



2005 Gross System Electricity Production

California Gross System Power for 2005 In Gigawatt-Hours (GWh)

Fuel Type	In-State	NW Imports	SW Imports	GSP	GSP Percentage
Coal {2}	28,129	4,926	24,796	57,851	20.1%
Large Hydro	34,500	12,883	1,701	49,084	17.0%
Natural Gas	96,088	1,786	10,812	108,686	37.7%
Nuclear	36,155	691	4,861	41,707	14.5%
Renewables	30,916	-0-	-0-	30,916	10.7%
Biomass	6,045			6,045	2.1%
Geothermal	14,379			14,379	5.0%
Small Hydro	5,386			5,386	1.9%
Solar {1}	660			660	0.2%
Wind	4,446			4,446	1.5%
Other	-0-			-0-	0.0%
TOTAL	225,788	20,286	42,170	288,245	100.0%

Source:

Net System Power: A Small Share of California's Power Mix in 2005, Energy Commission Publication # CEC-300-2006-009-F. (Acrobat PDF, 10 pages, 230 kilobytes, date on line April 13, 2006)

Notes:

1. This number only includes generator-reported electricity, not electricity produced by many small-scale photovoltaic installations throughout the state. Based on the the Energy Commission's Renewable Energy Program records, the state has financed approximately 135,517 kilowatts (kW) of solar photovoltaic capacity. Assuming that each installed kW of PV-generated 1,500 kWh in 2005, then the combined output of these PV systems would add another 203.3 gigawatt-hours to the gross system power totals.
2. The in-state coal-fired generation includes electricity generated from several out-of-state coal-fired power plants that are owned by and reported by California utilities. There are other out-of-state generation facilities that are owned by California utilities, which are reported as imports. The reported California coal-fired generation includes:

In-state small coal plants	4,016 GWh
Mohave* (CAISO control area)	10,449 GWh
Intermountain (LADWP control area)	13,664 GWh
Total 2005 In-state Coal Generation	28,129 GWh

* This facility was closed in 2005 - it was partially owned by LADWP (10%) and SCE (55%)

Generally, to convert from gigawatt hours into megawatts, divide the number of gigawatts by 8,760 then multiply by 1,000 to get megawatts. This is "average" megawatts, as capacity of power plants varies depending on resource/fuel type and plant efficiency.

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