Table 1. 2006 Summary Statistics

Item	Value	U.S. Rank
Wyoming		
NERC Region(s)		**MRO/WECC**
Primary Energy Source		**Coal**
Net Summer Capacity (megawatts)	**6,707**	**39**
Electric Utilities	6,137	33
Independent Power Producers & Combined Heat and Power	569	45
Net Generation (megawatthours)	**45,400,370**	**34**
Electric Utilities	42,905,244	23
Independent Power Producers & Combined Heat and Power	2,495,126	42
Emissions (thousand metric tons)		
Sulfur Dioxide	84	26
Nitrogen Oxide	82	19
Carbon Dioxide	45,216	21
Sulfur Dioxide (lbs/MWh)	4.1	23
Nitrogen Oxide (lbs/MWh)	4.0	8
Carbon Dioxide (lbs/MWh)	2,196	3
Total Retail Sales (megawatthours)	**14,946,612**	**40**
Full Service Provider Sales (megawatthours)	14,946,612	40
Direct Use (megawatthours)	**1,216,635**	**27**
Average Retail Price (cents/kWh)	**5.27**	**49**

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capacity, 2006

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Wyoming			
1. Jim Bridger	Coal	PacifiCorp	2,120
2. Laramie River Station	Coal	Basin Electric Power Coop	1,705
3. Dave Johnston	Coal	PacifiCorp	762
4. Naughton	Coal	PacifiCorp	700
5. Wyodak	Coal	PacifiCorp	335
6. Wyoming Wind Energy Center	Other Renewables	FPL Energy Wyoming Wind LLC	144
7. Neil Simpson II	Coal	Black Hills Power Inc	114
8. Shute Creek Facility	Gas	Exxon Mobil Production Co	92
9. Wygen 1	Coal	Black Hills Power Inc	70
10. Fremont Canyon	Hydroelectric	U S Bureau of Reclamation	67

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2006
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Wyoming						
1. PacifiCorp	Investor-Owned	8,309,358	970,126	1,379,819	5,959,413	-
2. Powder River Energy Corporation	Cooperative	2,507,239	172,859	1,177,016	1,157,364	-
3. Cheyenne Light Fuel & Power Co	Investor-Owned	926,171	256,954	539,755	129,462	-
4. High Plains Power Inc	Cooperative	857,520	132,204	54,153	671,163	-
5. Lower Valley Energy Inc	Cooperative	592,247	338,491	242,462	11,294	-
Total Sales, Top Five Providers		13,192,535	1,870,634	3,393,205	7,928,696	-
Percent of Total State Sales		88	76	82	95	-

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatts)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Wyoming										
Electric Utilities	**5,809**	**5,970**	**6,052**	**6,122**	**6,088**	**6,086**	**6,241[R]**	**6,137**	**98.3**	**91.5**
Coal	5,525	5,662	5,710	5,692	5,692	5,692	5,817[R]	5,747	93.5	85.7
Petroleum	15	15	5	5	5	5	-[R]	-	0.2	-
Natural Gas	-	-	34	119	85	80	113[R]	79	-	1.2
Hydroelectric	269	294	297	300	300	303	303	303	4.6	4.5
Other Renewables	-	-	6	6	6	6	9	9	-	0.1
Independent Power Producers and Combined Heat and Power	**100**	**91**	**271**	**226**	**474**	**473**	**465[R]**	**569**	**1.7**	**8.5**
Coal	28	28	30	30	100	100	30[R]	100	0.5	1.5
Petroleum	1	-	7	4	4	2	6[R]	6	*	0.1
Natural Gas	48	50	99	58	92	81	47[R]	81	0.8	1.2
Other Gases	5	3	-	-	-	-	92	92	0.1	1.4
Other Renewables	8	-	135	135	279	279	279	279	0.1	4.2
Other	11	11	-	-	-	12	12	12	0.2	0.2
Total Electric Industry	**5,909**	**6,062**	**6,323**	**6,348**	**6,562**	**6,558**	**6,707**	**6,707**	**100.0**	**100.0**
Coal	5,553	5,690	5,740	5,722	5,792	5,792	5,847	5,847	94.0	87.2
Petroleum	16	15	12	8	8	6	6	6	0.3	0.1
Natural Gas	48	50	133	177	177	161	160	160	0.8	2.4
Other Gases	5	3	-	-	-	-	92	92	0.1	1.4
Hydroelectric	269	294	297	300	300	303	303	303	4.6	4.5
Other Renewables	8	-	141	141	285	285	287	287	0.1	4.3
Other	11	11	-	-	-	12	12	12	0.2	0.2

