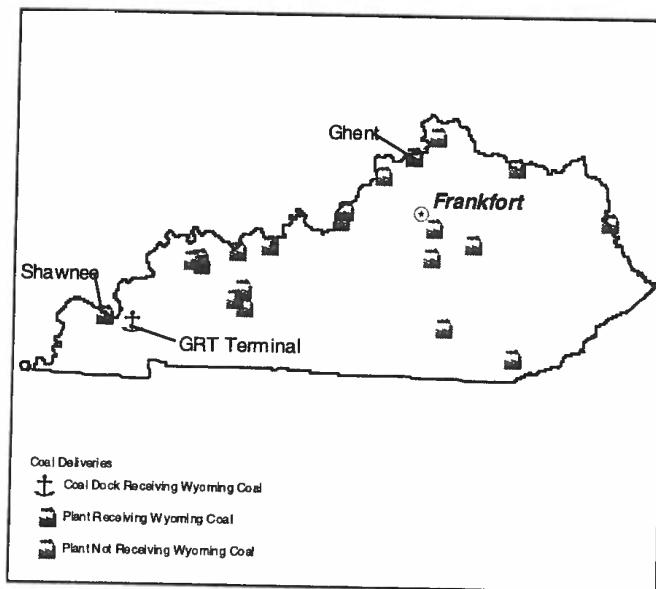
Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Sunflower Electric Power Corp	Holcomb Unit #1	NG	F	Peoples (Estimate)		129,622	975	0.00	0.00	240.94	na
Sunflower Electric Power Corp	Holcomb Unit #1	SUB	C	Caballo Rojo	WY	1,527,978	8,468	0.31	5.38	106.33	\$18.01
KP&L, A Western Resources Co	Jeffrey	FO2	S	Various		40,000	138,000	0.32	0.00	466.57	na
KP&L, A Western Resources Co	Jeffrey	SUB	C	Belle Ayr-Eagle Butte	WY	8,889,000	8,380	0.35	4.78	110.64	\$18.54
Kansas City Power and Light	La Cygne	BIT	S	Big Osage	KS	205,000	10,736	4.18	20.32	106.04	\$22.77
Kansas City Power and Light	La Cygne	BIT	S	Laberdie li	KS	195,000	11,174	3.93	18.82	101.57	\$22.70
Kansas City Power and Light	La Cygne	FO2	S	Various		122,000	138,184	0.06	0.00	436.86	na
Kansas City Power and Light	La Cygne	SUB	C	Black Thunder	WY	73,000	8,760	0.32	5.42	79.96	\$14.01
Kansas City Power and Light	La Cygne	SUB	S	Black Thunder	WY	14,000	8,740	0.33	5.40	79.20	\$13.84
Kansas City Power and Light	La Cygne	SUB	S	Caballo	WY	2,867,000	8,458	0.35	5.05	63.46	\$10.73
Kansas City Power and Light	La Cygne	SUB	S	Caballo Rojo	WY	1,410,000	8,458	0.31	5.40	64.12	\$10.85
Kansas City Power and Light	La Cygne	SUB	S	Coal Creek	WY	85,000	8,285	0.35	5.49	66.45	\$11.01
Kansas City Power and Light	La Cygne	SUB	S	Cordero	WY	606,000	8,397	0.33	5.79	64.09	\$10.76
Kansas City Power and Light	La Cygne	SUB	S	North Antelope	WY	14,000	8,806	0.18	4.50	69.00	\$12.15
Kansas City Bd Public Utilities	Nearman Creek	FO2	S	Various		13,500	138,000	0.50	3.95	414.24	na
Kansas City Bd Public Utilities	Nearman Creek	SUB	C	Dry Fork Mine	WY	789,500	8,245	0.43	5.28	67.14	\$11.07

2000 Directory of Power Plants Burning Wyoming Coal

Kansas (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Kansas City Bd Public Utilities	Quindaro	FO2	S	Various		50,780	138,000	0.50	0.04	416.79	na
Kansas City Bd Public Utilities	Quindaro	NG	S	Various		1,152,400	999	0.10	0.00	260.89	na
Kansas City Bd Public Utilities	Quindaro	SUB	C	Black Thunder Mine	WY	572,000	8,758	0.32	5.36	87.78	\$15.38
Kansas City Bd Public Utilities	Quindaro	SUB	S	North Rochelle Triton Coal Co.	WY	39,000	8,770	0.25	4.37	91.13	\$15.98
Empire Dist Electric	Riverton	BIT	C	Bunker Hill Mine	OK	65,802	12,321	3.34	11.21	118.85	\$29.29
Empire Dist Electric	Riverton	BIT	S	Peabody Coal Trade	UT	2,986	12,425	0.45	8.31	147.60	\$36.68
Empire Dist Electric	Riverton	NG	S	Williams Pipeline		963,360	1,001	0.00	0.00	255.32	na
Empire Dist Electric	Riverton	SUB	C	N. Antelope/Rochelle Mines	WY	258,179	8,777	0.21	4.25	114.00	\$20.01

Kentucky



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Kentucky Utilities	Ghent	BIT	C	Arch Coal Sales Co	KY	27,390	12,324	0.67	11.62	117.40	\$28.94
Kentucky Utilities	Ghent	BIT	C	Arch Coal Sales Co., Inc.	WV	1,137,890	12,348	0.67	11.61	121.69	\$30.05
Kentucky Utilities	Ghent	BIT	C	Black Beauty Coal, Co.	IN	293,620	11,220	3.24	9.31	99.19	\$22.26
Kentucky Utilities	Ghent	BIT	C	Black Hawk Synfuel, Llc	WV	42,860	12,113	0.65	12.34	108.90	\$26.38
Kentucky Utilities	Ghent	BIT	C	Cannelton Inc	WV	37,440	12,423	0.64	13.07	120.26	\$29.88
Kentucky Utilities	Ghent	BIT	C	Consol, Inc.	WV	674,850	12,227	3.72	10.63	89.71	\$21.94
Kentucky Utilities	Ghent	BIT	C	Directo Coal Sales ,Llc	WV	256,720	12,313	0.70	12.91	120.48	\$29.67
Kentucky Utilities	Ghent	BIT	C	Knott-Floyd Land Co	KY	33,120	12,012	0.71	12.25	122.56	\$29.44
Kentucky Utilities	Ghent	BIT	C	Lanham Mining Co.	KY	182,770	11,222	3.11	8.60	101.05	\$22.58
Kentucky Utilities	Ghent	BIT	C	Logan & Kanawha Coal Co.,	WV	382,160	12,086	0.69	11.14	117.90	\$28.50
Kentucky Utilities	Ghent	BIT	C	Pen Coal Corporation	WV	325,090	11,997	0.66	10.62	119.30	\$28.62
Kentucky Utilities	Ghent	BIT	S	Arch Coal Sales Co.	WV	482,510	12,214	0.68	12.47	119.54	\$29.20
Kentucky Utilities	Ghent	BIT	S	Arch Coal Sales Co., Inc.	KY	68,410	10,332	0.54	23.29	95.93	\$19.82
Kentucky Utilities	Ghent	BIT	S	Coal	WV	35	12,415	0.71	12.30	113.20	\$28.11
Kentucky Utilities	Ghent	BIT	S	Colona Synfuel, Lllp	KY	97,970	12,314	1.64	10.26	86.47	\$21.30
Kentucky Utilities	Ghent	BIT	S	Consol, Inc.	WV	248,870	12,058	3.89	12.30	77.94	\$18.80
Kentucky Utilities	Ghent	BIT	S	Dynergy Marketing & Trade	WV	34,550	12,438	0.71	12.46	111.12	\$27.64
Kentucky Utilities	Ghent	BIT	S	Knott Floyd Land Co	KY	18,430	12,209	0.66	11.85	115.95	\$28.31

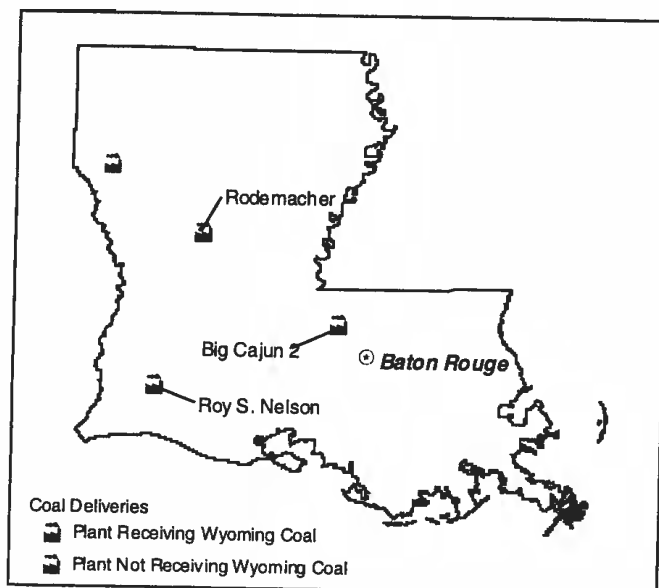
2000 Directory of Power Plants Burning Wyoming Coal

Kentucky (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	c/MMBtu	\$/Ton
Kentucky Utilities	Ghent	BIT	S	Lakeway Fuel Corp.	KY	162,480	11,952	0.67	11.88	119.61	\$28.59
Kentucky Utilities	Ghent	BIT	S	Mapco	KY	17,510	12,693	0.80	7.50	109.40	\$27.77
Kentucky Utilities	Ghent	BIT	S	Massey Coals Sales	WV	310,700	12,563	0.72	10.89	119.46	\$30.02
Kentucky Utilities	Ghent	BIT	S	Patrick Processing	KY	20,750	12,094	0.65	11.90	118.64	\$28.70
Kentucky Utilities	Ghent	BIT	S	Pittston Coal Sales Corp.	WV	277,380	12,335	0.66	11.57	116.54	\$28.75
Kentucky Utilities	Ghent	BIT	S	Southern Co Energy Marketing	WV	7,760	12,336	0.70	12.80	112.80	\$27.83
Kentucky Utilities	Ghent	FO2	S	Various		34,090	140,000	0.40	0.00	501.17	na
Kentucky Utilities	Ghent	SUB	S	Peabody Coal Sales	WY	303,670	8,856	0.18	4.40	108.18	\$19.16
Tennessee Valley Authority	GRT Terminal	BIT	C	Arclar	IL	153,950	12,429	1.78	7.18	99.08	\$24.63
Tennessee Valley Authority	GRT Terminal	BIT	C	Baker No. 13	KY	1,832,940	12,312	2.13	9.66	102.75	\$25.30
Tennessee Valley Authority	GRT Terminal	BIT	C	Belinda 1&2	UT	11,000	11,800	0.66	7.50	125.29	\$29.57
Tennessee Valley Authority	GRT Terminal	BIT	C	Bowie #1	CO	50,770	12,098	0.46	8.56	121.89	\$29.49
Tennessee Valley Authority	GRT Terminal	BIT	C	Bowie #2	CO	252,150	12,013	0.46	7.57	116.27	\$27.94
Tennessee Valley Authority	GRT Terminal	BIT	C	Brushy Creek	IL	10,170	11,600	2.70	12.00	104.74	\$24.30
Tennessee Valley Authority	GRT Terminal	BIT	C	Cyprus Cumberland	PA	56,530	13,044	2.47	7.90	109.66	\$28.61
Tennessee Valley Authority	GRT Terminal	BIT	C	Dotiki	KY	59,810	12,882	3.05	9.46	115.81	\$29.84
Tennessee Valley Authority	GRT Terminal	BIT	C	Eagle Valley	IL	398,370	12,789	2.52	8.38	104.03	\$26.61
Tennessee Valley Authority	GRT Terminal	BIT	C	Foidel Creek	CO	1,760,770	11,288	0.48	9.62	121.26	\$27.38
Tennessee Valley Authority	GRT Terminal	BIT	C	Galatia	IL	190,390	12,000	1.70	8.00	107.03	\$25.69
Tennessee Valley Authority	GRT Terminal	BIT	C	Genwall	UT	11,160	12,500	0.65	10.00	132.38	\$33.10
Tennessee Valley Authority	GRT Terminal	BIT	C	Sanborn Creek	CO	73,950	12,489	0.57	9.94	114.41	\$28.58
Tennessee Valley Authority	GRT Terminal	BIT	C	West Elk (Cook Terminal)	CO	520,590	11,659	0.48	8.83	125.18	\$29.19
Tennessee Valley Authority	GRT Terminal	BIT	S	Brushy Creek	IL	10,710	11,600	2.70	12.00	89.44	\$20.75
Tennessee Valley Authority	GRT Terminal	BIT	S	Co-Op Mining Comany (Cook)0	UT	11,170	12,098	0.63	10.85	122.83	\$29.72
Tennessee Valley Authority	GRT Terminal	BIT	S	Magic	KY	138	11,498	1.78	10.12	98.70	\$22.70
Tennessee Valley Authority	GRT Terminal	BIT	S	Rend Lake	IL	138,460	11,802	1.12	7.13	119.50	\$28.21
Tennessee Valley Authority	GRT Terminal	BIT	S	West Elk	CO	105,030	11,200	0.48	11.40	121.03	\$27.11
Tennessee Valley Authority	GRT Terminal	SUB	C	Antelope	WY	716,590	8,823	0.24	5.29	95.74	\$16.89
Tennessee Valley Authority	GRT Terminal	SUB	C	Black Thunder	WY	1,266,020	8,746	0.33	5.39	96.14	\$16.82
Tennessee Valley Authority	GRT Terminal	SUB	C	Jacobs Ranch(Cook Terminal)	WY	647,020	8,673	0.38	5.37	96.04	\$16.66
Tennessee Valley Authority	GRT Terminal	SUB	C	Rochelle	WY	65,430	8,871	0.18	4.43	97.63	\$17.32
Tennessee Valley Authority	GRT Terminal	SUB	S	Jacobs Ranch	WY	56,120	8,700	0.35	5.69	96.95	\$16.87
Tennessee Valley Authority	Shawnee	BIT	C	Bowie #1	CO	352,770	12,044	0.40	7.16	136.21	\$32.81
Tennessee Valley Authority	Shawnee	BIT	C	Bowie #2	CO	496,350	12,111	0.42	6.74	130.33	\$31.57
Tennessee Valley Authority	Shawnee	BIT	C	Sanborn Creek	CO	10,370	12,333	0.59	10.52	129.77	
Tennessee Valley Authority	Shawnee	BIT	C	West Elk	CO	1,880,710	11,680	0.49	8.88	132.38	\$30.92
Tennessee Valley Authority	Shawnee	BIT	S	Brushy Creek	IL	235,760	11,787	2.51	10.22	101.00	\$23.81
Tennessee Valley Authority	Shawnee	BIT	S	West Elk	CO	347,750	11,743	0.47	8.81	129.28	\$30.36
Tennessee Valley Authority	Shawnee	FO2	C	Various		29,430	139,900	0.50	0.00	396.59	na
Tennessee Valley Authority	Shawnee	SUB	C	Antelope	WY	14,190	8,765	0.34	5.89	96.69	\$16.95
Tennessee Valley Authority	Shawnee	SUB	C	Black Thunder	WY	450,490	8,734	0.35	5.42	101.83	\$17.79

