



AGENDA
REGULAR BOARD MEETING
Saturday, May 8, 2021 – 8:00AM
District Board Room, Community Services Building
33540 Loop Road, Kirkwood, CA 95646

BOARD MEMBERS

Eric Richert, President

Robert Epstein, Vice President/Treasurer
John Schroeder, Director

Peter Dornbrook, Secretary
Bertrand Perroud, Assistant Secretary

IMPORTANT NOTICE REGARDING COVID-19 AND TELECONFERENCED MEETINGS:

Based on mandates by the Governor and the Alpine and Amador County Health Officers to shelter in place and the guidance from the CDC, to minimize the spread of coronavirus, please note the following changes to the District's ordinary meeting procedures:

- The District offices are not open to the public at this time.
- The meeting will be conducted via teleconference using Zoom.
- All members of the public seeking to observe and/or to address the Board may participate in the meeting telephonically or otherwise electronically in the manner described below.

HOW TO PARTICIPATE / OBSERVE THE MEETING:

All participants will be automatically muted upon entering the meeting.

Telephone: Listen to the meeting live by calling Zoom at (669) 900-6833 and enter the Meeting ID# **845 2314 6762** followed by the pound (#) key. Raise your hand to talk by pressing *9.

Computer: Watch the live streaming of the meeting from a computer by navigating to <https://us02web.zoom.us/j/84523146762> using a computer with internet access the meets Zoom's system requirements (see <https://support.zoom.us/hc/en-us/articles/204003179-System-Requirements-for-Zoom-Rooms>) Raise your hand to talk by clicking Participants/Raise Hand.

Mobile: Login through the Zoom mobile app on a smartphone and enter Meeting ID# **845 2314 6762**

HOW TO SUBMIT PUBLIC COMMENTS:

Prior to the meeting, please mail comments to P.O. Box 247, Kirkwood, CA 95646, fax your comments to (209) 258-8727 Attn: Erik Christeson or email at echristeson@kmpud.com, write "Public Comments" in the subject line. Include the agenda item number and title, as well as your comments. During the meeting, the Board President will announce the opportunity to make public comments. Please utilize the "raise your hand" function via the Zoom application or your telephone if participating in this manner.

ACCESSIBILITY INFORMATION:

Board 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 Jessica Gillies, Clerk of the Board, at least 48-hours before the meeting at (209) 258-4444 or jgillies@kmpud.com. Advanced notification will enable the District to swiftly resolve such requests and ensure accessibility.

Distribution Date: April 30, 2021

AGENDA

- 1) **CALL TO ORDER** *President Richert*
- 2) **ROLL CALL** *Secretary Dornbrook*
- 3) **ANNOUNCEMENTS** *General Manager Christeson*
- 4) **CORRECTIONS TO THE AGENDA OR CONSENT CALENDAR** (For purposes of the Brown Act, all Action and Consent items listed give a brief description of each item of business to be transacted or discussed. Recommendations of the staff, as shown, do not prevent the Board from taking other action.)
- 5) **COMMENTS FROM THE AUDIENCE** (This is an opportunity for members of the public to address the Board on any short non-agenda items that are within the subject matter jurisdiction of the District. No discussion or action can be taken on matters not listed on the agenda, per the Brown Act.)
- 6) **WRITTEN COMMENTS FROM THE PUBLIC** (This is an opportunity for Directors and Staff to share written comments received from the public. No discussion or action can be taken on matters not listed on the agenda, per the Brown Act.) **Pgs. 4-6**
- 7) **ADOPTION OF THE CONSENT CALENDAR** (Any item can be removed to be discussed and considered separately upon request. Comments and questions from members of the public, staff or Board can be taken when the comment does not necessitate separate action.)
 - a) Approve April 10, 2021 Minutes **Pgs. 7-12**
 - b) Approve Current Consent for Claims **Pgs. 13-27**
 - c) Review Receivables/Shut Offs Report **Pg. 28**
- 8) **CONSENT ITEMS BROUGHT FORWARD FOR SEPARATE DISCUSSION/ACTION**
- 9) **ITEMS FOR BOARD ACTION**
 - a) **Finances.** Discussion and possible action regarding the District's financials. *AM McBride*
 - i) March Financials **Pgs. 29-45**
 - ii) April Preliminaries **Pg. 46**
 - iii) Cash Flow **Pg. 47**
 - iv) Budget Variance Tracking **Pg. 48**
 - b) **Fiscal Year 2021/2022 Budget.** Discussion & possible action. *AM McBride* **Pgs. 49-91**
 - c) **Performance Reporting & Aquifer Levels.** Update. *OM Benson* **Pgs. 92-94**
 - d) **Resolution 21-06 Placing in Nomination Erik Christeson as a Member of the Association of California Water Agencies Region 3.** Discussion and possible action. *GM Christeson* **Pgs. 95-103**
 - e) **Fiscal Year 2021/2022 General Manager Objectives.** Discussion & possible action. *GM Christeson* **Pgs. 104-108**

- f) **Initiating the Annexation of Caltrans Peddler Hill Maintenance Station.** Discussion & possible action. *GM Christeson*
- g) **Proposed Changes in Electric Rates and Proposed Revisions to the Rate Structure.** Discussion & possible action. *Director Epstein & GM Christeson Pgs. 109-144*
- 10) **GENERAL MANAGER’S REPORT** (Discussion may take place; however, no action will be taken.)
- 11) **OPERATIONS REPORT** (Discussion may take place; however, no action will be taken.)
- 12) **STANDING COMMITTEE REPORTS**
- 13) **TEMPORARY ADVISORY COMMITTEE REPORTS**
 - a) **Summer Festival.** Update.
- 14) **GENERAL DISCUSSION** Opportunity for Board Members to ask questions for clarification, provide information to Staff, Committee updates, request Staff to report back on a matter, or to direct Staff to place a matter on a subsequent agenda.
- 15) **ADJOURNMENT**
 - The next Special Board Meeting is scheduled for Saturday, May 22, 2021 at 8:00AM
 - The next Regular Board Meeting is scheduled for Saturday, June 12, 2021 at 8:00AM

The Kirkwood Meadows Public Utility District Board of Directors regularly meets the second Saturday of each month. A complete Agenda packet is available for review at the meeting and at the District office during the hours of 8:00 a.m. and 4:30 p.m. Monday through Friday. This meeting is recorded and broadcast over Volcano Community Channel 19 and on the internet at www.kmpud.com. Items on the Agenda are numbered for identification purposes only and will not necessarily be considered in the order in which they appear. Designated times are for particular items only. Public Hearings will not be called to order prior to the time specified but may occur slightly later than the specified time.

Public participation is encouraged. Public comments on items appearing on the Agenda will be taken at the same time the Agenda items are heard; comments should be brief and directed to the specifics of the item being considered. Please provide the Clerk of the Board with a copy of all written materials presented at the meeting. Comments on items not on the Agenda can be heard during “Comments from the Audience”; however, action cannot be taken on items not on the Agenda.

Backup materials relating to an open session item on this Agenda, which are not included with the Board packet, will be made available for public inspection at the same time they are distributed or made available to the Board, and can be viewed at the District office, at the Board meeting and upon request to the Clerk of the Board.

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 at ijillies@kmpud.com. Requests must be made as early as possible, and at least two business days before the meeting.

The Kirkwood Meadows Public Utility District is an Equal Opportunity Provider and Employer

**REID D. BENNETT
101 CALIFORNIA AVE.
MILL VALLEY, CA 94941**

STRATEGIC PRICING NEEDED FOR PROPOSED KMPUD RATE STRUCTURE CHANGE

The objectives of the KMPUD electricity pricing are three-fold:

1. Financially responsible pricing to ensure viability of the KMPUD
2. Reduce greenhouse gas emissions through i) encouraging energy conservation and ii) pricing electricity so that, when used with efficient heating systems, is competitive with propane, and
3. Fairly allocating the costs to those who use electricity

To meet these objectives, I strongly recommend that Strategic Pricing should be determined before the KMPUD Board makes any change to the current electricity rate structure. The objective should be to price the cost of electricity to be high enough to encourage conservation and the deployment of energy efficient technologies -- while also being low enough to compete with propane in order to incentivize the usage of cleaner energy and reduce the need for the District to install costly propane system upgrades. The current proposal of high fixed costs and, especially, an unduly low electricity cost will not accomplish these objectives

IT IS MOST IMPORTANT THAT THE BOARD MAKE AN INFORMED DECISION CONSIDERING ONGOING IMPACTS OF THE PANDEMIC

There are many, many factors and much information which needs to be taken into consideration to make such an important decision. With the pandemic likely fading in the rearview mirror, commercial revenue is likely to return to higher levels because the ski resort will have more business. Residential revenues are likely to remain significantly higher than historical levels for several reasons, including that many no longer go to the office and now work from home. It would be best for the Board to take the time to find out how the usage patterns evolve and to research the viability of new technologies.

The Proposed Rate Change of thirteen to fifteen cent electricity will likely encourage unnecessary, inefficient electricity consumption, due to the low pricing. It is too high to encourage electrical heating with conventional technologies and is much lower than needed to encourage adoption of new technologies (i.e. Heat Pumps). I have asked this several times: "How does lowering the cost of electricity by 80% encourage the efficient consumption of energy?"

PROPANE FOR HEAT

- Energy losses from distribution and furnace inefficiencies total about 12.6%, so 1.14 BTU (1/0.874) of propane are required to provide 1 BTU of heat at the customer:
 - 3% system losses + 2% energy for truck delivery = 5% distribution losses = 95% used by the metered customer.
 - 92% furnace/water heater efficiency

ELECTRICITY FOR HEAT

- Transmission losses for electricity distribution to Kirkwood are approximately 24.8%; therefore only 75.2% of generated electricity is available at the customer's premises. Assuming 100% efficiency for conversion into heat, 1.33 KWH of electricity must be generated to provide 1 KWh of heat at the customer's site. Of these 1.33 KWH, .865 KWH is carbon based and .465 KWH are currently REC.

COMPARING GHG EMISSIONS OF PROPANE VS. ELECTRICITY FOR CONVENTIONAL HEAT

- Electricity uses 16.3% more total energy (1.33 divided by 1.144 = 1.163) than propane to provide the same amount of heat to KMPUD's customers.
- Using propane for heat at Kirkwood causes 32.3% more CO2 emissions (1.144 divided by .865 = 1.323) than electricity.
- At current rates (\$0.071/ft³ for propane, \$0.656 per KWH), electricity currently costs more than 6X as much to heat than propane.
- With the proposed rate of \$0.137 per KWH for electricity, it would still cost 45% more to heat with electricity. This will not motivate people to switch.
- Electricity needs to cost \$0.0947 per KWH to cost the same as propane using current (i.e. conventional) heating methods.

PROPANE: 1 liquid gallon = 36 ft³ gas propane = 27 KWH of energy

HEAT PUMPS

- Using heat pumps at Kirkwood, assuming 3X efficiency, will be cost neutral with electricity at \$0.284 per KWH. This is comparable to PGE's rate for electricity.
- The price per KWH should be 4X the price per cubic foot of propane to achieve the same cost for heat using a heat pump or propane. (\$0.284 = 4 X \$0.071)
- If the KMPUD were to increase the price of propane, then the cost of electricity could be raised accordingly.

Discussion: I have not been able to find any Heat Pumps in use in Kirkwood (sources: Frank Whatford and KMPUD). They likely will be usable in Kirkwood. However, the big question is how to employ Heat Pumps with the huge snow depths. An older home (all electric) near Fremont and Dangberg is having a major re-model and the new owner intends to install a heat pump. A garage addition on Hawkweed is also considering installing heat pumps. These make wonderful test cases! I believe the Board should wait for the results, in order to determine

their feasibility at Kirkwood, before adopting a new pricing structure. Also, there is a heat pump which has been in use for about two years near Red Lake, which is powered by PV solar panels with batteries and propane backup. The owner is very pleased with his system, having placed the heat pump outside units underneath a lower deck to prevent snow damage.

TANKLESS WATER HEATERS

Tankless water heaters probably should be required due to the large heat losses from tank water heaters, especially when properties are unoccupied for long periods. Tankless water heaters are exclusively used almost everywhere else in the world because they take less space, are inherently more efficient and safer in earthquakes. Either one tankless propane water heater or two electric tankless water heaters in series should be sufficient.

Here are excellent links for tankless water heaters and heat pumps:

<https://www.consumerreports.org/water-heaters/tankless-water-heaters-vs-storage-tank-water-heaters/>

https://www.nrdc.org/stories/whats-most-energy-efficient-water-heater?gclid=CjwKCAjw7J6EBhBDEiwA5UUM2rKVhp5rh6NyE37BJD72ZkwmJyfmthxHzZBgPxV30mgeTdZ47LvAXhoCfwMQAvD_BwE

ELECTRIC VEHICLES

A few “back of the envelope” calculations indicate the EV’s will be a small revenue source in the next few years, and furthermore, may lead to energy waste as most cars will recharge going down the hill. A more appropriate usage scenario should be partial fill ups.

- 40 KWH at \$0.30/KWH totals \$12.00 per “fill up.”
- 100 “fill ups” per week for 30 weeks annually = \$36,000.
- 1,000 “fill ups” per week for 30 weeks annually = \$360,000 .

For guidance, a spreadsheet should be used to develop various scenarios for the next 5 – 10 years. It will likely be appropriate to charge a premium for fill ups at any public charging station, due to significant additional infrastructure and maintenance costs. Because the cost to “fuel” EVs is inherently much less than conventional vehicles, there is no need to provide inexpensive EV charging.

May 3, 2021



BOARD OF DIRECTORS
KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
33540 Loop Rd., P.O. Box 247, Kirkwood, CA 95646
Telephone (209) 258-4444

REGULAR MEETING OF THE BOARD OF DIRECTORS
Saturday, April 10, 2021 – 8:00 AM

BOARD MEETING MINUTES

Robert Epstein, Vice President
Peter Dornbrook, Secretary

BOARD MEMBERS
Eric Richert, President

John Schroeder, Director
Bertrand Perroud, Assistant Secretary

Due to mandates by the Governor and the Alpine and Amador County Health Officers to shelter in place and guidance from the CDC to minimize the spread of COVID-19, this meeting took place via video/teleconference.

1. **CALL TO ORDER**

President Richert

Determining a quorum present, President Richert called the meeting to order at 8:00am

2. **ROLL CALL**

Secretary Dornbrook

Board of Directors Present via Zoom: President Richert, Directors Epstein, Dornbrook, Perroud, and Schroeder
Staff Present via Zoom: General Manager Christeson, Assistant General Manager Ansel, Administrative Manager McBride, Operations Manager Benson
Others Present via Zoom: Severin Borenstein, Jeff Brown, Amador County Supervisor District 3, Terry Woodrow, Alpine County Supervisor District 4, Howard Hoffman, Patrick O'Donnell, Preston Roper

3. **ANNOUNCEMENTS**

General Manager Christeson

General Manager Christeson welcomed members of the public to the April 10, 2021 Regular Board meeting. If members of the public would like to make a comment, they can use the raise your hand function on Zoom. All votes will be taken by roll call vote.

4. **CORRECTIONS TO THE AGENDA OR CONSENT CALENDAR**

None

5. **COMMENTS FROM THE AUDIENCE**

None

6. **WRITTEN COMMENTS FROM THE PUBLIC**

None

7. **ADOPTION OF CONSENT CALENDAR**

- a. **March 13, 2021 Board Meeting Minutes**

- Approve March 13, 2021 Board Meeting Minutes
- b. **Current Consent for Claims**
Approve Current Consent for Claims
- c. **Receivables/Shut Offs Report**
Approve Receivables/Shut Offs Report

Director Dornbrook motioned to adopt the Consent Calendar as presented. Director Schroeder seconded the motion and it carried by the following roll-call vote:

AYES: President Richert, Directors Epstein, Dornbrook, Perroud, and Schroeder

NOES: None

ABSENT: None

ABSTAINING: None

8. CONSENT ITEMS BROUGHT FORWARD FOR SEPARATE DISCUSSION / ACTION:

None

- 9. KMPUD Public Facilities Corporation.** Annual meeting of the Board of Directors.
Timed item taking place at 8:10 AM or as soon thereafter as the matter may be heard.
President Richert

President Richert called the annual meeting of the KMPUD Public Facilities Corporation (KMPUD PFC) to order at 8:05 AM. Annual compliance requirements of the KMPUD PFC were discussed and fulfilled. The next meeting of the KMPUD PFC is scheduled to take place on Saturday, April 9, 2022.

- 10. Kirkwood Volunteer Fire Department, a Nonprofit Benefit Corporation.** Annual meeting of the Board of Directors.
Timed item taking place at 8:30 AM or as soon thereafter as the matter may be heard.
President Christeson

President Christeson called the annual meeting of the Kirkwood Volunteer Fire Department (KVFD), Nonprofit Benefit Corporation to order at 8:10 AM. Annual compliance requirements of the KVFD, Nonprofit Benefit Corporation were discussed and fulfilled. The next meeting of the KVFD, Nonprofit Benefit Corporation is scheduled to take place on Saturday, April 9, 2022.

11. ITEMS FOR BOARD ACTION

- a. **Intent to File an Application for a USDA RUS Loan or Grant for the Wastewater Treatment Plant Improvement Projects.** Discussion and possible action. *GM Christeson*

General Manager Christeson summarized the USDA RUS (United States Department of Agriculture Rural Utility Service) Loan application process and provided an update on progress of loan application preparation. President Richert opened the meeting to receive comments from the public. Discussion ensued. President Richert requested the Finance Committee track interim financing to ensure funding is in place in order to proceed with the Wastewater Treatment Plant Improvement Projects during the desired time frame.

- b. **Finances.** Discussion and possible action regarding the District's financials. *AM McBride*

- i. **February Financials.** Administrative Manager McBride presented the Consolidated Balance Sheet noting that Operating Cash is up from plan. Revenue Account by fund was presented noting the Water, Employee Housing and Solid Waste are in the negative. Combined Income Statement was presented noting Operating Revenues for the month of February are up from

plan, Year-to-Date Operating Revenues are down from plan, and Total Operating Revenues are up from plan. Income Statements for each department were presented. Income Statement Comparison for February 2020 and 2021 was presented.

- ii. March Preliminaries. March 2021 Preliminary Income Statement was presented noting Operating Revenues are actuals. March 2021 Revenues are up from plan and Year-to-Date Revenues are down from plan.
- iii. Cash Flow. Cash Flow for the month of March ended better than plan. Discussion ensued.
- iv. Budget Variance Tracking. Budget Variances were updated through February 2021. Discussion ensued.

- c. **Budget Assumptions.** Discussion and possible action. *AM McBride*

Administrative Manager McBride presented updated Fiscal Year 2022-2026 Budget Assumptions. Discussion ensued.

- d. **Performance Reporting & Aquifer Levels** Discussion and possible action. *OM Benson*

Operations Manager Benson presented Performance Reporting for each department and Aquifer Levels for the month of March 2021. Discussion ensued.

- e. **Electric Rate Policies.** Discussion and possible action. *Director Epstein & GM Christeson*

Director Epstein introduced Severin Borenstein, Professor of Business Administration and Public Policy at the U.C Berkeley Haas School of Business, invited to this Board Meeting to provide professional perspective on the District's Electric Rate Study. Professor Borenstein gave an overview of common electric rate models in relation to the District's Electric Rate Model. Discussion ensued and Professor Borenstein responded to comments and questions. General Manager Christeson presented proposed Electric Rate Policies and EDU (Equivalent Dwelling Units) calculation methods.

Director Schroeder motioned to adopt Electric Rate Policies, Rules for Defining EDUs Calculation Period and Property Transfers using the Previous Owner Model with 0.5 minimum EDU versus a rolling three-year average. Director Epstein seconded the motion and it carried by the following roll call vote:

AYES: President Richert, Directors Epstein, Dornbrook, and Schroeder

NOES: Director Perroud

ABSENT: None

ABSTAINING: None

- f. **Requirement for Implementing Public Benefits and Energy Efficiency Programs.** Discussion and possible action. *GM Christeson*

General Manager Christeson summarized state requirements for publicly owned utilities to implement a public benefits program and energy efficiency program. The District's obligations under this requirement include establish and collect a public benefits charge and implement an energy efficiency program. Director Perroud and Planning Committee member, Patrick O'Donnell provided additional details. Discussion ensued.

Director Perroud motioned to incorporate implementation of public benefits and energy efficiency programs into the current electric rate study. President Richert seconded the motion and it carried by the following roll call vote:

AYES: President Richert, Directors Epstein, Dornbrook, Perroud, and Schroeder

NOES: None

ABSENT: None

ABSTAINING: None

g. **Snow Removal – Contract Policy.** Discussion and possible action. *GM Christeson*

General Manager Christeson summarized previous Board discussions regarding Snow Removal Contracts and requested the Board provide direction on allocation of percentage of travel time between private driveways and determine if private driveway contracts will be incorporated into HOA contracts. Discussion ensued.

President Richert motioned to:

- Assign 50% of transit time between driveways to the HOA and 50% of transit time to the driveway owner;
- incorporate private driveway snow removal contracts into HOA snow removal contracts for the Palisades and Juniper Ridge HOAs;
- delay incorporating private driveway contracts into Kirkwood Meadows Association (KMA) until the 2022-2023 snow removal season;
- eliminate curation of snow removal data;
- eliminate driveway time testing, and;
- develop administrative and late fee costs for the remaining private driveway contracts for the 2022-2023 snow removal season.

Director Perroud seconded the motion and it carried by the following roll call vote:

AYES: President Richert, Directors Epstein, Dornbrook, Perroud, and Schroeder

NOES: None

ABSENT: None

ABSTAINING: None

h. **OGALS Project(s) Selection.** Discussion and possible action. *GM Christeson*

President Richert summarized parks and recreation projects identified by the OGALS (Office of Grants and Local Services) Ad-hoc Committee to utilize available Grant funds. General Manager Christeson detailed efforts to coordinate with Kirkwood Mountain Resort regarding possible use of a portion of their property. Director Dornbrook provided comments from the Committee regarding project options. Discussion ensued.

Director Dornbrook motioned to proceed with construction of a picnic area on District owned property and purchase a portable movie projector and screen to utilize the available OGALS Grant funds. Director Schroeder seconded the motion and it carried by the following roll call vote:

AYES: President Richert, Directors Epstein, Dornbrook, Perroud, and Schroeder

NOES: None

ABSENT: None

ABSTAINING: None

10. GENERAL MANAGER'S REPORT

GM Christeson

General Manager Christeson reported on:

- ACWA Region 3 Board and CMUA Committee Meetings.
- Upcoming Staff Training.

11. OPERATIONS REPORT

Assistant General Manager Ansel reported on

- Upcoming Summer Projects.
- Out Valley Line Maintenance.
- New District Staff
- Current Fire Department Volunteers and Radio Communication Capabilities.

12. STANDING COMMITTEE REPORT

a. Finance Committee

All items were covered.

b. Planning Committee

Director Perroud reported on committee discussions regarding:

- General Manager Goals and Objectives.
- Energy Efficiency.
- Electric Vehicle Charging.

c. Operations Committee

All items were covered.

d. Communications Committee

Director Epstein reported on Committee discussions regarding redesign of the District website and electric rate study communications.

e. Personnel Committee

Did not meet.

13. TEMPORARY ADVISORY COMMITTEE REPORT

a) Summer Festival Update.

Assistant General Manager Ansel provided an update on the 2021 Kirkwood Virtual Summer Festival planning.

14. GENERAL DISCUSSION

Director Perroud requested clarification on the calculation of Tier Ratios and how the cash generated is used.

General Manager Christeson requested confirmation on holding a Special Board Meeting on June 26, 2021 to accommodate the Electric Rate Public Hearing, thereby cancelling the Regular Board Meeting scheduled for July 10, 2021. Board consensus is to hold a Special Board Meeting on Saturday, June 26, 2021 and cancel the Regular Board Meeting scheduled for Saturday, July 10, 2021.

15. ADJOURNMENT

There being no further business, the meeting was adjourned at 12:15 PM.

