

# Kirkwood Meadows Public Utility District

## Planning Committee

### REGULAR MEETING AGENDA

NOTICE IS HEREBY GIVEN that the Planning Committee of the Kirkwood Meadows Public Utility District has called a Regular Meeting of the Committee to be held on **Wednesday, December 20, 2023 at 3:00 PM** video/teleconference on Zoom at: <https://us02web.zoom.us/j/83319776349>

#### HOW TO PARTICIPATE / OBSERVE THE MEETING:

**Telephone:** Call Zoom at (669) 900-6833 and enter Meeting ID# **833 1977 6349** followed by the pound (#) key.

**Computer:** Follow this link to join the meeting automatically:  
<https://us02web.zoom.us/j/83319776349>

**Mobile:** Open the Zoom mobile app on a smartphone and enter Meeting ID# **833 1977 6349**

#### ACCESSIBILITY INFORMATION:

Committee meetings are accessible to people with disabilities and others who need assistance. Individuals who need special assistance or a disability-related modification or accommodation (including auxiliary aids or services) to observe and/or participate in this meeting and access meeting-related materials should contact the District, at least 48-hours before the meeting at (209) 258-4444. Advanced notification will enable the District to swiftly resolve such requests and ensure accessibility.

The Agenda for this Regular Meeting is:

- 1) **Planning Committee Charter.** Discussion & possible action.
- 2) **Planning Committee Date/Time.** Discussion & possible action.
- 3) **Draft Letter Large Propane Customers Regarding Fuel Switching.** Discussion & possible action.
- 4) **Electric Efficiency Rebates.** Discussion & possible action.
- 5) **Future Topics.**
  - a) **Low Income Electric Rate Program.**
- 6) Next Meeting/Staff Recommendation: *Wednesday, January 17, 2024 - 3:00pm.*

The Kirkwood Meadows Public Utility District is an equal opportunity provider and employer.

In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact the District at (209) 258-4444, by email to [info@kmpud.com](mailto:info@kmpud.com). Requests must be made as early as possible, and at least two business days before the meeting.

**Kirkwood Meadows Public Utilities District  
BOARD OF DIRECTORS**

**PLANNING COMMITTEE  
CHARTER**

**PURPOSE:** The Planning Committee is established as a standing committee of the Board of Directors whose primary duties are to oversee short and long-term strategic planning needs of the District. The Committee identifies future milestones, issues, opportunities, requirements for which advance planning may be beneficial to the District and makes recommendation to the Board to initiate such planning. The Committee shall review and recommend planning policies and practices consistent with current “best practices” for districts of similar size and complexity.

**MEMBERSHIP:** The Planning Committee shall consist of up to seven members consisting of two Directors and up to five Community members.

Subject to Board authorization, the Committee may include ex-officio advisors and experts it deems appropriate to the assigned planning task.

The Committee may establish such subcommittees as it believes are necessary to fulfill its purpose.

**MEMBERSHIP TERM:** The term for each of the two Board members shall be two years. The term for each of the Community members shall be two years, and the Board may reappoint Community members at the end of their terms based on interest and participation, and whether other qualified candidates have declared an interest to serve.

**COMMITTEE CHAIR:** The Board President shall select a Board member to serve as Committee Chair. The Chair, or their designee, shall lead the Committee meetings and shall be the authorized liaison for requests and communications between the Committee and the Board and management.

**MEETINGS:** Meetings of the Planning Committee are subject to the *Brown Act* meeting and notice requirements. Subject to compliance with noticing requirements, the Committee shall meet as often as the Chair of the Committee deems necessary or desirable, but in no case shall it meet less frequent than quarterly.

**COMMITTEE RESPONSIBILITIES:** The Committee shall work closely with the Board, General Manager, and other Board appointed standing committees to identify potential short and long-term planning needs. The Committee’s primary responsibilities are as follows:

- Research and assess District services and alternative means, business models and technologies for providing District services.
- Research opportunities for new sources of revenues for the District.
- Assist the General Manager in researching, assessing and implementing the public processes required to obtain the necessary customer approvals for raising revenues and taking other actions necessary to achieve the District’s goals.

