

Power Content Label

Electricity can be generated in a number of ways with different impacts on the environment. This power content label provides information about the sources of energy used by electric companies throughout the state of California.

Energy resources	Pacific Power retail sales*	2012 California power mix**
Eligible renewable	15.4%	15.4%
Biomass and waste	2.3%	2.3%
Geothermal	4.4%	4.4%
Small hydroelectric	1.5%	1.5%
Solar	0.9%	0.9%
Wind	6.3%	6.3%
Coal	7.5%	7.5%
Large hydroelectric	8.3%	8.3%
Natural gas	43.4%	43.4%
Nuclear	9.0%	9.0%
Oil	0.0%	0.0%
Other	0.0%	0.0%
Unspecified sources of power***	16.4%	16.4%
Total	100%	100%

* Pacific Power sells no resource specific products in California. Consequently, the Pacific Power mix and the California mix are the same.

** Percentages are estimated annually by the California Energy Commission based on the electricity sold to California consumers during the previous year.

*** "Unspecified sources of power" means electricity from transactions that are not traceable to specific generation sources.

continued

Fuel mix definitions

Biomass generation is from burning solid organic fuels from wood, forest or field residue, or dedicated energy crops.

Coal generation uses coal as the primary fuel source.

Geothermal generation comes from thermal energy naturally produced within the earth.

Hydroelectric generation is created when water flows from a higher elevation to a lower elevation, and the flow is converted to electricity.

Small hydroelectric generation is a single facility generating less than 30 megawatts of electricity.

Landfill gas uses waste gases from the decomposition of organic materials to produce electricity.

Natural gas generation uses natural gas as the primary fuel source.

Nuclear generation uses a controlled atomic chain reaction to produce heat. The heat is used to make steam that runs conventional turbine generators.

Petroleum generation burns oil as a primary fuel source.

Solar generation uses the heat from the sun.

Waste incineration burns solid or liquid wastes from businesses, households, municipalities or waste treatment operations.

Wind generation is created by movement of air.

For more information about the electricity generated for use in California, contact Pacific Power toll free at **1-888-221-7070**. For general information about this power content label, contact the California Energy Commission toll free at 1-800-555-7794 or energy.ca.gov/consumer.



Let's turn the answers on.