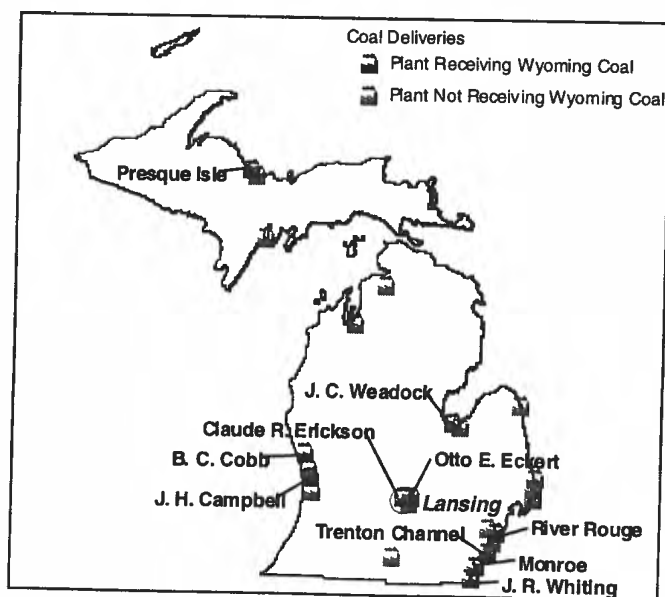
2000 Directory of Power Plants Burning Wyoming Coal

Louisiana



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Cajun Electric Power Coop	Big Cajun No.2	FO2	C	Pumpelly		30,923	140,000	0.05	0.02	356.07	na
Cajun Electric Power Coop	Big Cajun No.2	SUB	C	Jacobs Ranch Coal Company	WY	179,806	8,691	0.40	5.39	152.66	\$26.54
Cajun Electric Power Coop	Big Cajun No.2	SUB	C	Triton Coal - Buckskin	WY	6,467,897	8,328	0.46	5.79	146.04	\$24.32
Central Louisiana Electric	Rodemacher	NG	I	Various		14,764,000	1,045	0.00	0.00	231.66	na
Central Louisiana Electric	Rodemacher	SUB	C	Jacobs Ranch Mine (1)	WY	1,947,000	8,611	0.70	7.70	137.88	\$23.75
Central Louisiana Electric	Rodemacher	SUB	C	Rochelle Mine (1)	WY	107,000	8,678	0.23	4.62	137.09	\$23.79
Entergy Gulf States, Inc	Roy S. Nelson	FO2	S	Various		15,700	138,000	0.00	0.00	1376.81	na
Entergy Gulf States, Inc	Roy S. Nelson	NG	S	Various		26,192,400	1,036	0.00	0.00	236.30	na
Entergy Gulf States, Inc	Roy S. Nelson	SUB	C	Jacobs Ranch (F)	WY	2,342,700	8,629	0.45	5.80	129.63	\$22.37

Michigan



2000 Directory of Power Plants Burning Wyoming Coal

Michigan (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Consumers Energy	B. C. Cobb	BIT	S	Tanoma	WV	332,600	12,671	1.51	10.37	131.97	\$33.44
Consumers Energy	B. C. Cobb	FO2	S	Lemmen Oil		800	138,000	0.50	0.01	331.50	na
Consumers Energy	B. C. Cobb	SUB	S	Venture	MT	554,000	9,048	0.50	6.54	116.00	\$20.99
Consumers Energy	B. C. Cobb	SUB	C	Black Thunder	WY	175,200	8,765	0.34	5.49	104.70	\$18.35
Lansing Board of Water and Light	Claude R. Erickson	BIT	C	Coastal (Roxanna)	KY	90,200	12,577	0.84	8.76	156.95	\$39.48
Lansing Board of Water and Light	Claude R. Erickson	BIT	C	Enterprise (Roxanna)	KY	134,400	12,568	0.91	9.02	157.42	\$39.57
Lansing Board of Water and Light	Claude R. Erickson	BIT	C	Lodestar (Pratter Creek)	KY	69,900	12,777	0.88	7.42	163.67	\$41.82
Lansing Board of Water and Light	Claude R. Erickson	BIT	S	Aei(Bates Branch)	KY	30,300	12,840	0.80	7.82	153.38	\$39.39
Lansing Board of Water and Light	Claude R. Erickson	BIT	S	Electric Fuels(Yel Crk)	KY	51,400	12,846	0.78	8.39	160.04	\$41.12
Lansing Board of Water and Light	Claude R. Erickson	BIT	S	Logan & Kanawha (Camp Crk)	WV	32,400	12,454	0.88	10.06	152.28	\$37.93
Lansing Board of Water and Light	Claude R. Erickson	BIT	S	Massey(Power Mountain)	WV	21,100	12,782	0.82	10.13	156.10	\$39.90
Lansing Board of Water and Light	Claude R. Erickson	BIT	S	Woodruff(Cheyenne 1)	KY	38	12,433	0.99	11.76	157.76	\$39.23
Lansing Board of Water and Light	Claude R. Erickson	FO2	S	Capitol City Oil		1,990	138,000	0.28	0.00	341.00	na
Lansing Board of Water and Light	Claude R. Erickson	SUB	C	Kennekott (Antelope)	WY	4,500	8,839	0.18	4.94	132.27	\$23.38
Consumers Energy	J. C. Weadock	BIT	C	Fola	WV	91,600	12,472	0.86	11.85	151.58	\$37.81
Consumers Energy	J. C. Weadock	BIT	C	Hobet	WV	101,700	12,114	0.80	11.92	147.76	\$35.80
Consumers Energy	J. C. Weadock	BIT	C	Ivel	KY	22,000	12,000	0.99	12.00	145.70	\$34.97
Consumers Energy	J. C. Weadock	BIT	C	Sharples	WV	38,900	12,016	0.77	11.91	150.87	\$36.26
Consumers Energy	J. C. Weadock	BIT	C	Sidewinder	KY	11	12,742	0.78	9.50	152.40	\$38.84
Consumers Energy	J. C. Weadock	BIT	C	Tanoma	WV	59,600	12,338	0.99	11.60	146.50	\$36.15
Consumers Energy	J. C. Weadock	BIT	S	Ivel	KY	31,700	12,000	0.99	12.00	144.00	\$34.56
Consumers Energy	J. C. Weadock	BIT	S	Sharples	WV	61,600	12,100	0.97	12.00	141.66	\$34.28
Consumers Energy	J. C. Weadock	BIT	S	Sunny Knott	KY	15	12,000	0.96	12.00	142.38	\$34.17
Consumers Energy	J. C. Weadock	FO2	S	Various		90,000	138,000	0.50	0.00	413.52	na
Consumers Energy	J. C. Weadock	SUB	C	Venture	MT	241,700	9,021	0.49	6.52	118.32	\$21.35
Consumers Energy	J. C. Weadock	SUB	S	Venture	MT	179,700	9,037	0.50	6.63	116.95	\$21.14
Consumers Energy	J. C. Weadock	SUB	C	Black Thunder	WY	660,330	8,752	0.33	5.40	98.46	\$17.23
Consumers Energy	J. C. Weadock	SUB	S	Antelope	WY	13,100	8,827	0.30	5.90	100.10	\$17.67
Consumers Energy	J. C. Weadock	SUB	S	Black Thunder	WY	91,500	8,711	0.36	5.72	101.23	\$17.64
Consumers Energy	J. C. Weadock	SUB	S	Jacobs Ranch	WY	13,100	8,589	0.45	5.90	96.50	\$16.58
Consumers Energy	J. H. Campbell	BIT	C	Sidewinder	KY	1,109,100	12,911	0.73	8.54	158.65	\$40.97
Consumers Energy	J. H. Campbell	BIT	C	Hobet	WV	1,084,700	12,134	0.72	12.38	165.17	\$40.08
Consumers Energy	J. H. Campbell	BIT	C	Sharples	WV	361,000	12,001	0.77	12.17	160.16	\$38.44
Consumers Energy	J. H. Campbell	BIT	S	Ivel	KY	9,500	11,620	0.72	12.90	155.70	\$36.18
Consumers Energy	J. H. Campbell	BIT	S	Myra	KY	9,400	12,801	0.77	9.00	166.70	\$42.68
Consumers Energy	J. H. Campbell	BIT	S	Scotts Branch	KY	10,100	12,323	0.64	8.20	155.20	\$38.25
Consumers Energy	J. H. Campbell	BIT	S	Sunny Knott	KY	31,800	12,039	0.91	12.40	157.23	\$37.86
Consumers Energy	J. H. Campbell	BIT	S	Sharples	WV	94,200	12,072	0.84	11.89	153.63	\$37.09
Consumers Energy	J. H. Campbell	FO2	S	Various		27,300	138,000	0.50	0.01	417.11	na
Consumers Energy	J. H. Campbell	SUB	C	Black Thunder	WY	1,170,200	8,747	0.32	5.50	98.41	\$17.22
Consumers Energy	J. H. Campbell	SUB	C	Jacobs Ranch	WY	12,700	8,647	0.44	6.20	100.80	\$17.43
Consumers Energy	J. H. Campbell	SUB	S	Antelope	WY	12,800	8,887	0.30	5.90	99.30	\$17.65
Consumers Energy	J. H. Campbell	SUB	S	Black Thunder	WY	208,000	8,752	0.32	5.36	101.02	\$17.68
Consumers Energy	J. H. Campbell	SUB	S	Jacobs Ranch	WY	52,700	8,620	0.43	5.60	96.45	\$16.63
Consumers Energy	J. R. Whiting	BIT	C	Fola	WV	21,200	12,624	0.80	11.61	143.62	\$36.26
Consumers Energy	J. R. Whiting	BIT	C	Hobet	WV	41,100	12,029	0.76	12.20	145.23	\$34.94
Consumers Energy	J. R. Whiting	BIT	C	Sharples	WV	312,400	12,069	0.81	11.81	144.12	\$34.79
Consumers Energy	J. R. Whiting	BIT	C	Sidewinder	KY	31,800	12,848	0.85	9.33	147.95	\$38.02
Consumers Energy	J. R. Whiting	BIT	S	Ivel	KY	19,900	12,000	0.99	12.00	139.51	\$33.48
Consumers Energy	J. R. Whiting	BIT	S	Sharples	WV	92,700	12,100	0.97	12.00	135.10	\$32.69
Consumers Energy	J. R. Whiting	BIT	S	Sunny Knott	KY	101,800	12,000	0.96	12.00	139.95	\$33.59
Consumers Energy	J. R. Whiting	FO2	S	Various		7,100	138,000	0.50	0.00	448.76	na
Consumers Energy	J. R. Whiting	SUB	C	Black Thunder	WY	155,800	8,765	0.32	5.49	102.93	\$18.04
Consumers Energy	J. R. Whiting	SUB	S	Black Thunder	WY	183,000	8,752	0.32	5.47	106.17	\$18.58
Consumers Energy	J. R. Whiting	SUB	S	Jacobs Ranch	WY	26,600	8,709	0.55	5.45	101.65	\$17.70

