

Table 1. Summary Renewable Electric Power Industry Statistics (2007)

Colorado

Primary Renewable Energy Capacity Source	Wind		
Primary Renewable Energy Generation Source	Hydro	Conventional	
<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>	
Total Net Summer Electricity Capacity	12,288	100.0	
Total Net Summer Renewable Capacity	1,746	14.2	
Geothermal	-	-	
Hydro Conventional	665	5.4	
Solar	8	0.1	
Wind	1,063	8.7	
Wood/Wood Waste	-	-	
MSW/Landfill Gas	-	-	
Other Biomass	10	0.1	
<u>Generation (thousand megawatthours)</u>			
Total Electricity Net Generation	53,907	100.0	
Total Renewable Net Generation	3,054	5.7	
Geothermal	-	-	
Hydro Conventional	1,730	3.2	
Solar	2	*	
Wind	1,292	2.4	
Wood/Wood Waste	-	0.0	
MSW Biogenic/Landfill Gas	-	-	
Other Biomass	31	0.1	

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2003 - 2007 (Megawatts)

Colorado

Energy Source	2003	2004	2005	2006	2007
Fossil	8,959	9,642	9,635	9,644	9,979
Coal	4,931	4,931	4,928	4,939	4,961
Petroleum	195	210	183	181	182
Natural Gas	3,833	4,502	4,523	4,523	4,836
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	848	880	889	950	1,746
Pumped Storage	563	563	563	563	563
Other	-	-	-	-	-
Total	10,370	11,085	11,086	11,156	12,288

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2003 - 2007 (Megawatts)

Colorado

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	639	643	652	652	665
Solar	-	-	-	-	8
Wind	199	227	228	289	1,063
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	10	10	10	10	10
Total	848	880	889	950	1,746

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2003 - 2007
(Thousand Megawatthours)**

Colorado

Energy Source	2003	2004	2005	2006	2007
Fossil	45,380	46,612	47,513	48,211	50,980
Coal	36,116	35,848	35,570	36,269	35,936
Petroleum	34	14	17	21	28
Natural Gas	9,226	10,747	11,923	11,919	15,014
Other Gases	4	2	2	3	2
Nuclear	-	-	-	-	-
Renewables	1,441	1,450	2,226	2,687	3,054
Pumped Storage	-204	-192	-122	-201	-168
Other	-	-	-	-	41
Total	46,617	47,869	49,617	50,698	53,907

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2003 - 2007
(Thousand Megawatthours)**

Colorado

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	1,262	1,195	1,415	1,791	1,730
Solar	-	-	-	-	2
Wind	147	220	776	866	1,292
Wood/Wood Waste	-	s	s	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	31	35	34	31	31
Total	1,441	1,450	2,226	2,687	3,054

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."