PaloAlto**Green** Renewable Power

Palo Alto customers who choose PaloAlto**Green** support 100% renewable energy because the City purchases renewable power certificates equivalent to 100% of their home's electric use.

PaloAlto**Green** is a voluntary program, and it costs slightly more (roughly $10 more per month) for the average Palo Alto home. PaloAlto**Green** costs more because it supports 100% renewable energy, which is more expensive than the current CPAU power supply.

All of PaloAlto**Green**'s 100% renewable energy is annually certified by Green-e which ensures the program meets the minimum environmental and consumer protection standards established by the Center for Resource Solutions. Currently, 2.5% of PaloAlto**Green**'s energy is backed by solar generation (California, mostly Palo Alto) and 97.5% is backed by wind generation (Washington and Wyoming).

For more information on Green-e Certified Energy, call 1-888-63-GREEN or visit **www.green-e.org**

PaloAlto**Green**

Green-e Energy CERTIFIED

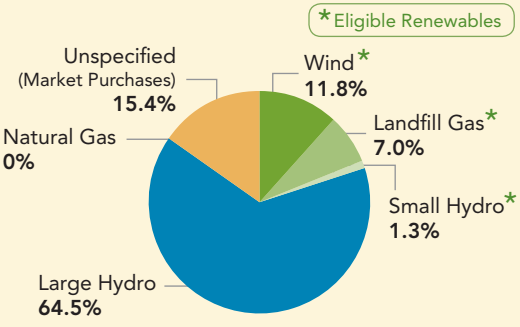
Palo Alto won the Department of Energy's 2012 Public Wind Power Award for its substantial use of renewable wind power.

Individuals with disabilities who require accommodations to access City facilities, services or programs, or who would like information on the City's compliance with the Americans with Disabilities Act (ADA) of 1990, may contact the City's ADA Coordinator at (650) 329-2550 (voice) or email ada@cityofpaloalto.org

6/12 Printed on 100% post-consumer recycled paper, bleached without chlorine.

POWER CONTENT LABEL

As the law requires, the City of Palo Alto periodically informs their customers of the source of power they are being sold. Information is provided in the form of a Power Content Label, which is very much like a nutrition label and helps consumers make informed decisions when selecting an energy service provider or energy product.



Power Sources

In 2011, with heavy rainfall boosting hydroelectric generation, 85% of the CPAU's power came from carbon-free sources. CPAU power sources include the High Winds and Shiloh wind projects, California landfill gas-fired projects in Watsonville, Half Moon Bay and Pittsburg, the Calaveras hydroelectric project, the Western Area Power Administration (Western) contract, and short-term contracts from the wholesale market. Western power comes from California Central Valley Project hydroelectric facilities. Percentages vary annually based on the available output from our contracted hydro, wind and landfill gas generators.

POWER CONTENT LABEL—FINAL 2011

ENERGY RESOURCES	PALOALTO**GREEN**[a][b] (actual)	2011 CPAU POWER MIX[c] (actual)	2010 CA POWER MIX[d] (for comparison)
Eligible Renewables	100%	20.1%	14%
-Biomass & Waste	0%	7.0%	2%
-Geothermal	0%	0%	5%
-Hydroelectric (eligible)	0%	1.3%	2%
-Solar	2.5%	0%	<1%
-Wind	97.5%	11.8%	5%
Coal	0%	0%	8%
Large Hydroelectric	0%	64.5%	11%
Natural Gas	0%	0%	42%
Nuclear	0%	0%	14%
Unspecified[e]	0%	15.4%	12%
TOTAL	100%	100%	100%

(a) PaloAlto**Green** is purchased from solar facilities located in California and wind facilities located in Washington and Wyoming. PaloAlto**Green** comprises 7.7% of total use, in addition to CPAU's Eligible Renewable content of 20.1%.

(b) PaloAlto**Green** is purchased for Residential and Small Commercial customers based on total consumption, and for Large Commercial and Institutional customers based on subscriptions for monthly 1,000 kWh "blocks." Purchasers of PaloAlto**Green** blocks should calculate their resulting resource mix based on the number of blocks purchased using the PaloAlto**Green** percentages and their remaining electricity usage using the CPAU Power percentages.

(c) CPAU Power is the default power mix for CPAU customers. In 2011, 84.6% of CPAU power was purchased from carbon neutral sources such as hydropower and eligible renewables.

CPAU 2011 power mix avg. carbon content was 0.135 lbs per kWh.

(d) CA Power Mix percentages are estimated annually by the California Energy Commission based on the electricity sold to California consumers during the previous year. In 2011, 15.4% of CPAU Power was short-term, general market purchases, referred to as "unspecified" sources.

(e) Unspecified sources of power refers to electricity from transactions that can't be traced to specific generation sources.

All percentages are rounded so the numbers may surpass 100% when added together.

For specific information about CPAU power content, visit **www.cityofpaloalto.org/utilities** or call City of Palo Alto Utilities at (650) 329-2161. For general information about the Power Content Label, contact the California Energy Commission at 1-800-555-7794 or **www.energy.ca.gov/sb1305**