

Table 1. 2006 Summary Statistics

Item	Value	U.S. Rank
Colorado		
NERC Region(s).....		WECC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	11,156	31
Electric Utilities.....	8,034	28
Independent Power Producers & Combined Heat and Power.....	3,123	30
Net Generation (megawatthours).....	50,698,353	28
Electric Utilities.....	42,055,989	25
Independent Power Producers & Combined Heat and Power.....	8,642,364	31
Emissions (thousand metric tons)		
Sulfur Dioxide	59	30
Nitrogen Oxide	66	26
Carbon Dioxide.....	41,847	23
Sulfur Dioxide (lbs/MWh)	2.5	34
Nitrogen Oxide (lbs/MWh)	2.9	19
Carbon Dioxide (lbs/MWh).....	1,820	12
Total Retail Sales (megawatthours)	49,733,698	27
Full Service Provider Sales (megawatthours)	49,733,698	25
Direct Use (megawatthours)	150,126	42
Average Retail Price (cents/kWh).....	7.61	26

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)
Colorado			
1. Craig	Coal	Tri-State G & T Assn, Inc	1,274
2. Cherokee	Coal	Public Service Co of Colorado	723
3. Fort St Vrain	Gas	Public Service Co of Colorado	690
4. Comanche	Coal	Public Service Co of Colorado	660
5. Rocky Mountain Energy Center.....	Gas	Rocky Mountain Energy Ctr LLC	608
6. Rawhide	Coal	Platte River Power Authority	538
7. Pawnee	Coal	Public Service Co of Colorado	505
8. Front Range Power Project.....	Gas	Colorado Springs City of	462
9. Hayden.....	Coal	Public Service Co of Colorado	446
10. Cabin Creek	Pumped Storage	Public Service Co of Colorado	324

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
Colorado						
1. Public Service Co of Colorado	Investor-Owned	27,198,518	8,557,673	12,955,311	5,660,827	24,707
2. Colorado Springs City of	Public	4,451,192	1,363,884	1,938,210	1,149,098	-
3. Intermountain Rural Elec Assn	Cooperative	1,993,685	1,279,609	550,773	163,303	-
4. Aquila Inc	Investor-Owned	1,824,169	571,970	707,768	544,431	-
5. Fort Collins City of	Public	1,404,784	467,812	482,252	454,720	-
Total Sales, Top Five Providers		36,872,348	12,240,948	16,634,314	7,972,379	24,707
Percent of Total State Sales		74	72	83	63	100

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
Colorado										
Electric Utilities.....	6,633	6,647	7,479	7,603	7,883	7,954	7,955^R	8,034	95.9	72.0
Coal.....	4,945	4,954	4,981	4,891	4,891	4,891	4,888	4,899	71.5	43.9
Petroleum.....	221 ^R	221 ^R	178	193	193	207	181	179	3.2	1.6
Natural Gas	393 ^R	359 ^R	1,142	1,333	1,612	1,662	1,684 ^R	1,752	5.7	15.7
Hydroelectric	542	582	600	600	601	601	610	609	7.8	5.5
Other Renewables.....	-	-	16	24	24	30	31	32	-	0.3
Pumped Storage.....	533	533	563	563	563	563	563	563	7.7	5.0
Independent Power Producers and Combined Heat and Power	281	632	1,431	1,833	2,487	3,131	3,131^R	3,123	4.1	28.0
Coal.....	33	33	40	40	40	40	40	40	0.5	0.4
Petroleum.....	3	3	2	2	2	2	2	2	*	*
Natural Gas	212	562	1,300	1,724	2,221	2,840	2,840 ^R	2,771	3.1	24.8
Hydroelectric	29	30	43	43	38	42	42	42	0.4	0.4
Other Renewables.....	5	5	46	23	185	207	207	267	0.1	2.4
Total Electric Industry.....	6,914	7,280	8,910	9,435	10,370	11,085	11,086	11,156	100.0	100.0
Coal.....	4,977	4,986	5,021	4,931	4,931	4,931	4,928	4,939	72.0	44.3
Petroleum.....	224 ^R	224 ^R	181	195	195	210	183	181	3.2	1.6
Natural Gas	604 ^R	920 ^R	2,442	3,057	3,833	4,502	4,523	4,523	8.7	40.5
Hydroelectric	571	612	642	643	639	643	652	652	8.3	5.8
Other Renewables.....	5	5	62	47	209	237	238	299	0.1	2.7
Pumped Storage.....	533	533	563	563	563	563	563	563	7.7	5.0

