

2024 POWER SOURCE DISCLOSURE REPORTS, POWER CONTENT LABEL AND INDEPENDENT ACCOUNTANT'S REPORTS FOR THE CALIFORNIA ENERGY COMMISSION

Riverside Public Utilities

Board of Public Utilities

November 17, 2025

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BACKGROUND

RPU is required to disclose to customers and the California Energy Commission (CEC) information on its power resources and the associated greenhouse gas emissions per SB 1305 (1997), AB 162 (2009) and AB 1110 (2016)

- a. Power Source Disclosure (PSD) Report:** Detailed annual report submitted to the CEC by June 1st
- b. Power Content Label (PCL):** Simplified annual report prepared by the CEC by October 1st and distributed to customers via utility bills and posted on the RPU website



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BACKGROUND

Approval and attestation to the accuracy of the PSD and PCL

1. Initially, public agencies with more than one electricity product were required to have approval and attestation by the POU governing body.
 - a. In 2008, the City Council delegated the approval and attestation authority for future annual reports to the Board of Public Utilities
2. AB 1110 modified the approval and attestation requirement to be completed by either the governing body or through an external auditor that performs an audit and verification of the accuracy of the reports
 - a. Beginning in 2023, RPU staff opted to use an independent auditor to verify the accuracy and completeness of data reported in the annual reports submitted to the CEC



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RPU 2024 POWER SOURCE DISCLOSURE GENERAL POWER MIX

	Adjusted Net Procured (MWh)	Percent of Total Retail Sales
Renewable Procurements	823,689	39%
Biomass & Biogas	-	0%
Geothermal	573,883	27%
Eligible Hydroelectric	-	0%
Solar	228,007	11%
Wind	21,799	1%
Large Hydroelectric	25,226	1%
Nuclear	103,490	5%
Emerging Technologies	-	0%
Other	-	0%
Natural Gas	83,103	4%
Coal & Petroleum	418,529	20%
Unspecified Power	655,638	31%
Total	2,109,675	100%
Total Retail Sales (MWh)		2,109,675
PCL GHG Intensity (lbs CO2e/MWh)		763
Unbundled REC %		0%



Riverside served 39.0% of its Retail Load using renewables in 2024.

Note: In early 2024, two units in the CalEnergy Geothermal Portfolio suffered mechanical issues and were taken offline for most of the year for repairs. This caused Riverside to receive materially fewer MWhs from this resource than expected, resulting in a lower RPS %. However, having exceeded the RPS targets in prior years, Riverside has enough RPS excess procurement to make up for the loss and meet RPS compliance.

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RPU 2024 POWER SOURCE DISCLOSURE 100% RENEWABLE ENERGY TARIFF MIX

	Adjusted Net Procured (MWh)	Percent of Total Retail Sales
Renewable Procurements	9,094	100%
Biomass & Biogas	-	0%
Geothermal	4,548	50%
Eligible Hydroelectric	-	0%
Solar	2,728	30%
Wind	1,818	20%
Large Hydroelectric	-	0%
Nuclear	-	0%
Emerging Technologies	-	0%
Other	-	0%
Natural Gas	-	0%
Coal & Petroleum	-	0%
Unspecified Power	-	0%
Total	9,094	100%
Total Retail Sales (MWh)		9,094
PCL GHG Intensity (lbs CO2e/MWh)		-
Unbundled REC %		0%



Riverside offers a 100% Renewable Energy Tariff option to residential and commercial customers and sold 9,094 MWh under this program in 2024.



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RPU 2024 POWER CONTENT LABEL

2024 POWER CONTENT LABEL City of Riverside, Riverside Public Utilities			
	RPU General Power Mix	RPU 100% Renewable Energy Mix	CA Utility Average
Greenhouse Gas Emissions Intensity (lbs of CO ₂ e emitted per megawatt hour)	763	0	359
Electricity Sources			
■ Renewables and Zero-Carbon Resources			
■ Fossil Fuels and Unspecified Power			
RPS Eligible Renewables	39%	100%	45%
Biomass & Biogas	0%	0%	2%
Geothermal	27%	50%	5%
Eligible Hydroelectric	0%	0%	2%
Solar	11%	30%	23%
Wind	1%	20%	14%
Large Hydroelectric	1%	0%	10%
Nuclear	5%	0%	11%
Emerging Technologies	0%	0%	0%
Other	0%	0%	0%
Natural Gas	4%	0%	10%
Coal & Petroleum	20%	0%	2%
Unspecified Power (primarily fossil fuels)	31%	0%	22%
Total	100%	100%	100%
Retail sales covered by retired unbundled RECs	0%	0%	
■ This label does not reflect compliance with the Renewables Portfolio Standard (RPS), which measures the use of tracking instruments called Renewable Energy Credits (RECs) over the course of multi-year compliance periods. RECs that are purchased separately from the renewable energy ("Unbundled RECs") can be used for RPS compliance, but they do not factor into the power mixes or GHG emissions intensities above. ■ GHG intensity figures exclude biogenic CO₂ and emissions from geothermal sources and grandfathered imports of firm-and-shaped energy. For detailed information about all GHG emissions from California's retail electricity suppliers, visit the CEC webpage at the link below. ■ Unspecified power is electricity purchased from a genericized pool on the open market.			
Want to learn more? Visit https://www.energy.ca.gov/programs-and-topics/programs/power-source-disclosure-program			
www.RiversidePublicUtilities.com/PowerResources			



