

This is Orange County Power Authority's (OCPA) first Power Content Label (PCL), as the PCL reports on the year prior, and OCPA launched service in 2022. **OCPA's first PCL demonstrates that OCPA is amongst the greenest/cleanest Community Choice Aggregators in California.** OCPA exceeded the mandatory state requirements for the purchase of renewable energy and also exceeded its voluntary renewable energy goals for each retail service offering during the first year.

Under the California Energy Commission Power Source Disclosure Program, retail suppliers – including OCPA – are required to annually disclose to their retail consumers the mix of sources used to provide electricity service during the previous calendar year. The information reported in the PCL is reviewed by the California Energy Commission and must be presented accordingly to highly prescriptive regulations related to California's Power Source Disclosure Program.

2022 POWER CONTENT LABEL					Orange County Power Authority				
https://www.ocpower.org/resources/key-documents/									
Greenhouse Gas Emissions Intensity (lbs CO ₂ e/MWh)				Energy Resources	2022 OCPA Basic Choice Power Mix	2022 OCPA Smart Choice Power Mix	2022 OCPA 100% Renewable Choice Power Mix	2022 CA Power Mix	
2022 OCPA Basic Choice Power Mix	2022 OCPA Smart Choice Power Mix	2022 OCPA 100% Renewable Choice Power Mix	2022 CA Utility Average	Eligible Renewable ¹	62.3%	100.0%	100.0%	35.8%	
503	150	0	422	Biomass & Biowaste	19.5%	1.5%	0.0%	2.1%	
				Geothermal	0.0%	79.9%	0.0%	4.7%	
				Eligible Hydroelectric	0.0%	0.0%	6.7%	1.1%	
				Solar	0.0%	12.1%	71.5%	17.0%	
				Wind	42.8%	6.4%	21.8%	10.8%	
				Coal	0.0%	0.0%	0.0%	2.1%	
				Large Hydroelectric	12.4%	0.0%	0.0%	9.2%	
				Natural Gas	0.0%	0.0%	0.0%	36.4%	
				Nuclear	25.3%	0.0%	0.0%	9.2%	
				Other	0.0%	0.0%	0.0%	0.1%	
				Unspecified Power ²	0.0%	0.0%	0.0%	7.1%	
				TOTAL	100.0%	100.0%	100.0%	100.0%	
Percentage of Retail Sales Covered by Retired Unbundled RECs³:					0%	0%	0%		
¹ The eligible renewable percentage above does not reflect RPS compliance, which is determined using a different methodology. ² Unspecified power is electricity that has been purchased through open market transactions and is not traceable to a specific generation source. ³ 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:					Orange County Power Authority 1 (866) 262-7693				
For general information about the Power Content Label, visit:					https://www.energy.ca.gov/programs-and-topics/programs/power-source-disclosure-program				



For the purpose of comparison, OCPA's overall portfolio reports a Greenhouse Gas Emissions Intensity of 83.45 lbs CO₂e/MWh and SCE reported Greenhouse Gas Emissions Intensity of 552 lbs CO₂e/MWh in its 2022 PCL. Even OCPA's Basic Choice plan (503 lbs CO₂e/MWh) has a 9.7% lower emission rate than SCE.

TYPES OF RENEWABLE ENERGY PURCHASED BY OCPA

SOLAR uses technology to convert sunlight into electrical energy either through photovoltaic (PV) panels or through mirrors that concentrate solar radiation.


WIND turbines turn wind into electricity using the aerodynamic force from the rotor blades, which work like an airplane wing or helicopter rotor blades.

BIOMASS is matter from living or recently living organisms. Some examples are wood, crop residue, landfill gas and municipal waste.

ELIGIBLE SMALL HYDROPOWER relies on the endless, constantly recharging system of the water cycle to produce electricity.

GEOTHERMAL energy is heat energy from the earth – reservoirs of hot water that exist or are human made at varying temperatures and depths below the Earth's surface.

**Thank you for the privilege of being
your renewable energy provider.**



THANK YOU FOR REDUCING YOUR CARBON FOOTPRINT.

With Orange County Power Authority (OCPA) as your electricity provider, you are reducing your carbon footprint and helping to make a measurable impact on climate change. We are pleased to share our first annual Power Content Label (PCL), listed on the back side of this mailer, which demonstrates the renewable energy purchased on behalf of our customers and the reduction in greenhouse gas emissions.

As we celebrate the first anniversary of residential service – we are grateful to you for choosing renewable energy through OCPA and a healthier, more resilient future. You are a climate hero.

If you previously opted-out and would like to re-enroll in OCPA, give us a call at **(866) 262-7693** or email us at **answers@ocpower.org** and we'll walk you through it.

We have accomplished a lot during our first year of service:

200K+

residential customers
served

188,883

customers choosing
100% renewable energy –
zero carbon plan

31K+

commercial customers
served

90 MW

solar production power
purchase agreement with
Grace Orchard Energy
Center, LLC. Grace
Orchard Energy Center
is developing a solar-plus-
battery-storage project in
Riverside County that will
produce enough to power
40,000 homes, and up to
30 MW of battery storage
capacity with fixed energy
prices over a 20-year term

5

types of renewable
energy purchased –
biomass, eligible small
hydro, geothermal, solar
and wind

4

member communities
served – Buena Park,
Fullerton, Huntington
Beach and Irvine

3

energy plans that allow
customers to choose how
much renewable energy
they want OCPA to
purchase on their behalf

2% less

Basic Choice plan (38%
renewable energy) costs
less than SCE's equivalent
generation rate

**To sign up for OCPA's
newsletter,
scan the QR code.**