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
Colorado										
Electric Utilities.....	31,312,872	32,673,972	41,957,723	41,509,933	41,226,252	40,436,218	41,014,609	42,055,989	96.2	83.0
Coal.....	29,602,738	30,276,010	35,654,162	35,135,198	35,807,527	35,570,358	35,285,966	36,003,331	91.0	71.0
Petroleum.....	25,129	10,136	158,742	22,519	33,927	11,797	15,464	17,646	0.1	*
Natural Gas.....	409,078	286,971	4,884,010	5,321,770	4,369,743	3,899,293	4,490,864	4,494,604	1.3	8.9
Other Gases.....	-	-	-	2,884	4,001	1,753	2,430	2,519	-	*
Hydroelectric.....	1,308,961	2,008,902	1,472,627	1,187,839	1,156,217	1,076,897	1,283,074	1,676,432	4.0	3.3
Other Renewables.....	164	-	38,764	59,987	58,477	67,921	58,874	61,959	*	0.1
Pumped Storage.....	-33,198	91,953	-250,582	-220,264	-203,640	-191,801	-122,063	-200,502	-0.1	-0.4
Independent Power Producers and Combined Heat and Power.....	1,235,255	2,943,262	4,918,279	4,090,455	5,390,534	7,433,275	8,602,085^R	8,642,364	3.8	17.0
Coal.....	212,245	216,672	296,866	253,053	308,096	278,103	284,169	266,094	0.7	0.5
Petroleum.....	2,261	1,576	17,487	661	67	1,911	1,582	3,254	*	*
Natural Gas.....	881,014	2,569,817	4,507,777	3,706,720	4,856,291	6,848,293	7,432,426	7,378,003	2.7	14.6
Hydroelectric.....	110,909	122,287	22,070	21,168	105,980	117,768	132,222	114,775	0.3	0.2
Other Renewables.....	28,826	32,910	74,079	108,853	120,102	187,200	751,687	834,269	0.1	1.6
Other.....	-	-	-	-	-	-	-	45,969	-	0.1
Total Electric Industry.....	32,548,127	35,617,234	46,876,002	45,600,388	46,616,786	47,869,493	49,616,694^R	50,698,353	100.0	100.0
Coal.....	29,814,983	30,492,682	35,951,028	35,388,251	36,115,623	35,848,461	35,570,135	36,269,425	91.6	71.5
Petroleum.....	27,390	11,712	176,229	23,180	33,994	13,708	17,046	20,900	0.1	*
Natural Gas.....	1,290,092	2,856,788	9,391,787	9,028,490	9,226,034	10,747,586	11,923,290	11,872,607	4.0	23.4
Other Gases.....	-	-	-	2,884	4,001	1,753	2,430	2,519	-	*
Hydroelectric.....	1,419,870	2,131,189	1,494,697	1,209,007	1,262,197	1,194,665	1,415,296	1,791,207	4.4	3.5
Other Renewables.....	28,990	32,910	112,843	168,840	178,579	255,121	810,561	896,228	0.1	1.8
Pumped Storage.....	-33,198	91,953	-250,582	-220,264	-203,640	-191,801	-122,063	-200,502	-0.1	-0.4
Other.....	-	-	-	-	-	-	-	45,969	-	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
Colorado								
Coal (cents per million Btu)	106	105	92	95	97	97	106	128
Average heat value (Btu per pound)	9,808	9,895	9,780	9,767	9,793	9,824	9,876	9,802
Average sulfur Content (percent)	0.38	0.39	0.38	0.40	0.39	0.38	0.39	0.39
Petroleum (cents per million Btu)	535	477	721	705	W	1,129	1,768	W
Average heat value (Btu per gallon)	137,005	137,957	138,810	127,436	123,940	126,438	117,200	140,414
Average sulfur Content (percent)	0.32	0.05	0.24	0.02	0.01	0.08	0.03	0.51
Natural Gas (cents per million Btu)	217	173	375	246	430	554	724	607
Average heat value (Btu per cubic foot)	988	1,008	1,040	1,025	1,027	1,021	1,024	1,025

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
Colorado								
Sulfur Dioxide								
Coal.....	93	99	85	83	70	59	58	59
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	*	*	-	-	-	-	-	-
Total.....	93	99	85	83	70	59	58	59
Nitrogen Oxide								
Coal.....	144	132	65	66	66	61	63	60
Petroleum.....	*	*	1	*	*	*	*	*
Natural Gas.....	2	3	6	6	6	4	4	5
Other.....	*	*	1	*	*	1	*	*
Total.....	146	136	73	72	72	67	67	66
Carbon Dioxide								
Coal.....	30,168	30,830	36,455	36,293	35,998	35,692	35,472	36,424
Petroleum.....	23	18	216	26	32	16	21	35
Natural Gas.....	874	1,587	5,115	4,666	4,573	4,905	5,348	5,389
Other Renewables.....	1	-	-	-	-	-	-	-
Total.....	31,066	32,435	41,786	40,985	40,603	40,613	40,841	41,847