- Review land use matters as they pertain to the District.
- Conduct an annual self-evaluation of the performance of the Planning Committee and the effectiveness and compliance with this Charter.

DRAFT LETTER

Dear [CUSTOMER],

A strategic goal of Kirkwood Meadows Public Utility District (“KMPUD”) is to supply reliable power to meet the energy needs of our customers while minimizing the impact on our environment. Our drive to increase the use of electricity in lieu of propane in Kirkwood is a crucial path towards this goal.

Currently, you utilize XX% of the total propane provided by KMPUD, so as one of our largest customers of propane, the KMPUD Planning Committee is reaching out for your assistance. We would like to meet with you to begin a conversation about your current propane usage, any plans you have for replacement of equipment, and your interest or plans for fuel switching. We would also like your permission to share your propane usage information with the KMPUD Planning Committee ahead of any meeting on this topic.

A meeting on this topic would help shape KMPUD’s next steps and future course of action. The Committee strongly believes that converting a portion, if not all, of your propane usage to electricity would result in significant benefits from a cost, environmental and reliability standpoint. We welcome an opportunity to discuss this with you in more detail. We are excited by the prospect of making this a win-win for you, KMPUD, and our community. You can reply to the KMPUD General Manager, Erik Christeson at 209-258-4444 or [echristeson@kmpud.com](mailto:echristeson@kmpud.com). We look forward to hearing from you soon.

Regards,

Chris Tucher, Chair  
KMPUD Planning Committee

## Energy Efficiency Rebates

**Background:**

The Planning Committee has been discussing the use of the Public Benefits Charge (“PBC”) funds for many months, including consideration of the customer survey results.

As referenced in the 2021 Electric Rate Study, the Board implemented a PBC to “be collected from all customers and should be collected on the basis of either energy sales or energy demand, or a combination of the two. Net energy metering customers are only assessed the PBC on their net consumption. For purposes of this Study, the 2.85% PBC is included in all proposed Usage Rates.”

This Rate Study went into effect August 1, 2021. Energy sales are as follows:

	2021/22	2.85% PBC	2022/23	2.85% PBC
Commercial Usage Revenue	\$ 888,250.01	\$ 25,315.13	\$ 1,031,507.11	\$ 29,397.95
Residential Usage Revenue	\$ 475,340.73	\$ 13,547.21	\$ 471,301.49	\$ 13,432.09
Subtotal		\$ 38,862.34		\$ 42,830.05
Total Collected to Date				\$ 81,692.38

Per District Counsel, allowable uses for PBC pursuant to Section 385 include any or all of the following programs:

1. Cost-effective demand-side management services to promote energy efficiency and energy conservation;
2. New investment in renewable energy resources and technologies consistent with existing statutes and regulations which promote those resources and technologies;
3. Research, development and demonstration programs for the public interest to advance science or technology which is not adequately provided by competitive and regulated markets; and/or
4. Services provided for low-income electricity customers.

An Energy Efficiency Rebate Program would comply with use #1. Given previous discussions by the Board and Planning committee for extensive and potentially costly uses (e.g. Low-Income discounts, fuel switching studies, energy audits, heat pump studies, etc.) any Rebate Program should judiciously consider the limited nature of the funds available. The Board should consider setting a percentage cap for any program using PBC funds, to ensure that monies are not over-allocated.

See the attached spreadsheet of similar programs from other electricity providers in California.

Note that there is variation of the utilities in the following categories:

- Is new construction eligible?

- Generally not.
- Is replacement of electric appliances eligible?
  - Approximately 50/50.
- Is there a cap on rebate application recurrence?
  - Generally, yes with HVAC ~ 10 years, all others ~ 5 years.
- Is there a cap on rebate amounts?
  - Some cap at 50% of costs, some at 100% of costs, some are a flat amount per rebate.
- Is there a cap on funding available (e.g. first come first served until the money runs out)?
  - Generally, yes for smaller sized POUs of which they vary from 2 to 10 times our annual electric revenue.