(The next Regular Board Meeting is Saturday, May 8, 2021 at 8:00am)

Peter Dornbrook, Board Secretary
Kirkwood Meadows Public Utility District

Jessica Gillies, Clerk of the Board

AP - Vouchers

<u>DocNbr</u>	<u>TranDate</u>	<u>PeriodPost</u>	<u>InvNbr</u>	<u>PONbr</u>	<u>BatchID</u>	<u>Description</u>	<u>DiscAmt</u>	<u>Amount</u>	<u>Paid Chk #</u>	<u>Doc Balance</u>
AIRG001	AIRGAS USA, LLC									
15810	04/15/2021	2021-09	9978862309		AP004910	Cylinder Rental	0.00	50.01	35991	0.00
					AIRG001	AIRGAS USA, LLC		\$50.01		\$0.00
ANSE001	RICK ANSEL									
15905	04/29/2021	2021-11			AP004954	May Cell Phone	0.00	35.00	36035	0.00
					ANSE001	RICK ANSEL		\$35.00		\$0.00
AT&T001	AT&T									
15893	04/29/2021	2021-10	0300828157001		AP004953	Long Distance	0.00	163.36	36036	0.00
					AT&T001	AT&T		\$163.36		\$0.00
AT&T002	AT&T									
15835	04/19/2021	2021-10	3127024061		AP004919	KM Blue/Green Broadband	0.00	1,604.01	35992	0.00
					AT&T002	AT&T		\$1,604.01		\$0.00
BAGG001	THOMAS BAGGETT									
15795	04/13/2021	2021-09			AP004908	March KVFD	0.00	40.00	35977	0.00
15920	05/04/2021	2021-10			AP004960	April KVFD	0.00	60.00	36023	0.00
15899	04/29/2021	2021-11			AP004954	Housing Credit	0.00	480.00	36037	0.00
					BAGG001	THOMAS BAGGETT		\$580.00		\$0.00
BAIL001	BAILEY CIVIL ENGINEERING									
15809	04/15/2021	2021-09	198		AP004910	System Water Model	0.00	12,375.00	35993	0.00
					BAIL001	BAILEY CIVIL ENGINEERING		\$12,375.00		\$0.00
BENS002	ED BENSON									
15896	04/29/2021	2021-11			AP004954	Housing Credit	0.00	480.00	36038	0.00
					BENS002	ED BENSON		\$480.00		\$0.00

AP - Vouchers

<u>DocNbr</u>	<u>TranDate</u>	<u>PeriodPost</u>	<u>InvNbr</u>	<u>PONbr</u>	<u>BatchID</u>	<u>Description</u>	<u>DiscAmt</u>	<u>Amount</u>	<u>Paid Chk #</u>	<u>Doc Balance</u>
BOE002 CA DEPT. OF TAX & FEE ADMINISTRATION										
15845	04/19/2021	2021-09	031-000268		AP004918	Electric Surcharge Return 1/1/21-3/31/21	0.00	761.00	8801260	0.00
15837	04/19/2021	2021-10	102-706304		AP004919	Use Tax 1/1/20-12/31/20	0.00	1,232.00	8801253	0.00
BOE002 CA DEPT. OF TAX & FEE ADMINISTRATION								\$1,993.00		\$0.00
BOTW001 BANK OF THE WEST										
15832	04/19/2021	2021-09			AP004916	KMPUD BOTW Mastercard	0.00	8,074.22	8801252	0.00
15850	03/29/2021	2021-09			AP004922	BOTW Loan Payment	0.00	7,099.04	8801254	0.00
15851	04/20/2021	2021-10			AP004924	SM4 #111 Loan Payment	0.00	972.49	8801255	0.00
15792	04/07/2021	2021-10			AP004905	TM #225 Loan Payment	0.00	2,168.69	8801250	0.00
BOTW001 BANK OF THE WEST								\$18,314.44		\$0.00
BRAG001 JAMES BRAGER										
15796	04/13/2021	2021-09			AP004908	March KVFD	0.00	20.00	35978	0.00
BRAG001 JAMES BRAGER								\$20.00		\$0.00
BRAN001 BRAND-GAUS, LLC										
15836	04/19/2021	2021-10	2734	21-373	AP004919	Rebuild NOx Analyzer Displays	0.00	1,617.50	36014	0.00
BRAN001 BRAND-GAUS, LLC								\$1,617.50		\$0.00
BRUZ001 BRANDON BRUZZESE										
15797	04/13/2021	2021-09			AP004908	March KVFD	0.00	50.00	35979	0.00
15811	04/15/2021	2021-09			AP004911	March KVFD	0.00	480.00	35990	0.00
15921	05/04/2021	2021-10			AP004960	April KVFD	0.00	320.00	36024	0.00
BRUZ001 BRANDON BRUZZESE								\$850.00		\$0.00
BURG001 BURGARELLO ALARM/MOUNTAIN ALARM										
15878	04/26/2021	2021-10	248260		AP004943	Service at Employee Housing 4/20/21	0.00	284.93	36015	0.00
BURG001 BURGARELLO ALARM/MOUNTAIN ALARM								\$284.93		\$0.00

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CALP002	CALPERS									
15863	04/22/2021	2021-10	1000000163835		AP004930	Unfunded Liability Contribution #26403	0.00	146.78	8801263	0.00
15864	04/22/2021	2021-10	1000000163835		AP004930	Unfunded Liability Contribution #1765	0.00	6,543.95	8801264	0.00
CALP002 CALPERS								\$6,690.73		\$0.00
CALP457	CALPERS SUPPLEMENTAL INCOME PLANS									
15847	04/19/2021	2021-10	1000000163880		AP004921	PPE 4/3/21 #100000016388043	0.00	1,973.40	8801261	0.00
15881	04/26/2021	2021-10	1000000164097		AP004946	PPE 4/17/21 #100000016409729	0.00	1,973.40	8801269	0.00
CALP457 CALPERS SUPPLEMENTAL INCOME PLANS								\$3,946.80		\$0.00
CANO001	CANON FINANCIAL SERVICES, INC.									
15855	04/21/2021	2021-10	26606258		AP004927	Copier Lease	0.00	402.19	35994	0.00
CANO001 CANON FINANCIAL SERVICES, INC.								\$402.19		\$0.00
CARP001	ALPINE CARPET ONE									
15885	04/27/2021	2021-10	CG101220	21-355	AP004952	Carpet & Rubber Base - 1A	0.00	2,359.44	36039	0.00
CARP001 ALPINE CARPET ONE								\$2,359.44		\$0.00
CAST001	CA STATE DISBURSEMENT UNIT									
15882	04/26/2021	2021-10			AP004946	Andrew Meteer	0.00	359.07	8801270	0.00
15865	04/22/2021	2021-10			AP004930	Andrew Meteer	0.00	359.07	8801265	0.00
CAST001 CA STATE DISBURSEMENT UNIT								\$718.14		\$0.00
CHRI001	ERIK CHRISTESON									
15894	04/29/2021	2021-11			AP004954	Housing Credit	0.00	480.00	36040	0.00
CHRI001 ERIK CHRISTESON								\$480.00		\$0.00
COMP001	COMPUTER COURAGE									
15833	04/19/2021	2021-09	47682		AP004918	Report Server & Website Support	0.00	120.15	35995	0.00
COMP001 COMPUTER COURAGE								\$120.15		\$0.00

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DEEM001	DANIEL DEEMER									
15798	04/13/2021	2021-09			AP004908	March KVFD	0.00	10.00	35980	0.00
DEEM001 DANIEL DEEMER								\$10.00		\$0.00
DORN001	DEREK DORNBROOK									
15901	04/29/2021	2021-11			AP004954	May Cell Phone	0.00	35.00	36041	0.00
DORN001 DEREK DORNBROOK								\$35.00		\$0.00
EDD001	EDD									
15866	04/22/2021	2021-10	01/2021		AP004930	Acct #49902836 - SDI Correction	0.00	604.27	8801266	0.00
EDD001 EDD								\$604.27		\$0.00
EHSI001	EASY FLEET GPS, INC									
15918	05/04/2021	2021-11	1234		AP004959	GPS Units	0.00	206.55	36042	0.00
EHSI001 EASY FLEET GPS, INC								\$206.55		\$0.00
FAST002	FAST GLASS, INC.									
15875	04/26/2021	2021-10	ICA089612	21-364	AP004943	Repace Windshield on Admin Truck	0.00	205.00	36016	0.00
FAST002 FAST GLASS, INC.								\$205.00		\$0.00
FEDE001	FEDERAL EXPRESS									
15870	04/23/2021	2021-10	7-348-93874	21-377	AP004942	Snow Removal GPS Units Return	0.00	30.72	36017	0.00
FEDE001 FEDERAL EXPRESS								\$30.72		\$0.00
FICH001	BRANDI BENSON									
15895	04/29/2021	2021-11			AP004954	Housing Credit	0.00	480.00	36043	0.00
15900	04/29/2021	2021-11			AP004954	May Cell Phone	0.00	35.00	36043	0.00
FICH001 BRANDI BENSON								\$515.00		\$0.00

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GOOD001 GOODWIN CONSULTING GROUP, INC.										
15908	05/04/2021	2021-10	11139		AP004958	Mello Roos Administration	0.00	3,857.50	36044	0.00
15909	05/04/2021	2021-10	11140		AP004958	COP Continuing Disclosure Services	0.00	1,618.75	36044	0.00
								\$5,476.25		\$0.00
GOOD001 GOODWIN CONSULTING GROUP, INC.										
GRAI001 GRAINGER										
15813	04/15/2021	2021-09	842847543	21-351	AP004910	Well 2 & Backflow Preventer Supplies	0.00	422.74	35996	0.00
								\$422.74		\$0.00
GRAI001 GRAINGER										
HARR002 THOMAS HARRIS										
15799	04/13/2021	2021-09			AP004908	March KVFD	0.00	20.00	35981	0.00
15922	05/04/2021	2021-10			AP004960	April KVFD	0.00	60.00	36025	0.00
								\$80.00		\$0.00
HARR002 THOMAS HARRIS										
HOLT001 HOLT OF CALIFORNIA										
15886	04/27/2021	2021-10	PS010985668	21-366	AP004952	Gaskets	0.00	5.08	36045	0.00
15826	04/16/2021	2021-10	PS010983022	21-339	AP004913	950GC Cutting Edges - Freight	0.00	209.81	35997	0.00
15827	04/16/2021	2021-10	PS010983023	21-363	AP004913	Backhoe Parts	0.00	492.80	35997	0.00
15828	04/16/2021	2021-10	PS010983024	21-366	AP004913	950F & 924G Parts	0.00	301.72	35997	0.00
								\$1,009.41		\$0.00
HOLT001 HOLT OF CALIFORNIA										
HOME001 HOME DEPOT CREDIT SERVICES										
15871	04/23/2021	2021-10	2847261	21-360	AP004942	Industrial Casters for Welder	0.00	79.58	36046	0.00
15872	04/23/2021	2021-10	6511453	21-379	AP004942	Paint & Screws for SC 23	0.00	133.76	36046	0.00
15873	04/23/2021	2021-10	8255857	21-353	AP004942	Angle Grinder	0.00	152.46	36046	0.00
								\$365.80		\$0.00
HOME001 HOME DEPOT CREDIT SERVICES										
HSBS001 HIGH SIERRA BUSINESS SYSTEMS										
15839	04/19/2021	2021-10	116687		AP004919	Color & B/W Copy Charges	0.00	192.40	35998	0.00
								\$192.40		\$0.00
HSBS001 HIGH SIERRA BUSINESS SYSTEMS										

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IRS001 INTERNAL REVENUE SERVICE										
15848	04/19/2021	2021-10	25540986		AP004921	PR Tax PPE 4/3/21	0.00	12,241.10	8801262	0.00
15883	04/26/2021	2021-10	71405418		AP004946	PR Tax PPE 4/17/21	0.00	11,415.03	8801271	0.00
							<hr/>		<hr/>	
IRS001 INTERNAL REVENUE SERVICE							\$23,656.13		\$0.00	
KCA001 KIRKWOOD COMMUNITY ASSOCIATION										
15874	04/26/2021	2021-10	1537		AP004943	KCA Assessment SM4 #111	0.00	65.00	36018	0.00
							<hr/>		<hr/>	
KCA001 KIRKWOOD COMMUNITY ASSOCIATION							\$65.00		\$0.00	
KCP001 KIRKWOOD CAPITAL PARTNERS										
15838	04/19/2021	2021-10			AP004919	Mello Roos Trust Refund	0.00	14,634.14	35999	0.00
							<hr/>		<hr/>	
KCP001 KIRKWOOD CAPITAL PARTNERS							\$14,634.14		\$0.00	
KELL002 CLAYTON KELLEY										
15800	04/13/2021	2021-09			AP004908	March KVFD	0.00	1,015.00	35982	0.00
15923	05/04/2021	2021-10			AP004960	April KVFD	0.00	1,072.50	36026	0.00
							<hr/>		<hr/>	
KELL002 CLAYTON KELLEY							\$2,087.50		\$0.00	
KENT001 IAN KENT										
15801	04/13/2021	2021-09			AP004908	March KVFD	0.00	250.00	35983	0.00
15924	05/04/2021	2021-10			AP004960	April KVFD	0.00	60.00	36027	0.00
							<hr/>		<hr/>	
KENT001 IAN KENT							\$310.00		\$0.00	
KIVA001 KIVA ENERGY INC. - CALIFORNIA										
15913	05/04/2021	2021-10	KE1094521		AP004958	Propane Delivery 4/30/21	0.00	11,661.86	36047	0.00
15869	04/22/2021	2021-10	KE1093936		AP004930	Propane Delivery 4/18/21	0.00	12,045.90	36047	0.00
							<hr/>		<hr/>	
KIVA001 KIVA ENERGY INC. - CALIFORNIA							\$23,707.76		\$0.00	

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LANG001 JEDIDIAH LANGHAM										
15802	04/13/2021	2021-09			AP004908	March KVFD	0.00	520.00	35984	0.00
15925	05/04/2021	2021-10			AP004960	April KVFD	0.00	920.00	36028	0.00
LANG001 JEDIDIAH LANGHAM								\$1,440.00		\$0.00
MCBR001 KELLY MCBRIDE										
15859	04/21/2021	2021-10			AP004928	Petty Cash	0.00	152.47	36000	0.00
15902	04/29/2021	2021-11			AP004954	May Cell Phone	0.00	35.00	36048	0.00
MCBR001 KELLY MCBRIDE								\$187.47		\$0.00
MCCU001 DAVID MCCULLERS										
15803	04/13/2021	2021-09			AP004908	March KVFD	0.00	110.00	35985	0.00
15926	05/04/2021	2021-10			AP004960	April KVFD	0.00	40.00	36029	0.00
MCCU001 DAVID MCCULLERS								\$150.00		\$0.00
MEAD001 MEADOWS AT KIRKWOOD										
15877	04/26/2021	2021-11	124-00124-225-		AP004944	HOA Dues	0.00	924.37	36019	0.00
MEAD001 MEADOWS AT KIRKWOOD								\$924.37		\$0.00
MOUR001 REBEKAH MOURAO										
15804	04/13/2021	2021-09			AP004908	March KVFD	0.00	150.00	35986	0.00
15927	05/04/2021	2021-10			AP004960	April KVFD	0.00	60.00	36030	0.00
MOUR001 REBEKAH MOURAO								\$210.00		\$0.00
NV5001 NV5, INC.										
15840	04/19/2021	2021-10	206350		AP004919	Monitoring of WWTP 2020	0.00	1,946.61	36001	0.00
15841	04/19/2021	2021-10	206349		AP004919	ROWD WWTP	0.00	272.50	36001	0.00
NV5001 NV5, INC.								\$2,219.11		\$0.00

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PART001 THE PARTS HOUSE										
15860	04/22/2021	2021-10	970288	21-345	AP004930	Snow Removal Supplies	0.00	307.29	36020	0.00
15861	04/22/2021	2021-10	970285	21-345	AP004930	Toyota Flasher & Maintenance Shop Supplies	0.00	176.20	36020	0.00
15862	04/22/2021	2021-10	970645	21-345	AP004930	Detergent	0.00	53.54	36020	0.00
15856	04/21/2021	2021-10	973078	21-358	AP004928	Maintenance Shop Supplies	0.00	265.57	36002	0.00
15857	04/21/2021	2021-10	973082	21-358	AP004928	Maintenance Shop Supplies	0.00	167.05	36002	0.00
15858	04/21/2021	2021-10	973085	21-358	AP004928	Maintenance Shop Supplies	0.00	64.13	36002	0.00
								\$1,033.78		\$0.00
PATT001 SPENCER J PATTERSON										
15806	04/13/2021	2021-09			AP004908	March KVFD	0.00	37.50	35987	0.00
15929	05/04/2021	2021-10			AP004960	April KVFD	0.00	37.50	36031	0.00
								\$75.00		\$0.00
PCS001 PROFESSIONAL COMPUTER SYSTEMS LLC										
15823	04/16/2021	2021-10	4034		AP004913	April Hosting Fees	0.00	578.00	36003	0.00
								\$578.00		\$0.00
PELL001 JOSEPH PELLERIN										
15898	04/29/2021	2021-11			AP004954	Housing Credit	0.00	480.00	36049	0.00
15904	04/29/2021	2021-11			AP004954	May Cell Phone	0.00	35.00	36049	0.00
								\$515.00		\$0.00
PERS001 PUBLIC EMPLOYEES RETIREMENT SYSTEM										
15879	04/26/2021	2021-10	1000000163596		AP004946	PPE 4/17/21 #100000016359636	0.00	6,882.86	8801267	0.00
15880	04/26/2021	2021-10	1000000163596		AP004946	PPE 4/17/21 #100000016359677	0.00	1,569.62	8801268	0.00
15843	04/19/2021	2021-10	1000000163596		AP004921	PPE 4/3/21 #100000016359613	0.00	6,816.02	8801258	0.00
15844	04/19/2021	2021-10	1000000163596		AP004921	PPE 4/3/21 #100000016359657	0.00	1,490.32	8801259	0.00
								\$16,758.82		\$0.00

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PFEI001	AMIE PFEIFFER									
15897	04/29/2021	2021-11			AP004954	Housing Credit	0.00	480.00	36050	0.00
					PFEI001	AMIE PFEIFFER		\$480.00		\$0.00
POST002	JOHN POST									
15805	04/13/2021	2021-09			AP004908	March KVFD	0.00	670.00	35988	0.00
15928	05/04/2021	2021-10			AP004960	April KVFD	0.00	450.00	36032	0.00
					POST002	JOHN POST		\$1,120.00		\$0.00
QUAD001	QUADIANT LEASING USA, INC.									
15867	04/22/2021	2021-10	N8838520		AP004930	Postage/Folding Machine Lease	0.00	182.90	36051	0.00
					QUAD001	QUADIANT LEASING USA, INC.		\$182.90		\$0.00
QUAD002	QUADIANT FINANCE USA, INC.									
15854	04/21/2021	2021-10	4064		AP004927	Postage	0.00	500.00	36004	0.00
					QUAD002	QUADIANT FINANCE USA, INC.		\$500.00		\$0.00
REMO001	REMOTE SATELLITE SYSTEMS INT'L									
15822	04/16/2021	2021-10	00112069		AP004913	Satellite Phone	0.00	56.00	36005	0.00
					REMO001	REMOTE SATELLITE SYSTEMS INT'L		\$56.00		\$0.00
REPU001	FORWARD, INC.									
15834	04/19/2021	2021-10	4204-000057416		AP004919	Sludge Disposal 4/14/21	0.00	688.26	36006	0.00
					REPU001	FORWARD, INC.		\$688.26		\$0.00
SENS001	SENSUS USA INC.									
15917	05/04/2021	2021-11	ZA21008020		AP004959	Sensus Analytics - RNI Setup	0.00	6,365.00	36052	0.00
					SENS001	SENSUS USA INC.		\$6,365.00		\$0.00

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SHEL001	SHELL ENERGY NORTH AMERICA (US), L.P.									
15749	03/29/2021	2021-09	2020 12 T+55		AP004881	Credit Memo - December 2020	0.00	(52.66)	8801256	0.00
15808	04/15/2021	2021-09	03.2021 T+9B		AP004910	March 2021 Purchased Power	0.00	64,677.17	8801256	0.00
15852	04/21/2021	2021-10	2597791		AP004926	Shell Renewable Energy Credits	0.00	102,020.00	8801257	0.00
SHEL001 SHELL ENERGY NORTH AMERICA (US), L.P.								\$166,644.51		\$0.00
SM34001	SUN MEADOWS THREE AND FOUR COA									
15884	04/27/2021	2021-10	66772		AP004952	Late Fee	0.00	54.00	36053	0.00
15876	04/26/2021	2021-11	66772		AP004944	HOA Dues	0.00	540.00	36021	0.00
SM34001 SUN MEADOWS THREE AND FOUR COA								\$594.00		\$0.00
STAP002	STAPLES CREDIT PLAN									
15829	04/16/2021	2021-10	9830998680	21-370	AP004913	Office Supplies	0.00	82.64	36007	0.00
15919	05/04/2021	2021-11	9904599664	21-397	AP004959	Office Supplies	0.00	41.89	36054	0.00
STAP002 STAPLES CREDIT PLAN								\$124.53		\$0.00
SWRC001	STATE WATER RESOURCES CONTROL BOARD									
15892	04/29/2021	2021-10		21-383	AP004953	G3 WWTP Operator Certification - B.Bruzzese	0.00	170.00	36055	0.00
SWRC001 STATE WATER RESOURCES CONTROL BOARD								\$170.00		\$0.00
TAYL001	SCOTT TAYLOR									
15930	05/04/2021	2021-10			AP004960	April KVFD	0.00	90.00	36033	0.00
TAYL001 SCOTT TAYLOR								\$90.00		\$0.00
THAT001	THATCHER COMPANY									
15812	04/15/2021	2021-09	5066082	21-321	AP004910	Chlorine & Caustic Soda	0.00	6,059.35	36008	0.00
THAT001 THATCHER COMPANY								\$6,059.35		\$0.00

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UNIO001 MUFG, UNION BANK, N.A.										
15911	05/04/2021	2021-10	1264244		AP004958	COP Administration Fees	0.00	1,905.00	36056	0.00
								\$1,905.00		\$0.00
UNIO001 MUFG, UNION BANK, N.A.										
USPS001 UNITED STATES POSTAL SERVICE										
15853	04/21/2021	2021-10		21-385	AP004927	Postage Machine #79987406	0.00	1,000.00	36009	0.00
								\$1,000.00		\$0.00
USPS001 UNITED STATES POSTAL SERVICE										
VOLC001 VOLCANO COMMUNICATION GROUP										
15890	04/29/2021	2021-11			AP004954	KVFD 209-258-8407	0.00	100.72	36057	0.00
15891	04/29/2021	2021-11			AP004954	CSB 209-258-4444	0.00	1,561.27	36057	0.00
								\$1,661.99		\$0.00
VOLC001 VOLCANO COMMUNICATION GROUP										
WADD001 DAVID WADDLE										
15903	04/29/2021	2021-11			AP004954	May Cell Phone	0.00	35.00	36058	0.00
								\$35.00		\$0.00
WADD001 DAVID WADDLE										
WELL001 WELLS FARGO EQUIPMENT FINANCE										
15831	04/19/2021	2021-10	5014500814		AP004914	Trackless Loan Payment	0.00	3,047.28	8801251	0.00
								\$3,047.28		\$0.00
WELL001 WELLS FARGO EQUIPMENT FINANCE										

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WETL001	WESTERN ENVIRONMENTAL TESTING LABORATORY									
15815	04/15/2021	2021-09	131259		AP004910	3/2/21 / #21030094	0.00	109.00	36022	0.00
15816	04/15/2021	2021-09	131260		AP004910	3/2/21 / #21030095	0.00	52.00	36022	0.00
15817	04/15/2021	2021-09	131263		AP004910	3/2/21 / #21030104	0.00	296.00	36022	0.00
15818	04/15/2021	2021-09	131294		AP004910	3/9/21 / #21030360	0.00	123.00	36022	0.00
15819	04/15/2021	2021-09	131295		AP004910	3/9/21 / #21030361	0.00	79.00	36022	0.00
15820	04/15/2021	2021-09	131582		AP004910	3/30/21 / #21030880	0.00	123.00	36022	0.00
15821	04/15/2021	2021-09	131583		AP004910	3/30/21 / #21030881	0.00	79.00	36022	0.00
15830	04/16/2021	2021-10	131693		AP004913	4/6/21 / #21040186	0.00	296.00	36059	0.00
15868	04/22/2021	2021-10	131879		AP004930	4/6/21 / #21040177	0.00	109.00	36059	0.00
15887	04/27/2021	2021-10	131967		AP004952	4/15/21 / #21040559	0.00	133.00	36059	0.00
15888	04/27/2021	2021-10	131968		AP004952	4/15/21 / #21040560	0.00	79.00	36059	0.00
15889	04/29/2021	2021-10	132045		AP004953	4/20/21 / #21040671	0.00	91.00	36059	0.00
15914	05/04/2021	2021-10	132095		AP004958	4/20/21 / #21040672	0.00	111.00	36059	0.00
15915	05/04/2021	2021-10	132274		AP004958	4/15/21 / #21040557	0.00	1,387.00	36059	0.00
15916	05/04/2021	2021-10	132276		AP004958	4/15/21 / #21040558	0.00	475.00	36059	0.00
WETL001 WESTERN ENVIRONMENTAL TESTING LABORATO								\$3,542.00		\$0.00
WIRE001	WIRED SOLUTIONS									
15824	04/16/2021	2021-10	300132		AP004913	April IT Services	0.00	3,000.00	36010	0.00
15825	04/16/2021	2021-10	300146		AP004913	Cloud Server/Microsoft 365	0.00	373.00	36010	0.00
WIRE001 WIRED SOLUTIONS								\$3,373.00		\$0.00
YANC001	ARYN YANCHER									
15807	04/13/2021	2021-09			AP004908	March KVFD	0.00	360.00	35989	0.00
15931	05/04/2021	2021-10			AP004960	April KVFD	0.00	170.00	36034	0.00
YANC001 ARYN YANCHER								\$530.00		\$0.00
ZORO001	ZORO TOOLS, INC.									
15814	04/15/2021	2021-09	INV9324509	21-349	AP004910	Gloves	0.00	227.28	36011	0.00
ZORO001 ZORO TOOLS, INC.								\$227.28		\$0.00