2000 Directory of Power Plants Burning Wyoming Coal

Michigan (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	c/MMBtu	\$/Ton
Detroit Edison	Monroe	BIT	C	Bailey	PA	484,000	13,093	1.54	6.70	118.66	\$31.07
Detroit Edison	Monroe	BIT	C	Mine 84	PA	722,000	13,227	1.38	6.66	122.01	\$32.28
Detroit Edison	Monroe	BIT	S	Bailey	PA	152,000	13,046	1.65	6.74	113.61	\$29.64
Detroit Edison	Monroe	BIT	S	Buckeye	KY	22,000	13,303	0.72	6.40	130.90	\$34.83
Detroit Edison	Monroe	BIT	S	Cheyenne	KY	11,000	12,900	0.93	9.40	125.10	\$32.28
Detroit Edison	Monroe	BIT	S	Clark Elkhorn	KY	22,000	13,010	0.98	8.30	129.60	\$33.72
Detroit Edison	Monroe	BIT	S	Clintwood Elkhorn	KY	69,000	13,275	0.94	6.88	143.46	\$38.09
Detroit Edison	Monroe	BIT	S	Diamond May	KY	36,000	12,847	0.78	7.80	130.10	\$33.43
Detroit Edison	Monroe	BIT	S	Damron	KY	175,000	12,846	0.83	8.82	129.29	\$33.22
Detroit Edison	Monroe	BIT	S	Knott County	KY	40,000	12,836	1.39	3.80	129.29	\$33.19
Detroit Edison	Monroe	BIT	S	Leatherwood	KY	11,000	12,808	0.86	8.80	131.30	\$33.63
Detroit Edison	Monroe	BIT	S	Elk Run	WV	13,000	12,824	0.83	9.80	129.90	\$33.32
Detroit Edison	Monroe	BIT	S	Gooseneck-Sunnyridge	KY	48,000	13,262	0.86	8.30	129.38	\$34.32
Detroit Edison	Monroe	BIT	S	Harris	WV	84,000	13,357	0.87	6.45	128.05	\$34.21
Detroit Edison	Monroe	BIT	S	Jones Fork	KY	437,000	12,647	0.94	8.57	125.63	\$31.78
Detroit Edison	Monroe	BIT	S	Pohtiki	KY	27,000	12,763	0.74	8.10	130.12	\$33.21
Detroit Edison	Monroe	BIT	S	Liberty (Independence)	WV	60,000	12,960	0.82	8.73	124.48	\$32.26
Detroit Edison	Monroe	BIT	S	Marris	WV	62,000	13,625	0.87	5.88	129.61	\$35.32
Detroit Edison	Monroe	BIT	S	Mc Mining	KY	23,000	12,905	0.64	7.55	119.28	\$30.79
Detroit Edison	Monroe	BIT	S	Mccoy Elkhorn	KY	35,000	12,981	0.91	7.70	128.40	\$33.34
Detroit Edison	Monroe	BIT	S	Mcvicker	KY	22,000	12,838	0.89	8.60	129.00	\$33.12
Detroit Edison	Monroe	BIT	S	Mingo Longan	WV	134,000	13,025	0.72	8.98	131.44	\$34.24
Detroit Edison	Monroe	BIT	S	New Ridge	KY	89,000	12,803	0.87	8.40	123.88	\$31.72
Detroit Edison	Monroe	BIT	S	Premier Elkhorn	KY	11,000	13,216	0.78	6.70	126.50	\$33.44
Detroit Edison	Monroe	BIT	S	Rocklick	WV	444,000	13,043	0.84	7.95	126.40	\$32.97
Detroit Edison	Monroe	BIT	S	Roxana	KY	10,000	12,820	0.82	7.00	133.70	\$34.28
Detroit Edison	Monroe	BIT	S	Sidney	KY	39,000	12,745	0.86	8.41	128.36	\$32.72
Detroit Edison	Monroe	BIT	S	Sloans Branch	KY	9,000	12,445	1.04	9.60	134.60	\$33.50
Detroit Edison	Monroe	BIT	S	Sprouse	WV	10,000	13,105	1.61	6.70	130.40	\$34.18
Detroit Edison	Monroe	BIT	S	Sunny Ridge	KY	23,000	12,725	1.22	8.95	127.00	\$32.32
Detroit Edison	Monroe	BIT	S	Sunny Knott	KY	3,300	12,480	1.03	9.30	127.33	\$31.78
Detroit Edison	Monroe	FO2	S	Warner Petroleum, Detroit, Mi		90,271	138,410	0.26	0.00	382.53	na
Detroit Edison	Monroe	SUB	C	Antelope	WY	162,000	8,794	0.22	5.36	96.35	\$16.95
Detroit Edison	Monroe	SUB	C	Black Thunder	WY	1,982,000	8,760	0.33	5.33	98.66	\$17.29
Detroit Edison	Monroe	SUB	C	North Antelope	WY	2,673,000	8,786	0.19	4.52	100.35	\$17.63
Detroit Edison	Monroe	SUB	S	Antelope	WY	27,000	8,807	0.20	5.30	97.50	\$17.17
Detroit Edison	Monroe	SUB	S	Jacobs Ranch	WY	14,000	8,705	0.35	5.20	88.30	\$15.37
Detroit Edison	Monroe	SUB	S	North Rochelle	WY	14,000	8,490	0.24	6.00	96.70	\$16.42
Lansing Board of Water and Light	Otto E. Eckert	BIT	C	Coastal (Roxanna)	KY	3,600	12,549	0.95	9.18	157.63	\$39.56
Lansing Board of Water and Light	Otto E. Eckert	BIT	C	Enterprise (Roxanna)	KY	29,100	12,545	0.89	8.73	156.97	\$39.38
Lansing Board of Water and Light	Otto E. Eckert	BIT	C	Lodestrar (Pratter Creek)	KY	90,700	12,717	0.88	8.37	164.54	\$41.85
Lansing Board of Water and Light	Otto E. Eckert	BIT	S	Aei(Bates Branch)	KY	11,800	12,775	0.82	7.84	154.11	\$39.38
Lansing Board of Water and Light	Otto E. Eckert	BIT	S	Electric Fuels (Yellow Creek)	KY	30,800	12,867	0.82	7.78	159.77	\$41.11
Lansing Board of Water and Light	Otto E. Eckert	BIT	S	Logan & Kanawha, Camp Crk	WV	21,290	12,279	0.87	9.72	154.42	\$37.92
Lansing Board of Water and Light	Otto E. Eckert	BIT	S	Massey (Power Mountain)	WV	2,300	12,827	0.81	4.00	152.60	\$39.15
Lansing Board of Water and Light	Otto E. Eckert	BIT	S	Spot-Coastal (Roxanna)	KY	6,500	12,535	0.91	8.90	158.42	\$39.72
Lansing Board of Water and Light	Otto E. Eckert	BIT	S	Woodruff(Cheyenne 1)	KY	4,090	12,664	1.00	11.06	157.55	\$39.90
Lansing Board of Water and Light	Otto E. Eckert	FO2	S	Capitol City Oil		10,130	138,000	0.30	0.00	341.00	na
Lansing Board of Water and Light	Otto E. Eckert	SUB	C	Kennecott (Antelope)	WY	700,900	8,804	0.28	5.40	132.99	\$23.42
Wisconsin Electric Power	Presque Isle	BIT	C	Oxbow	CO	807,000	11,813	0.51	9.07	139.16	\$32.88
Wisconsin Electric Power	Presque Isle	BIT	S	Tanoma	KY	21,000	13,000	0.79	7.95	146.50	\$38.09
Wisconsin Electric Power	Presque Isle	FO2	S	Halron		17,000	139,300	0.27	0.00	384.92	na
Wisconsin Electric Power	Presque Isle	PC	S	Oxbow		77,000	14,154	1.32	3.90	64.91	\$18.37
Wisconsin Electric Power	Presque Isle	SUB	C	Decker/Spring Creek	MT	434,000	9,046	0.28	4.83	104.23	\$18.86
Wisconsin Electric Power	Presque Isle	SUB	C	Antelope	WY	532,000	9,046	0.28	4.82	97.37	\$17.62
Detroit Edison	River Rouge	BFG	I	National Steel, Ecorse, Mi		13,542,834	73	0.00	0.00	89.69	na

2000 Directory of Power Plants Burning Wyoming Coal

Michigan (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Detroit Edison	River Rouge	BIT	C	Bailey	PA	64,000	13,178	1.50	6.60	129.80	\$34.21
Detroit Edison	River Rouge	BIT	C	Dilworth	PA	12,000	13,134	1.54	7.50	134.80	\$35.41
Detroit Edison	River Rouge	BIT	C	Mine 84	PA	160,000	13,288	1.42	6.56	129.69	\$34.47
Detroit Edison	River Rouge	BIT	S	Bailey	PA	37,000	13,172	1.34	6.67	118.18	\$31.13
Detroit Edison	River Rouge	BIT	S	Buckeye	KY	22,000	13,302	0.73	6.00	131.05	\$34.86
Detroit Edison	River Rouge	BIT	S	Cheyenne	KY	11,000	13,055	0.93	8.70	125.40	\$32.74
Detroit Edison	River Rouge	BIT	S	Damron(Sidewinder)	KY	34,000	12,865	0.83	9.20	129.60	\$33.35
Detroit Edison	River Rouge	BIT	S	Harris	WV	5,000	13,124	0.85	7.60	128.20	\$33.65
Detroit Edison	River Rouge	BIT	S	Jones Fork	KY	122,000	12,694	0.96	8.29	126.83	\$32.20
Detroit Edison	River Rouge	BIT	S	Liberty (Independence)	WV	39,000	12,912	0.83	9.05	125.16	\$32.32
Detroit Edison	River Rouge	BIT	S	Mccoey Elkhorn	KY	12,000	13,174	0.92	7.00	127.30	\$33.54
Detroit Edison	River Rouge	BIT	S	Mcvicker	KY	42,000	12,982	0.97	7.34	130.79	\$33.96
Detroit Edison	River Rouge	BIT	S	Mingo Longan	WV	25,000	13,016	0.71	8.90	130.60	\$34.00
Detroit Edison	River Rouge	BIT	S	New Ridge	KY	23,000	12,789	0.78	8.70	125.20	\$32.02
Detroit Edison	River Rouge	BIT	S	Pohtiki	KY	12,000	12,773	0.72	7.90	131.10	\$33.49
Detroit Edison	River Rouge	BIT	S	Rocklick	WV	76,000	12,993	0.80	8.22	127.71	\$33.19
Detroit Edison	River Rouge	BIT	S	Stoney	KY	11,000	12,776	1.00	8.20	124.20	\$31.74
Detroit Edison	River Rouge	COG	I	National Steel, Ecorse, Mi		2,492,669	494	0.00	0.00	92.87	na
Detroit Edison	River Rouge	FO2	S	Bp Amoco, Ecorse, Mi		4,075	137,926	0.07	0.00	435.36	na
Detroit Edison	River Rouge	NG	I	Various		744,850	995	0.00	0.00	228.32	na
Detroit Edison	River Rouge	SUB	C	Antelope	WY	25,000	8,741	0.26	5.75	102.57	\$17.93
Detroit Edison	River Rouge	SUB	C	Black Thunder	WY	388,000	8,752	0.33	5.35	101.57	\$17.78
Detroit Edison	River Rouge	SUB	C	North Antelope	WY	411,000	8,789	0.19	4.55	99.92	\$17.56
Detroit Edison	Trenton Channel	BIT	C	Bailey	PA	161,000	13,103	1.52	6.61	127.62	\$33.44
Detroit Edison	Trenton Channel	BIT	C	Mine 84	PA	503,000	13,196	1.41	6.71	123.98	\$32.72
Detroit Edison	Trenton Channel	BIT	S	Bailey	PA	192,000	13,106	1.51	6.64	118.92	\$31.17
Detroit Edison	Trenton Channel	BIT	S	Clintwood Elkhorn	KY	10,000	13,236	0.93	7.40	135.60	\$35.90
Detroit Edison	Trenton Channel	BIT	S	Mine 84	PA	22,000	13,148	1.41	6.75	115.50	\$30.37
Detroit Edison	Trenton Channel	FO2	S	Bp Amoco, Ecorse, Mi		13,169	137,518	0.18	0.00	495.44	na
Detroit Edison	Trenton Channel	SUB	C	Antelope	WY	222,000	8,799	0.27	5.55	100.15	\$17.62
Detroit Edison	Trenton Channel	SUB	C	Black Thunder	WY	13,000	8,624	0.37	6.20	101.00	\$17.42
Detroit Edison	Trenton Channel	SUB	C	North Antelope	WY	868,000	8,812	0.19	4.51	103.54	\$18.25
Detroit Edison	Trenton Channel	SUB	S	Antelope	WY	13,000	8,883	0.19	4.70	98.10	\$17.43
Detroit Edison	Trenton Channel	SUB	S	North Rochelle	WY	40,000	8,733	0.22	4.74	98.95	\$17.28

Minnesota



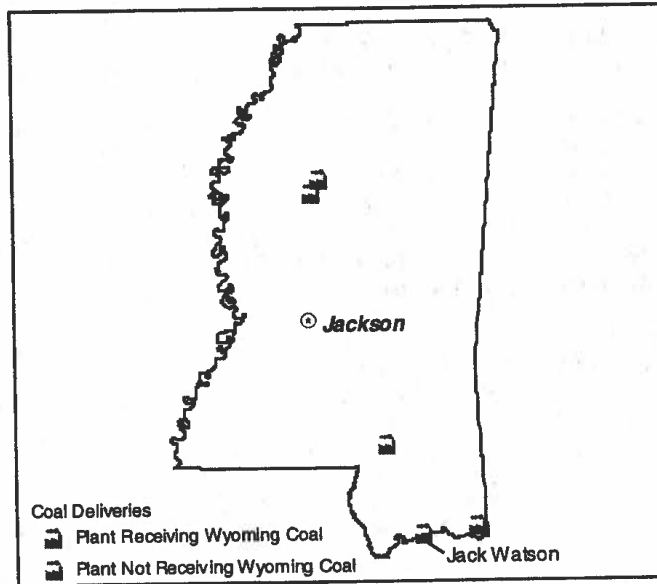
2000 Directory of Power Plants Burning Wyoming Coal

