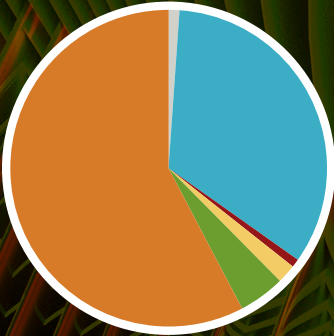


# WHERE DOES OUR ELECTRICITY COME FROM?



- **LARGE HYDROELECTRIC—58.6%**
- **BIOMASS AND BIOWASTE—1.1%**
- **SOLAR—33.7%**
- **WIND—0.3%**
- **SMALL HYDROELECTRIC—1.6%**
- **UNSPECIFIED POWER—4.7%**

Like a nutrition facts label that shows the ingredients in food, the Power Content Label shows the sources of electricity purchased by City of Palo Alto Utilities to power local homes and businesses.

**POWER SOURCES IN 2023** CPAU power sources include: six solar PV projects, one wind project, five landfill gas-fired projects, the Calaveras hydroelectric project, and the Western Area Power Administration contract, which is sourced from Central Valley Project hydroelectric facilities. All of these resources are located in California. Power supply percentages vary annually based on the available output from our contracted generators. In 2023, CPAU’s hydroelectric generation was significantly higher than long-term average levels due to favorable weather conditions, so CPAU had a large surplus of renewable generation that it was able to sell to other utilities, which helped lower CPAU’s rates.

**100% CARBON NEUTRAL ELECTRICITY SINCE 2013** Carbon neutral electricity comes from a variety of sources, including renewable resources like solar, wind and small hydroelectric plants. Large hydroelectric sources are also carbon-free, but the state of California doesn’t consider them renewable.



## PaloAltoGreen’s<sup>a</sup> Prospective Product Content Label<sup>b</sup> for 2023 Consists of 100% Wind Energy<sup>c</sup>

- <sup>a</sup> PaloAltoGreen is a voluntary renewable energy program from City of Palo Alto Utilities that matches up to 100% of your estimated monthly electricity usage with Green-e<sup>®</sup> certified Renewable Energy Credits (RECs) from new renewable energy resources, specifically from generation facilities that first began commercial operation in the last 15 years.
- <sup>b</sup> Prospective Product Content Label: These figures reflect the renewables that we have contracted to provide. Actual figures may vary according to resource availability. We will annually report to you before October 1st of next year in the form of a Historical Product Content Label the actual resource mix of the electricity you purchased.
- <sup>c</sup> Sourced from wind energy RECs located in the western U.S. (CA, OR, WA, ID, NV, UT, AZ, MT, WY, CO, or NM) or Canada (BC or AB).

PaloAltoGreen™



PaloAltoGreen is Green-e<sup>®</sup> Energy certified and meets the environmental and consumer-protection standards set forth by the nonprofit Center for Resource Solutions.

For more information on Green-e<sup>®</sup> Certified Energy, call 1-888-63-GREEN or visit [green-e.org](http://green-e.org)

PaloAltoGreen 2023 Historical Product Content Label (reflected in the “Palo Alto Green” column of the table on page 2): These figures reflect the power delivered to PaloAltoGreen’s customers in 2023. ‘Unspecified Power’ was sourced from wind energy facilities in Colorado.

Find more details at [cityofpaloalto.org/PowerContentLabel](http://cityofpaloalto.org/PowerContentLabel) and [cityofpaloalto.org/CarbonNeutral](http://cityofpaloalto.org/CarbonNeutral)



CITY OF  
**PALO ALTO**  
UTILITIES

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12/24 ♻️ Printed on 100% post-consumer recycled paper, bleached without chlorine.

## 2023 POWER CONTENT LABEL

City of Palo Alto Utilities

[cityofpaloalto.org/PowerContentLabel](https://www.cityofpaloalto.org/PowerContentLabel)

### Greenhouse Gas Emissions Intensity (lbs CO<sub>2</sub>e/MWh)

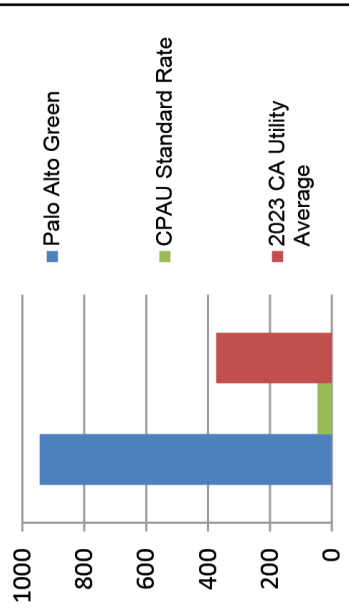
### Energy Resources

Palo Alto  
Green

CPAU  
Standard  
Rate

2023 CA  
Power Mix

Palo Alto Green	CPAU Standard Rate	2023 CA Utility Average	Eligible Renewable <sup>1</sup>	CPAU Standard Rate	2023 CA Power Mix
<b>944</b>	<b>46</b>	<b>373</b>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Eligible Renewable<sup>1</sup></b></p> <p>Biomass &amp; Biowaste</p> <p>Geothermal</p> <p>Eligible Hydroelectric</p> <p>Solar</p> <p>Wind</p> </div> <div style="text-align: center;"> <p><b>Coal</b></p> <p><b>Large Hydroelectric</b></p> <p><b>Natural Gas</b></p> <p><b>Nuclear</b></p> <p><b>Other</b></p> <p><b>Unspecified Power<sup>2</sup></b></p> <p><b>TOTAL</b></p> </div> </div>	<b>0.0%</b>	<b>36.7%</b>
				0.0%	1.1%
				0.0%	0.0%
				0.0%	1.6%
				0.0%	33.7%
				0.0%	0.3%
				<b>0.0%</b>	<b>0.0%</b>
				<b>0.0%</b>	<b>58.6%</b>
				<b>0.0%</b>	<b>0.0%</b>
				<b>0.0%</b>	<b>0.0%</b>
			<b>100.0%</b>	<b>4.7%</b>	
			<b>100.0%</b>	<b>100.0%</b>	



### Percentage of Retail Sales Covered by Retired Unbundled RECs<sup>3</sup>:

<b>99%</b>	<b>19%</b>
<b>100.0%</b>	<b>100.0%</b>

<sup>1</sup>The eligible renewable percentage above does not reflect RPS compliance, which is determined using a different methodology.  
<sup>2</sup>Unspecified power is electricity that has been purchased through open market transactions and is not traceable to a specific generation source.

<sup>3</sup>Renewable energy credits (RECs) are tracking instruments issued for renewable generation. Unbundled renewable energy credits (RECs) represent renewable generation that was not delivered to serve retail sales. Unbundled RECs are not reflected in the power mix or GHG emissions intensities above.

For specific information about this electricity portfolio, contact:

**City of Palo Alto Utilities**  
**(650) 329-2161**

For general information about the Power Content Label, visit: <https://www.energy.ca.gov/programs-and-topics/programs/power-source-disclosure-program>