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INDEPENDENT ACCOUNTANT'S REPORTS

1. Independent Accountant Audits performed

- a. PSD Audit of the General Power Mix and 100% Renewable Energy Tariff Mix

2. Audit Results

- a. All procedures conducted in accordance with the Power Source Disclosure regulations
- b. No audit exceptions were identified

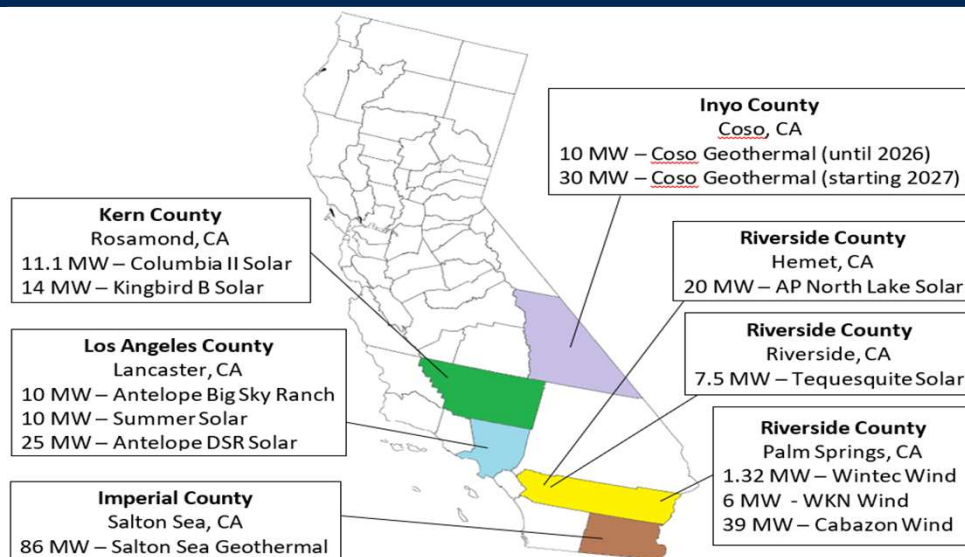


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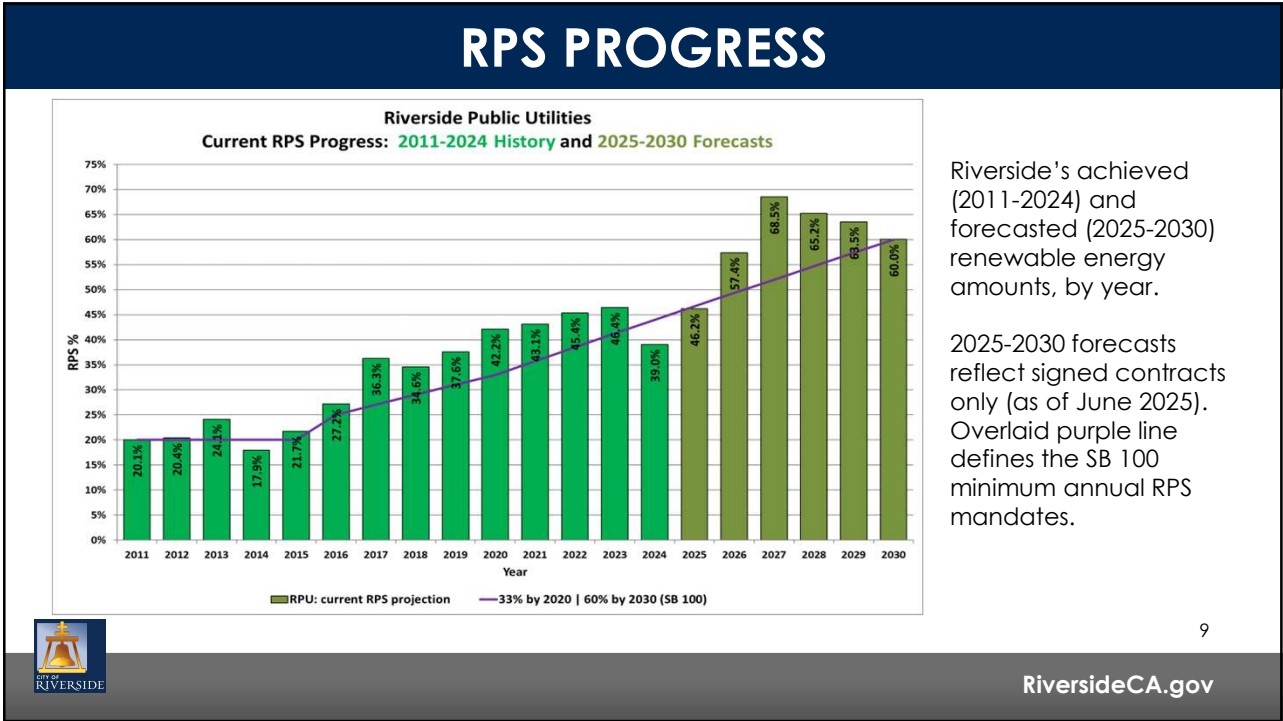
RENEWABLE RESOURCES MAP



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RECOMMENDATION

That the Board of Public Utilities receive and file the update of the 2024 Power Source Disclosure Report, 2024 Power Content Label, Independent Accountant's Report and RPU CEC-RPS Annual Compliance Report submitted to the California Energy Commission.

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