

2020 POWER SOURCE DISCLOSURE REPORTS AND POWER CONTENT LABEL FOR THE CALIFORNIA ENERGY COMMISSION

Riverside Public Utilities

Board of Public Utilities
September 27, 2021

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BACKGROUND

1. SB 1305 (1997) and AB 162 (2009) require retail electricity suppliers to disclose information on energy resources to consumers.
2. A Power Source Disclosure (PSD) Report is filed annually by June 1st to the California Energy Commission (CEC).
3. A Power Content Label (PCL) is filed annually by October 1st to the CEC and distributed to customers via utility bills.

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BACKGROUND

4. Publicly Owned Utilities are required to have these disclosures approved and attested by their governing board.
5. At the City Council meeting on June 17, 2008, the City Council delegated the approval and attestation authority for future annual reports to the Board of Public Utilities. Since that time, the Board has been responsible for reviewing and attesting to the PSD report.

BACKGROUND

6. In December 2019, the CEC adopted updated regulations incorporating AB 1110 to include associated greenhouse gas emissions for CY 2020 reporting.

RPU 2020 POWER SOURCE DISCLOSURE GENERAL POWER MIX

	Adjusted Net Procured (MWh)	Percent of Total Retail Sales
Renewable Procurements	891,832	42.2%
Biomass & Biowaste	4	0.0%
Geothermal	593,918	28.1%
Eligible Hydroelectric	-	0.0%
Solar	246,380	11.6%
Wind	51,530	2.4%
Coal	523,119	24.7%
Large Hydroelectric	28,763	1.4%
Natural gas	105,146	5.0%
Nuclear	100,522	4.8%
Other	-	0.0%
Unspecified Power	466,348	22.0%
Total	2,115,730	100.0%

Total Retail Sales (MWh)	2,115,730
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GHG Emissions Intensity (converted to lbs CO₂e/MWh)	804
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Percentage of Retail Sales Covered by Retired Unbundled RECs	0.0%
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Riverside reached 42.2% renewables in 2020 – exceeding the 33% by 2020 RPS mandate.

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RPU 2020 POWER SOURCE DISCLOSURE 100% RENEWABLE ENERGY TARIFF MIX

	Adjusted Net Procured (MWh)	Percent of Total Retail Sales
Renewable Procurements	178	100.0%
Biomass & Biowaste	-	0.0%
Geothermal	89	50.0%
Eligible Hydroelectric	-	0.0%
Solar	54	30.3%
Wind	35	19.7%
Coal	-	0.0%
Large Hydroelectric	-	0.0%
Natural gas	-	0.0%
Nuclear	-	0.0%
Other	-	0.0%
Unspecified Power	-	0.0%
Total	178	100.0%

Total Retail Sales (MWh)	178
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GHG Emissions Intensity (converted to lbs CO₂e/MWh)	23
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Percentage of Retail Sales Covered by Retired Unbundled RECs	0.0%
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Riverside offers a 100% Renewable Energy Tariff option to residential and commercial customers and sold 178 MWh under this program in 2020.

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RPU 2020 POWER CONTENT LABEL

2020 POWER CONTENT LABEL				
City of Riverside, Riverside Public Utilities				
https://www.riversideca.gov/utilities/about-rpu/rpu-power-resources.asp				
Greenhouse Gas Emissions Intensity (lbs CO ₂ e/MWh)			Energy Resources	
RPU General Power Mix	RPU 100% Renewable Energy Mix	2020 CA Utility Average		
804	23	466		
			Eligible Renewable ¹	
			Biomass & Biowaste	0.0%
			Geothermal	28.1%
			Eligible Hydroelectric	0.0%
			Solar	11.6%
			Wind	2.4%
			Coal	24.7%
			Large Hydroelectric	1.4%
			Natural Gas	5.0%
			Nuclear	4.8%
			Other	0.0%
			Unspecified Power ²	22.0%
			TOTAL	100.0%
Percentage of Retail Sales Covered by Retired Unbundled RECs ³ :			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:			City of Riverside, Riverside Public Utilities 951-782-0330	
For general information about the Power Content Label, visit:			http://www.energy.ca.gov/pcl/	
For additional questions, please contact the California Energy Commission at:			Toll-free in California: 844-454-2906 Outside California: 916-653-0237	