AP - Vouchers

<u>DocNbr</u>	<u>TranDate</u>	<u>PeriodPost</u>	<u>InvNbr</u>	<u>PONbr</u>	<u>BatchID</u>	<u>Description</u>	<u>DiscAmt</u>	<u>Amount</u>	<u>Paid Chk #</u>	<u>Doc Balance</u>
ZZ000143	THOR RAMLETH									
15793	04/12/2021	2021-10			AP004907	CREDIT REFUNDS - 14693 155 SORREL CT LOT 70	0.00	763.01	36012	0.00
ZZ000143 THOR RAMLETH								\$763.01		\$0.00
ZZ000144	SARA ELLIOT									
15794	04/12/2021	2021-10			AP004907	CREDIT REFUNDS - 21247 39 PALISADES DR #213	0.00	89.36	36013	0.00
ZZ000144 SARA ELLIOT								\$89.36		\$0.00
All Vendors Report Total								\$ 350,038.39		

Database: Insight Production

Report: D:\Program Files\PCS\Insight Accounting\InstalledReports\AP-Vouchers.rpt

Parameters: ({APDoc.DocNbr} in [15931, 15930, 15929, 15928, 15927, 15926, 15925, 15924, 15923, 15922, 15921, 15920, 15919, 15918, 15917, 15916, 15915, 15914, 15913, 15911, 15909, 15908, 15905, 15904, 15903, 15902, 15901, 15900, 15899, 15898, 15897, 15896, 15895, 15894, 15893, 15892, 15891, 15890, 15889, 15888, 15887, 15886, 15885, 15884, 15883, 15882, 15881, 15880, 15879, 15878, 15877, 15876, 15875, 15874, 15873, 15872, 15871, 15870, 15869, 15868, 15867, 15866, 15865, 15864, 15863, 15862, 15861, 15860, 15859, 15858, 15857, 15856, 15855, 15854, 15853, 15852, 15851, 15850, 15848, 15847, 15845, 15844, 15843, 15841, 15840, 15839, 15838, 15837, 15836, 15835, 15834, 15833, 15832, 15831, 15830, 15829, 15828, 15827, 15826, 15825, 15824, 15823, 15822, 15821, 15820, 15819, 15818, 15817, 15816, 15815, 15814, 15813, 15812, 15811, 15810, 15809, 15808, 15807, 15806, 15805, 15804, 15803, 15802, 15801, 15800, 15799, 15798, 15797, 15796, 15795, 15794, 15793, 15792, 15749])

BOTW001 **BANK OF THE WEST**

<u>Doc Nbr</u>	<u>Inv Date</u>	<u>Inv #</u>	<u>Inv Description</u>	<u>PO #</u>	<u>Doc Type</u>	<u>Date Paid</u>	<u>Pd w/ Chk#</u>	<u>DiscAmt</u>	<u>Amount</u>
15832	03/28/2021		KMPUD BOTW Mastercard		VO	04/19/2021	8801252	0.00	\$8,074.22

<u>Fund</u>	<u>Sect</u>	<u>GLAcct</u>	<u>Alloc%</u>	<u>WOID</u>	<u>WOCat</u>	<u>ProjectID</u>	<u>TaskID</u>	<u>TR</u>	<u>Exp Cd</u>	<u>Description</u>	<u>Taxabl</u>	<u>1099</u>	<u>DrAmt</u>	<u>CrAmt</u>
01	0	14399	0.00							Frontstream - Summer Festival Auction	N	N	500.00	0.00
01	1	92105	0.00							Mailchimp	N	N	30.49	0.00
01	1	92105	0.00							Rackspace - Report Server	N	N	438.57	0.00
01	1	92105	0.00							Box, Inc.	N	N	50.00	0.00
01	1	92120	0.00							Twilio	N	N	20.20	0.00
01	1	92100	0.00							AT&T - Samsung Galaxy & Unlimited Plan	N	N	415.88	0.00
20	0	92300	0.00							Indeed- W/WWTP Operator Job Posting	N	N	28.05	0.00
10	0	92690	0.00							AWWA - Operator Symposium - Dornbrook & B	N	N	275.00	0.00
20	0	92690	0.00							AWWA - Operator Symposium - Dornbrook & B	N	N	275.00	0.00
01	1	92690	0.00							AWWA - Cybersecurity Webinar - B.Benson	N	N	20.00	0.00
20	0	92690	0.00							AWWA - AWIA Compliance Webinar - D.Dornbr	N	N	25.00	0.00
01	2	62020	0.00							OSI Batterires - Suction Unit Battery	N	N	134.71	0.00
01	1	92105	0.00							Best Buy - Phone Chargers	N	N	62.16	0.00
01	1	92690	0.00							UGA - Gov Accounting II - K.McBride	N	N	499.00	0.00
01	1	92690	0.00							UGA - Gov Accounting II - A.Pfeiffer	N	N	499.00	0.00
01	0	14399	0.00							AED SS - Pedi & Adult Pads, AED Battery	N	N	970.61	0.00
40	0	62020	0.00							Refridgerator Door - TM #225	N	N	73.37	0.00
20	0	92690	0.00							Sac St - OWTP Manual & Enrollment - C.Hostnik	N	N	187.53	0.00
01	0	14399	0.00							Motorola Pagers, Chargers & Batteries - Fire Dept	Y	N	1,481.04	0.00
01	1	62020	0.00							Motorola Pager - On Call Spare	Y	N	468.68	0.00
01	1	92100	0.00							Amazon - Wall Clock	N	N	32.13	0.00
01	1	92100	0.00							Amazon - Classification Folders	N	N	43.96	0.00
01	1	92100	0.00							Amazon - Office Food	N	N	77.16	0.00
10	0	62020	0.00							Ind. Safety - Cables - Water Tank Fall Protection	Y	N	840.84	0.00
01	1	92100	0.00							Canon Financial - Copier Lease - March 2021	N	N	402.19	0.00
01	0	14399	0.00							Canon Financial - Copier Lease - April 2021	N	N	402.19	0.00
01	1	92100	0.00							PCS - Correcting Tarik's 2020 W-2	N	N	10.10	0.00
10	0	23210	0.00							KMPUD BOTW Mastercard	N	N	0.00	1,059.00
01	0	23210	0.00							KMPUD BOTW Mastercard	N	N	0.00	6,426.27
40	0	23210	0.00							KMPUD BOTW Mastercard	N	N	0.00	73.37
20	0	23210	0.00							KMPUD BOTW Mastercard	N	N	0.00	515.58
01	0	23215	0.00							BOE Use Tax	N	N	0.00	131.80
10	0	23215	0.00							BOE Use Tax	N	N	0.00	56.84

Voucher #	15832	Total	8,262.86	8,262.86
Batch	AP004916	Total	\$8,262.86	\$8,262.86
Batch	AP004916	Documents Total	\$8,074.22	26

Consent for Claims
May 8, 2021

Mello Roos Administration	\$3,858
Mello Roos Trust Refund	\$14,634
OPERATING COSTS	\$331,547
TOTAL	\$350,038

There are currently 0 locked off accounts.							
Acct	Current	Past Due 1-30	Past Due 31-60	Past Due 61-90	Past Due Over 90	Total Balance	Last Payment Date
10053	311.47	22.00	0.00	0.00	0.00	333.47	5/3/2021
10139	792.80	1,280.80	0.00	0.00	0.00	2,073.60	3/8/2021
10231	1,312.01	1,784.22	0.00	0.00	0.00	3,096.23	3/10/2021
10573	484.40	611.55	555.10	613.15	0.00	2,264.20	1/8/2021
10720	275.18	402.68	33.00	0.00	0.00	710.86	3/24/2021
11105	322.49	546.40	0.00	0.00	0.00	868.89	3/15/2021
11330	255.59	263.33	0.00	0.00	0.00	518.92	3/15/2021
11441	295.53	1,708.38	0.00	0.00	0.00	2,003.91	3/9/2021
11463	194.61	248.71	0.00	0.00	0.00	443.32	3/29/2021
11583	619.57	1,007.01	0.00	0.00	0.00	1,626.58	3/18/2021
12035	506.61	766.10	0.00	0.00	0.00	1,272.71	3/22/2021
12495	670.21	1,045.49	0.00	0.00	0.00	1,715.70	3/24/2021
12635	445.19	808.92	0.00	0.00	0.00	1,254.11	3/18/2021
12715	720.69	1,083.54	0.00	0.00	0.00	1,804.23	3/25/2021
13372	390.52	794.34	764.88	0.00	0.00	1,949.74	4/26/2021
13769	274.65	643.23	0.00	0.00	0.00	917.88	3/29/2021
13823	354.06	441.90	0.00	0.00	0.00	795.96	3/18/2021
14002	1,352.98	2,675.78	0.00	0.00	0.00	4,028.76	3/16/2021
14179	252.63	276.72	0.00	0.00	0.00	529.35	3/29/2021
14182	212.72	278.07	24.80	0.00	0.00	515.59	4/7/2021
14582	275.99	376.73	0.00	0.00	0.00	652.72	3/29/2021
15110	451.22	880.18	72.25	0.00	0.00	1,403.65	4/14/2021
15265	40.18	47.81	0.00	0.00	0.00	87.99	3/12/2021
15770	1,319.39	1,482.76	25.60	0.00	0.00	2,827.75	4/19/2021
15932	318.45	610.48	0.00	0.00	0.00	928.93	3/30/2021
16508	553.12	721.29	0.00	0.00	0.00	1,274.41	3/26/2021
16555	57.25	54.63	0.00	0.00	0.00	111.88	3/29/2021
16564	62.66	62.66	0.00	0.00	0.00	125.32	3/29/2021
16577	148.47	148.47	0.00	0.00	0.00	296.94	3/29/2021
16600	313.80	45.85	0.00	0.00	0.00	359.65	4/28/2021
16708	394.37	942.53	271.12	0.00	0.00	1,608.02	4/2/2021
17807	392.84	299.21	0.00	0.00	0.00	692.05	4/30/2021
18775	537.38	899.16	74.21	0.00	0.00	1,510.75	3/30/2021
19150	729.79	1,052.49	0.00	0.00	0.00	1,782.28	3/18/2021
19227	144.48	150.62	0.00	0.00	0.00	295.10	4/5/2021
19350	941.18	1,239.00	0.00	0.00	0.00	2,180.18	3/18/2021
19550	373.02	129.76	0.00	0.00	0.00	502.78	4/16/2021
19852	235.00	384.77	269.32	90.69	0.00	979.78	1/4/2021
20037	330.05	637.93	0.00	0.00	0.00	967.98	3/30/2021
20960	176.27	237.96	0.00	0.00	0.00	414.23	3/16/2021
21203	157.80	10.00	0.00	0.00	0.00	167.80	5/3/2021
21370	150.92	17.62	0.00	0.00	0.00	168.54	4/16/2021
21450	199.70	146.66	0.00	0.00	0.00	346.36	5/27/2020
21583	817.30	856.33	0.00	0.00	0.00	1,673.63	3/19/2021
21701	349.22	739.86	0.00	0.00	0.00		

<u>Acct</u>	<u>1 to 30</u>	<u>31 to 60</u>	<u>61 to 90</u>	<u>Over 90</u>	<u>NOTES</u>
					28
TOTALS	0.00	0.00	0.00	0.00	

Balance Sheet - Consolidated

March 31, 2021

	Actual <u>March, 2021</u>	Budget <u>March, 2021</u>	<u>Variance</u>
<u>ASSETS</u>			
Current Assets - Funds			
Total Operating	3,090,798.66	2,216,353.00	874,445.66
Total KVFD Reserve	150,293.89	130,280.00	20,013.89
Total Restricted	671,849.72	540,816.00	131,033.72
Total Capital Reserve	491,179.36	439,808.00	51,371.36
Total COP Reserve Fund	172,500.00	224,160.00	(51,660.00)
Total Current Assets - Funds	4,576,621.63	3,551,417.00	1,025,204.63
Current Assets - Other			
Total Accounts Receivable, net	1,231,748.58	1,314,360.00	(82,611.42)
Total Materials & Supplies	247,834.97	226,000.00	21,834.97
Total Prepaid Expenses	148,380.43	120,000.00	28,380.43
Total Current Assets - Other	1,627,963.98	1,660,360.00	(32,396.02)
Capital Assets			
Total Buildings	12,908,128.65	12,905,070.00	3,058.65
Total Generation Equipment	16,905,361.28	16,763,383.00	141,978.28
Total Intangible Assets	15,854,083.31	15,854,083.00	0.31
Total General Plant & Other	43,177,086.11	43,285,383.00	(108,296.89)
Total Construction in Progress	225,839.16	168,978.00	56,861.16
Total Less: Accumulated Depreciation	(26,853,551.24)	(26,706,060.00)	(147,491.24)
Total Capital Assets	62,216,947.27	62,270,837.00	(53,889.73)
Non-Current Assets			
Total Capitalized Interest Bond Proceeds	0.00	0.00	0.00
Total Restricted Funds	0.00	0.00	0.00
Total Unamortized Debt Expenses, net	4,449,257.05	4,431,842.00	17,415.05
Total Other Non-Current Assets	0.00	0.00	0.00
Total Non-Current Assets	4,449,257.05	4,431,842.00	17,415.05
Deferred Outflows			
Total Deferred Outflows	597,119.98	0.00	597,119.98
Total Deferred Outflows	597,119.98	0.00	597,119.98
Total Assets	72,870,789.93	71,914,456.00	956,333.93
Total Assets and Deferred Outflows	73,467,909.91	71,914,456.00	1,553,453.91
<u>LIABILITIES</u>			
Current Liabilities			
Total Accounts Payable	113,591.23	378,923.00	(265,331.77)
Total Accrued Interest Payable	130,640.15	0.00	130,640.15
Total Customer Deposits	30,168.75	0.00	30,168.75
Total Current Portion of Long-Term Debt	333,925.59	335,118.00	(1,192.41)
Total Other Current Liabilities	795,044.58	567,050.00	227,994.58
Total Current Liabilities	1,403,370.30	1,281,091.00	122,279.30
Non-Current Liabilities			
Total Long-term Debt, less Current Portion	54,285,514.12	54,264,006.00	21,508.12
Total Installment Loans	2,456,502.10	2,213,570.00	242,932.10
Total Unearned Revenues	145,700.00	161,940.00	(16,240.00)
Total Net Pension Liability	939,819.00	939,819.00	0.00
Total Cushion of Credit	0.00	(97,445.00)	97,445.00
Total Net OPEB Liability	1,579,731.00	1,579,731.00	0.00

Balance Sheet - Consolidated

March 31, 2021

	Actual <u>March, 2021</u>	Budget <u>March, 2021</u>	<u>Variance</u>
Total Non-Current Liabilities	59,407,266.22	59,061,621.00	345,645.22
Deferred Inflows			
Total Deferred Inflows	62,687.99	0.00	62,687.99
Total Deferred Inflows	62,687.99	0.00	62,687.99
Total Liabilities	60,810,636.52	60,342,712.00	467,924.52
Total Liabilities and Deferred Inflows	60,873,324.51	60,342,712.00	530,612.51
<u>EQUITY</u>			
Net Assets			
Total Restricted for Debt Service	0.00	0.00	0.00
Total Unrestricted	12,597,494.63	11,571,744.00	1,025,750.63
Total Net Assets	12,597,494.63	11,571,744.00	1,025,750.63
Total Equity	12,597,494.63	11,571,744.00	1,025,750.63
Total Liabilities, Deferred Inflows, and Equity	73,470,819.14	71,914,456.00	1,556,363.14

Database: Insight Production	Report: D:\Homedir\PCS\Reports\ClientCustom\Calendar Combined Balance.rpt
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Balance Sheet - Consolidated

March 31, 2021

			Actual	Budget	
			<u>March, 2021</u>	<u>March, 2021</u>	<u>Variance</u>
<u>ASSETS</u>					
Current Assets - Funds					
01	0	13180	G&A, Fire & Parks 262,300.86	2,216,353.00	(1,954,052.14)
02	0	13180	0.00	0.00	0.00
10	0	13180	Water 9,277.47	0.00	9,277.47
20	0	13180	Wastewater 160,029.41	0.00	160,029.41
40	0	13180	Employee Housing (48,093.46)	0.00	(48,093.46)
50	0	13180	Electric 1,101,811.76	0.00	1,101,811.76
60	0	13180	Cable 4,992.33	0.00	4,992.33
70	0	13180	Snow Removal 160,001.14	0.00	160,001.14
80	0	13180	Propane 181,621.24	0.00	181,621.24
90	0	13180	Solid Waste (52,246.35)	0.00	(52,246.35)
13180	Cash - BOTW Revenue Account		1,779,694.40	2,216,353.00	(436,658.60)
Total Operating			1,779,694.40	2,216,353.00	(436,658.60)
Total Current Assets - Funds			1,779,694.40	2,216,353.00	(436,658.60)
Total Assets			1,779,694.40	2,216,353.00	(436,658.60)
Total Assets and Deferred Outflows			1,779,694.40	2,216,353.00	(436,658.60)
Total Liabilities, Deferred Inflows, and Equity			0.00	0.00	0.00

Database: Insight Production	Report: D:\Homedir\PCS\Reports\ClientCustom\Calendar Combined Balance.rpt
Parameters: {GIAcct.AcctType} in ["A", "L", "Q"] and	Last Modified: 10/13/2017
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Budget Income Statement - Combined

March 31, 2021

	-----Month Totals-----				-----Year to Date Totals-----			
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent
Commercial	509,416.91	418,942.00	90,474.91	21.60%	2,979,020.16	3,087,216.00	(108,195.84)	-3.50%
Residential	312,786.63	329,267.00	(16,480.37)	-5.01%	2,097,443.16	2,027,957.00	69,486.16	3.43%
KMPUD Internal Usage	16,905.51	12,207.00	4,698.51	38.49%	88,446.60	61,035.00	27,411.60	44.91%
Other	93,417.07	96,225.00	(2,807.93)	-2.92%	638,266.34	621,795.00	16,471.34	2.65%
Property Taxes	70,200.00	70,200.00	0.00	0.00%	631,800.00	631,800.00	0.00	0.00%
Base Rates	112,364.50	121,391.00	(9,026.50)	-7.44%	1,011,712.64	1,092,519.00	(80,806.36)	-7.40%
Other Sales to Public Authorities	63,418.97	107,937.00	(44,518.03)	-41.24%	467,687.07	555,829.00	(88,141.93)	-15.86%
Meter Charges	6,067.81	6,675.00	(607.19)	-9.10%	58,710.48	60,075.00	(1,364.52)	-2.27%
Operating Revenues	1,184,577.40	1,162,844.00	21,733.40	1.87%	7,973,086.45	8,138,226.00	(165,139.55)	-2.03%
Cost of Goods Sold	208,490.83	198,248.00	10,242.83	5.17%	1,147,030.83	1,241,554.00	(94,523.17)	-7.61%
Salaries and Wages	112,109.14	120,952.00	(8,842.86)	-7.31%	974,321.80	1,076,609.00	(102,287.20)	-9.50%
Payroll Taxes & EE Benefits	71,872.99	73,382.00	(1,509.01)	-2.06%	620,608.90	639,099.00	(18,490.10)	-2.89%
Operations & Maintenance	79,738.73	75,847.00	3,891.73	5.13%	620,157.88	732,236.00	(112,078.12)	-15.31%
Contract Services	2,194.50	6,150.00	(3,955.50)	-64.32%	122,609.03	101,200.00	21,409.03	21.16%
Operating Expenses	42,176.67	53,089.00	(10,912.33)	-20.55%	358,655.87	426,417.00	(67,761.13)	-15.89%
Board of Directors	11,814.01	12,353.00	(538.99)	-4.36%	110,311.57	111,174.00	(862.43)	-0.78%
Depreciation	177,711.58	181,582.00	(3,870.42)	-2.13%	1,600,989.95	1,634,238.00	(33,248.05)	-2.03%
G & A Allocations	0.00	0.00	0.00	na	0.00	(5.00)	5.00	-100.00%
Internal Allocations	54,713.60	91,639.00	(36,925.40)	-40.29%	369,704.17	601,450.00	(231,745.83)	-38.53%
Operating Expenses	760,822.05	813,242.00	(52,419.95)	-6.45%	5,924,390.00	6,563,972.00	(639,582.00)	-9.74%
Total Operating	423,755.35	349,602.00	74,153.35	21.21%	2,048,696.45	1,574,254.00	474,442.45	30.14%
Investment Income	941.77	1,500.00	(558.23)	-37.22%	12,542.70	20,450.00	(7,907.30)	-38.67%
Other	25.00	0.00	25.00	na	52,166.24	0.00	52,166.24	na
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Revenues	966.77	1,500.00	(533.23)	-35.55%	64,708.94	20,450.00	44,258.94	216.43%
Interest Expense	291,372.33	147,257.00	144,115.33	97.87%	1,484,854.09	1,353,633.00	131,221.09	9.69%
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Amortization	35,758.33	36,200.00	(441.67)	-1.22%	321,825.05	325,800.00	(3,974.95)	-1.22%
Non-Operating Expenses	327,130.66	183,457.00	143,673.66	78.31%	1,806,679.14	1,679,433.00	127,246.14	7.58%
GASB 68 Pension Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 75 OPEB Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 68 & 75 Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Total Non-Operating	(326,163.89)	(181,957.00)	(144,206.89)	-79.25%	(1,741,970.20)	(1,658,983.00)	(82,987.20)	-5.00%
	97,591.46	167,645.00	(70,053.54)	-41.79%	306,726.25	(84,729.00)	391,455.25	462.01%

**YTD Total
Revenues down
from plan by
\$165,140.**

**YTD total
operating up
from plan by
\$474,422.**

Budget Income Statement - General Fund

	-----Month Totals-----				-----Year to Date Totals-----			
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent
March 31, 2021								
1 - General & Admin								
Other	197.58	0.00	197.58	na	1,823.11	0.00	1,823.11	na
Property Taxes	70,200.00	70,200.00	0.00	0.00%	631,800.00	631,800.00	0.00	0.00%
Operating Revenues	70,397.58	70,200.00	197.58	0.28%	633,623.11	631,800.00	1,823.11	0.29%
Salaries and Wages	42,588.72	47,914.00	(5,325.28)	-11.11%	384,875.20	458,063.00	(73,187.80)	-15.98%
Payroll Taxes & EE Benefits	36,594.24	39,852.00	(3,257.76)	-8.17%	362,981.13	363,231.00	(249.87)	-0.07%
Operations & Maintenance	4,542.72	3,500.00	1,042.72	29.79%	28,156.86	28,178.00	(21.14)	-0.08%
Contract Services	0.00	3,000.00	(3,000.00)	-100.00%	69,261.05	64,350.00	4,911.05	7.63%
Operating Expenses	34,595.92	43,739.00	(9,143.08)	-20.90%	300,431.18	349,267.00	(48,835.82)	-13.98%
Board of Directors	11,814.01	12,353.00	(538.99)	-4.36%	110,311.57	111,174.00	(862.43)	-0.78%
G & A Allocations	(130,135.61)	(150,359.00)	20,223.39	-13.45%	(1,254,391.47)	(1,374,276.00)	119,884.53	-8.72%
Operating Expenses	0.00	(1.00)	1.00	-100.00%	1,625.52	(13.00)	1,638.52	-12,604.00%
Total Operating	70,397.58	70,201.00	196.58	0.28%	631,997.59	631,813.00	184.59	0.03%
Investment Income	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Interest Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Amortization	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Expenses	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Total Non-Operating	0.00	0.00	0.00	na	0.00	0.00	0.00	na
NET INCOME (LOSS)	70,397.58	70,201.00	196.58	0.28%	631,997.59	631,813.00	184.59	0.03%