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatthours)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Wyoming										
Electric Utilities	**39,378,154**	**39,683,722**	**43,764,015**	**42,532,420**	**42,261,405**	**43,059,537**	**44,031,568**	**42,905,244**	**98.5**	**94.5**
Coal	38,681,220	38,804,539	42,560,578	41,685,278	41,490,825	42,372,775	43,112,061	41,948,761	96.8	92.4
Petroleum	45,561	67,673	33,744	38,686	41,567	43,450	40,311	44,240	0.1	0.1
Natural Gas	6,760	13,007	274,383	205,791	119,729	35,207	55,805	48,492	*	0.1
Hydroelectric	644,613	798,503	879,111	583,615	593,555	593,147	808,375	843,316	1.6	1.9
Other Renewables	-	-	16,199	19,050	15,729	14,958	15,016	20,435	-	*
Independent Power Producers and Combined Heat and Power	**596,811**	**567,887**	**1,012,923**	**1,251,419**	**1,365,197**	**1,748,068**	**1,535,739**	**2,495,126**	**1.5**	**5.5**
Coal	227,247	191,836	228,732	237,883	850,627	972,943	233,624	943,107	0.6	2.1
Petroleum	3,644	2,632	2,352	1,418	3,354	2,441	1,984	1,698	*	*
Natural Gas	261,442	309,443	317,459	507,289	160,467	51,681	269,177	452,733	0.7	1.0
Other Gases	8,642	9,230	7,511	-	-	12,746	263,586	309,927	*	0.7
Other Renewables	50,440	-	348,960	428,280	350,749	601,557	702,248	738,626	0.1	1.6
Other	45,396	54,746	107,909	76,549	-	106,700	65,120	49,035	0.1	0.1
Total Electric Industry	**39,974,965**	**40,251,609**	**44,776,938**	**43,783,839**	**43,626,602**	**44,807,605**	**45,567,307**	**45,400,370**	**100.0**	**100.0**
Coal	38,908,467	38,996,375	42,789,310	41,923,161	42,341,452	43,345,718	43,345,685	42,891,868	97.3	94.5
Petroleum	49,205	70,305	36,096	40,104	44,921	45,891	42,295	45,938	0.1	0.1
Natural Gas	268,202	322,450	591,842	713,080	280,196	86,888	324,982	501,225	0.7	1.1
Other Gases	8,642	9,230	7,511	-	-	12,746	263,586	309,927	*	0.7
Hydroelectric	644,613	798,503	879,111	583,615	593,555	593,147	808,375	843,316	1.6	1.9
Other Renewables	50,440	-	365,159	447,330	366,478	616,515	717,264	759,061	0.1	1.7
Other	45,396	54,746	107,909	76,549	-	106,700	65,120	49,035	0.1	0.1

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2001 Through 2006

Fuel, Quality	1990	1995	2001	2002	2003	2004	2005	2006
Wyoming								
Coal (cents per million Btu)	84	82	77	79	82	87	95	W
Average heat value (Btu per pound)	8,811	8,738	8,880	8,759	8,826	8,826	8,814	8,708
Average sulfur Content (percent)	0.54	0.50	0.48	0.49	0.49	0.48	0.49	0.51
Petroleum (cents per million Btu)	527	445	707	553	714	950	1,317	1,628
Average heat value (Btu per gallon)	138,848	139,281	146,905	139,448	139,593	139,338	139,638	139,333
Average sulfur Content (percent)	0.32	0.27	0.31	0.31	0.30	0.31	0.30	0.32
Natural Gas (cents per million Btu)	315	798	382	W	W	341	553	W
Average heat value (Btu per cubic foot)	1,035	1,043	960	854	997	1,060	1,048	983