**Recommended Program Guidelines:**

The following guidelines are an amalgam of guidelines from the utilities listed in the spreadsheet referenced above.

**Residential Incentive:** Home Incentive Programs provide customers with rebates to help lower the cost of investing in high efficiency products and measures. The incentive offer is limited to residential customers. The appliance must be installed in a residential dwelling within KMPUD service area. A residential dwelling is defined as a single-family home, condominium, apartment, or mobile home permanently located within KMPUD service area. The dwelling must be fully constructed and occupied (no new construction).

**Building Permits:** Proof required for all installations covered under California codes, usually HVAC and Hot Water Heaters.

**Documentation:** This application and a paid sales receipt for each product must be returned to KMPUD as listed on the bottom of the application. Online purchases require submittal of the delivery slip.

**Efficiency Requirements:** Staff should develop minimum SEER and/or Energy Star requirements for each equipment type to qualify for the program.

**Installation Verification:** Applicant understands and agrees that KMPUD or its representative may inspect the installed product for installation verification before the incentive is paid.

**Limitations:** Applicant must be a KMPUD electric service customer with all KMPUD accounts in good standing. The incentive offer is good for purchases of electric appliances only, on a first-come, first-service basis and is effective until funding is expended annually, or the program is discontinued by KMPUD. Maximum of one application per measure type per account every 5 years. (E.g. Customer Smith could apply for the Hot Water Heater in 2000, but not again for a Hot Water Heater until 2005. Customer Smith could apply for a Range in 2001, but not again until 2006, etc.) The incentive amount will not exceed the purchase price. The incentive will be credited on the subsequent bill following application approval.

Application Window: Applications should only be accepted semi-annually, for a duration of one month (or until funds are fully expended) each iteration, so as to maximize Staff time and streamline the process.

Timing: Application must be submitted within six months of purchase or installation date.

**Recommended Rebate Amounts:**

Based on the District’s limited PBC funding, the following are recommended rebates.

Central HVAC	Heat Pump HVAC	Electric Hot Water Heater	Heat Pump Water Heater	Range/Oven	Clothes Dryer	Refrigerator
\$75/ton Max TBD	\$100/ton Max TBD	\$50	\$100	\$50	\$50	\$50

The Planning Committee should make recommendations on the following questions:

- What % of PBC funds should be allocated to this program annually?
  - What is the target number of participants each year for use of these funds?
- Should there be a cap on funding available (e.g. first come first served until the allocation is expended)?
  - If not, what happens when demand exceeds supply?
- Should new construction be eligible?
  - If so, under what circumstances?
- Should conversion from propane to electric for the above (excepting refrigerators) be required?
  - If not and existing electric appliances are included, must it be a more efficient model than that being replaced?
- Should there be a cap on rebate application recurrence per equipment type?
- Should there be an annual maximum of total rebates in any fiscal year for each singular, residential account?

