

Table 1. Summary Renewable Electric Power Industry Statistics (2010)**Colorado**

Primary Renewable Energy Capacity Source	Wind
Primary Renewable Energy Generation Source	Wind

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	13,777	100.0
Total Net Summer Renewable Capacity	2,010	14.6
Geothermal	-	-
Hydro Conventional	662	4.8
Solar	41	0.3
Wind	1,294	9.4
Wood/Wood Waste	-	-
MSW/Landfill Gas	3	*
Other Biomass	10	0.1

Generation (thousand megawatthours)

Total Electricity Net Generation	50,721	100.0
Total Renewable Net Generation	5,133	10.1
Geothermal	-	-
Hydro Conventional	1,578	3.1
Solar	42	0.1
Wind	3,452	6.8
Wood/Wood Waste	2	*
MSW Biogenic/Landfill Gas	20	*
Other Biomass	38	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: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2006 - 2010 (Megawatts)**Colorado**

Energy Source	2006	2007	2008	2009	2010
Fossil	9,644	9,979	10,229	10,545	11,204
Coal	4,939	4,961	4,965	5,010	5,702
Petroleum	181	182	184	178	178
Natural Gas	4,523	4,836	5,080	5,357	5,325
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	950	1,746	1,753	1,931	2,010
Pumped Storage	563	563	563	563	563
Other	-	-	-	-	-
Total	11,156	12,288	12,545	13,038	13,777

- = 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: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2006 - 2010 (Megawatts)

Colorado

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	652	665	666	666	662
Solar	-	8	11	14	41
Wind	289	1,063	1,063	1,238	1,294
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	3	3	3
Other Biomass	10	10	10	10	10
Total	950	1,746	1,753	1,931	2,010

- = 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: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2006 - 2010
(Thousand Megawatthours)****Colorado**

Energy Source	2006	2007	2008	2009	2010
Fossil	48,211	50,980	48,334	45,490	45,639
Coal	36,269	35,936	34,828	31,636	34,559
Petroleum	21	28	19	13	17
Natural Gas	11,919	15,014	13,487	13,840	11,062
Other Gases	3	2	-	-	-
Nuclear	-	-	-	-	-
Renewables	2,687	3,054	5,324	5,132	5,133
Pumped Storage	-201	-168	-249	-109	-121
Other	-	41	33	53	70
Total	50,698	53,907	53,442	50,566	50,721

- = 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: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2006 - 2010
(Thousand Megawatthours)****Colorado**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,791	1,730	2,039	1,886	1,578
Solar	-	2	18	26	42
Wind	866	1,292	3,221	3,164	3,452
Wood/Wood Waste	-	-	s	s	2
MSW Biogenic/Landfill Gas	-	-	8	17	20
Other Biomass	31	31	37	39	38
Total	2,687	3,054	5,324	5,132	5,133

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: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.