Budget Income Statement - General Fund

	-----Month Totals-----				-----Year to Date Totals-----			
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent
March 31, 2021								
2 - Fire Department								
Other	5,436.70	5,500.00	(63.30)	-1.15%	54,274.97	50,500.00	3,774.97	7.48%
Operating Revenues	5,436.70	5,500.00	(63.30)	-1.15%	54,274.97	50,500.00	3,774.97	7.48%
Salaries and Wages	632.52	71.00	561.52	790.87%	5,753.27	639.00	5,114.27	800.36%
Payroll Taxes & EE Benefits	345.85	46.00	299.85	651.85%	3,648.66	413.00	3,235.66	783.45%
Operations & Maintenance	4,028.96	4,550.00	(521.04)	-11.45%	44,374.39	42,950.00	1,424.39	3.32%
Contract Services	0.00	0.00	0.00	na	277.50	0.00	277.50	na
Operating Expenses	100.52	700.00	(599.48)	-85.64%	2,547.46	6,300.00	(3,752.54)	-59.56%
Depreciation	3,343.09	3,200.00	143.09	4.47%	30,087.89	28,800.00	1,287.89	4.47%
G & A Allocations	10,801.25	12,479.00	(1,677.75)	-13.44%	104,114.45	114,062.00	(9,947.55)	-8.72%
Internal Allocations	2,479.51	2,441.00	38.51	1.58%	12,628.89	12,205.00	423.89	3.47%
Operating Expenses	21,731.70	23,487.00	(1,755.30)	-7.47%	203,432.51	205,369.00	(1,936.49)	-0.94%
Total Operating	(16,295.00)	(17,987.00)	1,692.00	-9.41%	(149,157.54)	(154,869.00)	5,711.46	-3.69%
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Interest Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Amortization	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Expenses	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Total Non-Operating	0.00	0.00	0.00	na	0.00	0.00	0.00	na
NET INCOME (LOSS)	(16,295.00)	(17,987.00)	1,692.00	-9.41%	(149,157.54)	(154,869.00)	5,711.46	-3.69%

Budget Income Statement - General Fund

	-----Month Totals-----				-----Year to Date Totals-----			
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent
March 31, 2021								
<u>3 - Parks & Recreation</u>								
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Operating Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Salaries and Wages	0.00	0.00	0.00	na	2,500.92	3,251.00	(750.08)	-23.07%
Payroll Taxes & EE Benefits	0.59	0.00	0.59	na	343.27	2,186.00	(1,842.73)	-84.30%
Operations & Maintenance	0.00	0.00	0.00	na	0.00	900.00	(900.00)	-100.00%
Operating Expenses	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Depreciation	0.00	315.00	(315.00)	-100.00%	0.00	2,835.00	(2,835.00)	-100.00%
G & A Allocations	1,301.36	1,504.00	(202.64)	-13.47%	12,543.92	13,744.00	(1,200.08)	-8.73%
Internal Allocations	4.52	0.00	4.52	na	50.47	0.00	50.47	na
Operating Expenses	1,306.47	1,819.00	(512.53)	-28.18%	15,438.58	22,916.00	(7,477.42)	-32.63%
Total Operating	(1,306.47)	(1,819.00)	512.53	-28.18%	(15,438.58)	(22,916.00)	7,477.42	-32.63%
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Interest Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Amortization	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Expenses	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Total Non-Operating	0.00	0.00	0.00	na	0.00	0.00	0.00	na
NET INCOME (LOSS)	(1,306.47)	(1,819.00)	512.53	-28.18%	(15,438.58)	(22,916.00)	7,477.42	-32.63%

Budget Income Statement - Water Fund

March 31, 2021	-----Month Totals-----				-----Year to Date Totals-----			
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent
0 - Default								
Commercial	8,577.01	8,560.00	17.01	0.20%	53,722.79	65,050.00	(11,327.21)	-17.41%
Residential	11,971.81	8,910.00	3,061.81	34.36%	90,753.54	83,228.00	7,525.54	9.04%
KMPUD Internal Usage	41.06	0.00	41.06	na	401.80	0.00	401.80	na
Other	251.11	500.00	(248.89)	-49.78%	5,666.42	4,500.00	1,166.42	25.92%
Base Rates	36,092.55	36,045.00	47.55	0.13%	325,301.22	324,405.00	896.22	0.28%
Meter Charges	2,368.45	2,978.00	(609.55)	-20.47%	25,393.71	26,802.00	(1,408.29)	-5.25%
Operating Revenues	59,301.99	56,993.00	2,308.99	4.05%	501,239.48	503,985.00	(2,745.52)	-0.54%
Salaries and Wages	9,899.51	6,632.00	3,267.51	49.27%	60,880.07	63,794.00	(2,913.93)	-4.57%
Payroll Taxes & EE Benefits	5,899.79	4,209.00	1,690.79	40.17%	38,021.49	40,981.00	(2,959.51)	-7.22%
Operations & Maintenance	5,255.91	4,450.00	805.91	18.11%	11,071.25	34,050.00	(22,978.75)	-67.49%
Contract Services	405.00	1,600.00	(1,195.00)	-74.69%	11,845.66	14,400.00	(2,554.34)	-17.74%
Operating Expenses	1,691.75	1,400.00	291.75	20.84%	10,208.09	12,600.00	(2,391.91)	-18.98%
Depreciation	8,987.43	9,640.00	(652.57)	-6.77%	82,157.74	86,760.00	(4,602.26)	-5.30%
G & A Allocations	22,773.73	26,313.00	(3,539.27)	-13.45%	219,518.51	240,499.00	(20,980.49)	-8.72%
Internal Allocations	10,742.26	11,608.00	(865.74)	-7.46%	65,670.71	77,475.00	(11,804.29)	-15.24%
Operating Expenses	65,655.38	65,852.00	(196.62)	-0.30%	499,373.52	570,559.00	(71,185.48)	-12.48%
Total Operating	(6,353.39)	(8,859.00)	2,505.61	-28.28%	1,865.96	(66,574.00)	68,439.96	-102.80%
Investment Income	0.56	0.00	0.56	na	4.01	0.00	4.01	na
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Revenues	0.56	0.00	0.56	na	4.01	0.00	4.01	na
Interest Expense	1,603.64	859.00	744.64	86.69%	9,162.14	7,731.00	1,431.14	18.51%
Amortization	(79.82)	0.00	(79.82)	na	(718.38)	0.00	(718.38)	na
Non-Operating Expenses	1,523.82	859.00	664.82	77.39%	8,443.76	7,731.00	712.76	9.22%
GASB 68 Pension Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 75 OPEB Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 68 & 75 Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Total Non-Operating	(1,523.26)	(859.00)	(664.26)	77.33%	(8,439.75)	(7,731.00)	(708.75)	9.17%
NET INCOME (LOSS)	(7,876.65)	(9,718.00)	1,841.35	-18.95%	(6,573.79)	(74,305.00)	67,731.21	-91.15%

YTD total
operating up
from plan by
\$68,440.

Budget Income Statement - Waste Water Fund

March 31, 2021	-----Month Totals-----				-----Year to Date Totals-----			
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent
0 - Default								
Commercial	36,336.94	32,839.00	3,497.94	10.65%	171,196.05	233,974.00	(62,777.95)	-26.83%
Residential	32,737.16	25,374.00	7,363.16	29.02%	251,274.35	171,529.00	79,745.35	46.49%
KMPUD Internal Usage	77.41	0.00	77.41	na	789.88	0.00	789.88	na
Other	384.24	625.00	(240.76)	-38.52%	8,494.78	5,625.00	2,869.78	51.02%
Base Rates	55,368.34	65,093.00	(9,724.66)	-14.94%	498,177.17	585,837.00	(87,659.83)	-14.96%
Meter Charges	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Operating Revenues	124,904.09	123,931.00	973.09	0.79%	929,932.23	996,965.00	(67,032.77)	-6.72%
Salaries and Wages	11,955.77	12,500.00	(544.23)	-4.35%	95,726.47	123,258.00	(27,531.53)	-22.34%
Payroll Taxes & EE Benefits	5,750.73	8,433.00	(2,682.27)	-31.81%	53,221.35	83,707.00	(30,485.65)	-36.42%
Operations & Maintenance	10,378.21	8,850.00	1,528.21	17.27%	60,255.21	99,250.00	(38,994.79)	-39.29%
Contract Services	785.00	1,550.00	(765.00)	-49.35%	20,388.07	13,950.00	6,438.07	46.15%
Operating Expenses	2,181.61	2,450.00	(268.39)	-10.95%	19,803.84	22,050.00	(2,246.16)	-10.19%
Depreciation	25,262.79	25,700.00	(437.21)	-1.70%	229,732.15	231,300.00	(1,567.85)	-0.68%
G & A Allocations	22,773.73	26,313.00	(3,539.27)	-13.45%	219,518.51	240,500.00	(20,981.49)	-8.72%
Internal Allocations	29,598.07	65,576.00	(35,977.93)	-54.86%	232,819.30	444,496.00	(211,676.70)	-47.62%
Operating Expenses	108,685.91	151,372.00	(42,686.09)	-28.20%	931,464.90	1,258,511.00	(327,046.10)	-25.99%
Total Operating	16,218.18	(27,441.00)	43,659.18	-159.10%	(1,532.67)	(261,546.00)	260,013.33	-99.41%
Investment Income	0.84	0.00	0.84	na	5.74	0.00	5.74	na
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Revenues	0.84	0.00	0.84	na	5.74	0.00	5.74	na
Interest Expense	2,320.64	1,880.00	440.64	23.44%	13,258.57	16,920.00	(3,661.43)	-21.64%
Amortization	(115.24)	0.00	(115.24)	na	(1,037.16)	0.00	(1,037.16)	na
Non-Operating Expenses	2,205.40	1,880.00	325.40	17.31%	12,221.41	16,920.00	(4,698.59)	-27.77%
GASB 68 Pension Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 75 OPEB Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 68 & 75 Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Total Non-Operating	(2,204.56)	(1,880.00)	(324.56)	17.26%	(12,215.67)	(16,920.00)	4,704.33	-27.80%
NET INCOME (LOSS)	14,013.62	(29,321.00)	43,334.62	-147.79%	(13,748.34)	(278,466.00)	264,717.66	-95.06%

YTD total
operating up from
plan by \$260,013.

Budget Income Statement - Employee Housing Fund

March 31, 2021	-----Month Totals-----				-----Year to Date Totals-----			
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent
0 - Default								
Other	4,975.33	6,800.00	(1,824.67)	-26.83%	49,440.33	54,200.00	(4,759.67)	-8.78%
Operating Revenues	4,975.33	6,800.00	(1,824.67)	-26.83%	49,440.33	54,200.00	(4,759.67)	-8.78%
Salaries and Wages	1,065.11	382.00	683.11	178.82%	7,736.55	2,292.00	5,444.55	237.55%
Payroll Taxes & EE Benefits	671.15	242.00	429.15	177.33%	3,389.16	1,502.00	1,887.16	125.64%
Operations & Maintenance	2,166.44	2,000.00	166.44	8.32%	21,605.64	18,000.00	3,605.64	20.03%
Contract Services	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Operating Expenses	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Depreciation	4,736.43	4,740.00	(3.57)	-0.08%	42,627.92	42,660.00	(32.08)	-0.08%
G & A Allocations	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Internal Allocations	5,250.14	4,325.00	925.14	21.39%	25,660.17	26,485.00	(824.83)	-3.11%
Operating Expenses	13,889.27	11,689.00	2,200.27	18.82%	101,019.44	90,939.00	10,080.44	11.08%
Total Operating	(8,913.94)	(4,889.00)	(4,024.94)	82.33%	(51,579.11)	(36,739.00)	(14,840.11)	40.39%
Investment Income	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Interest Expense	1,197.96	1,300.00	(102.04)	-7.85%	11,914.69	11,700.00	214.69	1.83%
Amortization	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Expenses	1,197.96	1,300.00	(102.04)	-7.85%	11,914.69	11,700.00	214.69	1.83%
GASB 68 Pension Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 75 OPEB Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 68 & 75 Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Total Non-Operating	(1,197.96)	(1,300.00)	102.04	-7.85%	(11,914.69)	(11,700.00)	(214.69)	1.83%
NET INCOME (LOSS)	(10,111.90)	(6,189.00)	(3,922.90)	63.39%	(63,493.80)	(48,439.00)	(15,054.80)	31.08%

Budget Income Statement - Electricity Fund

March 31, 2021	Month Totals				Year to Date Totals			
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent
0 - Default								
Commercial	323,851.25	242,857.00	80,994.25	33.35%	2,120,513.18	2,008,035.00	112,478.18	5.60%
Residential	143,882.55	188,889.00	(45,006.45)	-23.83%	1,057,719.10	1,106,359.00	(48,639.90)	-4.40%
Other	705.17	1,000.00	(294.83)	-29.48%	16,081.21	9,000.00	7,081.21	78.68%
Base Rates	16,908.22	16,568.00	340.22	2.05%	152,269.03	149,112.00	3,157.03	2.12%
Other Sales to Public Authorities	63,418.97	107,937.00	(44,518.03)	-41.24%	467,687.07	555,829.00	(88,141.93)	-15.86%
Meter Charges	2,234.40	2,237.00	(2.60)	-0.12%	20,128.36	20,133.00	(4.64)	-0.02%
Operating Revenues	551,000.56	559,488.00	(8,487.44)	-1.52%	3,834,397.95	3,848,468.00	(14,070.05)	-0.37%
Cost of Goods Sold	59,634.93	71,322.00	(11,687.07)	-16.39%	469,250.82	511,839.00	(42,588.18)	-8.32%
Salaries and Wages	11,701.30	20,991.00	(9,289.70)	-44.26%	162,889.93	190,821.00	(27,931.07)	-14.64%
Payroll Taxes & EE Benefits	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Operations & Maintenance	24,260.13	37,937.00	(13,676.87)	-36.05%	246,779.80	307,458.00	(60,678.20)	-19.74%
Contract Services	1,004.50	0.00	1,004.50	na	12,289.25	8,500.00	3,789.25	44.58%
Operating Expenses	1,221.56	800.00	421.56	52.70%	11,696.79	7,200.00	4,496.79	62.46%
Depreciation	125,000.16	125,000.00	0.16	0.00%	1,123,637.70	1,125,000.00	(1,362.30)	-0.12%
G & A Allocations	26,807.94	30,974.00	(4,166.06)	-13.45%	258,404.65	283,100.00	(24,695.35)	-8.72%
Internal Allocations	3,710.13	4,069.00	(358.87)	-8.82%	16,337.84	20,345.00	(4,007.16)	-19.70%
Operating Expenses	253,340.65	291,093.00	(37,752.35)	-12.97%	2,301,286.78	2,454,263.00	(152,976.22)	-6.23%
Total Operating	297,659.91	268,395.00	29,264.91	10.90%	1,533,111.17	1,394,205.00	138,906.17	9.96%
Investment Income	938.97	1,500.00	(561.03)	-37.40%	12,523.04	20,450.00	(7,926.96)	-38.76%
Other	25.00	0.00	25.00	na	52,166.24	0.00	52,166.24	na
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Revenues	963.97	1,500.00	(536.03)	-35.74%	64,689.28	20,450.00	44,239.28	216.33%
Interest Expense	281,964.15	139,670.00	142,294.15	101.88%	1,425,193.13	1,285,350.00	139,843.13	10.88%
Amortization	36,159.19	36,200.00	(40.81)	-0.11%	325,432.79	325,800.00	(367.21)	-0.11%
Non-Operating Expenses	318,123.34	175,870.00	142,253.34	80.89%	1,750,625.92	1,611,150.00	139,475.92	8.66%
GASB 68 Pension Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 75 OPEB Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 68 & 75 Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Total Non-Operating	(317,159.37)	(174,370.00)	(142,789.37)	81.89%	(1,685,936.64)	(1,590,700.00)	(95,236.64)	5.99%
NET INCOME (LOSS)	(19,499.46)	94,025.00	(113,524.46)	-120.74%	(152,825.47)	(196,495.00)	43,669.53	-22.22%

YTD total
operating up from
plan by \$138,906.

Budget Income Statement - Cable TV Fund

	-----Month Totals-----				-----Year to Date Totals-----			
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent
March 31, 2021								
0 - Default								
Other	1,290.00	1,290.00	0.00	0.00%	11,610.00	11,610.00	0.00	0.00%
Operating Revenues	1,290.00	1,290.00	0.00	0.00%	11,610.00	11,610.00	0.00	0.00%
Salaries and Wages	0.00	0.00	0.00	na	401.98	0.00	401.98	na
Payroll Taxes & EE Benefits	0.00	0.00	0.00	na	265.23	0.00	265.23	na
Operations & Maintenance	0.00	320.00	(320.00)	-100.00%	0.00	2,880.00	(2,880.00)	-100.00%
Operating Expenses	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Depreciation	27.65	65.00	(37.35)	-57.46%	417.52	585.00	(167.48)	-28.63%
G & A Allocations	650.68	752.00	(101.32)	-13.47%	6,271.97	6,871.00	(599.03)	-8.72%
Internal Allocations	2.26	0.00	2.26	na	25.24	0.00	25.24	na
Operating Expenses	680.59	1,137.00	(456.41)	-40.14%	7,381.94	10,336.00	(2,954.06)	-28.58%
Total Operating	609.41	153.00	456.41	298.31%	4,228.06	1,274.00	2,954.06	231.87%
Investment Income	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Interest Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Amortization	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Expenses	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 68 Pension Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 75 OPEB Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 68 & 75 Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Total Non-Operating	0.00	0.00	0.00	na	0.00	0.00	0.00	na
NET INCOME (LOSS)	609.41	153.00	456.41	298.31%	4,228.06	1,274.00	2,954.06	231.87%

Budget Income Statement - Snow Removal Fund

March 31, 2021	Month Totals				Year to Date Totals			
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent
0 - Default								
KMPUD Internal Usage	12,207.00	12,207.00	0.00	0.00%	61,035.00	61,035.00	0.00	0.00%
Other	79,847.50	79,410.00	437.50	0.55%	486,622.25	476,460.00	10,162.25	2.13%
Operating Revenues	92,054.50	91,617.00	437.50	0.48%	547,657.25	537,495.00	10,162.25	1.89%
Salaries and Wages	19,045.21	23,433.00	(4,387.79)	-18.72%	167,385.62	154,793.00	12,592.62	8.14%
Payroll Taxes & EE Benefits	10,540.02	14,870.00	(4,329.98)	-29.12%	95,763.10	96,063.00	(299.90)	-0.31%
Operations & Maintenance	7,826.62	2,700.00	5,126.62	189.87%	52,401.90	59,500.00	(7,098.10)	-11.93%
Contract Services	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Operating Expenses	2,274.52	4,000.00	(1,725.48)	-43.14%	12,265.35	29,000.00	(16,734.65)	-57.71%
Depreciation	5,294.83	6,982.00	(1,687.17)	-24.16%	47,160.48	62,838.00	(15,677.52)	-24.95%
G & A Allocations	14,705.32	16,991.00	(2,285.68)	-13.45%	141,746.23	155,294.00	(13,547.77)	-8.72%
Internal Allocations	51.07	100.00	(48.93)	-48.93%	570.27	900.00	(329.73)	-36.64%
Operating Expenses	59,737.59	69,076.00	(9,338.41)	-13.52%	517,292.95	558,388.00	(41,095.05)	-7.36%
Total Operating	32,316.91	22,541.00	9,775.91	43.37%	30,364.30	(20,893.00)	51,257.30	-245.33%
Investment Income	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Interest Expense	153.62	200.00	(46.38)	-23.19%	1,716.30	1,800.00	(83.70)	-4.65%
Amortization	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Expenses	153.62	200.00	(46.38)	-23.19%	1,716.30	1,800.00	(83.70)	-4.65%
GASB 68 Pension Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 75 OPEB Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 68 & 75 Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Total Non-Operating	(153.62)	(200.00)	46.38	-23.19%	(1,716.30)	(1,800.00)	83.70	-4.65%
NET INCOME (LOSS)	32,163.29	22,341.00	9,822.29	43.97%	28,648.00	(22,693.00)	51,341.00	-226.24%

YTD total
operating is up
from plan by
\$51,257.

Budget Income Statement - Propane Fund

March 31, 2021	-----Month Totals-----				-----Year to Date Totals-----			
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent
0 - Default								
Commercial	138,419.19	132,892.00	5,527.19	4.16%	618,178.75	764,011.00	(145,832.25)	-19.09%
Residential	100,347.20	88,594.00	11,753.20	13.27%	532,729.39	509,341.00	23,388.39	4.59%
KMPUD Internal Usage	4,580.04	0.00	4,580.04	na	26,219.92	0.00	26,219.92	na
Other	261.98	1,000.00	(738.02)	-73.80%	2,933.82	9,000.00	(6,066.18)	-67.40%
Base Rates	3,995.39	3,685.00	310.39	8.42%	35,965.22	33,165.00	2,800.22	8.44%
Meter Charges	1,464.96	1,460.00	4.96	0.34%	13,188.41	13,140.00	48.41	0.37%
Operating Revenues	249,068.76	227,631.00	21,437.76	9.42%	1,229,215.51	1,328,657.00	(99,441.49)	-7.48%
Cost of Goods Sold	148,855.90	126,926.00	21,929.90	17.28%	677,780.01	729,715.00	(51,934.99)	-7.12%
Salaries and Wages	13,876.52	7,777.00	6,099.52	78.43%	68,313.17	68,847.00	(533.83)	-0.78%
Payroll Taxes & EE Benefits	11,451.19	4,935.00	6,516.19	132.04%	54,532.26	44,052.00	10,480.26	23.79%
Operations & Maintenance	234.06	1,440.00	(1,205.94)	-83.75%	7,492.80	40,670.00	(33,177.20)	-81.58%
Contract Services	0.00	0.00	0.00	na	6,472.50	0.00	6,472.50	na
Operating Expenses	110.79	0.00	110.79	na	1,703.16	0.00	1,703.16	na
Depreciation	5,059.20	5,940.00	(880.80)	-14.83%	45,168.55	53,460.00	(8,291.45)	-15.51%
G & A Allocations	24,855.90	28,718.00	(3,862.10)	-13.45%	239,588.77	262,480.00	(22,891.23)	-8.72%
Internal Allocations	1,229.66	1,893.00	(663.34)	-35.04%	7,594.31	11,409.00	(3,814.69)	-33.44%
Operating Expenses	205,673.22	177,629.00	28,044.22	15.79%	1,108,645.53	1,210,633.00	(101,987.47)	-8.42%
Total Operating	43,395.54	50,002.00	(6,606.46)	-13.21%	120,569.98	118,024.00	2,545.98	2.16%
Investment Income	1.40	0.00	1.40	na	9.91	0.00	9.91	na
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Non-Operating Revenues	1.40	0.00	1.40	na	9.91	0.00	9.91	na
Interest Expense	4,132.32	3,348.00	784.32	23.43%	23,609.26	30,132.00	(6,522.74)	-21.65%
Amortization	(205.80)	0.00	(205.80)	na	(1,852.20)	0.00	(1,852.20)	na
Non-Operating Expenses	3,926.52	3,348.00	578.52	17.28%	21,757.06	30,132.00	(8,374.94)	-27.79%
GASB 68 Pension Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 75 OPEB Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
GASB 68 & 75 Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na
Total Non-Operating	(3,925.12)	(3,348.00)	(577.12)	17.24%	(21,747.15)	(30,132.00)	8,384.85	-27.83%
NET INCOME (LOSS)	39,470.42	46,654.00	(7,183.58)	-15.40%	98,822.83	87,892.00	10,930.83	12.44%

YTD total
operating is up
from plan by
\$2,546.

