

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

California

Energy Source	2003	2004	2005	2006	2007
Fossil	34,697	34,900	38,120	39,351	39,961
Coal	358	389	389	389	389
Petroleum	824	838	840	789	754
Natural Gas	33,290	33,438	36,700	38,001	38,556
Other Gases	225	235	191	171	262
Nuclear	4,324	4,324	4,324	4,390	4,390
Renewables	15,125	15,386	15,567	15,776	15,774
Pumped Storage	3,688	3,688	3,688	3,688	3,688
Other	17	8	8	8	-
Total	57,850	58,306	61,707	63,213	63,813

- = 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)

California

Energy Source	2003	2004	2005	2006	2007
Geothermal	1,896	1,956	2,046	2,032	1,940
Hydro Conventional	9,947	10,078	10,088	10,083	10,041
Solar	390	390	402	402	404
Wind	1,910	2,023	2,052	2,255	2,312
Wood/Wood Waste	613	591	577	584	596
MSW/Landfill Gas	260	255	258	275	380
Other Biomass	108	93	145	145	102
Total	15,125	15,386	15,567	15,776	15,774

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)**

California

Energy Source	2003	2004	2005	2006	2007
Fossil	97,910	106,789	100,313	112,317	122,151
Coal	2,326	2,238	2,135	2,235	2,298
Petroleum	2,392	2,263	2,544	2,368	2,334
Natural Gas	91,432	100,222	93,354	105,691	115,700
Other Gases	1,759	2,066	2,280	2,022	1,818
Nuclear	35,594	30,268	36,155	31,959	35,792
Renewables	59,916	58,112	63,286	71,963	52,173
Pumped Storage	-912	-817	120	96	310
Other	281	429	420	464	421
Total	192,789	194,780	200,293	216,799	210,848

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)**

California

Energy Source	2003	2004	2005	2006	2007
Geothermal	12,982	13,105	13,023	12,821	12,991
Hydro Conventional	36,371	34,141	39,632	48,047	27,328
Solar	534	571	537	495	557
Wind	3,895	4,306	4,262	4,883	5,585
Wood/Wood Waste	3,880	3,827	3,609	3,422	3,407
MSW Biogenic/Landfill Gas	1,544	1,565	1,594	1,685	1,657
Other Biomass	711	597	629	610	648
Total	59,916	58,112	63,286	71,963	52,173

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."