Minnesota (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	c/MMBtu	\$/Ton
Northern States Power	Black Dog	BIT	S	West Elk	CO	11,500	11,803	0.49	7.50	127.20	\$30.03
Northern States Power	Black Dog	NG	I	Minnegasco - Tx, Ok, Ks		665,500	1,018	0.00	0.00	259.16	na
Northern States Power	Black Dog	SUB	C	North Antelope	WY	815,800	8,876	0.18	4.40	99.13	\$17.60
Minnesota Power	Clay Boswell	FO2	S	Various		29,840	137,000	0.20	0.04	441.58	na
Minnesota Power	Clay Boswell	SUB	C	Big Sky Mine	MT	1,977,190	8,806	0.71	8.13	119.89	\$21.12
Minnesota Power	Clay Boswell	SUB	C	Decker Mine	MT	206,070	9,362	0.36	4.46	116.86	\$21.88
Minnesota Power	Clay Boswell	SUB	C	Spring Creek Mine	MT	1,238,480	9,335	0.35	4.23	104.65	\$19.54
Minnesota Power	Clay Boswell	SUB	S	Western Energy Mine	MT	110,410	8,703	0.75	9.36	125.10	\$21.77
Minnesota Power	Clay Boswell	SUB	S	Rochelle N. Antelope	WY	85,650	8,897	0.21	4.41	120.60	\$21.46
Minnesota Power	Clay Boswell	SUB	S	Black Thunder	WY	240	8,782	0.30	5.70	76.30	\$13.40
Northern States Power	High Bridge	NG	I	Nsp Gas Util - Tx, Ok, Ks		352,600	1,022	0.00	0.00	292.62	na
Northern States Power	High Bridge	SUB	C	Antelope	WY	36,400	8,812	0.21	5.13	112.31	\$19.79
Northern States Power	High Bridge	SUB	C	North Antelope	WY	682,900	8,858	0.19	4.48	98.86	\$17.51
Northern States Power	King	NG	I	Nsp Gas Util - Tx, Ok, Ks		13,500	4,156	0.00	0.00	280.84	na
Northern States Power	King	PC	C	Koch Carbon		154,600	13,562	5.69	0.61	63.21	\$17.15
Northern States Power	King	SUB	C	Absaloka	MT	308,500	8,857	0.63	8.47	110.21	\$19.52
Northern States Power	King	SUB	C	Antelope	WY	351,900	8,821	0.22	5.09	119.34	\$21.05
Northern States Power	King	SUB	C	North Antelope	WY	985,100	8,912	0.19	4.27	100.97	\$18.00
Northern States Power	Riverside	NG	I	Minnegasco - Tx, Ok, Ks		97,100	1,019	0.00	0.00	273.14	na
Northern States Power	Riverside	PC	C	Koch Carbon		79,000	14,056	5.71	0.64	63.05	\$17.72
Northern States Power	Riverside	SUB	C	North Antelope	WY	1,228,200	8,864	0.19	4.44	94.00	\$16.66
Northern States Power	Sherburne County	FO2	S	Koch Fuels		3,300	138,200	0.40	0.00	270.30	na
Northern States Power	Sherburne County	SUB	C	Absaloka	MT	2,093,200	8,752	0.65	8.88	110.59	\$19.36
Southern Minnesota Muni Pwr Agy	Sherburne County	SUB	C	Absaloka-Track Iii	MT	700,000	8,753	0.62	8.90	94.21	\$16.49
Northern States Power	Sherburne County	SUB	C	Antelope	WY	12,200	8,694	0.21	6.40	122.50	\$21.30
Northern States Power	Sherburne County	SUB	C	Belle Ayr	WY	27,700	8,577	0.31	4.60	115.30	\$19.78
Northern States Power	Sherburne County	SUB	C	Big Sky	MT	1,046,200	8,801	0.72	8.17	108.98	\$19.18
Northern States Power	Sherburne County	SUB	C	Black Thunder	WY	2,159,400	8,738	0.35	5.59	117.46	\$20.53
Northern States Power	Sherburne County	SUB	C	North Antelope	WY	892,400	8,845	0.20	4.39	111.28	\$19.69
Northern States Power	Sherburne County	SUB	S	Black Thunder	WY	26,700	8,762	0.35	5.40	114.10	\$19.99
Northern States Power	Sherburne County	SUB	S	Jacobs Ranch (Enron)	WY	497,300	8,677	0.43	5.54	111.42	\$19.34
Rochester Dept Public Utilities	Silver Lake	BIT	C	Galtin Mine	IL	23,400	12,030	1.11	6.90	162.50	\$39.10
Rochester Dept Public Utilities	Silver Lake	BIT	C	Kindill Mining Inc	IN	79,400	10,791	0.82	9.40	156.57	\$33.79
Rochester Dept Public Utilities	Silver Lake	BIT	S	Kindill Mining, Inc	IN	100	10,777	0.79	8.6	155.1	\$33.43
Rochester Dept Public Utilities		BIT	S	Leatherwood No.1 Mine	KY	300	13500	1.00	6.00	150.00	\$40.50
Rochester Dept Public Utilities	Silver Lake	NG	I	Enron, Tx, Oklahoma, Kansas		132,100	1,023	0.00	0.00	285.64	na
Rochester Dept Public Utilities	Silver Lake	SUB	S	Black Thunder Mine	WY	100	8,800	5.00	0.32	92.00	\$16.19
Minnesota Power	Syl Laskin	FO2	S	Various		2,120	137,000	0.20	0.06	468.13	na
Minnesota Power	Syl Laskin	SUB	C	Decker Mine	MT	257,110	9,370	0.38	4.42	121.31	\$22.73
Minnesota Power	Syl Laskin	SUB	S	Rochelle North Antelope	WY	23,360	8,911	0.19	4.22	135.10	\$24.08

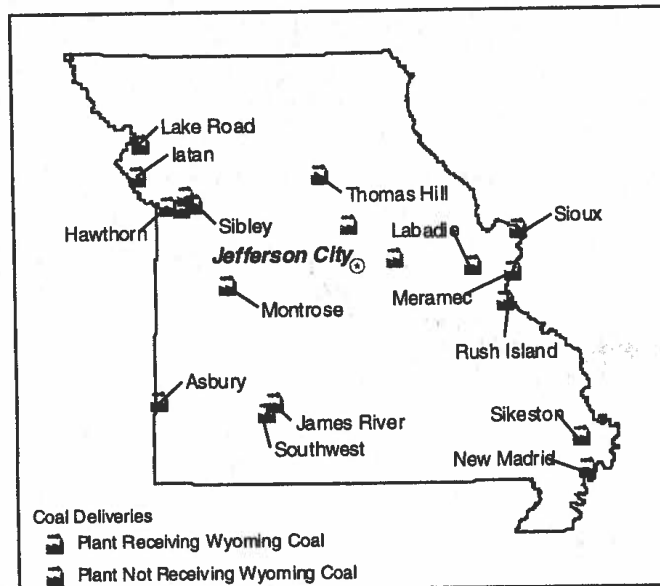
2000 Directory of Power Plants Burning Wyoming Coal

Mississippi



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash% c/MMBtu	\$/Ton
Mississippi Power (Southern Co)	Watson	BIT	C	American Coal Galatia Mine	IL	1,046,290	12,043	1.15	6.85	145.13 \$34.96
Mississippi Power (Southern Co)	Watson	BIT	C	Sugar Camp Coal	IL	344,460	12,756	2.57	8.18	133.33 \$34.02
Mississippi Power (Southern Co)	Watson	BIT	S	Drummond Coal	IM	213,040	11,555	0.40	4.09	140.85 \$32.55
Mississippi Power (Southern Co)	Watson	BIT	S	Gusare Coal	IM	392,850	11,833	0.46	4.08	144.18 \$34.12
Mississippi Power (Southern Co)	Watson	BIT	S	Lodestar	KY	4,350	12,001	2.44	7.40	115.00 \$27.60
Mississippi Power (Southern Co)	Watson	BIT	S	Sugar Camp Coal	IL	22,690	12,754	2.58	8.34	131.94 \$33.66
Mississippi Power (Southern Co)	Watson	FO2	NC	Epcoc Inc.		15,030	139,318	0.39	0.00	335.60 na
Mississippi Power (Southern Co)	Watson	NG	S	Various		7,678,180	1,033	0.00	0.00	234.52 na
Mississippi Power (Southern Co)	Watson	SUB	C	Kennecott Energy Jacobs Ranch Mine	WY	201,420	8,685	0.42	5.46	136.02 \$23.63

Missouri



2000 Directory of Power Plants Burning Wyoming Coal

Missouri (con't)

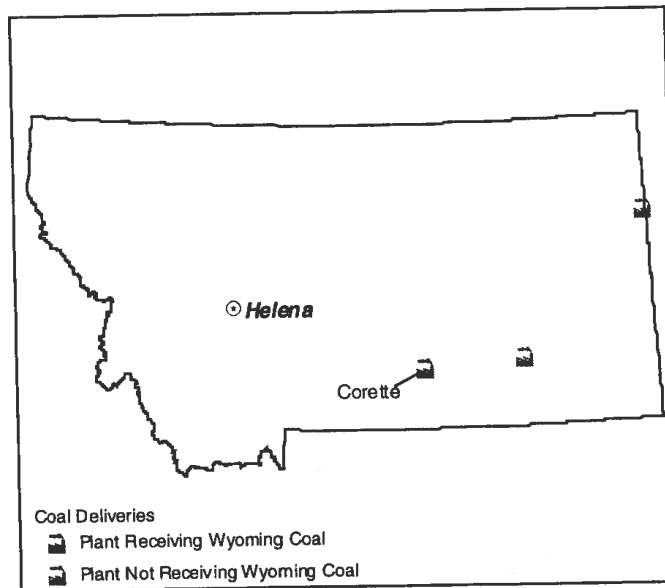
Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Empire Dist Electric	Asbury	BIT	C	Blue Mound Mine	MO	68,631	11,673	3.25	12.50	118.99	\$27.78
Empire Dist Electric	Asbury	BIT	S	Bunker Hill Mine	OK	15,305	12,121	3.40	13.70	130.52	\$31.64
Empire Dist Electric	Asbury	BIT	S	Continental's Big Osage & Laberdie #2	KS	2	10,900	3.50	17.50	123.60	\$26.94
Empire Dist Electric	Asbury	BIT	S	Peabody Coal Trade Co	UT	7,974	12,484	0.43	7.98	139.06	\$34.72
Empire Dist Electric	Asbury	FO2	S	Western Petroleum		2,682	139,413	0.03	0.00	419.90	na
Empire Dist Electric	Asbury	SUB	C	N. Antelope/Rochelle Mines	WY	674,406	8,795	0.19	4.49	99.37	\$17.70
Kansas City Power and Light	Hawthorne	NG	I	Wesco		1,968,000	1,000	0.00	0.00	312.50	na
Kansas City Power and Light	Hawthorne	SUB	C	Black Thunder	WY	6,000	8,757	0.34	5.50	67.90	\$11.89
Kansas City Power and Light	Hawthorne	SUB	S	Black Thunder	WY	93,000	8,761	0.33	5.38	68.08	\$11.93
Kansas City Power and Light	Hawthorne	SUB	S	North Antelope	WY	83,000	8,851	0.19	4.63	67.99	\$12.04
Kansas City Power and Light	Iatan	FO2	S	Various		13,000	137,977	0.02	0.00	396.33	na
Kansas City Power and Light	Iatan	SUB	C	Black Thunder	WY	2,750,000	8,748	0.32	5.52	75.04	\$13.13
Kansas City Power and Light	Iatan	SUB	S	Black Thunder	WY	14,000	8,777	0.31	5.40	62.20	\$10.92
Kansas City Power and Light	Iatan	SUB	S	Caballo	WY	118,000	8,450	0.35	4.93	57.66	\$9.74
Kansas City Power and Light	Iatan	SUB	S	Caballo Rojo	WY	30,000	8,474	0.36	5.00	55.35	\$9.38
City Utilities of Springfield	James River	BIT	C	Rend Lake	IL	140,000	12,052	1.17	5.47	150.48	\$36.27
City Utilities of Springfield	James River	NG	I	Wms. Natural Gas Co./Ok		2,363,000	1,004	0.00	0.00	275.96	na
City Utilities of Springfield	James River	SUB	C	Powder River Coal	WY	773,000	8,907	0.19	4.27	103.96	\$18.52
Union Electric	Labadie	SUB	C	Kerr Mcgee-Jacobs Ranch	WY	14,000	8,650	0.52	5.70	90.30	\$15.62
Union Electric	Labadie	SUB	C	Rochelle	WY	2,143,000	8,750	0.22	4.50	97.57	\$17.07
Union Electric	Labadie	SUB	S	Antelope	WY	3,211,000	8,800	0.22	5.30	91.17	\$16.05
Union Electric	Labadie	SUB	S	Black Thunder	WY	341,000	8,820	0.33	5.00	90.92	\$16.04
Union Electric	Labadie	SUB	S	Caballo Rojo	WY	212,000	8,500	0.32	5.10	86.98	\$14.79
Union Electric	Labadie	SUB	S	Cordero	WY	595,000	8,400	0.33	5.50	88.25	\$14.83
Union Electric	Labadie	SUB	S	N. Rochelle	WY	1,166,000	8,800	0.23	4.70	92.70	\$16.32
Union Electric	Labadie	SUB	S	North Antelope	WY	741,000	8,830	0.24	4.50	96.21	\$16.99
St Joseph Light and Power	Lake Road	BIT	S	Seminole li	WY	144,500	11,137	0.40	5.56	114.20	\$25.44
St Joseph Light and Power	Lake Road	BIT	S	Shoshone	WY	1,500	10,800	0.60	5.50	46.70	\$10.09
St Joseph Light and Power	Lake Road	FO2	S	Various		36,900	138,441	0.04	0.66	375.80	na
St Joseph Light and Power	Lake Road	NG	S	Missouri Gas Energy		1,676,570	996	0.00	0.00	273.68	na
St Joseph Light and Power	Lake Road	SUB	S	Antelope	WY	278,600	8,818	0.25	5.25	82.10	\$14.48
St Joseph Light and Power	Lake Road	SUB	S	Black Thunder	WY	14,500	8,696	0.27	5.10	81.93	\$14.25
St Joseph Light and Power	Lake Road	SUB	S	North Antelope	WY	4,500	8,800	0.22	5.50	56.18	\$9.89
Union Electric	Meramec	BIT	C	American - Galatia - #5	IL	406,000	11,700	1.29	7.20	145.56	\$34.06
Union Electric	Meramec	BIT	S	Creek Plum	IL	6,000	11,200	2.80	11.00	131.50	\$29.46
Union Electric	Meramec	BIT	S	Consolidated--Rend Lake	IL	109,000	12,000	1.20	5.10	127.90	\$30.70
Union Electric	Meramec	NG	I	Miss. River Trans. Corp		644,000	1,025	0.00	0.00	221.17	na
Union Electric	Meramec	PC	S	Clark		3,000	14,150	4.90	0.40	45.90	\$12.99
Union Electric	Meramec	SUB	C	Rochelle	WY	1,150,000	8,750	0.22	4.50	112.99	\$19.77
Union Electric	Meramec	SUB	S	North Antelope	WY	287,000	8,830	0.60	4.50	117.52	\$20.75
Kansas City Power and Light	Montrose	FO2	S	Various		17,000	138,718	0.07	0.00	367.67	na
Kansas City Power and Light	Montrose	SUB	S	Black Thunder	WY	13,000	8,613	0.35	6.60	92.20	\$15.88
Kansas City Power and Light	Montrose	SUB	S	Coal Creek	WY	96,000	8,299	0.35	5.59	88.60	\$14.71
Kansas City Power and Light	Montrose	SUB	S	North Antelope	WY	1,643,000	8,809	0.19	4.50	90.66	\$15.97
Union Electric	Rush Island	FO2	S	Energy Petrol		13,000	137,000	0.29	0.85	359.85	na
Union Electric	Rush Island	SUB	S	Antelope	WY	427,000	8,800	0.22	5.30	87.17	\$15.34
Union Electric	Rush Island	SUB	S	Caballo	WY	409,000	8,550	0.30	4.50	85.59	\$14.64
Union Electric	Rush Island	SUB	S	Caballo Rojo	WY	1,187,000	8,500	0.32	5.10	87.61	\$14.89
Union Electric	Rush Island	SUB	S	Cordero	WY	2,815,000	8,400	0.33	5.50	89.11	\$14.97
Union Electric	Rush Island	SUB	S	N. Rochelle	WY	117,000	8,800	0.23	4.70	87.36	\$15.38