Budget Income Statement - Solid Waste Fund

	-----Month Totals-----				-----Year to Date Totals-----				
	This Year March	Budget March	Variance Dollar	Variance Percent	This Year YTD	Budget YTD	Variance Dollar	Variance Percent	
March 31, 2021									
0 - Default									
Commercial	2,232.52	1,794.00	438.52	24.44%	15,409.39	16,146.00	(736.61)	-4.56%	
Residential	23,847.91	17,500.00	6,347.91	36.27%	164,966.78	157,500.00	7,466.78	4.74%	
Other	67.46	100.00	(32.54)	-32.54%	1,319.45	900.00	419.45	46.61%	
Operating Revenues	26,147.89	19,394.00	6,753.89	34.82%	181,695.62	174,546.00	7,149.62	4.10%	
Salaries and Wages	1,344.48	1,252.00	92.48	7.39%	17,858.62	10,851.00	7,007.62	64.58%	
Payroll Taxes & EE Benefits	619.43	795.00	(175.57)	-22.08%	8,443.25	6,964.00	1,479.25	21.24%	
Operations & Maintenance	21,045.68	10,100.00	10,945.68	108.37%	148,020.03	98,400.00	49,620.03	50.43%	
Contract Services	0.00	0.00	0.00	na	2,075.00	0.00	2,075.00	na	
Operating Expenses	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
Depreciation	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
G & A Allocations	5,465.70	6,315.00	(849.30)	-13.45%	52,684.46	57,721.00	(5,036.54)	-8.73%	
Internal Allocations	1,645.98	1,627.00	18.98	1.17%	8,346.97	8,135.00	211.97	2.61%	
Operating Expenses	30,121.27	20,089.00	10,032.27	49.94%	237,428.33	182,071.00	55,357.33	30.40%	
Total Operating	(3,973.38)	(695.00)	(3,278.38)	471.71%	(55,732.71)	(7,525.00)	(48,207.71)	640.63%	YTD total operating down from plan by \$48,208.
Investment Income	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
Other	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
Contribution Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
Non-Operating Revenues	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
Interest Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
Amortization	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
Non-Operating Expenses	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
GASB 68 Pension Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
GASB 75 OPEB Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
GASB 68 & 75 Expense	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
Total Non-Operating	0.00	0.00	0.00	na	0.00	0.00	0.00	na	
NET INCOME (LOSS)	(3,973.38)	(695.00)	(3,278.38)	471.71%	(55,732.71)	(7,525.00)	(48,207.71)	640.63%	

Balance Sheet Comparison March 20-21

	Actual <u>March, 2021</u>	Actual <u>March, 2020</u>	<u>Variance</u>
<u>ASSETS</u>			
Current Assets - Funds			
Total Operating	3,090,798.66	3,008,694.57	82,104.09
Total KVFD Reserve	150,293.89	150,275.58	18.31
Total Restricted	671,849.72	439,965.72	231,884.00
Total Capital Reserve	491,179.36	439,808.03	51,371.33
Total COP Reserve Fund	172,500.00	227,066.69	(54,566.69)
Total Current Assets - Funds	4,576,621.63	4,265,810.59	310,811.04
Current Assets - Other			
Total Accounts Receivable, net	1,231,748.58	1,234,103.58	(2,355.00)
Total Materials & Supplies	247,834.97	226,453.62	21,381.35
Total Prepaid Expenses	148,380.43	115,613.33	32,767.10
Total Current Assets - Other	1,627,963.98	1,576,170.53	51,793.45
Capital Assets			
Total Buildings	12,908,128.65	12,602,483.14	305,645.51
Total Generation Equipment	16,905,361.28	16,763,382.83	141,978.45
Total Intangible Assets	15,854,083.31	15,854,083.31	0.00
Total General Plant & Other	43,177,086.11	43,033,383.34	143,702.77
Total Construction in Progress	225,839.16	422,836.67	(196,997.51)
Total Less: Accumulated Depreciation	(26,853,551.24)	(24,718,050.63)	(2,135,500.61)
Total Capital Assets	62,216,947.27	63,958,118.66	(1,741,171.39)
Non-Current Assets			
Total Capitalized Interest Bond Proceeds	0.00	0.00	0.00
Total Restricted Funds	0.00	0.00	0.00
Total Unamortized Debt Expenses, net	4,449,257.05	4,881,388.69	(432,131.64)
Total Other Non-Current Assets	0.00	0.00	0.00
Total Non-Current Assets	4,449,257.05	4,881,388.69	(432,131.64)
Deferred Outflows			
Total Deferred Outflows	597,119.98	499,858.98	97,261.00
Total Deferred Outflows	597,119.98	499,858.98	97,261.00
Total Assets	72,870,789.93	74,681,488.47	(1,810,698.54)
Total Assets and Deferred Outflows	73,467,909.91	75,181,347.45	(1,713,437.54)
<u>LIABILITIES</u>			
Current Liabilities			
Total Accounts Payable	113,591.23	122,758.23	(9,167.00)
Total Accrued Interest Payable	130,640.15	(22,202.71)	152,842.86
Total Customer Deposits	30,168.75	6,830.33	23,338.42
Total Current Portion of Long-Term Debt	333,925.59	310,587.53	23,338.06
Total Other Current Liabilities	795,044.58	775,650.96	19,393.62
Total Current Liabilities	1,403,370.30	1,193,624.34	209,745.96
Non-Current Liabilities			
Total Long-term Debt, less Current Portion	54,285,514.12	55,698,887.14	(1,413,373.02)
Total Installment Loans	2,456,502.10	3,071,955.60	(615,453.50)
Total Unearned Revenues	145,700.00	142,778.57	2,921.43
Total Net Pension Liability	939,819.00	852,269.00	87,550.00
Total Cushion of Credit	0.00	(91,803.28)	91,803.28
Total Net OPEB Liability	1,579,731.00	1,306,014.00	273,717.00
Total Non-Current Liabilities	59,407,266.22	60,980,101.03	(1,572,834.81)
Deferred Inflows			
Total Deferred Inflows	62,687.99	33,143.99	29,544.00
Total Deferred Inflows	62,687.99	33,143.99	29,544.00
Total Liabilities	60,810,636.52	62,173,725.37	(1,363,088.85)
Total Liabilities and Deferred Inflows	60,873,324.51	62,206,869.36	(1,333,544.85)
<u>EQUITY</u>			
Net Assets			
Total Restricted for Debt Service	0.00	0.00	0.00
Total Unrestricted	12,597,494.63	12,963,151.51	(365,656.88)
Total Net Assets	12,597,494.63	12,963,151.51	(365,656.88)
Total Equity	12,597,494.63	12,963,151.51	(365,656.88)
Total Liabilities, Deferred Inflows, and Equity	73,470,819.14	75,170,020.87	(1,699,201.73)

Income Statement Comparison March 20-21

	2021 YTD	2020 YTD	Variance Dollar
Commercial	2,979,020.16	2,955,912.68	23,107.48
Residential	2,097,443.16	1,787,161.60	310,281.56
KMPUD Internal Usage	88,446.60	92,146.81	(3,700.21)
Other	638,266.34	757,186.48	(118,920.14)
Property Taxes	631,800.00	625,536.00	6,264.00
Base Rates	1,011,712.64	911,628.58	100,084.06
Other Sales to Public Authorities	467,687.07	464,557.51	3,129.56
Meter Charges	58,710.48	59,662.65	(952.17)
Operating Revenues	7,973,086.45	7,653,792.31	319,294.14
Cost of Goods Sold	1,147,030.83	980,011.29	167,019.54
Salaries and Wages	974,321.80	971,327.68	2,994.12
Payroll Taxes & EE Benefits	620,608.90	598,002.44	22,606.46
Operations & Maintenance	620,157.88	658,113.60	(37,955.72)
Contract Services	122,609.03	98,045.85	24,563.18
Operating Expenses	358,655.87	389,067.52	(30,411.65)
Board of Directors	110,311.57	113,529.86	(3,218.29)
Depreciation	1,600,989.95	1,620,784.69	(19,794.74)
G & A Allocations	0.00	225,052.98	(225,052.98)
Internal Allocations	369,704.17	362,899.91	6,804.26
Operating Expenses	5,924,390.00	6,016,835.82	(92,445.82)
Total Operating	2,048,696.45	1,636,956.49	411,739.96
Investment Income	12,542.70	24,796.36	(12,253.66)
Other	52,166.24	277,483.00	(225,316.76)
Contribution Revenues	0.00	0.00	0.00
Non-Operating Revenues	64,708.94	302,279.36	(237,570.42)
Interest Expense	1,484,854.09	1,388,150.10	96,703.99
Other	0.00	0.00	0.00
Amortization	321,825.05	323,673.29	(1,848.24)
Non-Operating Expenses	1,806,679.14	1,711,823.39	94,855.75
GASB 68 Pension Expense	0.00	0.00	0.00
GASB 75 OPEB Expense	0.00	0.00	0.00
GASB 68 & 75 Expense	0.00	0.00	0.00
Total Non-Operating	(1,741,970.20)	(1,409,544.03)	1,409,544.03
Net Income/(Loss)	306,726.25	227,412.46	79,313.79

April 2021 Preliminary Income Statement

April 30, 2021	-----Month Totals-----			-----Year to Date Totals-----		
	This Year April	Budget April	Variance Dollar	This Year YTD	Budget YTD	Variance Dollar
Commercial	247,836.88	274,906.00	(27,069.12)	3,226,857.04	3,362,122.00	(135,264.96)
Residential	189,781.17	218,962.00	(29,180.83)	2,287,224.33	2,246,919.00	40,305.33
KMPUD Internal Usage	3,223.36	0.00	3,223.36	91,669.96	61,035.00	30,634.96
Other	88,188.27	95,225.00	(7,036.73)	726,454.61	717,020.00	9,434.61
Property Taxes	70,200.00	70,200.00	0.00	702,000.00	702,000.00	0.00
Base Rates	112,388.77	121,391.00	(9,002.23)	1,124,101.41	1,213,910.00	(89,808.59)
Other Sales to Public Authorities	56,811.36	72,211.00	(15,399.64)	524,498.43	628,040.00	(103,541.57)
Meter Charges	6,639.60	6,675.00	(35.40)	65,350.08	66,750.00	(1,399.92)
Operating Revenues	775,069.41	859,570.00	(84,500.59)	8,748,155.86	8,997,796.00	(249,640.14)
Cost of Goods Sold	155,476.00	155,476.00	0.00	1,302,506.83	1,397,030.00	(94,523.17)
Salaries and Wages	118,063.00	118,063.00	0.00	1,092,384.80	1,194,672.00	(102,287.20)
Payroll Taxes & EE Benefits	70,887.00	70,887.00	0.00	691,495.90	709,986.00	(18,490.10)
Operations & Maintenance	62,702.00	62,702.00	0.00	682,859.88	794,938.00	(112,078.12)
Contract Services	9,467.00	9,467.00	0.00	132,076.03	110,667.00	21,409.03
Operating Expenses	45,374.00	45,374.00	0.00	404,029.87	471,791.00	(67,761.13)
Board of Directors	12,353.00	12,353.00	0.00	122,664.57	123,527.00	(862.43)
Depreciation	181,582.00	181,582.00	0.00	1,782,571.95	1,815,820.00	(33,248.05)
G & A Allocations	0.00	0.00	0.00	0.00	0.00	0.00
Internal Allocations	53,174.00	53,174.00	0.00	422,878.17	654,624.00	(231,745.83)
Operating Expenses	709,078.00	709,078.00	0.00	6,633,468.00	7,273,055.00	(639,587.00)
Total Operating	65,991.41	150,492.00	(84,500.59)	2,114,687.86	1,724,741.00	389,946.86

Cash Flow FYE 2021

FYE 2021												
	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
<u>Revenue/Expenses</u>												
AR Revenue	\$389,301	\$465,668	\$425,426	\$483,601	\$392,061	\$670,164	\$1,029,155	\$1,096,319	\$913,729	\$913,728	\$879,526	\$541,598
Snow Removal Revenue			\$61,034	\$140,315	\$140,315	\$140,315	\$116,000					
Property Tax Revenue		\$84,000				\$83,258	\$346,201			\$75,000		\$302,936
Operating Expenses (w/out depreciation)	(\$419,965)	(\$427,772)	(\$423,902)	(\$444,136)	(\$559,501)	(\$695,503)	(\$680,416)	(\$645,924)	(\$631,540)	(\$527,374)	(\$402,498)	(\$370,264)
Capital Expenses	(\$68,875)	(\$68,875)	(\$68,875)	(\$68,875)	(\$68,875)	(\$68,875)	(\$68,875)	(\$68,875)	(\$68,875)	(\$68,875)	(\$68,875)	(\$68,875)
<u>Loans</u>												
COP Interest		(\$45,100)						(\$34,500)				
COP Principal		(\$530,000)										
RUS Interest			(\$392,902)			(\$382,355)			(\$411,149)			(\$412,597)
RUS Principal			(\$309,259)			(\$400,099)			(\$426,578)			(\$335,949)
Bank of the West Loan	(\$7,100)	(\$7,100)	(\$7,100)	(\$7,100)	(\$7,100)	(\$7,100)	(\$7,100)	(\$7,100)	(\$7,100)	(\$7,100)	(\$7,100)	(\$7,100)
Employee Housing Condos	(\$3,175)	(\$3,175)	(\$3,175)	(\$3,175)	(\$3,175)	(\$3,175)	(\$3,175)	(\$3,175)	(\$3,175)	(\$3,175)	(\$3,175)	(\$3,175)
Wells Fargo Trackless Loan	(\$3,050)	(\$3,050)	(\$3,050)	(\$3,050)	(\$3,050)	(\$3,050)	(\$3,050)	(\$3,050)	(\$3,050)	(\$3,050)	(\$3,050)	(\$3,050)
Net Changes	(\$112,864)	(\$535,404)	(\$721,804)	\$97,580	(\$109,325)	(\$666,420)	\$728,740	\$333,695	(\$637,738)	\$379,154	\$394,827	(\$356,477)
Updated Operating Forecast	\$1,565,865	\$1,095,490	\$1,117,223	\$1,223,190	\$1,279,078	\$1,407,538	\$2,067,513	\$1,752,664	\$1,802,317	\$2,002,603	\$2,397,430	\$2,040,954
Cushion of Credit	\$92,945	\$92,945	\$94,445	\$94,445	\$94,445	\$95,945	\$95,945	\$95,945	\$0	\$0	\$0	\$0
LAIF Balance	\$1,524,540	\$1,524,540	\$774,540	\$777,621	\$777,621	\$277,621	\$277,621	\$1,278,756	\$1,278,756	\$1,278,756	\$1,278,756	\$1,278,756
Total Operating Cash	\$3,183,349	\$2,712,974	\$1,986,207	\$2,095,256	\$2,151,144	\$1,781,104	\$2,441,079	\$3,127,364	\$3,081,073	\$3,281,359	\$3,676,186	\$3,319,709
Budget	\$3,060,150	\$2,482,972	\$1,718,819	\$1,923,971	\$1,931,785	\$1,349,406	\$2,204,711	\$2,606,459	\$2,216,353	\$2,733,014	\$3,025,382	\$2,687,001
Variance to Budget	\$123,199	\$230,002	\$267,388	\$171,285	\$219,359	\$431,698	\$236,368	\$520,906	\$864,720	\$548,344	\$650,804	\$632,708
<u>Reserve Fund</u>												
Transfer in from Operating Cash	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Expenses												
Reserve Fund Balance												
Updated Reserve Forecast	\$439,808	\$439,808	\$439,808	\$439,808	\$439,808	\$439,808	\$439,808	\$439,808	\$439,808	\$439,808	\$439,808	\$439,808

KNOWN BUDGET VARIANCES FOR FYE 2021	Annual Impact
Waste Water Base Rates Total FY 2021	\$108,000
Solid Waste Dumping Fees - Through 3/31/21	\$49,620
Solid Waste Salaries & Wages - Through 3/31/21	\$8,487
Snow Removal Salaries & Wages - Through 3/31/21	\$12,293
WET Lab - Iron & Manganese Testing	\$4,532
Ammonia Spill Clean Up	\$30,289
IRS Late Penalties	\$4,092
Snow Removal Contract Revenue	\$13,122
TOTAL ANNUAL IMPACT	\$230,435

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT

FY ~~2021 - 2025~~2022 - 2026 BUDGET – KEY ASSUMPTIONS

1. Government Funds and Enterprise Funds.

The Kirkwood Meadows Public Utility District (District) has a Fiscal Year (FY) that ends on June 30th. Therefore, this budget's first year is FY ~~2021~~2022 ending on June 30, ~~2021~~2022. All years reflected in the budget are fiscal years. The District provides numerous (~~40~~11) services to the Kirkwood community. The services are segregated into two distinct fund types, Government Funds and Enterprise Funds. Government Fund operations are primarily supported by property tax revenues that are collected from three counties (Alpine, Amador and El Dorado), and Enterprise Funds are intended to operate as self-sufficient businesses whereby the fees that each fund charges for services provided are sufficient to cover the operating expenses. These Funds are:

a. Government Funds:

- i. General and Administration
- ii. Fire
- iii. Parks and Recreation

b. Enterprise Funds:

- i. Electric
- ii. Propane
- iii. Water
- iv. Wastewater
- v. Employee Housing
- vi. Cable
- vii. Snow Removal
- viii. Solid Waste

2. General & Administration Department

The District has a single administration organization to oversee the entire operations of the District. The District's General Manager, administration staff, and the Board of Directors are primarily budgeted in the General and Administration (G & A) Department. Their labor costs, payroll taxes and fringe benefits are part of the G & A Department. Other common expenses incurred by the District which benefit the District as a whole are also budgeted in G & A. 100% of these monthly expenses are then allocated out to other departments. The allocations out of G & A are based on management's assessment of staff time and effort.

District Management annually re-evaluates, as part of its budgeting process, the allocations for each department. Funds or departments that are complex and require continuous management oversight receive a larger allocation than those departments that are simple and self-sufficient. For example, the Cable Fund has little activity and does not require monthly billings, collections, repairs or reporting. It receives a very small portion of the G & A allocation. Conversely, the Electric Fund is complex. There are monthly billings, collections, ongoing construction projects, and ongoing financing needs and options. This fund receives a larger allocation of the G & A expenses.

The proposed FY 2022 allocation percentages are based on a five-year average of operating expenses, not including depreciation, for each department.

The following table shows the FY ~~2021~~ and proposed FY ~~2021~~2022 G&A Allocations.

Fund	FY 2020 2121	FY 2022
Fire	8.3%	<u>3.1%</u>
Parks & Recreation	1%	<u>.03%</u>
Water	17.5%	<u>5.8%</u>
Wastewater	17.5%	<u>19.4%</u>
Employee Housing	0%	
Electric	20.6%	<u>35.7%</u>
Cable	0.5%	<u>.01%</u>
Snow Removal	11.3%	<u>9.8%</u>
Propane	19.1%	<u>23%</u>
Solid Waste	4.2%	<u>2.8%</u>
	100%	

District expenses which can be directly associated with a specific fund or department are budgeted in the respective fund or department. Direct expenses include salaries and wages, payroll taxes, benefits, and outside costs.

3. Units Sold

- a. Units Sold for Electric, Propane, Water and Wastewater for FY ~~2021~~2022 are forecasted as the average sales from FY ~~2016~~2017 to FY ~~2020~~2021, which gives a good representation of high and low volume sales years. Units Sold are thereafter assumed to ~~remain constant through~~increase by 1% through FY ~~2025~~2026 due to ~~somelimited~~ anticipated development.
- b. Units Sold for Irrigation for FY ~~2021~~2022 are calculated as the average sales from FY ~~2016~~2017 to FY ~~2020~~2021. Units Sold are thereafter assumed to remain constant.

4. Equivalent Dwelling Units

- a. ~~No customer~~A 1% increase is anticipated in the Equivalent Dwelling Units for FY ~~2021~~2022 to FY ~~2025~~2026.

5. Rates

The Budget's Rate Assumptions are:

i. Electric - TBD

- ~~1. Base Rates are projected to grow by 3.0% per year for the assumed CPI increase.~~
- ~~2. The portion of usage rates that are not tied to debt or depreciation are set to increase by 3.0% per year for the assumed CPI increase minus \$.01 per Ordinance No.16-01 adopted May 14, 2016.~~
- ~~3. Meter charges are set to remain at \$2.94 per meter per month for the duration of the Budget.~~

ii. Propane

1. Base Rates are projected to grow by 3.0% per year for the assumed CPI increase.

2. Usage Rates are set to increase each year by 3.0% for the assumed CPI increase.
3. Meter charges are set to remain constant at \$3.36 per meter per month for the duration of the budget.

iii. **Water**

1. ~~Base Rates are projected to decrease by 7.2% for FY 2021 per the 2020 Water Rate Study. Thereafter,~~ Base Rates are projected to grow by 9.0% through FY 2024 and 2.0% in FY 2025.
2. ~~Usage Rates are budgeted to increase by 0.4% for FY 2021 per the 2020 Water Rate Study. Thereafter,~~ Usage Rates are projected to grow by 9.0% through FY 2024 and 2.0% in FY 2025.
3. ~~Meter Charges are set to decrease by 1.2% per the 2020 Water Rate Study. Thereafter,~~ Meter Charges are projected to grow by 9.0% through FY 2024 and 2.0% in FY 2025.

iv. **Irrigation**

1. ~~Irrigation customers will begin to pay Base Rates on a per EDU basis as per the 2020 Water Rate Study.~~
2. ~~Usage Rates are projected to increase by 101% for FY 2021 per the 2020 Water Rate Study in order to match the Water Usage Rates.~~
- 3.1. ~~Meter Charges are set to decrease by 1.2% per the 2020 Water Rate Study. Thereafter,~~ Meter Charges are projected to grow by 9.0% through FY 2024 and 2.0% in FY 2025.

v. **Wastewater**

1. ~~Base Rates for residential customers are projected to increase by 34.0% and Base Rates for commercial customers are projected to decrease by 14.7% for FY 2021 per the 2020 Wastewater Rate Study. Thereafter,~~ Base Rates are projected to grow by 9% through FY 2025.
2. ~~Usage Rates for residential customers are budgeted to decrease by 24.4% and Usage Rates for commercial customers are projected to increase by 136.1% for FY 2021 per the 2020 Wastewater Rate Study. Thereafter,~~ Usage Rates are projected to grow by 9% through FY 2025.

vi. **Solid Waste**

1. Base Rates are budgeted to increase 3% per year through FY 2024.

vii. **Snow Removal - TBD**

- ~~1. Snow Removal contract rates are expected to increase from \$678,089 in FY 2020 to \$699,479 in FY 2021 to account for the new labor model, debt service on equipment, repayment of the interfund loan from electric, repair and capital improvements on the aging trackless fleet, and other snow removal equipment.~~

viii. **Fire Department**

1. Special Event Revenue will be ~~complete~~completely routed through the KVFD 501c3. Equipment purchased with funds from special events will now show as Contribution Revenues from the 501c3.

These rate assumptions are consistent with currently approved or proposed rate structures anticipated to be in place for each service.

6. **Property Taxes**

- a. Property tax revenues are earned over the course of a fiscal year, July 1 to June 30. The Budget accrues property tax revenues equally each month. The Balance Sheet and Cash Flow projections show Property Taxes when they are anticipated to be received. The District receives actual payments from Alpine, Amador and El Dorado counties in two installments, generally February and August. All property tax revenues are initially posted to the General and Administration department. Property tax revenues are then allocated to various funds/departments as determined by District Management and the Board of Directors. The Snow Removal fund and the Solid Waste fund are ineligible to receive any Property Tax revenue allocations. This budget assumes that property taxes will be allocated in the following order:
 - i. First to ensure the RUS Tier ratios will be covered.
 - ii. Then to cover any cash losses in departments.

- iii. Any remaining revenues will be used to fund capital expenditures.
- iv. If the above allocations are covered, property taxes will be used to fund a cash reserve.
- v. A significant annual unknown is property tax allocations required to achieve the RUS Tier ratio requirement due to the uncertainty of the GASB 68 & 75 expenses imposed by CalPERS.

b. Property taxes for FY ~~2021~~2022 are budgeted at \$~~842,395~~850,819 which represents the average revenue received over the last three years. Thereafter, Property Taxes are forecasted to increase by 1% annually for the balance of the Budget.

~~c. Based on recent 2020 USDA Bulletins, it is anticipated the District will not be required to meet its Tier Ratios in 2020 and can utilize Property Taxes differently than is normally required. Therefore, Property Tax priorities shall be as follows (after addressing all departmental deficits):~~

- ~~i. Wastewater~~
- ~~ii. Water~~
- ~~iii. Fire~~
- ~~iv. Playground~~
- ~~v. Solid Waste~~
- ~~vi. Propane~~
- ~~vii. Electric~~

~~7. Fund Transfers~~

~~This budget assumes interfund loans from Electric to Snow Removal to cover cash losses.~~

8.7. Salaries and Wages

- a. This budget assumes 17 full-time year-round staff which represents a decrease in staffing levels compared to 19 full-time year-round staff in FY 2020.
- b. This budget anticipates an average of 3% in merit increases in July of ~~2020~~2021 in the amount of \$40,000.
- c. This budget anticipates a Performance Review bonus for all staff in December of ~~2020~~2021 totaling \$12,000, approximately 1% of annual salaries. It also budgets for a discretionary bonus of \$5,000 for the General Manager expensed at the end of each fiscal year and paid at the beginning of the following fiscal year.
- ~~d. This budget anticipates the hiring of six Temporary Snow Removal Operators in October 2020 at a rate of \$16.00-\$22.00 per hour, terminating at the beginning of May.~~

9-8. Operating Expenses.

Operating Expenses for FY ~~2021~~2022 through FY ~~2025~~2026 are budgeted to increase by 2% annually. Following are Operating Expense projects planned for FY ~~2021~~2022:

1. ~~Tree Falling/Chipping – Electric: Compressor Tri-Annual Service: —\$8,500~~
~~\$11,600~~
2. ~~Electric: Transformer/Breaker Testing: —\$13,500~~Renewable Energy Credits
~~TBD~~

10-9. Balance Sheet

- a. **Current Assets - Funds.** In this budget, Current Assets – Funds are broken out into 5 categories. These categories are:
 - i. **Operating**, which consists of General Fund, Revenue Account, Payroll, Petty Cash, and Local Agency Investment Fund (LAIF).
 - ii. **Capital Reserve Fund**
 - iii. **KVFD Reserve Fund.**

- iv. **Restricted**, which consists of Mello Roos Trust, Mello Roos, and RUS Trustee Special Construction.
- v. **COP Reserve Fund.**
- b. **Unearned Revenue.** Unearned Revenue relates to Snow Removal activities. The District invoices and receives payment for snow removal contracts prior to earning the revenue. The District records the cash receipts as Unearned Revenue. This liability is reduced as Snow Removal revenue is earned during the winter snow season.
- c. **Cushion of Credit.** ~~The Cushion of credit relates~~Credit account was depleted to ~~prepaid principal and interest payments for our RUS A8 & B8 loans. RUS is no longer accepting new deposits but will allow us~~0.00 in March 2021 to keep~~facilitate the balance we have currently and not force us to apply that balance to our upcoming loan payments~~payoff of RUS Loan B8 – 7.