**Prepared By:**

Erik Christeson



APPLIANCE TYPE / REBATE AMOUNT ORGANIZATION	IOU / POU	Annual Operating Revenue	Central HVAC	Heat Pump HVAC	Electric Hot Water Heater	Heat Pump Water Heater	Range/Oven	Clothes Dryer	Refrigerator
Trinity PUD	POU	\$15M		\$700	\$200	\$250			
City of Healdsburg	POU	\$16 M		\$1500-\$2000/unit		\$1500-\$2000/unit	\$500	\$75-\$175	
Lassen Municipal Utility District (LMUD)	POU	\$21 M	\$25-\$75/ton Up to 50% Cost	\$100-125/ton Up to 50% Cost		\$350 Up to 50% Cost		\$35 Up to 50% Cost	\$50 Up to 50% Cost
City of Shasta Lake	POU	\$25 M	\$150-\$275/ton	\$375-\$425/ton	\$100	\$350			\$100
Truckee Donner PUD	POU	\$34 M		\$200-\$800/ton Up to 100% Cost		\$750-\$1000 Up to 100% Cost	\$150-\$600 Up to 100% Cost		
City of Banning	POU	\$36 M	\$200-\$600/ton Up to 100% Cost	\$200-\$600/ton Up to 100% Cost					\$50-\$150
City of Ukiah	POU	\$36 M	\$75-\$100/ton Up to 100% Cost	\$300/ton Up to 100% Cost	\$150 Up to 100% Cost	\$500 Up to 100% Cost	\$100-\$750 Up to 100% Cost	\$100 Up to 100% Cost	\$100 Up to 100% Cost
Plumas-Sierra Rural Electric Co-Op (PSREC)	POU	\$37 M	\$25-\$75/ton Up to 50% Cost	\$100-\$350/ton Up to 50% Cost	\$150 Up to 50% Cost	\$500 Up to 50% Cost		\$100 Up to 50% Cost	\$50-\$75 Up to 50% Cost
City of Moreno Valley	POU	\$39 M	\$140-\$160 Up to 50% Cost	\$140-\$160 Up to 50% Cost		\$120-\$140 Up to 50% Cost			\$50-\$75 Up to 50% Cost
City of Lompoc	POU	\$41 M	\$100-\$125/ton Up to 100% Cost	\$250/ton Up to 100% Cost					\$75 Up to 100% Cost
Alameda Municipal Power (Electric)	POU	\$66 M		Up to \$1500	Up to \$1500	Up to \$1500		\$50	
City of Lodi	POU	\$75 M	\$100-\$150/ton Up to 50% Cost	\$150-\$250/ton Up to 50% Cost		\$200 Up to 50% Cost	\$100-\$500 Up to 50% Cost	\$100 Up to 50% Cost	\$100 Up to 50% Cost
Merced Water & Power	POU	\$78 M	\$125-\$175/ton	\$150-\$175/ton		\$500/unit	\$150/unit		
City of Azusa	POU	\$93 M	\$100-130/ton \$2000 Max	\$125-350/ton \$2000 Max	\$500	\$500	\$250-\$500	\$200	\$75
City of Redding	POU	\$143 M				\$1,000		\$200	
City of Roseville	POU	\$180 M		Up to \$600/ton		Up to \$2000	Up to \$500	Up to \$250	
City of Pasadena	POU	\$227M	\$120/ton	\$170/ton	\$400	\$500	\$200	\$200	\$50
City of Palo Alto	POU	\$241 M				\$1,500			
City of Riverside	POU	\$399 M	\$150-\$250/ton	\$150-\$250/ton	\$50				\$100-\$200
City of Anaheim	POU	\$449 M	\$200/ton	\$200/ton		\$400		\$200	\$50
City of Glendale	POU	\$465 M	\$140-\$230/ton	\$230-\$250/ton	\$400-\$425	\$500-\$525	\$200-\$220	\$200-\$220	\$60-\$80

APPLIANCE TYPE / REBATE AMOUNT ORGANIZATION	IOU / POU	Annual Operating Revenue	Central HVAC	Heat Pump HVAC	Electric Hot Water Heater	Heat Pump Water Heater	Range/Oven	Clothes Dryer	Refrigerator
Silicon Valley Power (Santa Clara)	POU	\$529 M	\$600	\$2,000	\$600	\$500			
Imperial Irrigation District	POU	\$775 M	\$400/ton	\$400/ton				\$75	\$75
Sacramento Munciple Utility District (SMUD)	POU	\$2,367M		\$3,500		\$3,000	\$100-750		\$50
Sierra Pacific Power (NV5/Berkshire Hathaway Ene	IOU	\$1,193 M	\$400-\$1600	\$600-\$2400		\$400		\$50-\$200	\$50
Pacific Power	IOU	\$5,679 M		\$2,500	\$75	\$400		\$50	\$20
Los Angeles Department of Water & Power	IOU	\$7,709 M	\$100-\$120/ton	\$100/ton		\$1,500		Up to \$500/unit	
PG&E	IOU	\$21,680 M				Up to \$900			
Southern California Edison	IOU	\$9,008 M	Discounted Marketplace						
San Diego Gas & Electric (SDGE)	IOU	\$12,857 M				\$500			