2000 Directory of Power Plants Burning Wyoming Coal

Missouri (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	c/MMBtu	\$/Ton
Associated Electric Coop, Inc	New Madrid	BIT	C	Peabody Coalsales -Patriot Mine	KY	3,000	11,214	2.43	8.01	130.00	\$29.16
Associated Electric Coop, Inc	New Madrid	SUB	C	Powder River Coal Company	WY	3,949,700	8,886	0.19	4.34	95.18	\$16.92
Missouri Public Service	Sibley	BIT	C	Arch - Medicine Bow	WY	489,000	10,443	0.66	6.91	104.66	\$21.86
Missouri Public Service	Sibley	BIT	S	Arch Sufco	UT	31,990	11,731	0.32	7.42	120.80	\$28.34
Missouri Public Service	Sibley	BIT	S	Co-Op Mining Bear Canyon	UT	22	12,448	0.60	9.58	105.00	\$26.14
Missouri Public Service	Sibley	BIT	S	Genwal - Crandall Canyon	UT	23	12,559	0.45	7.20	109.00	\$27.38
Missouri Public Service	Sibley	PC	S	Rosemont, Mn Koch Carbon		194,000	14,101	5.76	0.49	58.72	\$16.56
Missouri Public Service	Sibley	SUB	C	Peabody - Rochelle	WY	794,070	8,827	0.19	4.59	73.50	\$12.98
Sikeston Utilities	Sikeston	FO2	S	Various		3,490	141,000	0.82	0.03	373.26	na
Sikeston Utilities	Sikeston	SUB	C	Black Thunder	WY	1,018,900	8,756	0.34	5.52	100.18	\$17.54
Union Electric	Sioux	BIT	S	Consolidated - Rend Lake	IL	325,000	11,873	1.22	6.38	138.17	\$32.81
Union Electric	Sioux	BIT	S	Patiki	IL	443,000	11,700	3.05	8.50	133.96	\$31.35
Union Electric	Sioux	FO2	S	Piasa		5,000	137,000	0.29	0.00	422.70	na
Union Electric	Sioux	PC	S	Clark		39,000	14,150	4.90	0.40	45.36	\$12.84
Union Electric	Sioux	REF	S	Tire Shreaders		30,000	14,500	4.90	0.40	63.02	na
Union Electric	Sioux	SUB	S	Antelope	WY	862,000	8,799	0.22	5.29	86.03	\$15.14
Union Electric	Sioux	SUB	S	Coal Creek-Black Thunder	WY	732,000	8,820	0.33	5.00	94.50	\$16.67
Union Electric	Sioux	SUB	S	North Antelope	WY	91,000	8,805	0.23	4.67	91.49	\$16.11
City Utilities of Springfield	Southwest	NG	I	Wms. Natural Gas Co./ Ok		378,000	1,005	0.00	0.00	241.42	na
City Utilities of Springfield	Southwest	SUB	C	Powder River Coal	WY	782,000	8,914	0.19	4.31	100.93	\$17.99
Associated Electric Coop, Inc	Thomas Hill	SUB	C	Powder River Coal Company	WY	4,162,128	8,884	0.19	4.39	72.05	\$12.80

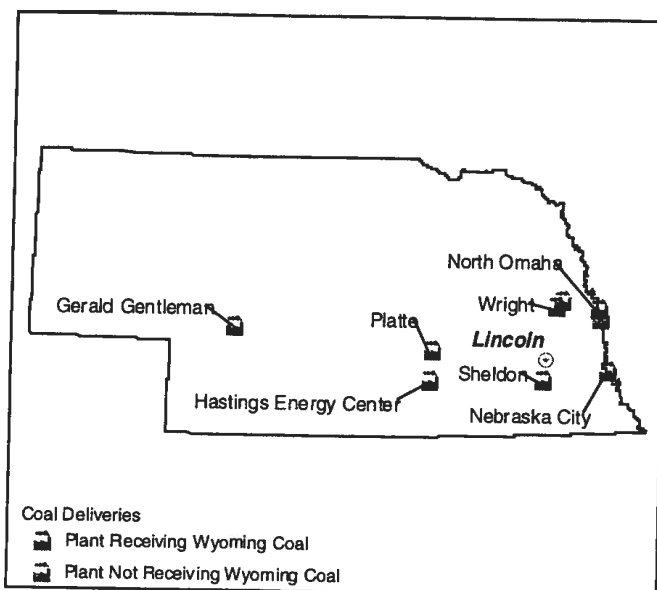
Montana



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	c/MMBtu	\$/Ton
Montana Power	Corette	NG	F	Various		361,299	1,081	0.00	0.00	196.92	na
Montana Power	Corette	SUB	C	Rawhide Mine	WY	178,000	8,320	0.23	4.43	53.21	\$8.85
Montana Power	Corette	SUB	C	North Antelope Mine	WY	462,000	8,812	0.20	4.47	60.87	\$10.73

2000 Directory of Power Plants Burning Wyoming Coal

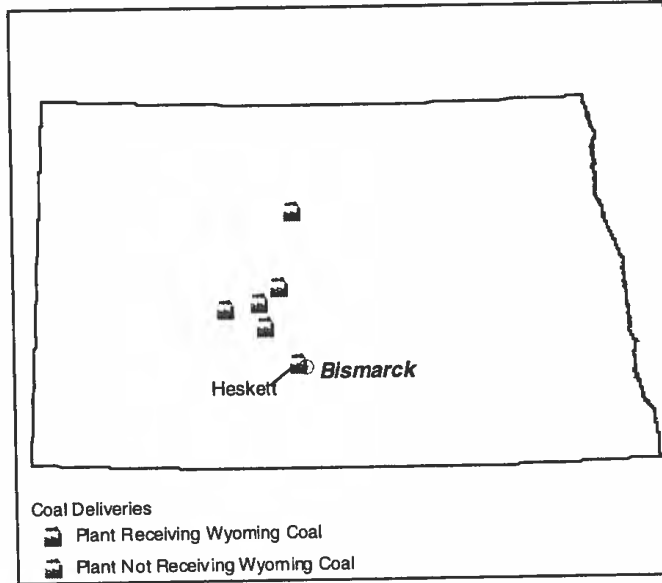
Nebraska



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Nebraska Public Power District	Gerald Gentleman	FO2	S	Various		4,146	138,140	0.03	0.00	448.98	na
Nebraska Public Power District	Gerald Gentleman	NG	I	Kn Marketing Inc - Houston, Tx		256,683	1,000	0.00	0.00	244.20	na
Nebraska Public Power District	Gerald Gentleman	SUB	C	Amax Coal Co - Belle Ayr Mine	WY	3,892,403	8,545	0.29	4.44	45.98	\$7.86
Nebraska Public Power District	Gerald Gentleman	SUB	C	Powder River Coal - Rochelle Mine	WY	1,240,951	8,730	0.20	4.58	49.01	\$8.56
Hastings Utilities	Hastings	SUB	C	Coal Creek	WY	398,800	8,307	0.34	5.47	64.14	\$10.66
Omaha Public Power District	Nebraska City	FO2	S	Various		11,200	137,500	0.20	0.00	425.06	na
Omaha Public Power District	Nebraska City	SUB	C	Black Thunder Mine	WY	187,800	8,767	0.33	5.37	54.38	\$9.53
Omaha Public Power District	Nebraska City	SUB	C	Coal Creek Mine	WY	2,469,100	8,310	0.34	5.89	54.71	\$9.09
Omaha Public Power District	Nebraska City	SUB	C	North Antelope Mine	WY	37,200	8,640	0.21	4.90	58.70	\$10.14
Omaha Public Power District	Nebraska City	SUB	S	Caballo Rojo Mine	WY	95,800	8,456	0.35	5.27	54.86	\$9.28
Omaha Public Power District	North Omaha	NG	I	Metropolitan Utilites		1,497,700	986	0.00	0.00	360.74	na
Omaha Public Power District	North Omaha	SUB	C	Black Thunder Mine	WY	186,600	8,753	0.32	5.59	64.78	\$11.34
Omaha Public Power District	North Omaha	SUB	C	Coal Creek Mine	WY	868,100	8,314	0.34	5.46	66.68	\$11.09
Omaha Public Power District	North Omaha	SUB	C	North Antelope Mine	WY	11,800	8,691	0.21	4.90	69.70	\$12.12
Omaha Public Power District	North Omaha	SUB	S	Black Thunder Mine	WY	12,700	8,852	0.31	4.80	70.30	\$12.45
Omaha Public Power District	North Omaha	SUB	S	Caballo Rojo Mine	WY	165,700	8,490	0.31	5.12	66.86	\$11.35
Omaha Public Power District	North Omaha	SUB	S	Coal Creek Mine	WY	22,400	8,291	0.33	5.30	66.00	\$10.94
Omaha Public Power District	North Omaha	SUB	S	Cordero Mine	WY	838,900	8,372	0.33	5.88	67.23	\$11.26
Grand Island Utilities	Platte	SUB	NC	Coal Creek Mine	WY	375,000	8,300	0.38	5.42	65.04	\$10.80
Nebraska Public Power District	Sheldon	BIT	S	Canyon Fuel Co. - Sulco	UT	2,869	11,378	0.26	7.40	127.40	\$28.99
Nebraska Public Power District	Sheldon	BIT	C	Arch Mineral Corp. -Seminoe Mine	WY	1,893	10,880	0.43	6.20	129.40	\$28.16
Nebraska Public Power District	Sheldon	BIT	C	Cyprus Shoshone Coal/Shoshone	WY	11,404	10,683	0.68	6.50	116.00	\$24.78
Nebraska Public Power District	Sheldon	NG	I	Peoples Natural Gas Beatrice, NE		22,506	1,000	0.00	0.00	545.60	na
Nebraska Public Power District	Sheldon	SUB	C	Cyprus Amax Coal West/Belle Ayr	WY	69,730	8,562	0.28	4.23	59.76	\$10.23
Nebraska Public Power District	Sheldon	SUB	C	Powder River Coal Co - Rochelle	WY	832,103	8,736	0.20	4.53	66.59	\$11.63
Fremont Dept of Public Utilities	Wright	NG	F	Northern Natural Gas		132,800	1,000	0.00	0.00	232.46	na
Fremont Dept of Public Utilities	Wright	SUB	C	Peabody Mine	WY	203,000	8,765	0.19	4.51	92.16	\$16.15
Fremont Dept of Public Utilities	Wright	SUB	S	North Antelope Mine	WY	45,200	8,835	0.20	4.30	91.30	\$16.13
Fremont Dept of Public Utilities	Wright	SUB	S	North Rochelle	WY	1,000	8,791	0.27	4.50	92.00	\$16.18

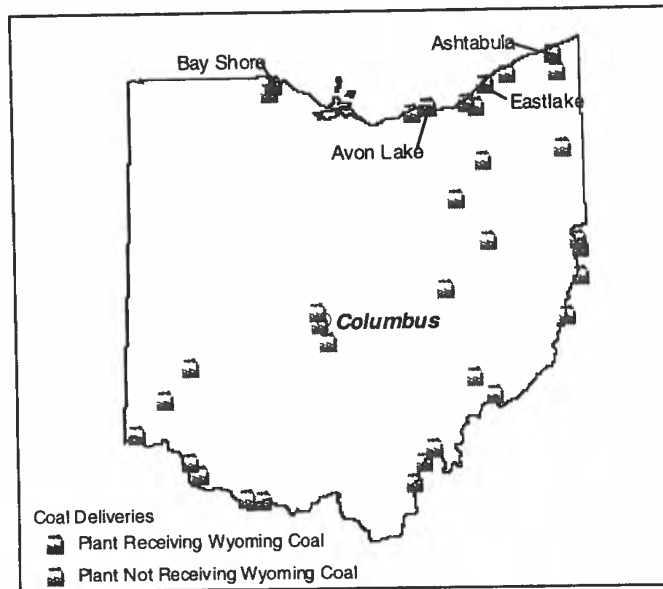
2000 Directory of Power Plants Burning Wyoming Coal

North Dakota



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash% ϕ /MMBtu	\$/Ton
Montana-Dakota Utilities	Heskett	LIG	C	Beulah Mine	ND	199,900	7,067	0.72	6.96	103.31 \$14.60
Montana-Dakota Utilities	Heskett	NG	I	Montana-Dakota Utilities Co		390	1,042	0.00	0.00	404.00 na
Montana-Dakota Utilities	Heskett	SUB	S	M-Bar-D (Salvage)	WY	390	7,072	0.64	6.81	54.22 \$7.67