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
Colorado										
Retail Sales (thousand megawatthours)										
Residential.....	9,787	11,307	14,470	15,425	15,725	15,532	16,436	16,952	31.8	34.1
Commercial.....	13,553	13,420	17,890	18,438	19,657	19,498	19,846	20,153	44.0	40.5
Industrial.....	6,587	9,706	10,918	10,672	11,076	11,675	12,052	12,605	21.4	25.3
Other.....	867	884	958	1,401	NA	NA	NA	NA	2.8	NA
Transportation.....	NA	NA	NA	NA	37	19	19	25	NA	*
All Sectors.....	30,795	35,317	44,236	45,937	46,495	46,724	48,353	49,734	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	687	839	1,080	1,137	1,280	1,307	1,490	1,529	37.9	40.4
Commercial.....	768	815	1,014	1,045	1,298	1,343	1,512	1,512	42.3	40.0
Industrial.....	296	438	489	483	565	596	691	741	16.3	19.6
Other.....	63	70	80	93	NA	NA	NA	NA	3.5	NA
Transportation.....	NA	NA	NA	NA	3	1	1	2	NA	0.1
All Sectors.....	1,814	2,162	2,662	2,758	3,146	3,247	3,694	3,785	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	7.02	7.42	7.47	7.37	8.14	8.42	9.06	9.02	NA	NA
Commercial.....	5.67	6.07	5.67	5.67	6.60	6.89	7.62	7.50	NA	NA
Industrial.....	4.49	4.52	4.48	4.52	5.10	5.11	5.74	5.88	NA	NA
Other.....	7.28	7.87	8.36	6.64	NA	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	7.32	5.81	5.01	7.78	NA	NA
All Sectors.....	5.89	6.12	6.02	6.00	6.77	6.95	7.64	7.61	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	
Number of Entities	2	29	1	28	2	NA	NA	62
Number of Retail Customers	1,402,946	413,009	14	573,563	2	NA	NA	2,389,534
Retail Sales (thousand megawatthours)	29,023	8,619	58	11,727	307	NA	NA	49,734
Percentage of Retail Sales	58.36	17.33	0.12	23.58	0.62	NA	NA	100.00
Revenue from Retail Sales (million dollars)	2,206	574	1	991	12	NA	NA	3,785
Percentage of Revenue	58.30	15.17	0.03	26.18	0.32	NA	NA	100.00
Average Retail Price (cents/kWh)	7.60	6.66	2.13	8.45	3.90	NA	NA	7.61

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
Colorado								
Supply								
Generation								
Electric Utilities	31,313	32,674	41,958	41,510	41,226	40,436	41,015	42,056
Independent Power Producers	226	237	1,667	961	2,877	5,596	6,834	7,004
Combined Heat and Power, Electric	930	2,427	2,958	2,866	2,314	1,685	1,643	1,533
Electric Power Sector Generation Subtotal	32,469	35,337	46,582	45,337	46,417	47,718	49,492	50,593
Combined Heat and Power, Commercial	25	198	212	143	119	93	54	28
Combined Heat and Power, Industrial	54	82	82	121	81	59	70	78
Industrial and Commercial Generation Subtotal	79	280	294	264	200	152	125	106
Total Net Generation	32,548	35,617	46,876	45,600	46,617	47,869	49,617	50,698
Total International Imports	-	-	36	7	10	37	28	1
Total Supply	32,548	35,617	46,912	45,607	46,627	47,907	49,645	50,700
Disposition								
Retail Sales								
Full Service Providers	30,795	35,317	44,236	45,937	46,133	46,397	48,025	49,426
Facility Direct Retail Sales	-	-	-	-	362	327	328	307
Total Electric Industry Retail Sales	30,795	35,317	44,236	45,937	46,495	46,724	48,353	49,734
Direct Use	329	449	479	489	495	496	84	150
Total International Exports	-	-	-	-	-	-	*	-
Estimated Losses	2,309	2,681	1,337	4,965	5,409	3,850	4,393	4,345
Total Disposition	33,433	38,447	46,051	51,391	52,399	51,070	52,830	54,229
Net Interstate Trade	-884	-2,830	861	-5,784	-5,773	-3,163	-3,186	-3,529
Net Trade Index (ratio)	0.97	0.93	1.02	0.89	0.89	0.94	0.94	0.93

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.