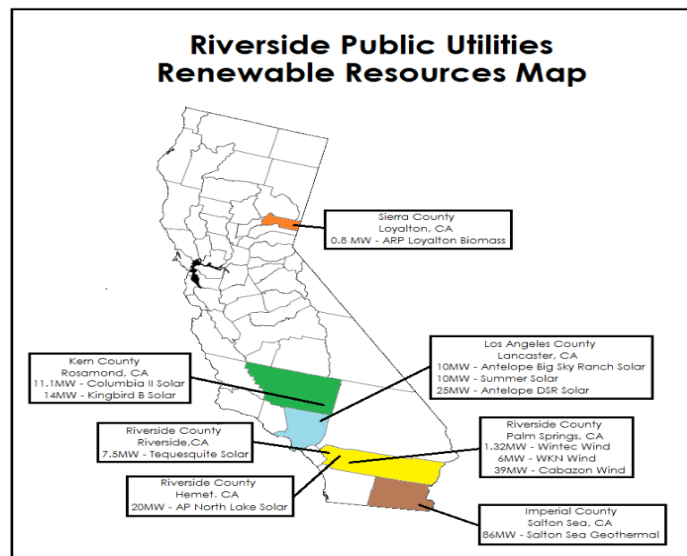
New Power Content Label:
shows the greenhouse gas emissions intensity level of each portfolio compared to the statewide average intensity level.

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RENEWABLE RESOURCES MAP

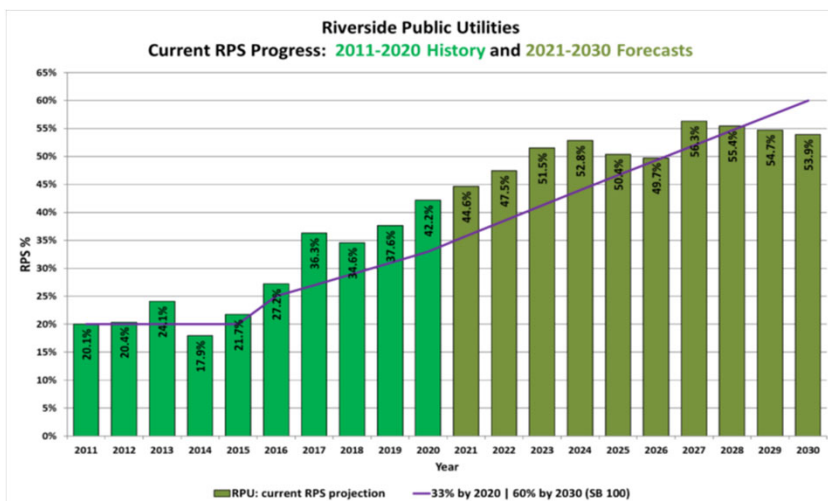


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RPS PROGRESS



Riverside's achieved (2011-2020) and forecasted (2021-2030) renewable energy amounts, by year.

Overlaid purple line defines the SB 100 minimum annual RPS mandates.

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STRATEGIC PLAN ALIGNMENT

The Power Source Disclosure reports and Power Content Label contribute to Strategic Priority No. 4 Environmental Stewardship, specifically Goal No. 4.1 and addresses all cross-cutting threads:

- Community Trust
- Equity
- Fiscal Responsibility
- Innovation
- Sustainability & Resiliency

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RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve the 2020 Power Source Disclosure Reports;
2. Attest as to the veracity of the 2020 Power Source Disclosure Reports;
3. Approve the 2020 Power Content Label;
4. Attest as to the veracity of the 2020 Power Content Label; and
5. Authorize the City Manager, or designee, to execute and submit the attestations of the 2020 Power Source Disclosure Reports and Power Content Label to the California Energy Commission.