Ohio

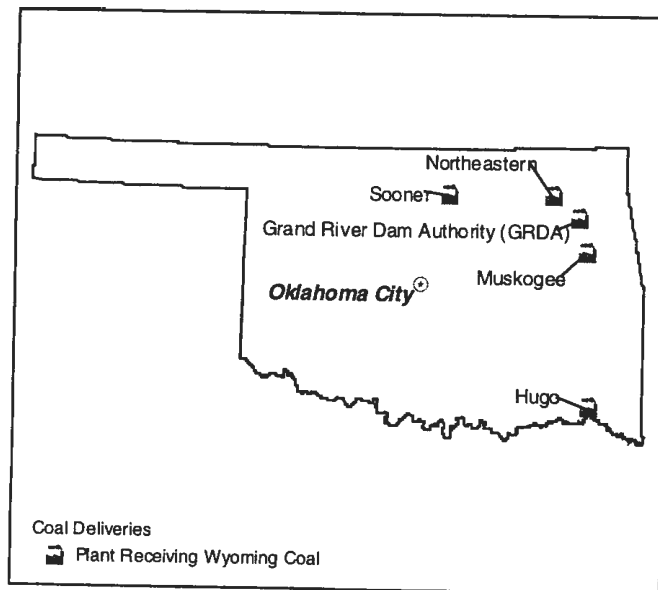


2000 Directory of Power Plants Burning Wyoming Coal

Ohio (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	c/MMBtu	\$/Ton
Cleveland Electric Illum Co	Ashtabula	BIT	C	Pow 6	OH	287,300	12,496	4.16	9.15	104.57	\$26.13
Cleveland Electric Illum Co	Ashtabula	BIT	S	Emerald Emerald	PA	9,600	13,248	2.04	7.41	111.33	\$29.50
Cleveland Electric Illum Co	Ashtabula	BIT	S	West Pt.	OH	20,600	12,216	2.63	10.71	122.38	\$29.90
Cleveland Electric Illum Co	Ashtabula	FO2	S	Various		9,000	138,771	0.13	0.00	402.16	na
Cleveland Electric Illum Co	Ashtabula	SUB	S	North Antelope	WY	14,000	8,922	0.19	4.40	110.50	\$16.15
Cleveland Electric Illum Co	Avon Lake	BIT	C	Mingo Logan	WV	613,048	12,989	0.70	8.99	152.80	\$39.69
Cleveland Electric Illum Co	Avon Lake	BIT	C	Sprouse Creek	WV	117,100	12,600	0.73	10.25	151.10	\$38.08
Cleveland Electric Illum Co	Avon Lake	BIT	S	Big Creek	KY	44,600	12,913	0.96	10.75	132.10	\$34.12
Cleveland Electric Illum Co	Avon Lake	BIT	S	Emerald	PA	172,200	13,159	2.16	7.69	107.35	\$28.25
Cleveland Electric Illum Co	Avon Lake	BIT	S	Enron	KY	40,900	12,253	0.94	10.86	133.20	\$32.64
Cleveland Electric Illum Co	Avon Lake	BIT	S	Holston	KY	18,000	13,096	0.56	7.00	151.80	\$39.76
Cleveland Electric Illum Co	Avon Lake	BIT	S	Mingo Logan Coal	WV	12,000	13,021	0.70	8.80	148.80	\$38.75
Cleveland Electric Illum Co	Avon Lake	BIT	S	Ragland	WV	50,900	12,318	0.81	11.94	131.90	\$32.49
Cleveland Electric Illum Co	Avon Lake	BIT	S	West Pt	OH	112,300	12,410	2.06	9.26	124.32	\$30.86
Cleveland Electric Illum Co	Avon Lake	FO2	S	Various		28,700	138,353	0.36	0.00	390.49	na
Cleveland Electric Illum Co	Avon Lake	SUB	S	Midwest Antelope	WY	38,100	8,872	0.28	5.36	120.30	\$21.35
Toledo Edison	Bay Shore	BIT	S	Holston	KY	22,000	13,259	0.50	6.56	132.48	\$35.13
Toledo Edison	Bay Shore	BIT	S	Ragland	WV	23,500	12,200	0.90	12.50	127.40	\$31.09
Toledo Edison	Bay Shore	FO2	S	Various		5,400	138,450	0.28	0.00	430.62	na
Toledo Edison	Bay Shore	SUB	S	Jacobs Ranch	WY	13,500	8,522	0.47	5.90	161.10	\$27.46
Toledo Edison	Bay Shore	SUB	S	Midwest Antelope	WY	818,000	8,761	0.28	5.50	115.76	\$20.28
Toledo Edison	Bay Shore	SUB	S	North Antelope	WY	985,000	8,802	0.22	4.77	116.09	\$20.44
Cleveland Electric Illum Co	Eastlake	BIT	C	Pow 6	OH	1,449,100	12,472	4.02	9.24	97.73	\$24.38
Cleveland Electric Illum Co	Eastlake	BIT	C	Aei	WV	32,900	12,310	0.86	13.50	122.10	\$30.06
Cleveland Electric Illum Co	Eastlake	BIT	S	Bailey/Enlow	PA	134,600	12,758	2.03	8.47	123.76	\$31.58
Cleveland Electric Illum Co	Eastlake	BIT	S	Emerald Emerald	PA	889,100	13,206	1.94	7.61	119.82	\$31.65
Cleveland Electric Illum Co	Eastlake	BIT	S	Nicholas	WV	12,000	12,164	3.51	14.10	111.60	\$27.15
Cleveland Electric Illum Co	Eastlake	BIT	S	West Pt.	OH	243,900	12,412	2.10	9.43	122.94	\$30.52
Cleveland Electric Illum Co	Eastlake	FO2	S	Various		48,700	138,938	0.34	0.00	384.90	na
Cleveland Electric Illum Co	Eastlake	SUB	S	North Rochelle	WY	28,200	8,820	0.20	4.30	108.39	\$19.12

Oklahoma

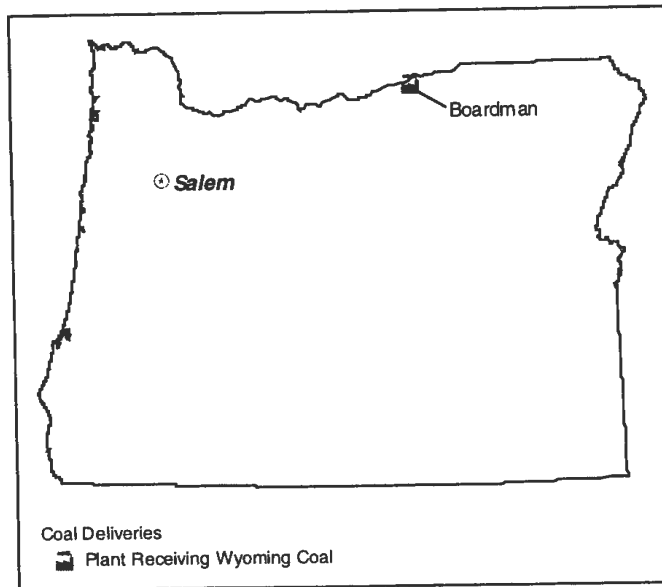


2000 Directory of Power Plants Burning Wyoming Coal

Oklahoma (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Grand River Dam Authority	GRDA 1 & 2	BIT	C	Pheonix Coal Sales - Rogers County	OK	111,705	12,992	3.91	9.18	101.72	\$26.43
Grand River Dam Authority	GRDA 1 & 2	NG	I	Oneok Power Marketing		175,881	1,003	0.01	0.00	246.72	na
Grand River Dam Authority	GRDA 1 & 2	SUB	C	Caballo Coal Co. Caballo	WY	1,348,787	8,469	0.35	5.04	84.12	\$14.25
Grand River Dam Authority	GRDA 1 & 2	SUB	C	Caballo Coal Co. Rawhide	WY	479,258	8,385	0.33	4.87	87.92	\$14.74
Grand River Dam Authority	GRDA 1 & 2	SUB	C	Kennecott Energy	WY	550,620	8,417	0.33	5.72	86.34	\$14.53
Grand River Dam Authority	GRDA 1 & 2	SUB	C	Kennecott Energycaballo Rojo	WY	263,490	8,467	0.31	5.36	84.31	\$14.28
Grand River Dam Authority	GRDA 1 & 2	SUB	C	Kennecott Energy Cordero	WY	1,194,971	8,399	0.32	5.74	84.45	\$14.19
Western Farmers Electric Coop	Hugo	SUB	C	Black Thunder Mine	WY	753,327	8,745	0.33	5.54	102.90	\$18.00
Western Farmers Electric Coop	Hugo	SUB	C	North Rochelle Mine	WY	1,085,082	8,685	0.25	4.63	106.17	\$18.44
Oklahoma Gas and Electric	Muskogee	NG	F	Various		3,358,168	1,037	0.00	0.00	286.11	na
Oklahoma Gas and Electric	Muskogee	SUB	C	Antelope Mine	WY	97,187	8,831	0.29	5.17	84.40	\$14.91
Oklahoma Gas and Electric	Muskogee	SUB	C	Belle Ayr Mine	WY	15,839	8,507	0.25	4.40	75.10	\$12.78
Oklahoma Gas and Electric	Muskogee	SUB	C	Black Thunder	WY	1,351,394	8,771	0.32	5.33	83.64	\$14.67
Oklahoma Gas and Electric	Muskogee	SUB	C	Cordero Rojo	WY	2,049,137	8,424	0.31	5.65	81.16	\$13.67
Oklahoma Gas and Electric	Muskogee	SUB	C	North Antelope	WY	30,053	8,789	0.19	4.60	91.95	\$16.16
Oklahoma Gas and Electric	Muskogee	SUB	C	North Rochelle	WY	2,207,868	8,668	0.24	4.35	87.10	\$15.10
Oklahoma Gas and Electric	Muskogee	SUB	C	Peabody Black Thunder	WY	778,770	8,758	0.62	5.33	88.60	\$15.52
Public Serv Co of Oklahoma (CSW)	Northeast	NG	F	Various		20,596,619	1,017	0.00	0.00	254.39	na
Public Serv Co of Oklahoma (CSW)	Northeast	SUB	C	North Antelope	WY	3,716,102	8,542	0.21	4.51	118.04	\$20.17
Oklahoma Gas and Electric	Sooner	FO2	S	Conoco - Ponca City Refinery		10,108	142,350	0.05	0.00	495.50	na
Oklahoma Gas and Electric	Sooner	SUB	C	Antelope Mine	WY	259,347	8,826	0.27	5.49	80.30	\$14.17
Oklahoma Gas and Electric	Sooner	SUB	C	Black Thunder	WY	1,992,751	8,766	0.33	5.33	79.67	\$13.97
Oklahoma Gas and Electric	Sooner	SUB	C	Caballo Rojo Mine	WY	648,285	8,474	0.31	5.49	76.37	\$12.94
Oklahoma Gas and Electric	Sooner	SUB	C	Cordero Rojo	WY	1,238,571	8,401	0.33	5.82	78.26	\$13.15
Oklahoma Gas and Electric	Sooner	SUB	C	North Rochelle	WY	471,429	8,674	0.24	4.49	81.35	\$14.11
Oklahoma Gas and Electric	Sooner	SUB	C	Peabody Black Thunder	WY	55,087	8,703	0.32	5.60	85.26	\$14.84

Oregon

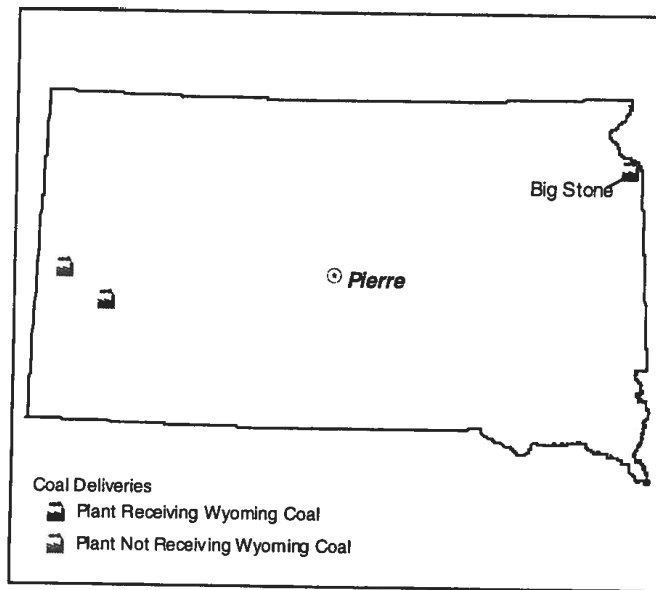


2000 Directory of Power Plants Burning Wyoming Coal

Oregon (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Portland General Electric	Boardman	BIT	S	Sanborn Creek	CO	14,000	11,057	0.48	11.20	75.00	\$16.59
Portland General Electric	Boardman	BIT	S	Co-Op, Bear Canyon	UT	287,000	11,870	0.55	11.93	102.62	\$24.36
Portland General Electric	Boardman	SUB	S	Antelope	WY	33,000	8,792	0.19	5.08	112.84	\$19.84
Portland General Electric	Boardman	SUB	S	Caballo Rojo	WY	534,000	8,460	0.31	5.23	108.56	\$18.37
Portland General Electric	Boardman	SUB	S	Cordero	WY	479,000	8,364	0.33	5.91	108.42	\$18.14
Portland General Electric	Boardman	SUB	S	Jacobs Ranch	WY	782,000	8,581	0.45	5.66	110.14	\$18.90

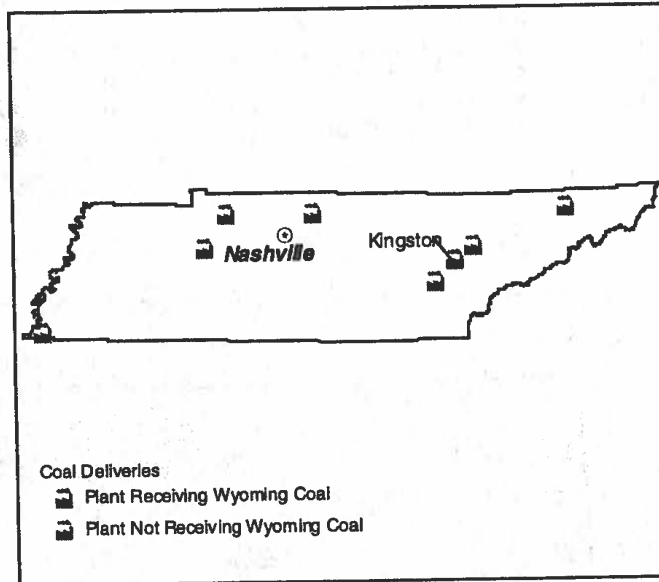
South Dakota



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Otter Tail Power	Big Stone	SUB	C	Absaloka	MT	1,368,000	8,715	0.66	9.02	92.77	\$16.17
Otter Tail Power	Big Stone	SUB	NC	Belle Ayr	WY	15,000	8,650	0.34	5.30	95.20	\$16.47
Otter Tail Power	Big Stone	SUB	C	Coal Creek	WY	212,000	8,561	0.59	10.51	93.13	\$15.95
Otter Tail Power	Big Stone	SUB	C	Cordero/Rojo	WY	77,000	8,363	0.33	5.80	97.40	\$16.29
Otter Tail Power	Big Stone	SUB	S	Cordero Rojo Complex	WY	387,000	8,418	0.43	7.14	96.30	\$16.21
Otter Tail Power	Big Stone	X	S	Tires		63,000	12,142	1.10	6.32	57.29	na