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2001 Through 2006
(Thousand Metric Tons)

Emission Type	1990	1995	2001	2002	2003	2004	2005	2006
Wyoming								
Sulfur Dioxide								
Coal	98	85	86	93	84	84	87	84
Petroleum	*	*	21	16	*	*	*	*
Natural Gas	*	*	*	*	*	-	*	*
Other	1	*	*	*	-	-	-	*
Total	99	85	107	109	84	85	88	84
Nitrogen Oxide								
Coal	185	189	79	96	79	86	82	78
Petroleum	*	*	5	5	*	*	*	*
Natural Gas	1	1	41	72	*	*	*	1
Other	*	-	18	4	-	*	*	2
Total	185	189	143	177	79	86	82	82
Carbon Dioxide								
Coal	40,381	40,601	45,107	44,046	45,128	45,757	44,971	44,688
Petroleum	63	98	68	40	39	77	70	69
Natural Gas	184	203	396	427	174	164	390	458
Total	40,628	40,903	45,571	44,514	45,341	45,998	45,431	45,216

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2001 Through 2006

Sector	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Wyoming										
Retail Sales (thousand megawatthours)										
Residential	1,720	1,939	2,146	2,232	2,286	2,262	2,377	2,468	14.6	16.5
Commercial	2,176	2,330	2,915	3,027	3,282	3,393	3,754	4,117	18.5	27.5
Industrial	7,729	6,817	7,700	7,453	7,685	7,884	8,007	8,362	65.7	55.9
Other	144	113	189	162	NA	NA	NA	NA	1.2	NA
All Sectors	11,769	11,199	12,950	12,874	13,254	13,540	14,138	14,947	100.0	100.0
Retail Revenue (million dollars)										
Residential	103	118	145	156	161	163	178	191	20.7	24.3
Commercial	112	119	158	173	189	203	232	258	22.7	32.8
Industrial	268	239	264	264	281	308	319	338	54.2	42.9
Other	11	8	10	10	NA	NA	NA	NA	2.3	NA
All Sectors	495	484	577	602	630	674	729	788	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential	5.97	6.09	6.77	6.97	7.04	7.21	7.48	7.75	NA	NA
Commercial	5.17	5.11	5.41	5.71	5.74	5.98	6.17	6.28	NA	NA
Industrial	3.47	3.50	3.43	3.55	3.65	3.91	3.99	4.04	NA	NA
Other	7.90	7.16	5.07	5.93	NA	NA	NA	NA	NA	NA
All Sectors	4.21	4.32	4.46	4.68	4.76	4.98	5.16	5.27	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2006

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Wyoming								
Number of Entities	5	13	1	16	NA	NA	NA	35
Number of Retail Customers	183,853	31,684	7	91,322	NA	NA	NA	306,866
Retail Sales (thousand megawatthours)	9,682	582	33	4,650	NA	NA	NA	14,947
Percentage of Retail Sales	64.78	3.89	0.22	31.11	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	510	39	1	238	NA	NA	NA	788
Percentage of Revenue	64.81	4.90	0.07	30.23	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	5.27	6.63	1.58	5.12	NA	NA	NA	5.27

Table 9 Notes: Data are shown for All Sectors. Full Service Providers sell bundled electricity services (e.g., both energy and delivery) to end users. Full Service Providers may purchase electricity from others (such as independent Power Producers or other full service providers) prior to delivery. Other Providers sell either the energy or the delivery services, but not both. Sales volumes and customer counts shown for Other Providers refer to delivered electricity, which is a joint activity of both energy and delivery providers; for clarity, they are reported only in the Energy column in this table. The revenue shown under Other Providers represents the revenue realized from the sale of the energy and the delivery services distinctly. "Public" entities include municipalities, State power agencies, and municipal marketing authorities. "Federal" entities are either owned or financed by the Federal Government. "Cooperatives" are electric utilities legally established to be owned by and operated for the benefit of those using its services. The cooperative will generate, transmit and/or distribute supplies of electric energy to a specified area not being serviced by another utility. "Facility" sales represent direct electricity transactions from independent generators to end use consumers.