41.10. RUS Loan.

By the end of the 2015 fiscal year, the District received a total of \$58,000,000 in RUS loan funds for various Electrical capital projects. These funds were used to: (1) Purchase Mountain Utilities; (2) Build an electric powerhouse; and (3) Fund the Out Valley project that connected Kirkwood to the national electrical grid. The District received an additional RUS C8 reimbursement loan of \$3,765,000 in December of 2018. These funds were used to restructure the District's relationship with PG&E including elimination operations and maintenance payments to PG&E in perpetuity. A combination of short-term and long-term draws were used for these funds, with terms between three years and thirty-five years. The average interest rate on these loans is 2.99%. Below is a breakdown of interest and principal payments due and resulting ending balances on these loans for the next five years:

<u>Fiscal Year</u>	<u>Interest Payment</u>	<u>Principal Payment</u>	<u>Total Payment</u>	<u>Ending Balance</u>
2021	\$1,679,450	\$1,414,146	\$3,093,596	\$54,597,226
2022	\$1,639,184	\$1,465,884	1618,752	\$2,031,233
	\$53,131,344	649,986	\$52,246,978	\$3,105,065
2023	\$1,597,115	\$1,394,648	8956,773	\$2,991,763
	\$3,596,994	\$50,212,905		\$51,736,696
2024	\$1,560,360	\$1,428,015	521,782	397,343
	\$50,308,681	919,124	\$48,815,563	\$2,988,375
2025	\$1,496,665	\$1,474,848	\$2,971,513	\$48,833,833
	\$3,407,860	\$4,841,567	\$45,407,783	\$43,707
2026	\$1,372,098	\$2,023,906	\$3,396,005	\$43,383,796

This budget assumes that the short term RUS Loans scheduled to mature in FY 2021 – 2025 will be rolled over with new financing at the scheduled maturity date.

42.11. COP Loan.

In April 2013, the District received \$5,095,000 in COP (Certificate of Participation) loan funds to fund multiple capital projects for the District. These funds were used to:

- a. Replace/upgrade the membranes at the wastewater treatment plant;
- b. Fund the propane portion of the Mountain Utilities acquisition;
- c. Fund the upgrade of remote read water meters; and
- d. Fund the initial costs of the water capacity study.

This is a 10-year loan, maturing April 1, 2023, with a 4.08% interest rate. Below is a breakdown of the interest and principal payments and resulting ending balances on this loan for the next five years:

Fiscal Year	Interest Payment	Principal Payment	Total Payment	Ending Balance
2021	\$79,600	\$530,000	\$630,400	\$1,725,000
2022	\$57,900	\$555,000	\$612,900	\$1,170,000
2023	\$35,300	\$575,000	\$610,300	\$595,000
2024	\$11,900	\$595,000	\$606,900	\$0

13.12. Bank of the West Loan and Line of Credit

In November 2012, the District received a mortgage loan in the amount of \$700,000 from Bank of the West. This loan was used to cover miscellaneous expenses before the RUS A8 loan funds were received. This mortgage is secured by the Community Service Building and Lava Rock Lodge employee housing.

The current loan is a 10-year loan, maturing November 29, 2022, with a 3.98% interest rate. Below is a breakdown of the interest and principal payments for the next 5 years.

Fiscal Year	Interest Payment	Principal Payment	Total Payment	Ending Balance
2021	\$6,500	\$78,688	\$85,188	\$154,824
2022	\$3,460	\$81,728	\$85,188	\$73,096

2023	\$1,670	\$73,096	\$74,766	\$0
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The District also has a \$400,000 Line of Credit with Bank of the West which is currently unused and has a \$0 balance.

14.13. Capital Plan – TBD

~~Capital Plan 2021-2025 is a 35-year plan that focuses on the next five fiscal years. The 35-Year replacement expenditures and 5-Year replacement expenditures are listed. The 5-Year total replacement expenditure is \$5,530,500, which represents expenditures that were deemed critical to complete in the 5-year plan. District Staff ranked each department's needs 1-5 with those ranked 1 deemed as most critical to complete. Of the 5-Year total above, only \$827,000 of the Category 1 projects will proceed for FY 2020-21.~~

15.14. Changes & Corrections

Listed below are the changes and corrections made to the current budget as compared to last year's budget.

~~1. CPI Increase of 3.0% as compared to last year at 3.6%.~~

~~2.1. Water Rate Adjustments per the 2020 Water Rate Study.~~

~~3.2. Wastewater Rate Adjustments per the 2020 Wastewater Rate Study.~~

~~4.3. KVFD Special Event Revenue to flow through the KVFD 501c3.~~ Solid Waste Rate increases as per Resolution 21-04

Glossary

EDU – This refers to the multipliers placed on base rate charges according to our rate structure.

CPI – Consumer Price Index

RUS – This is the Rural Utility Service from which we receive our Federal A8, B8 and C8 loan funds.

GASB – Governmental Accounting Standards Board

COP – Certificates of Participation

LAIF – Local Agency Investment Fund

OTIER – Operating Times Interest Earned Ratio

**KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
SUMMARY OF REVENUES AND EXPENSES
GENERAL AND ADMINISTRATION**

Recap Revenues Less Expenses	Budget 2021	Projected Year End Actuals	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
REVENUES							
Property Taxes	842,395	842,395	850,819	859,327	867,920	876,600	885,366
	<u>842,395</u>	<u>842,395</u>	<u>850,819</u>	<u>859,327</u>	<u>867,920</u>	<u>876,600</u>	<u>885,366</u>
EXPENSES:							
Salaries and Wages	612,705	539,516	587,620	605,248	623,406	642,108	661,371
Payroll Taxes & EE Benefits	485,296	485,048	420,345	432,955	445,944	459,322	473,102
Operating Expenses	554,667	526,761	494,631	504,524	514,615	524,907	535,405
Board of Directors	148,230	147,370	141,178	144,002	146,882	149,820	152,816
SUMMARY OF OPERATING EXPENSES	<u>1,800,898</u>	<u>1,698,695</u>	<u>1,643,774</u>	<u>1,686,729</u>	<u>1,730,846</u>	<u>1,776,156</u>	<u>1,822,694</u>
ALLOCATIONS:							
Property Tax Allocation	842,395	842,395	850,819	859,327	867,920	876,600	885,366
General and Administration	(1,564,871)	(1,551,325)	(1,502,596)	(1,542,727)	(1,583,964)	(1,626,337)	(1,669,878)
Board of Directors	(139,312)	(147,370)	(141,178)	(144,002)	(146,882)	(149,820)	(152,816)
TOTAL NET ALLOCATIONS	<u>(861,788)</u>	<u>(856,300)</u>	<u>(792,955)</u>	<u>(827,402)</u>	<u>(862,925)</u>	<u>(899,556)</u>	<u>(937,328)</u>

**KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
SUMMARY OF REVENUES AND EXPENSES
FIRE DEPARTMENT FUND**

	Budget 2021	Projected Year End Actuals	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
Recap Revenues Less Expenses							
REVENUES							
Annual Assesment	64,800	65,465	64,800	64,800	64,800	64,800	64,800
Donations	1,000	200	-	-	-	-	-
Other		5,100	2,400	2,400	2,400	2,400	2,400
	<u>1,200</u>	<u>70,765</u>	<u>67,200</u>	<u>67,200</u>	<u>67,200</u>	<u>67,200</u>	<u>67,200</u>
EXPENSES							
Salaries and Wages	856	5,967	1,117	1,150	1,185	1,221	1,257
Payroll Taxes & EE Benefits	553	3,792	705	726	748	770	794
Operating Expenses	65,000	62,949	68,000	69,360	70,747	72,162	73,605
G&A Allocation Expense	149,475	140,856	58,298	59,464	60,654	61,867	63,104
KMPUD Interfund Allocation	12,207	12,629	12,207	12,451	12,700	12,954	13,213
Depreciation	38,400	40,117	38,400	38,400	38,400	38,400	38,400
SUMMARY OF EXPENSES	<u>266,491</u>	<u>266,311</u>	<u>178,727</u>	<u>181,552</u>	<u>184,434</u>	<u>187,374</u>	<u>190,373</u>
NET SUMMARY	<u>(265,291)</u>	<u>(195,546)</u>	<u>(111,527)</u>	<u>(114,352)</u>	<u>(117,234)</u>	<u>(120,174)</u>	<u>(123,173)</u>
EXPENSES IN EXCESS OF REVENUES EXCLUDING DEPRECIATION	(226,891)	(155,429)	(73,127)	(75,952)	(78,834)	(81,774)	(84,773)

**KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
SUMMARY OF REVENUES AND EXPENSES
PARKS & RECREATION**

	Budget 2021	Projected Year End Actuals	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
Recap Revenues Less Expenses							
REVENUES							
Parks & Rec Contribution Revenues	75,000	-	75,000	-	-	-	-
	<u>75,000</u>	<u>-</u>	<u>75,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
EXPENSES							
Salaries and Wages	4,464	2,651	2,970	3,059	3,151	3,245	3,343
Payroll Taxes & EE Benefits	3,002	418	2,052	2,114	2,177	2,242	2,310
Operating Expenses	1,100	-	1,100	1,111	1,122	1,133	1,145
G&A Allocation Expense	18,009	17,021	5,920	6,038	6,159	6,282	6,408
Depreciation	3,780	315	3,780	3,780	3,780	3,780	3,780
SUMMARY OF EXPENSES	<u>30,355</u>	<u>20,405</u>	<u>15,821</u>	<u>16,101</u>	<u>16,389</u>	<u>16,683</u>	<u>16,984</u>
NET SUMMARY	<u>44,645</u>	<u>(20,405)</u>	<u>59,179</u>	<u>(16,101)</u>	<u>(16,389)</u>	<u>(16,683)</u>	<u>(16,984)</u>
EXPENSES IN EXCESS OF REVENUES EXCLUDING DEPRECIATION	48,425	(20,090)	-	(12,321)	(12,609)	(12,903)	(13,204)
Beginning Cash Balance							
Property Tax Allocation	<u>-</u>	<u>20,090</u>	<u>-</u>	<u>12,321</u>	<u>12,609</u>	<u>12,903</u>	<u>13,204</u>

**KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
SUMMARY OF REVENUES AND EXPENSES
WATER FUND**

Recap Revenues Less Expenses	Budget 2021	Projected Year End Actuals	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
WATER SALES (CUBIC FEET)	1,387,038	1,463,220	1,406,976	1,410,033	1,419,210	1,427,023	1,419,783
IRRIGATION SALES (CUBIC FEET)	79,682	33,960	75,471	73,883	67,995	55,454	60,546
SNOWMAKING WATER (CUBIC FEET)	78,632	58,453	86,041	86,477	81,648	85,845	91,323
WATER RATE PER 100 CF BUDGETED	10.40	10.36	11.34	12.36	13.47	13.74	13.74
IRRIGATION RATE PER 100 CF BUDGETED	10.40	5.18	11.34	12.36	13.47	13.74	13.74
INDOOR BASE RATE BUDGETED	29.29	28.02	31.93	34.80	37.93	38.69	38.69
IRRIGATION BASE RATE BUDGETED	9.76		10.64	11.60	12.64	12.89	12.89
METER CHARGE BUDGETED	3.35		3.65	3.98	4.34	4.43	4.43
REVENUES							
Commercial Use	65,762	51,662	64,923	85,397	93,672	96,076	95,588
Residential Use	86,389	95,444	84,920	88,883	97,495	99,997	99,490
Irrigation Use	8,287	3,698	8,558	9,132	9,159	7,619	8,319
Snowmaking Use (Commercial Revenue)	9,436	12,193	9,163	10,689	10,998	11,795	12,548
Commercial Base Rates	190,502	191,561	207,673	226,339	246,697	251,640	251,640
Residential Base Rates	221,081	221,910	241,008	262,670	286,296	292,032	292,032
Irrigation Base Rates	20,964	20,172	21,833	24,917	27,151	27,688	27,688
Meter Charges	35,738	34,785	38,807	42,459	46,299	47,259	47,259
Other	6,000	7,415	6,000	6,000	6,000	6,000	6,000
	<u>644,159</u>	<u>638,839</u>	<u>682,885</u>	<u>756,485</u>	<u>823,767</u>	<u>840,106</u>	<u>840,564</u>
EXPENSES							
Salaries and Wages	81,852	84,972	87,734	90,366	93,077	95,869	98,745
Payroll Taxes & EE Benefits	49,657	54,148	55,718	57,390	59,112	60,885	62,712
Operating Expenses	54,750	46,475	62,400	63,648	64,921	66,219	67,544
G&A Allocation Expense	296,528	296,988	111,857	114,094	116,376	118,703	121,077
KMPUD Interfund Allocation	68,897	81,805	68,627	70,000	71,400	72,828	74,284
Interest Expense	15,592	11,739	7,498	4,571	1,541		
Depreciation & Amortization	115,680	109,093	115,680	117,880	119,980	120,580	123,680
SUMMARY OF EXPENSES	<u>682,955</u>	<u>685,220</u>	<u>509,514</u>	<u>517,949</u>	<u>526,406</u>	<u>535,084</u>	<u>548,042</u>
NET SUMMARY	<u>(38,796)</u>	<u>(46,381)</u>	<u>173,371</u>	<u>238,537</u>	<u>297,361</u>	<u>305,022</u>	<u>292,522</u>
REVENUES IN EXCESS OF EXPENSES WITHOUT DEPRECIATION	76,884	62,712	289,051	356,417	417,341	425,602	416,202

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
SUMMARY OF REVENUE AND EXPENSES
WASTEWATER FUND

Recap Revenues Less Expenses	Budget 2021	Projected Year End Actuals	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
WASTEWATER SALES (CF)	1,387,038	1,463,220	1,409,060	1,412,533	1,422,211	1,430,624	1,424,105
USAGE RATE PER 100 CF	30.07	30.07	32.78	35.73	38.95	42.46	42.46
HS USAGE RATE PER 100 CF	93.84	93.84	102.29	111.50	121.54	132.48	132.48
BASE RATE BUDGETED	53.05	53.05	57.82	63.02	68.69	74.87	74.87
REVENUES							
Commercial Use	281,083	134,859	207,850	262,443	288,055	315,870	314,431
Residential Use	200,200	218,537	254,039	242,255	265,897	291,573	290,244
Commercial Base Rates	380,050	262,526	376,061	409,882	446,760	486,954	486,954
Residential Base Rates	401,058	401,870	436,425	475,675	518,472	565,119	565,119
Other	7,500	10,611	7,500	7,500	7,500	7,500	7,500
	<u>1,269,891</u>	<u>1,028,402</u>	<u>1,281,876</u>	<u>1,397,755</u>	<u>1,526,683</u>	<u>1,667,016</u>	<u>1,664,248</u>
EXPENSES							
Salaries and Wages	162,364	139,031	170,069	176,872	183,947	191,305	198,957
Payroll Taxes & EE Benefits	108,589	83,713	114,234	118,803	123,555	128,497	133,637
Operating Expenses	192,700	152,884	160,000	133,050	135,711	138,425	141,194
G&A Allocation Expense	305,610	296,988	316,210	322,534	328,985	335,564	342,276
KMPUD Interfund Allocation	393,420	329,620	391,407	399,235	407,220	415,365	423,672
Interest Expense	18,815	18,900	10,850	6,615	2,230		
Depreciation & Amortization	304,800	304,483	308,400	319,308	383,623	345,115	368,313
SUMMARY OF EXPENSES	<u>1,486,298</u>	<u>1,325,620</u>	<u>1,471,171</u>	<u>1,476,418</u>	<u>1,565,271</u>	<u>1,554,271</u>	<u>1,608,048</u>
NET SUMMARY	<u>(216,407)</u>	<u>(297,218)</u>	<u>(189,294)</u>	<u>(78,663)</u>	<u>(38,588)</u>	<u>112,745</u>	<u>56,200</u>
REVENUES IN EXCESS OF EXPENSES							
WITHOUT DEPRECIATION	88,393	7,266	119,106	240,645	345,035	457,860	424,513

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
SUMMARY OF REVENUE AND EXPENSES
EMPLOYEE HOUSING FUND

Recap Revenues Less Expenses	Budget 2021	Projected Year End Actuals	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
REVENUES							
Rental Income	69,600	65,640	76,280	77,043	77,813	78,591	79,377
	<u>69,600</u>	<u>65,640</u>	<u>76,280</u>	<u>77,043</u>	<u>77,813</u>	<u>78,591</u>	<u>79,377</u>
EXPENSES							
Salaries and Wages	3,386	8,882	3,471	3,575	3,683	3,793	3,907
Payroll Taxes & EE Benefits	2,172	4,155	2,254	2,321	2,391	2,463	2,537
Operating Expenses	22,800	27,606	24,000	24,480	24,970	25,469	25,978
KMPUD Interfund Allocation	25,243	29,693	30,731	31,345	31,972	32,612	33,264
Interest Expense	8,880	15,509	15,000	14,400	13,800	13,200	12,600
Depreciation & Amortization	40,800	56,837	56,880	57,790	59,290	60,200	61,700
SUMMARY OF EXPENSES	<u>103,281</u>	<u>142,681</u>	<u>132,336</u>	<u>133,912</u>	<u>136,105</u>	<u>137,736</u>	<u>139,986</u>
NET SUMMARY	<u>(33,681)</u>	<u>(77,041)</u>	<u>(56,056)</u>	<u>(56,869)</u>	<u>(58,292)</u>	<u>(59,145)</u>	<u>(60,608)</u>
EXPENSES IN EXCESS OF REVENUES WITHOUT DEPRECIATION	7,119	(20,204)	824	921	998	1,055	1,092

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
SUMMARY OF REVENUES AND EXPENSES
ELECTRIC FUND

Recap Revenues Less Expenses	Budget 2021	Projected Year End Actuals	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
KWH SALES	6,814,149	6,242,326	6,630,449	6,548,813	6,474,213	6,352,873	6,370,515
BUDGETED COST PER KWH	0.065	0.065	0.065	0.065	0.065	0.065	0.065
EQUIVALENT FIXTURE UNITS	1,105	1,133	1,133	1,136	1,139	1,142	1,144
RATE PER KWH BUDGETED	0.657	0.656	0.657	0.653	0.647	0.642	0.637
BASE RATE	15.13	14.93	15.38	15.84	16.31	16.80	17.31
COMMERCIAL REVENUES	2,371,040	2,402,524	2,256,357	2,223,715	2,178,184	2,120,843	2,110,169
RESIDENTIAL REVENUES	1,388,695	1,439,031	1,351,322	1,368,440	1,340,421	1,305,134	1,298,566
KMPUD INTER-FUND REVENUES	717,161	619,572	645,560	684,220	670,210	652,567	649,283
BASE RATES	198,808	203,025	209,106	215,889	222,921	230,183	237,681
METER CHARGES	26,848	26,838	26,848	26,848	26,848	26,848	26,848
OTHER	12,000	19,376	12,000	13,200	14,520	15,972	17,569
TOTAL REVENUES	4,714,552	4,710,366	4,501,194	4,532,311	4,453,105	4,351,547	4,340,116
EXPENSES							
Power Purchase & REC Expenses	579,203	679,373	592,588	586,649	580,308	569,994	571,494
Schedule Coordinating Expense	60,000	60,000	60,000	60,000	60,000	60,000	60,000
Diesel Fuel	65,000	22,882	65,000	66,300	67,626	68,979	70,358
Salaries Wages Taxes & Benefits	259,232	231,299	255,617	263,285	271,184	279,319	287,699
Operating Expenses	311,232	294,483	286,512	292,242	298,087	304,049	310,130
G&A Allocation Expense	370,985	349,597	565,509	576,820	588,356	600,123	612,126
KMPUD Interfund Allocation	20,343	16,338	20,343	20,750	21,165	21,588	22,020
Interest Expense	1,702,512	1,837,790	1,642,205	1,575,612	1,525,940	1,097,232	1,372,098
Depreciation & Amortization	1,934,400	1,932,670	1,934,400	1,934,400	1,934,400	1,934,400	1,934,400
SUMMARY OF EXPENSES	5,302,908	5,424,432	5,422,175	5,376,058	5,347,066	4,935,684	5,240,324
NET SUMMARY	(588,355)	(714,066)	(920,981)	(843,747)	(893,961)	(584,137)	(900,208)
REVENUES IN EXCESS OF EXPENSES							
WITHOUT DEPRECIATION	1,346,045	1,218,605	1,013,419	1,090,653	1,040,439	1,350,263	1,034,188

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
SUMMARY OF REVENUE AND EXPENSES
CABLE FUND

	Budget 2021	Projected Year End Actuals	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
Recap Revenues Less Expenses							
REVENUES							
Contract Fees	16,000	10,940	11,000	10,000	9,000	8,000	7,000
	16,000	10,940	11,000	10,000	9,000	8,000	7,000
EXPENSES							
Operating Expenses	1,800	1,092	3,840	3,917	3,995	4,075	4,157
G&A Allocation Expense	8,732	8,485	2,208	2,253	2,298	2,344	2,391
Depreciation & Amortization	780	473	780	680	430	430	430
SUMMARY OF EXPENSES	11,312	10,050	6,828	6,849	6,723	6,849	6,977
NET SUMMARY	4,688	890	4,172	3,151	2,277	1,151	23
EXPENSES IN EXCESS OF REVENUES WITHOUT DEPRECIATION	5,468	1,363	4,952	3,831	2,707	1,581	453

**KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
SUMMARY OF REVENUE AND EXPENSES
SNOW REMOVAL FUND**

Recap Revenues Less Expenses	Budget 2021	Projected Year End Actuals	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
REVENUES							
Snow Removal Contract	635,282	622,160	647,635	666,111	679,772	686,570	693,435
KMPUD Interfund Revenues	61,035	61,035	54,931	49,438	49,932	50,432	50,936
Other Revenues		10,162					
	696,317	693,357	702,566	718,712	729,704	737,001	744,371
EXPENSES							
Salaries and Wages	174,298	186,891	173,228	176,693	180,227	183,831	187,508
Payroll Taxes & EE Benefits	109,030	108,731	104,229	106,314	108,440	110,609	112,821
Operating Expenses	97,000	72,667	97,000	97,970	98,950	99,939	100,939
G&A Allocation Expense	203,502	191,769	163,208	164,840	166,488	168,153	169,834
KMPUD Interfund Allocation	1,200	870	1,200	1,212	1,224	1,236	1,249
KMPUD Interfund Loan Payback	25,000	25,000	25,000	25,000	25,000	20,000	1,939
Depreciation & Amortization	83,788	63,045	83,788	84,626	85,472	96,327	97,290
SUMMARY OF EXPENSES	693,818	648,973	647,653	656,654	665,800	680,095	671,579
NET SUMMARY	2,499	44,384	54,913	62,058	63,904	56,906	72,792
REVENUES IN EXCESS OF EXPENSES WITHOUT DEPRECIATION							
	86,287	107,429	138,701	146,684	149,376	153,233	170,082

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
SUMMARY OF REVENUES AND EXPENSES
PROPANE FUND

Recap Revenues Less Expenses	Budget 2021	Projected Year End Actuals	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
PROPANE SALES (CUBIC FEET)	21,848,994	19,538,567	21,818,262	21,524,743	21,623,812	21,414,975	21,309,452
BUDGETED COST PER CF	0.04	0.04	0.04	0.04	0.04	0.04	0.04
EQUIVALENT FIXTURE UNITS	667	675	675	677	678	680	682
RATE PER CUBIC FOOT BUDGETED	0.0698	0.0710	0.0731	0.0753	0.0776	0.0799	0.0823
BASE RATE	6.00	5.92	6.10	6.28	6.47	6.66	6.86
COMMERCIAL REVENUE	915,036	879,760	814,977	826,877	855,603	872,760	894,514
RESIDENTIAL REVENUE	610,024	782,382	741,523	762,024	788,497	804,309	824,356
INTERFUND SALES		25,140	35,039	32,427	33,553	34,226	35,079
BASE RATES	44,220	47,956	49,410	50,999	52,661	54,376	56,147
METER CHARGES	17,520	17,586	17,520	17,520	17,520	17,520	17,520
OTHER REVENUES	12,000	6,672	12,000	12,000	12,000	12,000	12,000
TOTAL REVENUES	1,598,800	1,759,496	1,670,468	1,701,847	1,759,834	1,795,191	1,839,616
EXPENSES							
Propane Fuel	873,960	822,025	872,730	860,990	864,952	856,599	852,378
Salaries and Wages	92,179	91,644	101,851	104,906	108,054	111,295	114,634
Payroll Taxes & EE Benefits	59,667	70,145	64,353	66,284	68,272	70,320	72,430
Operating Expenses	44,190	22,841	54,030	55,651	57,320	59,040	60,811
G&A Allocation Expense	343,044	324,141	372,562	380,013	387,614	395,366	403,273
KMPUD Interfund Allocation	10,703	9,207	10,527	10,737	10,952	11,171	11,394
Interest Expense	26,563	33,653	19,321	11,780	3,971		
Depreciation & Amortization	71,280	58,496	71,280	94,380	112,480	117,780	138,080
SUMMARY OF EXPENSES	1,521,585	1,432,153	1,566,655	1,584,741	1,613,615	1,621,572	1,653,001
NET SUMMARY	77,214	327,343	103,814	117,106	146,219	173,619	186,615
REVENUES IN EXCESS OF EXPENSES							
WITHOUT DEPRECIATION	148,494	385,839	175,094	211,486	258,699	291,399	324,695

**KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
SUMMARY OF REVENUE AND EXPENSES
SOLID WASTE FUND**

Recap Revenues Less Expenses	Budget 2021	Projected Year End Actuals	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
RATE PER UNIT BUDGETED	27.47	37.91	39.05	40.22	41.43	42.67	43.95
Units	682.00	682	682	682	682	682	682
REVENUES							
Solid Waste	149,885	258,617	319,585	329,150	339,024	349,195	359,671
Other Revenue	1,200	1,619	1,200	1,212	1,224	1,236	1,249
	<u>151,085</u>	<u>260,237</u>	<u>320,785</u>	<u>330,362</u>	<u>340,249</u>	<u>350,432</u>	<u>360,920</u>
EXPENSES							
Cost of Sales	53,160	198,020	228,000	232,560	237,211	241,955	246,795
Salaries and Wages	14,377	21,718	17,397	17,919	18,456	19,010	19,580
Payroll Taxes & EE Benefits	9,074	11,026	11,013	11,343	11,683	12,034	12,395
Operating Expenses	1,200	2,375	1,200	1,224	1,248	1,273	1,299
G&A Allocation Expense	73,346	71,276	48,002	48,962	49,941	50,940	51,959
KMPUD Interfund Allocation	9,039	8,347	8,136	8,299	8,465	8,634	8,807
Depreciation & Amortization		-	500	1,000	1,500	2,000	2,500
SUMMARY OF EXPENSES	<u>160,196</u>	<u>312,762</u>	<u>314,248</u>	<u>321,307</u>	<u>328,505</u>	<u>335,847</u>	<u>343,334</u>
NET SUMMARY	<u>(9,111)</u>	<u>(52,525)</u>	<u>6,538</u>	<u>9,055</u>	<u>11,743</u>	<u>14,585</u>	<u>17,586</u>
EXPENSES IN EXCESS OF REVENUES WITHOUT DEPRECIATION	(9,111)	(52,525)	7,038	10,055	13,243	16,585	20,086

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
BUDGET - CONSOLIDATED INCOME STATEMENT
FY 2022

	<u>Jul-21</u>	<u>Aug-21</u>	<u>Sep-21</u>	<u>Oct-21</u>	<u>Nov-21</u>	<u>Dec-21</u>	<u>Jan-22</u>	<u>Feb-22</u>	<u>Mar-22</u>	<u>Apr-22</u>	<u>May-22</u>	<u>Jun-22</u>	<u>Total FY 2022</u>
OPERATING REVENUES													
Enterprise Funds:													
Electric	\$ 264,925	\$ 246,113	\$ 224,570	\$ 252,698	\$ 466,922	\$ 601,150	\$ 612,577	\$ 567,284	\$ 393,433	\$ 380,824	\$ 261,637	\$ 229,061	\$ 4,501,194
Propane	40,013	44,627	47,290	78,797	148,359	247,583	268,580	259,290	240,535	168,636	77,882	48,877	1,670,468
Snow Removal	-	-	-	80,954	91,940	91,940	91,940	91,940	91,940	80,954	80,957	-	702,566
Waste Water	104,861	100,985	94,147	88,185	92,683	128,010	143,181	131,214	127,562	98,600	83,116	89,333	1,281,876
Water	57,740	55,777	52,745	49,727	51,132	67,934	70,372	63,373	62,186	52,781	47,759	50,839	682,364
Other	33,047	33,047	33,047	33,047	35,447	35,447	35,447	35,447	35,447	33,047	33,047	32,547	408,065
Total Enterprise Funds	500,585	480,549	451,799	583,408	886,484	1,172,064	1,222,098	1,148,547	951,103	814,842	584,398	450,657	9,246,534
Government Fund:													
Property Taxes	70,902	70,902	70,902	70,902	70,902	70,902	70,902	70,902	70,902	70,902	70,902	70,902	850,819
Other	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	67,200
Total Government Fund	76,502	76,502	76,502	76,502	76,502	76,502	76,502	76,502	76,502	76,502	76,502	76,502	918,019
Total Operating Revenues	577,087	557,051	528,301	659,909	962,985	1,248,566	1,298,599	1,225,049	1,027,605	891,344	660,899	527,159	10,164,553
OPERATING EXPENSES													
Diesel Fuel	1,500	1,500	1,500	25,000	1,500	1,500	1,500	1,500	1,500	25,000	1,500	1,500	65,000
Propane Fuel	18,296	20,820	22,278	39,518	78,366	131,877	143,367	138,283	129,314	88,678	39,017	22,917	872,730
Other CGS - Solid Waste	17,000	17,000	17,000	18,000	18,000	22,000	22,000	22,000	22,000	18,000	18,000	17,000	228,000
Salaries and Wages	105,231	100,231	100,231	103,760	111,337	126,958	115,858	114,958	111,478	107,857	100,231	100,231	1,298,363
Payroll Taxes and EE Benefits	73,311	72,929	73,569	75,617	79,633	80,944	72,778	73,264	72,478	71,029	66,030	66,030	877,613
Power Purchase Expense	31,602	28,046	26,381	30,323	57,735	68,274	76,579	70,019	69,895	46,596	60,176	26,962	592,588
Schedule Coordinating Expense	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000
Other Operating Expenses	67,865	61,465	76,224	73,045	62,270	62,925	68,966	58,467	61,026	57,646	58,881	48,962	757,742
General and Administration	34,087	68,897	63,954	30,247	31,606	35,549	35,743	38,250	38,685	43,309	34,904	39,401	494,631
Internal Allocations	31,036	34,015	32,001	35,022	50,982	58,264	64,003	55,438	59,384	51,081	37,800	28,046	537,074
Board of Directors	11,985	11,985	11,985	11,985	11,985	11,985	11,544	11,545	11,545	11,545	11,545	11,545	141,178
Depreciation	181,582	181,582	181,582	181,582	181,582	181,582	181,582	181,582	181,582	181,582	181,582	181,576	2,178,982
Total Operating Expenses	578,495	603,470	611,705	629,099	689,996	786,859	798,920	770,307	763,887	707,323	614,669	549,172	8,103,902
OPERATING INCOME/(EXPENSES)													
IN EXCESS OF REVENUES	(1,408)	(46,420)	(83,405)	30,810	272,990	461,707	499,679	454,742	263,718	184,021	46,231	(22,013)	2,060,651
NON-OPERATING REVENUE (EXPENSES)													
Investment Income	4,500	100	100	4,500	100	100	4,500	100	100	4,500	100	100	18,800
Other Income	100	100	100	100	47,000	100	100	100	100	100	100	100	48,100
Interest Expense	146,301	146,291	146,267	148,501	148,489	148,456	136,185	136,154	136,124	140,855	140,825	140,807	1,715,254
Amortization	36,200	36,200	36,200	36,200	36,200	36,200	36,200	36,200	36,200	36,200	36,200	36,200	434,400
Total Non-Operating Income/(Expenses)	(177,901)	(182,291)	(182,267)	(180,101)	(137,589)	(184,456)	(167,785)	(172,154)	(172,124)	(172,455)	(176,825)	(176,807)	(2,082,754)
NET INCOME (LOSS)	\$ (179,309)	\$ (228,710)	\$ (265,672)	\$ (149,291)	\$ 135,401	\$ 277,251	\$ 331,894	\$ 282,588	\$ 91,594	\$ 11,566	\$ (130,595)	\$ (198,820)	\$ (22,103)
REVENUES IN EXCESS OF EXPENSES													
WITHOUT DEPRECIATION	\$ 2,274	\$ (47,128)	\$ (84,090)	\$ 32,291	\$ 316,984	\$ 458,833	\$ 513,476	\$ 464,170	\$ 273,176	\$ 193,148	\$ 50,988	\$ (17,244)	\$ 2,156,879

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
BUDGET - CONSOLIDATED INCOME STATEMENT
FYE 2022 - 2026

	2021 Total	2022 Total	2023 Total	2024 Total	2025 Total	2026 Total
<u>OPERATING REVENUES</u>						
Enterprise Funds:						
Electricity	\$ 4,710,366	\$ 4,501,194	\$ 4,532,311	\$ 4,453,105	\$ 4,351,547	\$ 4,340,116
Propane	1,759,496	1,670,468	1,701,847	1,759,834	1,795,191	1,839,616
Snow Removal	693,357	702,566	718,712	729,704	737,001	744,371
Waste Water	1,028,402	1,281,876	1,397,755	1,526,683	1,667,016	1,664,248
Water	638,839	682,364	756,485	823,767	840,106	840,564
Other	325,877	408,065	417,405	427,062	437,023	447,297
Total Enterprise Funds	9,156,337	9,246,534	9,524,516	9,720,155	9,827,885	9,876,212
Government Fund:						
Property Taxes	842,395	850,819	859,327	867,920	876,600	885,366
Other	70,765	67,200	67,200	67,200	67,200	67,200
Total Government Fund	913,160	918,019	926,527	935,120	943,800	952,566
Total Operating Revenues	10,069,497	10,164,553	10,451,043	10,655,275	10,771,684	10,828,778
<u>OPERATING EXPENSES</u>						
Diesel Fuel	22,882	65,000	66,300	67,626	68,979	70,358
Propane Fuel	822,025	872,730	860,990	864,952	856,599	852,378
Other CGS	198,020	228,000	232,560	237,211	241,955	246,795
Salaries and Wages	1,281,747	1,401,074	1,443,074	1,486,368	1,530,997	1,577,001
Payroll Taxes and EE Benefits	810,151	774,902	798,249	822,322	847,143	872,736
Power Purchase Expense	679,373	592,588	586,649	580,308	569,994	571,494
Schedule Coordinating Expense	60,000	60,000	60,000	60,000	60,000	60,000
Other Operating Expenses	682,280	757,742	738,736	753,077	767,711	782,645
General and Administration	526,761	494,631	504,524	514,615	524,907	535,405
Internal Allocations	480,162	537,074	547,803	558,747	569,910	581,295
Board of Directors	147,370	141,178	144,002	146,882	149,820	152,816
Depreciation	2,344,825	2,178,982	2,428,444	2,515,555	2,495,212	2,544,773
Total Operating Expenses	8,055,596	8,103,902	8,411,332	8,607,663	8,683,225	8,847,695
OPERATING INCOME						
IN EXCESS OF REVENUES	2,013,901	2,060,651	2,039,711	2,047,612	2,088,460	1,981,083
<u>NON-OPERATING REVENUE (EXPENSES)</u>						
Investment Income	31,000	18,800	30,000	30,500	31,000	31,500
Other Income	52,258	48,100	48,581	49,067	49,557	50,053
Interest Expense	(1,902,082)	(1,715,254)	(1,598,578)	(1,533,682)	(1,097,232)	(1,372,098)
Amortization	(432,795)	(434,400)	(441,000)	(441,000)	(441,000)	(441,000)
Total Non-Operating Income/(Expenses)	(2,251,619)	(2,082,754)	(1,960,997)	(1,895,115)	(1,457,674)	(1,731,545)
NET INCOME (LOSS)	\$ (237,718)	\$ (22,103)	78,714	152,497	630,785	249,538
REVENUES IN EXCESS OF EXPENSES WITHOUT DEPRECIATION	\$ 2,107,107	2,156,879	2,507,158	2,668,052	3,125,997	2,794,311

Electric	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
kwh												Budget				
July	328,225	276,322	285,207	327,858	283,415	322,218	341,631	363,139	355,467	361,905	436,777	371,784	377,814	380,749	385,806	390,586
August	283,098	292,868	313,411	268,688	320,517	301,740	310,694	324,178	334,210	336,511	344,170	329,953	333,804	335,730	336,034	335,938
September	281,829	281,716	285,787	287,190	284,787	320,445	307,572	314,989	288,489	341,055	299,702	310,361	310,919	310,105	314,429	309,103
October	262,560	281,505	328,552	304,716	270,106	276,011	343,812	361,883	371,656	377,334	329,019	356,741	359,327	358,815	356,247	352,030
November	483,061	454,513	617,460	611,176	531,009	841,467	680,717	685,500	756,468	642,352	631,154	679,238	678,942	677,631	661,864	665,766
December	780,300	753,942	1,005,738	946,796	941,903	949,580	1,045,308	1,034,190	1,004,191	823,694	108,720	803,221	754,803	698,926	637,873	600,708
January	953,551	690,531	954,298	859,448	836,096	896,798	973,919	925,904	918,767	862,886	823,197	900,935	886,338	878,424	870,356	871,850
February	762,551	788,833	904,993	737,092	680,209	857,254	833,311	842,547	848,898	745,790	848,243	823,758	821,847	817,707	811,469	824,605
March	995,237	824,975	852,456	808,721	676,890	793,145	849,494	873,121	888,766	702,653	797,430	822,293	816,853	805,599	788,965	806,228
April	823,727	662,742	657,890	625,623	467,961	556,342	628,770	542,048	596,131	424,452	549,549	548,190	532,074	530,079	516,869	535,352
May	402,860	302,559	301,318	293,876	314,935	353,252	408,181	350,081	386,576	324,535	364,525	366,780	358,499	360,183	354,904	360,978
June	389,779	269,497	242,106	290,114	268,749	296,480	315,220	304,233	331,291	321,495	313,744	317,197	317,592	320,264	318,058	317,371
Total	6,746,778	5,880,003	6,749,216	6,361,298	5,876,577	6,764,732	7,038,629	6,921,813	7,080,910	6,264,662	5,846,229	6,630,449	6,548,813	6,474,213	6,352,873	6,370,515

Propane	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
cf												Budget				
July	313,776	92,332	321,774	360,018	352,663	432,172	376,854	420,715	512,889	520,200	456,291	457,390	473,497	484,053	478,286	469,903
August	332,235	276,815	422,477	365,055	332,497	428,173	345,348	431,730	521,144	456,380	847,955	520,511	555,544	580,307	592,140	619,291
September	361,548	305,996	316,956	404,301	327,933	447,905	453,798	645,871	541,263	714,228	429,571	556,946	577,576	563,917	568,448	539,291
October	479,310	513,554	761,938	772,558	563,420	590,117	912,394	1,002,329	1,046,931	1,216,880	761,213	987,949	1,003,060	1,003,207	994,462	949,978
November	1,639,238	1,536,086	1,623,304	1,537,672	1,337,663	2,522,599	2,141,731	2,142,632	1,836,531	1,690,605	1,984,247	1,959,149	1,922,633	1,878,633	1,887,053	1,926,343
December	2,978,500	2,148,612	3,380,003	2,725,961	2,849,822	3,971,509	3,531,314	2,819,886	3,515,353	3,692,957	2,925,126	3,296,927	3,250,050	3,336,083	3,300,229	3,221,683
January		2,102,916	3,281,543	1,912,976	2,397,966	3,552,390	4,210,159	3,364,747	3,527,009	3,692,957	3,125,971	3,584,169	3,458,971	3,477,815	3,467,976	3,422,980
February		2,386,877	2,598,199	2,359,913	1,902,797	2,821,701	3,797,950	3,283,501	3,896,549	3,319,151	2,988,221	3,457,074	3,388,899	3,409,979	3,312,665	3,311,368
March		2,697,180	2,021,822	2,239,486	1,774,746	2,742,279	3,248,101	3,745,768	3,652,876	2,476,726	3,040,740	3,232,842	3,229,790	3,126,595	3,021,339	3,130,261
April		1,934,360	1,434,553	1,568,655	1,481,416	1,479,850	2,671,022	1,676,747	1,835,230	2,807,642	2,094,098	2,216,948	2,126,133	2,216,010	2,292,166	2,189,071
May		535,174	540,918	659,790	807,688	917,304	1,004,289	945,368	1,162,807	798,952	965,744	975,432	969,661	974,519	936,862	964,443
June		484,783	349,174	394,421	358,023	413,127	592,901	550,101	619,418	555,909	546,291	572,924	568,929	572,694	563,349	564,837
Total	6,104,607	15,014,685	17,052,661	15,300,806	14,486,634	20,319,126	23,285,861	21,029,395	22,668,000	21,942,587	20,165,469	21,818,262	21,524,743	21,623,812	21,414,975	21,309,452

Water	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
												Budget				
July	704,242	763,609	653,273	777,905	775,397	726,360	756,737	844,866	882,318	749,122	934,648	833,538	848,899	849,705	843,182	861,995
August	667,889	670,956	604,033	513,128	535,858	450,954	587,741	687,457	548,127	1,053,640	847,955	744,984	776,433	794,228	843,448	801,410
September	572,893	628,470	518,192	406,590	447,466	583,216	506,179	573,821	549,937	667,216	647,102	588,851	605,385	611,698	624,051	615,418
October	643,355	381,630	376,655	494,622	332,611	264,972	326,734	527,549	378,002	388,042	644,701	453,006	478,260	468,402	486,482	506,170
November	538,036	638,867	554,806	506,179	399,116	583,732	509,807	511,325	517,646	717,878	474,524	546,236	553,522	561,961	570,824	541,413
December	2,111,230	977,437	1,347,030	1,436,392	1,303,164	1,550,036	1,438,681	1,078,324	1,581,519	1,513,720	1,196,187	1,361,686	1,346,287	1,399,880	1,363,552	1,333,518
January	1,537,140	1,312,216	2,102,658	1,291,055	1,576,692	1,611,873	1,814,065	1,799,868	1,817,072	1,701,019	1,380,195	1,702,444	1,680,119	1,656,170	1,623,989	1,608,583
February	1,765,729	1,436,235	1,438,090	1,580,010	1,300,927	1,588,924	1,427,865	1,328,500	1,318,530	1,408,103	1,690,884	1,434,776	1,436,159	1,457,690	1,485,522	1,501,006
March	1,588,303	1,501,535	1,369,686	1,301,480	1,047,970	1,254,725	1,273,732	1,375,722	1,414,333	1,256,431	1,436,893	1,351,422	1,366,960	1,365,208	1,355,383	1,375,173
April	1,138,955	1,166,057	985,333	984,094	633,077	648,553	885,782	680,052	720,040	483,829	683,651	690,671	651,649	645,968	631,154	660,618
May	367,717	354,712	297,570	330,240	265,368	284,345	366,782	332,516	259,818	399,148	328,522	337,357	331,472	331,263	345,553	334,833
June	324,856	361,501	360,903	499,916	311,856	445,509	515,746	463,805	336,151	606,740	473,590	479,206	471,899	473,517	500,991	479,841
Total	11,960,345	10,193,225	10,608,229	10,121,611	8,929,502	9,993,198	10,409,851	10,203,805	10,323,493	10,944,888	10,738,852	10,524,178	10,547,043	10,615,691	10,674,131	10,619,979

Wastewater	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
												Budget				
July	704,242	763,609	653,273	777,905	775,397	726,360	756,737	844,866	882,318	749,122	934,648	833,538	848,899	849,705	843,182	861,995
August	667,889	670,956	604,033	513,128	535,858	450,954	587,741	687,457	548,127	1,053,640	848,524	745,098	776,569	794,392	843,644	801,645
September	572,893	628,470	518,192	406,590	447,466	583,216	506,179	573,821	549,937	667,216	648,105	589,052	605,626	611,987	624,397	615,833
October	643,355	381,630	376,655	494,622	332,611	264,972	326,734	527,549	378,002	388,042	644,754	453,016	478,273	468,417	486,500	506,192
November	538,036	638,867	554,806	506,179	399,116	583,732	509,807	511,325	517,646	717,878	521,648	555,661	564,831	575,533	587,110	560,957
December	2,111,230	977,437	1,347,030	1,436,392	1,303,164	1,550,036	1,438,681	1,078,324	1,581,519	1,513,720	1,196,583	1,361,765	1,346,382	1,399,994	1,363,689	1,333,683
January	1,537,140	1,312,216	2,102,658	1,291,055	1,576,692	1,611,873	1,814,065	1,799,868	1,817,072	1,701,019	1,407,796	1,707,964	1,686,744	1,664,119	1,633,528	1,620,030
February	1,765,729	1,436,235	1,438,090	1,580,010	1,300,927	1,588,924	1,427,865	1,328,500	1,318,530	1,408,103	1,691,400	1,434,880	1,436,283	1,457,839	1,485,701	1,501,220
March	1,588,303	1,501,535	1,369,686	1,301,480	1,047,970	1,254,725	1,273,732	1,375,722	1,414,333	1,256,431	1,437,574	1,351,558	1,367,124	1,365,404	1,355,618	1,375,456
April	1,138,955	1,166,057	985,333	984,094	633,077	648,553	885,782	680,052	720,040	483,829	683,651	690,671	651,649	645,968	631,154	660,618
May	367,717	354,712	297,570	330,240	265,368	284,345	366,782	332,516	259,818	399,148	328,522	337,357	331,472	331,263	345,553	334,833
June	324,856	361,501	360,903	499,916	311,856	445,509	515,746	463,805	336,151	606,740	473,590	479,206	471,899	473,517	500,991	479,841
Total	11,960,345	10,193,225	10,608,229	10,121,611	8,929,502	9,993,198	10,409,851	10,203,805	10,323,493	10,944,888	10,816,794	10,539,766	10,565,749	10,638,138	10,701,067	10,652,303

Irrigation	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
												Budget				
July	608,722	557,335	684,951	644,851	271,300	112,462	216,306	313,980	401,108	72,878	24,071	205,668	203,541	181,453	137,522	150,451
August	991,998	572,145	641,260	424,640	137,632	99,619	191,344	167,372	312,829	66,826	43,564	156,387	149,396	145,800	112,395	121,508
September	386,791	387,838	256,758	313,861	94,368	150,326	200,791	29,449	186,147	17,211	64,223	99,564	79,319	89,293	69,922	80,464
October	55,128	91,181	45,852	118,034	46,398	18,880	14,997	21,296	49,862	4,593	26,561	23,462	25,155	25,926	21,139	24,449
November	9,724	29,995	20,271	7,031	12,723	0	434	8,258	598	1,795	1,668	2,551	2,974	1,917	2,181	2,258
December	20,196	17,204	6,134	1,129	30,646	0	75	0	0	1,129	7	242	276	331	397	251
January	11,220	26,254	41,140	0	18,341	0	0	0	0	202	7	42	50	60	72	46
February	5,236	14,212	17,204	0	18,506	0	0	0	0	284	30	63	75	90	109	73
March	7,480	7,854	7,480	0	13,292	67	0	0	0	374	7	76	92	110	132	83
April	12,716	12,716	12,641	14,960	9,537	0	0	0	0	1,129	226	271	325	390	468	336
May	5,984	6,358	326,726	22,560	16,299	0	0	120	0	3,388	702	842	1,010	1,188	1,426	1,034
June	31,940	253,123	485,751	383,283	157,424	0	0	232,359	27,085	54,544	62,798	75,357	90,429	62,042	69,034	71,932
Total	2,147,135	1,976,215	2,546,168	1,930,349	826,465	381,353	623,947	772,834	780,562	224,355	223,864	564,526	552,641	508,603	414,798	452,886

Snowmaking	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
						Budget				
July										
August										
September										
October		88,174	1683	10,016	5,423	26,324	26,324	13,954	16,408	17,687
November	282,894	179,632	400,434	327,818	775,721	393,300	415,381	462,531	474,950	504,377
December	318,072	559,624	51,649	99,394	91,069	223,962	205,140	134,243	150,761	161,035
January		42,614								
February		205,977								
March										
April										
May										
June										
Total	600,966	1,076,020	453,767	437,228	872,213	643,586	646,845	610,728	642,120	683,098