2000 Directory of Power Plants Burning Wyoming Coal

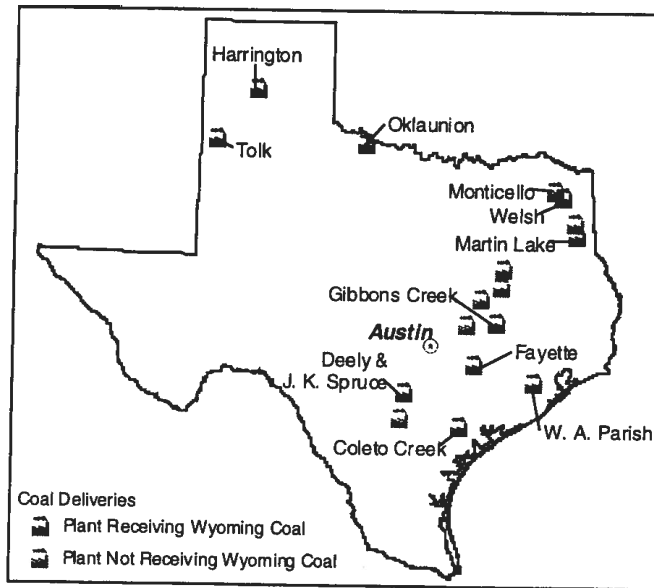
Tennessee



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	c/MMBtu	\$/Ton
Tennessee Valley Authority	Kingston	BIT	C	Arch	KY	32,540	12,600	1.00	12.00	132.91	\$33.49
Tennessee Valley Authority	Kingston	BIT	C	Bell County - Various	KY	1,081,340	12,510	1.45	9.33	128.76	\$32.22
Tennessee Valley Authority	Kingston	BIT	C	Leslie Various	KY	742,160	12,244	1.33	11.36	128.71	\$31.52
Tennessee Valley Authority	Kingston	BIT	C	Matt Mining	VA	29,220	13,136	0.91	9.55	129.99	\$34.15
Tennessee Valley Authority	Kingston	BIT	C	Pine Mountain	KY	91,220	12,000	1.80	12.00	127.43	\$30.58
Tennessee Valley Authority	Kingston	BIT	C	Sigmon Energy No. 1	VA	9,380	13,000	1.50	8.00	137.05	\$35.63
Tennessee Valley Authority	Kingston	BIT	C	Toms Creek	VA	84,660	12,809	1.28	10.68	130.48	\$33.43
Tennessee Valley Authority	Kingston	BIT	C	Turner Mine	TN	258,260	12,563	0.94	11.06	116.93	\$29.38
Tennessee Valley Authority	Kingston	BIT	C	U.S. Coal 3-2	TN	457,520	12,326	1.35	11.47	123.58	\$30.46
Tennessee Valley Authority	Kingston	BIT	C	West Coal-Variou	TN	366,920	12,341	1.30	9.64	114.84	\$28.34
Tennessee Valley Authority	Kingston	BIT	S	B&D No.7	TN	4,900	12,799	1.56	9.10	117.56	\$30.09
Tennessee Valley Authority	Kingston	BIT	S	Bell County-Variou	KY	537,500	12,549	1.51	9.28	120.24	\$30.18
Tennessee Valley Authority	Kingston	BIT	S	Cane Patch	VA	72,630	13,186	0.92	9.11	129.17	\$34.06
Tennessee Valley Authority	Kingston	BIT	S	Leeco 63	KY	8,940	12,500	1.10	8.00	136.88	\$34.22
Tennessee Valley Authority	Kingston	BIT	S	Motts Branch 1,2,3,10	KY	47,640	11,800	1.53	13.75	145.97	\$34.45
Tennessee Valley Authority	Kingston	BIT	S	Powell Mountain	VA	73,740	12,446	0.84	9.48	137.02	\$34.11
Tennessee Valley Authority	Kingston	BIT	S	R. B. No. 5	KY	64,140	12,695	1.42	8.78	119.69	\$30.39
Tennessee Valley Authority	Kingston	BIT	S	Toms Creek	VA	98,810	12,808	1.42	10.99	131.26	\$33.62
Tennessee Valley Authority	Kingston	FO2	C	Various		24,240	139,900	0.50	0.00	400.47	na
Tennessee Valley Authority	Kingston	SUB	C	Black Thunder	WY	41,790	8,761	0.34	5.40	144.17	\$25.26

2000 Directory of Power Plants Burning Wyoming Coal

Texas



Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Central Power and Light (CSW)	Coletto Creek	BIT	C	Colowyo Mine	CO	1,147,546	10,454	0.39	5.75	143.69	\$30.04
Central Power and Light (CSW)	Coletto Creek	BIT	S	Colowyo Mine	CO	106	10,401	0.39	6.00	143.80	\$29.91
Central Power and Light (CSW)	Coletto Creek	BIT	S	West Elk Mines	CO	162,039	11,651	0.49	8.72	145.52	\$33.91
Central Power and Light (CSW)	Coletto Creek	PC	S	Capex		7,062	14,495	6.32	0.57	63.62	\$18.44
Central Power and Light (CSW)	Coletto Creek	SUB	S	Black Thunder Mine	WY	450	8,883	0.34	9.40	185.00	\$32.87
Central Power and Light (CSW)	Coletto Creek	SUB	S	North Antelope Mine	WY	1,273,242	8,863	0.21	4.63	136.23	\$24.15
City Public Service-San Antonio	Deely & Spruce	NG	S	Reata		42,000	1,007	0.00	0.00	225.19	na
City Public Service-San Antonio	Deely & Spruce	PC	S	Various		173,000	14,509	10.60	0.65	46.17	\$13.40
City Public Service-San Antonio	Deely & Spruce	SUB	C	Antelope Mine	WY	30,000	8,858	0.29	5.25	97.39	\$17.25
City Public Service-San Antonio	Deely & Spruce	SUB	C	Caballo Rojo Mine	WY	318,000	8,408	0.32	5.30	94.84	\$15.95
City Public Service-San Antonio	Deely & Spruce	SUB	C	Cordero Mine	WY	6,250,000	8,459	0.33	5.75	96.39	\$16.31
City Public Service-San Antonio	Deely & Spruce	SUB	C	Jacob Ranch Mine	WY	294,000	8,662	0.43	5.48	97.92	\$16.96
Lower Colorado River Authority	Fayette	SUB	C	Arco-Black Thunder	WY	3,083,600	8,741	0.33	5.48	92.97	\$16.25
Lower Colorado River Authority	Fayette	SUB	C	Bell Ayr	WY	83,000	8,615	0.28	4.29	92.39	\$15.92
Lower Colorado River Authority	Fayette	SUB	C	Black Thunder-Enron	WY	150,000	8,607	0.32	5.62	92.20	\$15.87
Lower Colorado River Authority	Fayette	SUB	C	Buckskin	WY	53,000	8,473	0.43	5.39	91.02	\$15.42
Lower Colorado River Authority	Fayette	SUB	C	Caballo Rojo L	WY	642,000	8,458	0.31	5.40	92.43	\$15.64
Lower Colorado River Authority	Fayette	SUB	C	Coal Creek- Spot	WY	868,000	8,277	0.35	5.48	93.34	\$15.45
Lower Colorado River Authority	Fayette	SUB	C	Cordero-Spot	WY	687,000	8,402	0.34	5.80	92.23	\$15.50
Lower Colorado River Authority	Fayette	SUB	C	Jacobs-Enron	WY	153,000	8,701	0.45	5.34	90.60	\$15.77
Lower Colorado River Authority	Fayette	SUB	C	Kennecott-Cordero(L)	WY	30,000	8,309	0.31	5.76	93.14	\$15.48
Lower Colorado River Authority	Fayette	SUB	C	Rojo-Enron	WY	27,000	8,488	0.31	5.74	91.31	\$15.50
Lower Colorado River Authority	Fayette	SUB	C	Southern Co.	WY	79,000	8,656	0.36	5.85	92.00	\$15.93
Lower Colorado River Authority	Fayette	SUB	S	Arco - Black Thunder	WY	328,900	8,782	0.28	5.25	94.75	\$16.64
Lower Colorado River Authority	Fayette	SUB	S	Bell Ayr	WY	125,000	8,510	0.27	4.41	93.26	\$15.87
Lower Colorado River Authority	Fayette	SUB	S	Buckskin - S	WY	268,000	8,365	0.44	5.58	90.29	\$15.11
Lower Colorado River Authority	Fayette	SUB	S	Caballo - S	WY	124,000	8,494	0.38	5.29	91.74	\$15.58
Lower Colorado River Authority	Fayette	SUB	S	Caballo Rojo-S	WY	384,000	8,473	0.32	5.40	92.22	\$15.63
Lower Colorado River Authority	Fayette	SUB	S	Coal Creek - S	WY	23,100	8,266	0.35	5.56	93.66	\$15.48
Lower Colorado River Authority	Fayette	SUB	S	Cordero-Spot	WY	516,700	8,370	0.34	5.93	92.79	\$15.53
Lower Colorado River Authority	Fayette	SUB	S	Rojo-Spot	WY	369,000	8,517	0.29	5.57	91.75	\$15.63

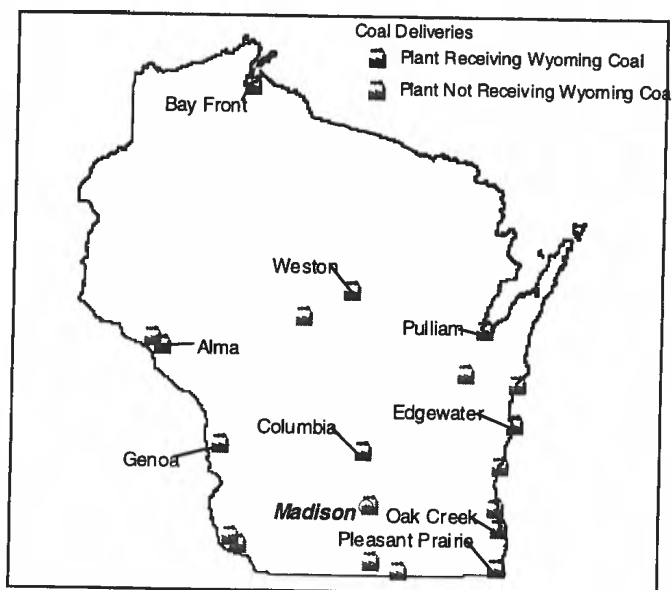
2000 Directory of Power Plants Burning Wyoming Coal

Texas (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Texas Municipal Power Agency	Gibbons Creek	NG	I	Ensearch Energy Services		57,364	1,018	0.00	0.00	244.23	na
Texas Municipal Power Agency	Gibbons Creek	SUB	C	Caballo Mine	WY	126,641	8,437	0.31	5.62	119.40	\$20.15
Texas Municipal Power Agency	Gibbons Creek	SUB	C	Caballo Rojo Mine	WY	633,621	8,476	0.32	5.29	119.34	\$20.23
Texas Municipal Power Agency	Gibbons Creek	SUB	C	Cordero Mine	WY	1,159,174	8,402	0.33	5.80	120.74	\$20.29
Texas Municipal Power Agency	Gibbons Creek	SUB	S	Meridian Hydrocarbons, Inc.	WY	567	8,855	0.23	4.37	112.78	\$19.97
Southwestern Public Service	Harrington	NG	F	K N Marketing		182,548	1,004	0.00	0.00	266.70	na
Southwestern Public Service	Harrington	SUB	C	Black Thunder	WY	384,000	9,229	0.37	5.41	104.80	\$19.34
Southwestern Public Service	Harrington	SUB	C	Tuco, Inc	WY	4,017,500	8,885	0.35	5.41	120.37	\$21.39
Southwestern Public Service	Harrington	SUB	S	Tuco, Inc	WY	5,900	8,864	0.34	5.40	115.71	\$20.51
Texas Utilities Electric Co	Martin Lake	LIG	C	Texas Utilities Mining Co	TX	11,571,195	6,521	1.05	13.23	79.47	\$10.36
Texas Utilities Electric Co	Martin Lake	FO2	S	Composite		58,000	138,000	0.05	0.00	344.77	na
Texas Utilities Electric Co	Martin Lake	SUB	C	Composite	WY	127,000	8,326	0.39	5.09	122.70	\$20.43
Texas Utilities Electric Co	Monticello	FO2	S	Composite		54,000	138,000	0.05	0.00	334.02	na
Texas Utilities Electric Co	Monticello	LIG	C	Texas Utilities Mining Co	TX	9,661,000	5,834	0.50	19.04	117.65	\$13.73
Texas Utilities Electric Co	Monticello	SUB	C	Composite	WY	1,967,000	8,372	0.32	5.55	106.54	\$17.84
West Texas Utilities (CSW)	Oklauion	SUB	C	Peabody/Bellaire	WY	233,450	8,562	0.27	4.33	103.82	\$17.78
West Texas Utilities (CSW)	Oklauion	SUB	C	Triton/Buckskin	WY	1,802,474	8,365	0.48	5.47	147.47	\$24.67
West Texas Utilities (CSW)	Oklauion	SUB	S	Kennecott/Caballo Rojo	WY	785,407	8,454	0.33	5.34	101.10	\$17.09
West Texas Utilities (CSW)	Oklauion	SUB	S	Meridian/North Antelope	WY	435	8,886	0.20	4.55	85.39	\$15.18
West Texas Utilities (CSW)	Oklauion	SUB	S	Meridian/Spring Creek	MT	1,551	9,328	2.75	4.00	89.60	\$16.72
West Texas Utilities (CSW)	Oklauion	SUB	S	Kennecott/Jacob's Ranch	WY	64,210	8,656	0.47	5.76	100.48	\$17.40
Southwestern Public Service	Tolk	NG	F	K N Marketing		101,280	1,033	0.00	0.00	294.33	na
Southwestern Public Service	Tolk	SUB	C	Tuco, Inc	WY	4,418,890	8,685	0.34	5.33	177.76	\$30.88
Southwestern Public Service	Tolk	SUB	S	Tuco, Inc	WY	115,080	8,690	0.33	5.35	113.01	\$19.64
Reliant Energy HP&L	W. A. Parish	NG	F	Varioous		28,650,000	1,026	0.00	0.00	248.13	na
Reliant Energy HP&L	W. A. Parish	SUB	C	Kennecott Energy	WY	8,100,900	8,616	0.38	5.08	174.54	\$30.08
Reliant Energy HP&L	W. A. Parish	SUB	C	Kerr Mcgee-Jacobs Ranch	WY	2,675,300	8,657	0.45	5.56	167.88	\$29.07
Houston Lighting and Power	W. A. Parish	SUB	S	Aquila	WY	92,800	8,522	0.30	5.38	112.01	\$19.09
Houston Lighting and Power	W. A. Parish	SUB	S	Kennecott Energy	WY	61,700	8,331	0.34	5.96	114.60	\$19.09
Houston Lighting and Power	W. A. Parish	SUB	S	Kerr Mcgee-Jacobs Ranch	WY	190,700	8,677	0.44	5.40	108.90	\$18.90
Southwestern Electric Power(CSW)	Welsh Station	SUB	C	Eagle Butte and Belle Ayr	WY	3,958,000	8,433	0.34	4.70	161.23	\$27.19
Southwestern Electric Power(CSW)	Welsh Station	SUB	S	Eagle Butte and Belle Ayr	WY	980,000	8,441	0.35	4.68	133.30	\$22.50
Southwestern Electric Power(CSW)	Welsh Station	SUB	S	Amax Coal Co W: Eagle Butte	WY	137,000	8,373	0.30	4.78	136.82	\$22.91
Southwestern Electric Power(CSW)	Welsh Station	SUB	S	Kennecott Energy; Jacobs Ranch	WY	62,000	8,634	0.29	4.84	172.82	\$29.84
Southwestern Electric Power(CSW)	Welsh Station	SUB	S	Powder River Coal Co: N. Antelope	WY	1,728,000	8,676	0.20	4.57	145.67	\$25.28
Southwestern Electric Power(CSW)	Welsh Station	SUB	S	Triton Coal Co: Buckskin	WY	66,000	8,712	0.25	4.63	128.40	\$22.37

