



**2024 POWER CONTENT LABEL**

**KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT**

**KMPUD CA Utility Average**

<b>Greenhouse Gas Emissions Intensity</b> (lbs of CO <sub>2</sub> e emitted per megawatt hour)	<b>955</b>	<b>359</b>
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<b>Electricity Sources</b> ■ Renewables and Zero-Carbon Resources ■ Fossil Fuels and Unspecified Power		
<b>RPS Eligible Renewables</b>	<b>0%</b>	<b>45%</b>
Biomass & Biogas	0%	2%
Geothermal	0%	5%
Eligible Hydroelectric	0%	2%
Solar	0%	23%
Wind	0%	14%
<b>Large Hydroelectric</b>	<b>0%</b>	<b>10%</b>
<b>Nuclear</b>	<b>0%</b>	<b>11%</b>
<b>Emerging Technologies</b>	<b>0%</b>	<b>0%</b>
<b>Other</b>	<b>0%</b>	<b>0%</b>
<b>Natural Gas</b>	<b>0%</b>	<b>10%</b>
<b>Coal &amp; Petroleum</b>	<b>1%</b>	<b>2%</b>
<b>Unspecified Power (primarily fossil fuels)</b>	<b>99%</b>	<b>22%</b>
<b>Total</b>	<b>100%</b>	<b>100%</b>

Retail sales covered by retired unbundled RECs 113%

- 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 CO<sub>2</sub> and emissions from geothermal sources and grandfathered imports of firmed-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.

<a href="http://kmpud.com">kmpud.com</a>	<p><b>Want to learn more? Visit</b>  <a href="https://www.energy.ca.gov/programs-and-topics/programs/power-source-disclosure-program">https://www.energy.ca.gov/programs-and-topics/programs/power-source-disclosure-program</a></p>
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# STAFF REPORT

## POWER SOURCE DISCLOSURE

**Requested Action:**

That the Board review and approve the 2024 Power Source Disclosure Report and the 2024 Power Content Label and recommend distribution of these documents.

**Background:**

As part of the California Energy Commission's Power Source Disclosure Program, the District is required to file an annual Power Source Disclosure Report with the state and publish a Power Content Label which is distributed to ratepayers.

**Frequently Asked Questions:**

Q. Doesn't KMPUD provide 100% renewable electricity?

A. Yes. The District purchases unbundled Renewable Energy Certificates (RECs) to comply with the California Renewables Portfolio Standard (RPS) and, starting in August 2021, to offset 100% of electricity sales as directed in the 2021 Electric Rate Study. RECs are purchased through multiple contracts with Shell Energy and are delivered according to the terms of those contracts. Typically, RECs are delivered in the calendar year following the retail sale of the associated electricity.

Q. What is an unbundled REC, and why do we use those?

A. A REC is issued when one megawatt-hour (MWh) of electricity is generated and delivered to the electric grid from a renewable energy resource. An unbundled REC is the "green attribute" separated from the physical electricity. Since KMPUD loads are so small, it is currently more economical to purchase power and RECs separately, rather than contract with a renewable provider to purchase bundled renewable electricity.

Q. Why don't I see anything under Renewable Procurements on the Power Content Label?

A. The District's physical electricity comes from two sources: generation from the Powerhouse, which is classified as "other" and general purchases off the grid which are classified as "unspecified sources of power." REC purchases are shown on Schedule 2, Retired Unbundled RECs and in the bottom box on the Power Content Label.

Q. These forms are confusing; can we make them easier to read?

A. The California Energy Commission provides these forms to all retail electric providers annually, and the District is required to submit and publish them as-is to comply with the California Renewables Portfolio Standard and the Power Source Disclosure Program.

**Prepared By:**

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