

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

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

<b>Capacity (megawatts)</b>	<b>Value</b>	<b>Percent of State Total</b>
<b>Total Net Summer Electricity Capacity</b>	<b>67,328</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>16,460</b>	<b>24.4</b>
Geothermal	2,004	3.0
Hydro Conventional	10,141	15.1
Solar	475	0.7
Wind	2,812	4.2
Wood/Wood Waste	639	0.9
MSW/Landfill Gas	292	0.4
Other Biomass	97	0.1
<b>Generation (thousand megawatthours)</b>		
<b>Total Electricity Net Generation</b>	<b>204,126</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>58,881</b>	<b>28.8</b>
Geothermal	12,600	6.2
Hydro Conventional	33,431	16.4
Solar	769	0.4
Wind	6,079	3.0
Wood/Wood Waste	3,551	1.7
MSW Biogenic/Landfill Gas	1,812	0.9
Other Biomass	639	0.3

**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)****California**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	39,351	39,961	39,950	41,443	42,654
Coal	389	389	367	367	374
Petroleum	789	754	752	734	701
Natural Gas	38,001	38,556	38,635	40,146	41,370
Other Gases	171	262	197	197	209
Nuclear	4,390	4,390	4,390	4,390	4,390
Renewables	15,776	15,774	15,945	16,295	16,460
Pumped Storage	3,688	3,688	3,813	3,813	3,813
Other	8	-	7	7	11
<b>Total</b>	<b>63,213</b>	<b>63,813</b>	<b>64,105</b>	<b>65,948</b>	<b>67,328</b>

- = 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)**

**California**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Geothermal	2,032	1,940	1,940	2,004	2,004
Hydro Conventional	10,083	10,041	10,122	10,144	10,141
Solar	402	404	416	450	475
Wind	2,255	2,312	2,368	2,650	2,812
Wood/Wood Waste	584	596	616	646	639
MSW/Landfill Gas	275	380	374	306	292
Other Biomass	145	102	109	96	97
<b>Total</b>	<b>15,776</b>	<b>15,774</b>	<b>15,945</b>	<b>16,295</b>	<b>16,460</b>

**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)****California**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	112,317	122,151	125,699	118,679	112,376
Coal	2,235	2,298	2,280	2,050	2,100
Petroleum	2,368	2,334	1,742	1,543	1,059
Natural Gas	105,691	115,700	119,992	113,463	107,522
Other Gases	2,022	1,818	1,685	1,623	1,695
Nuclear	31,959	35,792	32,482	31,764	32,201
Renewables	71,963	52,173	48,912	53,428	58,881
Pumped Storage	96	310	321	153	-171
Other	464	421	570	753	839
<b>Total</b>	<b>216,799</b>	<b>210,848</b>	<b>207,984</b>	<b>204,776</b>	<b>204,126</b>

**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)****California**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Geothermal	12,821	12,991	12,883	12,853	12,600
Hydro Conventional	48,047	27,328	24,128	27,888	33,431
Solar	495	557	670	647	769
Wind	4,883	5,585	5,385	5,840	6,079
Wood/Wood Waste	3,422	3,407	3,484	3,732	3,551
MSW Biogenic/Landfill Gas	1,685	1,657	1,717	1,842	1,812
Other Biomass	610	648	645	626	639
<b>Total</b>	<b>71,963</b>	<b>52,173</b>	<b>48,912</b>	<b>53,428</b>	<b>58,881</b>

**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.