Table 10. Supply and Disposition of Electricity, 1990, 1995, and 2001 Through 2006
(Million Kilowatthours)

Category	1990	1995	2001	2002	2003	2004	2005	2006
Wyoming								
Supply								
Generation								
Electric Utilities	39,378	39,684	43,764	42,532	42,261	43,060	44,032	42,905
Independent Power Producers	-	-	349	576	1,052	1,350	702	1,484
Electric Power Sector Generation Subtotal	**39,378**	**39,684**	**44,113**	**43,108**	**43,314**	**44,410**	**44,734**	**44,389**
Combined Heat and Power, Industrial	597	568	664	676	313	398	833	1,012
Industrial and Commercial Generation Subtotal	**597**	**568**	**664**	**676**	**313**	**398**	**833**	**1,012**
Total Net Generation	**39,975**	**40,252**	**44,777**	**43,784**	**43,627**	**44,808**	**45,567**	**45,400**
Total International Imports	**-**	**-**	**-**	**21**	**29**	**19**	**48**	**28**
Total Supply	**39,975**	**40,252**	**44,777**	**43,805**	**43,655**	**44,827**	**45,615**	**45,428**
Disposition								
Retail Sales								
Full Service Providers	11,769	11,199	12,950	12,874	13,251	13,540	14,138	14,947
Facility Direct Retail Sales	-	-	-	-	3	-	-	-
Total Electric Industry Retail Sales	**11,769**	**11,199**	**12,950**	**12,874**	**13,254**	**13,540**	**14,138**	**14,947**
Direct Use	**547**	**568**	**639**	**653**	**662**	**662**	**350**	**1,217**
Total International Exports	**-**	**-**	**-**	**-**	**-**	**75**	**145**	**75**
Estimated Losses	**882**	**850**	**823**	**958**	**791**	**1,004**	**1,110**	**1,224**
Total Disposition	**13,198**	**12,617**	**14,412**	**14,485**	**14,707**	**15,282**	**15,743**	**17,462**
Net Interstate Trade	**26,777**	**27,635**	**30,365**	**29,320**	**28,949**	**29,545**	**29,872**	**27,966**
Net Trade Index (ratio)	**3.03**	**3.19**	**3.11**	**3.02**	**2.97**	**2.93**	**2.90**	**2.60**

R = Revised.
NA = Not applicable; NM = Not meaningful.
W = Withheld to avoid disclosure of individual company data.
- = Data not available.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *.)
Totals may not equal sum of components because of independent rounding.
Table 10 Notes: Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. Net Interstate Trade represents the difference between the amount of electricity produced in the State and consumed in the State. Positive values indicate a State that is a net interstate exporter of electricity; negative values indicate a State that is a net interstate importer of electricity. The Net Trade Index represents a State's electricity self-sufficiency. Values greater than 1 indicate that, on an annual net basis, the State supplied electricity consumed outside the State; values less than 1 indicate that, on an annual net basis, the State consumed electricity produced outside the State.
General Notes: Table 4 "Other Renewables" includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. The "Other" category includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. However, Table 5 "Other Renewables" includes only biogenic municipal solid waste, in addition to wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. In Table 5 "Other" includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. In Table 7, "Other Renewables" emissions include biogenic municipal solid waste, and other renewable waste.
Direct use is commercial or industrial use of electricity that (1) is self-generated (2) is produced by either the same entity that consumes the power or an affiliate, and (3) is used in direct support of a service or industrial process located within the same facility or group of facilities that houses the generating equipment. Direct use is exclusive of station use.