2000 Directory of Power Plants Burning Wyoming Coal

Wisconsin



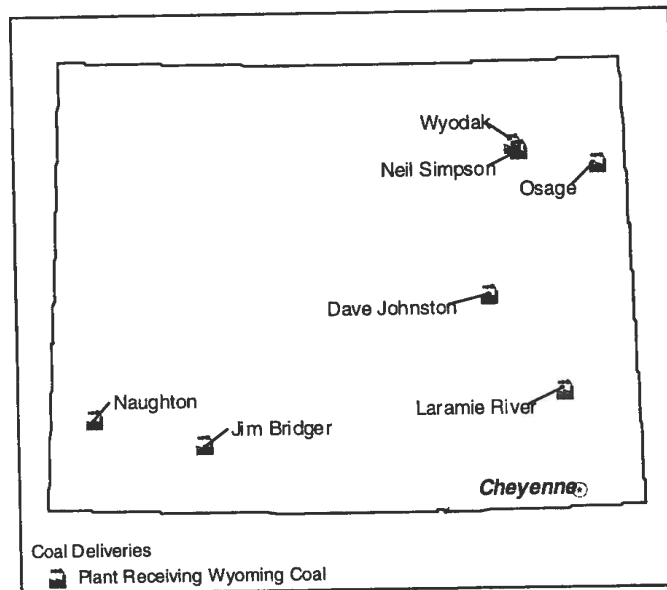
Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
Dairyland Power Coop	Alma	BIT	S	Sanborn Creek	CO	20,700	12,419	0.58	9.50	137.00	\$18.13
Dairyland Power Coop	Alma	BIT	S	West Elk	CO	217,600	11,644	0.50	8.80	136.90	\$17.01
Dairyland Power Coop	Alma	BIT	S	Rend Lake	IL	90,600	12,006	1.03	6.10	135.10	\$17.77
Dairyland Power Coop	Alma	SUB	S	Decker	MT	60,400	9,494	0.33	4.00	95.70	\$19.84
Dairyland Power Coop	Alma	FO2	S	Various		6,800	140,000	0.50	0.08	459.00	na
Dairyland Power Coop	Alma	SUB	C	North Antelope/Rochelle	WY	1,392,800	8,841	0.19	4.45	99.33	\$17.80
Dairyland Power Coop	Alma	SUB	S	Black Thunder	WY	25,900	8,860	0.25	5.00	94.90	\$18.67
Northern States Power	Bayfront	BIT	S	C Reiss Coal Sales	KY	16,300	13,593	0.78	5.70	192.20	\$52.25
Northern States Power	Bayfront	BIT	S	Seminole li	WY	57,700	11,184	0.52	6.22	157.27	\$35.18
Northern States Power	Bayfront	NG	I	Nsp Gas Util - Tx, Ok, Ks		616,900	1,007	0.00	0.00	327.87	na
Northern States Power	Bayfront	WD	S	Various		207,000	5,380	0.04	3.14	71.27	na
Wisconsin Power and Light	Columbia	FO2	S	Fauser Oil Co.		12,463	140,000	0.07	0.00	398.31	na
Wisconsin Power and Light	Columbia	SUB	S	Black Thunder	WY	536,807	8,767	0.32	5.47	89.11	\$15.62
Wisconsin Power and Light	Columbia	SUB	S	Buckskin	WY	229,730	8,394	0.45	5.56	95.06	\$15.96
Wisconsin Power and Light	Columbia	SUB	S	Caballo	WY	3,218,775	8,474	0.35	5.03	91.82	\$15.56
Wisconsin Power and Light	Columbia	SUB	S	Coal Creek	WY	83,485	8,326	0.31	5.39	91.70	\$15.27
Wisconsin Power and Light	Edgewater	BIT	S	Shoshone	WY	197,594	10,802	0.64	6.24	142.66	\$30.82
Wisconsin Power and Light	Edgewater	BIT	S	Robinson Run	WV	12,142	13,073	3.07	7.10	141.40	\$36.97
Wisconsin Power and Light	Edgewater	FO2	S	Fauser Oil Co.		6,777	140,000	0.03	0.00	425.80	na
Wisconsin Power and Light	Edgewater	SUB	C	Black Thunder	WY	571,295	8,727	0.33	5.55	113.34	\$19.78
Wisconsin Power and Light	Edgewater	SUB	C	Coal Creek	WY	779,967	8,600	0.35	5.47	120.71	\$20.76
Wisconsin Power and Light	Edgewater	SUB	S	Antelope	WY	359,946	8,802	0.24	5.32	105.71	\$18.61
Wisconsin Power and Light	Edgewater	SUB	S	Belle Ayr	WY	24,568	8,526	0.29	4.72	105.90	\$18.06
Wisconsin Power and Light	Edgewater	SUB	S	Black Thunder	WY	459,248	8,708	0.34	5.68	107.18	\$18.67
Wisconsin Power and Light	Edgewater	SUB	S	Coal Creek	WY	13,200	8,332	0.32	5.67	102.60	\$17.10
Wisconsin Power and Light	Edgewater	SUB	S	North Antelope	WY	153,137	8,863	0.18	4.25	102.87	\$18.23
Dairyland Power Coop	Genoa No.3	BIT	S	Rend Lake	IL	619,300	12,016	1.05	5.99	135.22	\$32.50
Dairyland Power Coop	Genoa No.3	FO2	S	Hartland Midwest		5,100	140,000	0.50	0.10	327.47	na
Dairyland Power Coop	Genoa No.3	FO2	S	Sparta Coop		1,700	140,000	0.50	0.00	434.40	na
Dairyland Power Coop	Genoa No.3	SUB	C	North Antelope/Rochelle	WY	399,800	8,827	0.19	4.47	119.75	\$21.14

2000 Directory of Power Plants Burning Wyoming Coal

Wisconsin (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	c/MMBtu	\$/Ton
Wisconsin Electric Power	Oak Creek	BIT	C	Bailey	PA	503,000	13,068	1.79	6.88	140.43	\$36.70
Wisconsin Electric Power	Oak Creek	BIT	C	Oxbow	CO	77,000	11,697	0.47	8.73	125.76	\$29.42
Wisconsin Electric Power	Oak Creek	BIT	C	York Canyon	NM	228,000	12,058	0.59	13.85	160.36	\$38.67
Wisconsin Electric Power	Oak Creek	NG	I	Various		578,000	1,021	0.00	0.00	285.23	na
Wisconsin Electric Power	Oak Creek	SUB	C	Antelope	WY	751,000	8,827	0.25	5.31	94.80	\$16.74
Wisconsin Electric Power	Oak Creek	SUB	C	No. Antelope/Rochelle	WY	1,587,000	8,799	0.19	4.96	93.22	\$16.40
Wisconsin Electric Power	Pleasant Prairie	NG	I	Various		230,000	1,015	0.00	0.00	287.00	na
Wisconsin Electric Power	Pleasant Prairie	SUB	C	Caballo	WY	2,518,000	8,465	0.35	5.08	72.09	\$12.20
Wisconsin Electric Power	Pleasant Prairie	SUB	C	Coal Creek	WY	751,000	8,303	0.35	5.51	74.17	\$12.32
Wisconsin Electric Power	Pleasant Prairie	SUB	C	Cordero Rojo	WY	2,392,000	8,472	0.31	5.43	72.96	\$12.36
Wisconsin Electric Power	Pleasant Prairie	SUB	C	Cordero	WY	42,000	8,345	0.31	5.70	75.17	\$12.55
Wisconsin Public Service Corp	Pulliam	NG	I	Anr Pipeline		241,700	1,014	0.00	0.00	292.84	na
Wisconsin Public Service Corp	Pulliam	SUB	C	Black Thunder	WY	125,000	8,733	0.32	5.41	102.81	\$17.96
Wisconsin Public Service Corp	Pulliam	SUB	C	North Antelope	WY	1,294,000	8,923	0.18	4.24	99.99	\$17.84
Wisconsin Public Service Corp	Pulliam	SUB	S	Belle Ayr	WY	23,000	8,535	0.29	4.70	98.40	\$16.80
Wisconsin Public Service Corp	Pulliam	SUB	S	Black Thunder	WY	17,000	8,785	0.29	5.30	106.30	\$18.68
Wisconsin Public Service Corp	Pulliam	SUB	S	North Antelope	WY	46,000	8,774	0.23	4.50	108.00	\$18.95
Wisconsin Public Service Corp	Weston 3	NG	I	Anr Pipeline		80,600	1,014	0.00	0.00	306.02	na
Wisconsin Public Service Corp	Weston 3	SUB	C	Black Thunder	WY	1,348,000	8,751	0.32	5.48	112.50	\$19.69
Wisconsin Public Service Corp	Weston 3	SUB	C	North Antelope	WY	409,000	8,916	0.18	4.22	95.07	\$16.95
Wisconsin Public Service Corp	Weston 3	SUB	S	Antelope	WY	108,000	8,791	0.20	5.20	96.92	\$17.04
Wisconsin Public Service Corp	Weston 3	SUB	S	Cordero Rojo	WY	132,000	8,441	0.33	5.30	91.62	\$15.47
Wisconsin Public Service Corp	Weston 3	SUB	S	North Rochelle	WY	24,000	8,764	0.24	4.30	100.00	\$17.53

Wyoming



2000 Directory of Power Plants Burning Wyoming Coal

Wyoming (con't)

Company Name	Plant Name	Fuel Type	CT	Source Name	State	Quantity	Btu	Sulfur%	Ash%	¢/MMBtu	\$/Ton
PacifiCorp	Dave Johnston	FO2	S	Conoco		18,000	140,000	0.30	0.00	418.46	na
PacifiCorp	Dave Johnston	SUB	C	Dave Johnston	WY	2,939,000	7,843	0.47	9.09	46.97	\$7.37
PacifiCorp	Dave Johnston	SUB	NC	Dry Fork Mine	WY	91,000	8,098	0.38	5.49	43.12	\$6.98
PacifiCorp	Dave Johnston	SUB	C	North Rochelle	WY	34,000	8,601	0.25	4.60	106.55	\$18.33
PacifiCorp	Dave Johnston	SUB	NC	Cordeo/Rojo	WY	210,000	8,418	0.38	5.81	42.36	\$7.13
PacifiCorp	Dave Johnston	SUB	NC	Buckskin	WY	30,000	8,447	0.45	5.30	41.90	\$7.08
PacifiCorp	Dave Johnston	SUB	S	Arch Coal Creek Mine	WY	15,000	8,352	0.34	5.80	43.30	\$7.23
PacifiCorp	Dave Johnston	SUB	S	Buckskin Mi	WY	150,000	8,300	0.35	5.41	72.67	\$12.06
PacifiCorp	Dave Johnston	SUB	S	Cordero/Rojo	WY	248,000	8,458	0.36	5.27	42.10	\$7.12
PacifiCorp	Jim Bridger	FO2	S	Conoco, Inc.		22,000	140,000	0.30	0.00	427.10	na
PacifiCorp	Jim Bridger	SUB	C	Black Butte	WY	2,805,000	9,513	0.48	8.34	79.81	\$15.18
PacifiCorp	Jim Bridger	SUB	C	Bridger Coal Field	WY	5,621,770	9,275	0.56	10.82	111.16	\$20.62
PacifiCorp	Jim Bridger	X	C	Sweetwater Resources Inc.		11,000	11,925	1.64	7.85	35.86	\$8.55
Basin Electric Power Coop	Laramie River 1-3	FO2	C	Various		37,900	137,883	0.34	0.00	525.47	na
Basin Electric Power Coop	Laramie River 1-3	SUB	C	Buckskin	WY	4,217,000	8,343	0.44	5.67	44.12	\$7.36
Basin Electric Power Coop	Laramie River 1-3	SUB	C	Caballo	WY	1,911,000	8,463	0.35	4.99	44.32	\$7.50
Basin Electric Power Coop	Laramie River 1-3	SUB	C	Dry Fork	WY	338,900	8,179	0.37	5.50	45.26	\$7.40
Basin Electric Power Coop	Laramie River 1-3	SUB	C	Rawhide/Caballo	WY	545,500	8,293	0.30	5.03	45.48	\$7.54
PacifiCorp	Naughton	BIT	C	Pittsburgh & Midway	WY	2,261,000	9,982	0.74	4.86	115.12	\$22.98
PacifiCorp	Naughton	NG	F	Questar		173,000	1,044	0.00	0.00	372.26	na
Black Hills Power and Light	Neil Simpson No. 2	FO2	S	Pearson Oil Company		1,788	142,857	0.06	0.00	443.83	na
Black Hills Power and Light	Neil Simpson No. 2	SUB	C	Wydoak Coal Mine	WY	495,950	8,522	0.57	7.04	42.70	\$7.28
PacifiCorp	Wyodak	FO2	S	Various		5,000	140,000	0.30	0.00	499.02	na
PacifiCorp	Wyodak	SUB	C	Wyodak Mine	WY	2,092,000	8,019	0.53	6.72	73.43	\$11.78