W Depreciation	2016		2017		2018		2019		2020		AVERAGE %	Current %	Variance
Water	\$320,560.29	6.33%	\$294,587.19	4.97%	\$323,672.30	5.66%	\$331,162.94	5.42%	\$371,128.75	6.67%	5.8%	17.50%	-11.70%
Wastewater	\$961,070.16	18.96%	\$1,130,056.51	19.06%	\$1,067,310.85	18.68%	\$1,003,375.42	16.43%	\$992,669.91	17.85%	18.2%	17.50%	0.70%
Electric	\$2,586,904.65	51.04%	\$2,922,491.35	49.30%	\$2,794,896.86	48.91%	\$2,842,469.67	46.55%	\$2,519,728.83	45.31%	48.2%	20.60%	27.60%
Cable	\$655.27	0.01%	\$3,666.49	0.06%	\$2,462.12	0.04%	\$5,928.30	0.10%	\$4,049.88	0.07%	0.1%	0.50%	-0.40%
Snow Removal	\$335,261.49	6.62%	\$423,334.10	7.14%	\$328,533.58	5.75%	\$558,971.00	9.15%	\$493,036.82	8.87%	7.5%	11.30%	-3.80%
Propane	\$632,994.29	12.49%	\$933,649.90	15.75%	\$932,207.22	16.31%	\$1,136,059.51	18.61%	\$857,940.38	15.43%	15.7%	19.10%	-3.40%
Solid Waste	\$84,939.07	1.68%	\$71,615.51	1.21%	\$95,282.87	1.67%	\$87,572.52	1.43%	\$156,845.17	2.82%	1.8%	4.20%	-2.40%
Fire	\$136,760.70	2.70%	\$140,106.22	2.36%	\$164,937.18	2.89%	\$132,012.22	2.16%	\$132,538.45	2.38%	2.5%	8.30%	-5.80%
Parks	\$8,831.74	0.17%	\$8,667.27	0.15%	\$5,381.28	0.09%	\$8,360.53	0.14%	\$33,114.65	0.60%	0.2%	1.00%	-0.80%
TOTAL	\$5,067,977.66	100.00%	\$5,928,174.54	100.00%	\$5,714,684.26	100.00%	\$6,105,912.11	100.00%	\$5,561,052.84	100.00%	100.00%	100.00%	

W/O Depreciation	2016		2017		2018		2019		2020		AVERAGE %	Current %	Variance
Water	\$186,598.96	5.96%	\$167,177.39	4.41%	\$206,059.41	5.67%	\$214,683.78	5.31%	\$259,352.46	7.43%	5.8%	17.50%	-11.70%
Wastewater	\$603,457.49	19.29%	\$785,978.81	20.73%	\$730,024.10	20.08%	\$689,827.96	17.07%	\$695,805.46	19.92%	19.4%	17.50%	1.90%
Electric	\$1,303,941.33	41.68%	\$1,420,837.93	37.47%	\$1,315,920.26	36.20%	\$1,362,855.67	33.72%	\$1,033,570.05	29.59%	35.7%	20.60%	15.10%
Cable	\$177.81	0.01%	\$3,538.89	0.09%	\$2,225.94	0.06%	\$5,329.87	0.13%	\$3,313.23	0.09%	0.1%	0.50%	-0.40%
Snow Removal	\$256,946.37	8.21%	\$351,471.66	9.27%	\$265,393.61	7.30%	\$489,336.79	12.11%	\$415,435.54	11.90%	9.8%	11.30%	-1.50%
Propane	\$572,944.49	18.31%	\$873,507.46	23.04%	\$877,049.57	24.13%	\$1,079,935.09	26.72%	\$799,533.49	22.89%	23.0%	19.10%	3.90%
Solid Waste	\$83,711.76	2.68%	\$70,609.07	1.86%	\$94,779.62	2.61%	\$87,572.52	2.17%	\$156,845.17	4.49%	2.8%	4.20%	-1.40%
Fire	\$112,730.69	3.60%	\$111,300.34	2.94%	\$138,912.73	3.82%	\$103,992.40	2.57%	\$95,411.20	2.73%	3.1%	8.30%	-5.20%
Parks	\$7,797.88	0.25%	\$7,633.41	0.20%	\$4,864.35	0.13%	\$8,360.53	0.21%	\$33,114.65	0.95%	0.3%	1.00%	-0.70%
TOTAL	\$3,128,306.78	100.00%	\$3,792,054.96	100.00%	\$3,635,229.59	100.00%	\$4,041,894.61	100.00%	\$3,492,381.25	100.00%	100.00%	100.00%	

**Kirkwood Meadows Public Utility District
FY 19/20 Capital Improvement Projects**

	35 Yr Total	5 Yr Total	2021-2022	2022-2023	2023-2024	2024-2025
Capacity Component						
Water	4,599,800	759,800	109,800	650,000	90,000	0
Wastewater	2,117,500	785,000	325,000	460,000	0	0
Employee Housing	0	0	0	0	0	0
Fire	650,000	0	0	0	0	0
Electric	1,515,000	15,000	15,000	0	0	0
Propane	312,000	0	0	0	0	72,000
Snow Removal	0	0	0	0	0	0
Cable	0	0	0	0	0	0
Parks and Rec	0	0	0	0	0	0
Solid Waste	0	0	0	0	0	0
Operations Shared	0	0	0	0	0	0
Total Capacity Expense	9,194,300	1,559,800	449,800	1,110,000	90,000	72,000
Replacement Component						
Water	1,604,200	633,550	120,550	21,000	61,000	260,000
Wastewater	7,859,153	6,310,153	2,897,750	2,870,903	240,000	50,000
Employee Housing	197,600	73,000	38,500	5,000	13,500	2,500
Fire	2,417,000	55,000	9,000	9,000	9,000	19,000
Electric	853,500	486,500	80,000	163,000	14,000	213,000
Propane	1,735,000	627,000	81,000	181,000	203,000	131,000
Snow Removal	1,935,000	279,500	8,000	158,000	13,500	26,500
Cable	69,000	11,000	1,000	1,000	1,000	1,000
Parks and Rec	126,000	78,000	75,000	1,500	0	1,500
Solid Waste	165,000	25,000	5,000	5,000	5,000	5,000
Operations Shared	805,200	507,000	109,000	12,000	8,500	305,000
Total Replacement Expense	17,766,653	9,085,703	3,424,800	3,427,403	568,500	1,014,500
Total Capital Expense	26,960,953	10,645,503	3,874,600	4,537,403	658,500	1,086,500
PRIORITY 1 PROJECTS ONLY	9,749,660	6,677,910				
GREEN PRIORITY 1 PROJECTS ONLY						

Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Water

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component				Scale 1~5 1=Critical					
<i>Distribution</i>									
Well 6 Hydrology Study & Permitting	9,800	9,800		1	9,800				
Test Wells	100,000	100,000		2	100,000				
Well 6 Installation	650,000	650,000		2		650,000			
Pressure Reducing Stations (2)	90,000	90,000		3			90,000		
Well Transmission Mains to Upper Zones	250,000	0		5					
<i>Storage</i>									
Tanks (1.4 Mgal additional)	3,500,000	0	When storage requirements exceed 950,000 gallons	5					
Total Water Capacity Expense	4,599,800	849,800			109,800	650,000	90,000	0	0
Replacement Component									
Hydrant Meters	40,200	10,050	Ten Years	1	10,050				
Pressure Recorder	16,500	16,500	One Time	1	16,500				
Pressure Reducing Valve Replacement	75,000	75,000	Five Over Five Years	1	15,000	15,000	15,000	15,000	15,000
Sampling Stations (8)	28,000	28,000	One Time	1	28,000				
Wells Telemetry & Controls	50,000	20,000	Ten Years	1	20,000				
Distribution System Valve Replacement	300,000	50,000	Three Years	1	25,000		25,000		
Fire Hydrant Replacements	198,000	30,000	Annual	1	6,000	6,000	6,000	6,000	6,000
Vehicle Purchase (Split with Wastewater)	135,000	15,000	Ten Years	3			15,000		
Tank (Dangburg) Recoating	120,000	120,000	Thirty Years	4				120,000	
Well 4/5 Building Replacement	107,000	107,000	One Time	4				107,000	
Well Pumps	72,000	12,000	Five Years	4				12,000	
Remote Read Meter Replacement	312,500	0	Twenty over Five Years	5					
Tank (Lodge) Recoating	150,000	150,000	Thirty Years	5					150,000
Total Water Replacement Expense	1,604,200	633,550			120,550	21,000	61,000	260,000	171,000
Total Water Capital Expense	6,204,000	1,483,350			230,350	671,000	151,000	260,000	171,000
PRIORITY 1 PROJECTS ONLY	717,500	239,350							
GREEN PRIORITY 1 PROJECTS ONLY									

**Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Wastewater**

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component				Scale 1~5 1=Critical					
<i>Collection</i>									
Lower Lift Upgrade/Replacement (50%)	75,000	75,000	Thirty Years	4					75,000
East Lift Upgrade/Replacement (50%)	125,000	0	Thirty Years	5					
Main Lift Upgrade/Replacement (50%)	125,000	0	Thirty Years	5					
<i>Treatment</i>									
Centrifuge Upgrade/Replacement (50%)	325,000	325,000	As Needed	1	325,000				
EQ Tank Replacement (50%)	582,500	245,000		2		245,000			
Headworks/Hycore Upgrade/Replacement (50%)	215,000	215,000	As Needed	2		215,000			
Aeration Blower	120,000	0	When air-flow requirements exceed 1,130 SCFM	5					
<i>Disposal</i>									
Effluent Pumps	50,000	0	When peak day effluent flow exceeds 274,000 gal/day	5					
Leachfield Expansion	500,000	0	When peak month avg. effluent flow exceeds 190,000 gal/day	5					
Total Wastewater Capacity Expense	2,117,500	785,000			325,000	460,000	0	0	75,000
Replacement Component									
<i>Collection</i>									
Collection System Infiltration/Inflow Repairs	200,000	160,000	Annual for 10 Years	1	40,000	40,000	40,000	20,000	20,000
Collection Line Replacement (Lower Lift)	37,500	37,500	One Time	1	37,500				
Lift Station Pump Crane Winches	5,000	5,000	One Time	1	5,000				
Lift Transducers	70,000	20,000	Five Years	1	10,000				10,000
Main Lift Hot Water/Supply	5,000	5,000	One Time	1	5,000				
Lift Station Pumps	110,000	10,000	Three Years	3			10,000		
Lower Lift Upgrade/Replacement (50% Repl)	75,000	75,000	Thirty Years	5					75,000
East Lift Upgrade/Replacement (50% Repl)	125,000	0	Thirty Years	5					
Main Lift Upgrade/Replacement (50% Repl)	125,000	0	Thirty Years	5					
East Lift Equipment/Controls Moved from Vault	120,000	120,000	One Time	5					120,000
<i>Treatment</i>									
Centrifuge Upgrade/Replacement (50%)*	325,000	325,000	One Time	1	325,000				
Refurbish WWTP Conditioned Space*	200,000	200,000	One Time	1	200,000				
Replace Anoxic / MBR Recirc / Filtrate Pumps*	460,000	460,000	One Time	1	460,000				
Replace Basin Area Exhaust Fans*	70,000	70,000	One Time	1	70,000				
Replace MBR Pneumatic Valves*	120,000	120,000	One Time	1	120,000				
Electrical Upgrades*	110,000	110,000	One Time	1	110,000				
Misc. Sitework / Piping / Electrical*	657,000	657,000	One Time	1	328,500	328,500			
SCADA/PLC/Controls System Replacement*	375,000	375,000	One Time	2		375,000			
CIP Tank Canopy*	95,000	95,000	One Time	2		95,000			
Demolish A-Frame*	245,000	245,000	One Time	2		245,000			
EQ Tank Replacement (50% Replacement)*	245,000	245,000	One Time	2		245,000			

**Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Wastewater**

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Repair/Repaint Exterior Walls*	110,000	110,000	One Time	2		110,000			
Replace Chemical Feed Pumps*	300,000	75,000	Ten Years	2		75,000			
Headworks/Hycore Upgrade/Replacement (50%)*	215,000	215,000	One Time	2		215,000			
Upgrade Instrumentation*	25,000	25,000	One Time	2		25,000			
General Conditions/Overhead/Profit 20%*	822,400	822,400	One Time	1	387,700	434,700			
Engineering & Environmental 15%*	740,160	740,160	One Time	1	348,930	391,230			
Construction Management & Inspection 10%*	489,093	489,093	One Time	1	232,620	256,473			
Cranes for MLSS	10,000	10,000	One Time	1	10,000				
CIP Heater	10,000	10,000	One Time	1	10,000				
Portable Submersible Pump	8,000	8,000	One Time	1	8,000				
Railing Swing Gates	2,500	2,500	One Time	1	2,500				
Membrane Replacement	600,000	150,000	Fifteen Years	3			150,000		
Hycore Brush Replacement	9,000	1,500	Five Years	5					1,500
Aluma Valve	40,500	15,000	Fifteen Years	5				15,000	
<i>Disposal</i>									
Leachfield Cleanouts	75,000	75,000	One Time Over 5 Years	1	15,000	15,000	15,000	15,000	15,000
Leachfield Meters	48,000	12,000	Ten Years	1	12,000				
Monitoring Well Replacement & New WDR	150,000	150,000	One Time	1	150,000				
VFD Replacement	160,000	30,000	Two Years	1	10,000		10,000		10,000
Leachfield Telemetry	20,000	20,000	One Time	2		20,000			
Pumps/Controls, Absorption Beds	45,000	0	Ten Years	5					
Effluent Disposal Line	25,000	0	One Time	5					
<i>General</i>									
Vehicle Purchase (Split with Water)	150,000	15,000	Ten Years	3			15,000		
Lift Equipment	30,000	0	Ten Years	5					
Total Wastewater Replacement Expense	7,859,153	6,310,153			2,897,750	2,870,903	240,000	50,000	251,500
Total Wastewater Capital Expense	9,976,653	7,095,153			3,222,750	3,330,903	240,000	50,000	326,500
PRIORITY 1 PROJECTS ONLY	6,190,060	5,709,060							
GREEN PRIORITY 1 PROJECTS ONLY									

Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Employee Housing

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component				Scale 1~5 1=Critical					
[No Capital Capacity Improvements]									
		0							
Total Employee Housing Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Dishwashers	6,000	1,500	Two Years (Until all 8 Replaced, then 10 Years)	1	500		500		500
Flooring	36,600	13,500	Two Years (Until all 8 Replaced, then 10 Years)	1	4,500		4,500		4,500
Hot Water Heaters	72,000	18,000	Two Years (Until Remaining 6 Replaced, then 10 Years)	1	6,000		6,000		6,000
Washers/ Dryers	18,000	4,500	Two Years (Until Remaining 6 Replaced, then 10 Years)	1	1,500		1,500		1,500
Refrigerators	12,000	3,000	Two Years (Until Remaining 6 Replaced, then 10 Years)	1	1,000		1,000		1,000
Window Replacement	20,000	2,500	Four Years	1				2,500	
Door Replacement	3,000	0	Ten Years	1					
Exterior Waterproof Masonry Sealant	25,000	25,000	One Time	1	25,000				
Concrete Paving for Snow Removal	5,000	5,000	One Time	2		5,000			
Total Employee Housing Replacement Expense	197,600	73,000			38,500	5,000	13,500	2,500	13,500
Total Employee Housing Capital Expense	197,600	73,000			38,500	5,000	13,500	2,500	13,500
PRIORITY 1 PROJECTS ONLY	192,600	68,000							
GREEN PRIORITY 1 PROJECTS ONLY									

**Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Fire**

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component				Scale 1~5 1=Critical					
Type 1 Fire Truck	650,000	0	20 years	5					
Total Fire Capacity Expense	650,000	0			0	0	0	0	0
Replacement Component									
Hose Replacement	49,500	7,500	Annual	1	1,500	1,500	1,500	1,500	1,500
Radio Reprogramming	16,500	2,500	Annual	1	500	500	500	500	500
Structure Gear / PPE	231,000	35,000	Annual	1	7,000	7,000	7,000	7,000	7,000
Extrication Equipment	10,000	10,000	15 years	5				10,000	
Ladder Replacement	30,000	0	10 years	5					
Type 6 Mini-Pumper Vehicle	130,000	0	15 years	5					
Type 1 Fire Truck	1,950,000	0	20 years	5					
Total Fire Replacement Expense	2,417,000	55,000			9,000	9,000	9,000	19,000	9,000
Total Fire Capital Expense	3,067,000	55,000			9,000	9,000	9,000	19,000	9,000
PRIORITY 1 PROJECTS ONLY	297,000	45,000							
GREEN PRIORITY 1 PROJECTS ONLY									

**Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Electric**

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component				Scale 1~5 1=Critical					
Powerhouse Gates	15,000	15,000	One Time	1	15,000				
Upgrades the PH/ future capacity (8MW)	1,500,000	0	When peak demand reaches 5MW	5					
Total Electric Capacity Expense	1,515,000	15,000			15,000	0	0	0	0
Replacement Component									
Diesel Fuel Tank Manifold	10,000	10,000	One Time	1	10,000				
CEMS Screen Replacement	48,000	6,000	Two Years	2		3,000		3,000	
Transformer Retaining Walls	6,000	6,000	One Time	1	6,000				
Fremont Court Transformer	8,000	8,000	One Time	1	8,000				
Snowmobiles	108,000	36,000	Fifteen Years	1	36,000				
KM Blue Switchgear Battery Replacement	18,000	6,000	Ten Years	1	6,000				
KM Green Battery Testing	0	0	One Time	1					
Riser Vaults (8)	40,000	40,000	Annual for 4 years	1	10,000	10,000	10,000	10,000	
Service Lines	68,000	12,000	Two Years	1	4,000		4,000		4,000
Meadow line replacement	150,000	150,000	One Time	2		150,000			
Powerhouse Radiator Roof	200,000	200,000	One Time	4				200,000	
Distribution System FCIs	12,500	12,500	One Time	5					12,500
Phase 3 Loop Road Project	95,000	0	One Time	5					
Service Truck (Split with Propane)	90,000	0	Ten Years	5					
Total Electric Replacement Expense	853,500	486,500			80,000	163,000	14,000	213,000	16,500
Total Electric Capital Expense	2,368,500	501,500			95,000	163,000	14,000	213,000	16,500
PRIORITY 1 PROJECTS ONLY	321,000	139,000							
GREEN PRIORITY 1 PROJECTS ONLY									

**Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Propane**

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component				Scale 1~5 1=Critical					
Propane Tank, 30,000 gallon (3/4 of cost)	225,000	0	When peak use is ≥ 7,500 gal/day	4					
Vaporizer	72,000	72,000	When current vaporizers cannot maintain system pressure	4				72,000	
Regulators	15,000	0	When current vaporizers cannot maintain system pressure	5					
	0	0	One Time	5					
Total Propane Capacity Expense	312,000	72,000			0	0	0	72,000	0
Replacement Component									
Meter Replacement (Commercial)	264,000	40,000	10% a year	1	8,000	8,000	8,000	8,000	8,000
Meter Replacement (Residential)	264,000	40,000	10% a year	1	8,000	8,000	8,000	8,000	8,000
Regulator Replacement	495,000	75,000	10% a year	1	15,000	15,000	15,000	15,000	15,000
Vaporizer Roof	50,000	50,000	One Time	1	50,000				
Propane Service Line Replacement	300,000	300,000	Two Years	2		150,000	150,000		
Leak Survey	70,000	10,000	Five Years	3			10,000		
CSB/Employee Housing Hook-Up	12,000	12,000	One Time	3			12,000		
Propane Tank, 30,000 gallon (1/4 of cost)	75,000	0	One Time	4					
Propane Tank Roof	100,000	100,000	One Time	5				100,000	
Upsize Liquid Line to 2-Inch	15,000	0	One Time	5					
Service Truck (Split with Electric)	90,000	0	Ten Years	5					
Total Propane Replacement Expense	1,735,000	627,000			81,000	181,000	203,000	131,000	31,000
Total Propane Capital Expense	2,047,000	699,000			81,000	181,000	203,000	203,000	31,000
PRIORITY 1 PROJECTS ONLY	1,073,000	205,000							
GREEN PRIORITY 1 PROJECTS ONLY									

Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Snow Removal

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component				Scale 1~5 1=Critical					
[No Capital Capacity Improvements]									
		0							
Total Snow Removal Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Collett Hose Fitting & Press	2,500	2,500	One Time	1	2,500				
RPM Upper Assembly	138,000	18,000	Five Years	1	18,000				
Trackless Tires	51,000	7,500	Annual	1	1,500	1,500	1,500	1,500	1,500
Trackless Reconditioning	120,000	20,000	At >6,000 Hours	1	20,000				
Exhaust / Fume Collection (Split w/Shared)	15,000	15,000	One Time	1	15,000				
950F & 950GC Tires	136,500	19,500	3 Years w/5 Year Spacing	1	6,500	6,500	6,500		
Radios/Tower	10,000	10,000	One Time	1	10,000				
Trackless Replacement	1,260,000	150,000	4 Years w/10 year spacing	3			150,000		
Gantry Crane	5,000	5,000	One Time	5					5,000
924G Tires	72,000	12,000	Five Years	5				12,000	
Diesel Fill Station (Powerhouse)	20,000	20,000	One Time	5					20,000
950F Motor/Transmission Rebuild	105,000	0	Ten Years	5					
Total Snow Removal Replacement Expense	1,935,000	279,500			73,500	8,000	158,000	13,500	26,500
Total Snow Removal Capital Expense	1,935,000	279,500			73,500	8,000	158,000	13,500	26,500
PRIORITY 1 PROJECTS ONLY	473,000	92,500							
GREEN PRIORITY 1 PROJECTS ONLY									

Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Cable

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component				Scale 1~5 1=Critical					
[No Capital Capacity Improvements]									
		0							
Total Cable Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Channel 19 Equipment/ Education	33,000	5,000	Annual	1	1,000	1,000	1,000	1,000	1,000
Cable Equipment	36,000	6,000	Five Years	1					6,000
Total Cable Replacement Expense	69,000	11,000			1,000	1,000	1,000	1,000	7,000
Total Cable Capital Expense	69,000	11,000	0		1,000	1,000	1,000	1,000	7,000
PRIORITY 1 PROJECTS ONLY	69,000	11,000							
GREEN PRIORITY 1 PROJECTS ONLY									

Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Parks and Rec

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component				Scale 1~5 1=Critical					
[No Capital Capacity Improvements]									
		0							
Total Parks and Rec Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Playground & ADA Improvements (Labor Only)	25,000	25,000	One Time	1	25,000				
OGALS Project	50,000	50,000	One Time	1	50,000				
Playground Appurtenance Repair/Replace	51,000	3,000	Two Years	2		1,500		1,500	
Total Parks and Rec Replacement Expense	126,000	78,000			75,000	1,500	0	1,500	0
Total Parks and Rec Capital Expense	126,000	78,000			75,000	1,500	0	1,500	0
PRIORITY 1 PROJECTS ONLY	75,000	25,000							
GREEN PRIORITY 1 PROJECTS ONLY									

Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Solid Waste

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component				Scale 1~5 1=Critical					
[No Capital Capacity Improvements]									
		0							
Total Solid Waste Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Recycling	85,000	15,000	Two Years	1	5,000		5,000		5,000
Dumpsters	80,000	10,000	Two Years	2		5,000		5,000	
Total Solid Waste Replacement Expense	165,000	25,000			5,000	5,000	5,000	5,000	5,000
Total Solid Waste Capital Expense	165,000	25,000			5,000	5,000	5,000	5,000	5,000
PRIORITY 1 PROJECTS ONLY	85,000	15,000							
GREEN PRIORITY 1 PROJECTS ONLY									

Kirkwood Meadows Public Utility District
FY 20/21 Capital Improvement Projects - Operations Shared

	35 Yr Total	5 Yr Total	Cycle	Priority	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component				Scale 1~5 1=Critical					
[No Capital Capacity Improvements]									
		0							
Total Operations_Shared Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Asphalt Repair	70,000	25,000	Five Years	1	15,000				10,000
Computers	52,500	15,000	Every Year for 5 / Then Biannually	1	5,000	2,500	2,500	5,000	
Concrete Paving for Snow Removal	5,000	5,000	One Time	1	5,000				
CSB Carpet Replacement	65,000	20,000	Fifteen Years	1	20,000				
Equipment Trailer	20,000	20,000	One Time	1	20,000				
Exhaust / Fume Collection (Split w/Snow Rem.)	15,000	15,000	One Time	1	15,000				
Facilities Network Connectivity	25,000	25,000	One Time	1	25,000				
Unleaded Fuel Dispenser Regulator	4,000	4,000	One Time	1	4,000				
10,000lb Truck/Trackless Lift	8,000	8,000	One Time	2		8,000			
Office Equipment	16,500	3,000	Two Years	2		1,500			1,500
10 Wheel Dump Truck	50,000	50,000	One Time	5					50,000
Fall Protection	11,700	1,500	Five Years	3			1,500		
Tire Machine and Balancer	13,500	4,500	Fifteen Years	3			4,500		
Scaffolding	3,000	0	Ten Years	5					
Backhoe	260,000	180,000	Fifteen Years	5				180,000	
Concrete Floor & Pallet Racks	120,000	120,000	One Time	5				120,000	
CSB Window Replacement	15,000	5,000	Ten Years	5					5,000
Shoring	15,000	0	Fifteen Years	5					
Vehicle Tires	36,000	6,000	Five Years	5					6,000
Total Operations_Shared Replacement Expens	805,200	507,000			109,000	12,000	8,500	305,000	72,500
Total Operations_Shared Capital Expense	805,200	507,000			109,000	12,000	8,500	305,000	72,500
PRIORITY 1 PROJECTS ONLY	256,500	129,000							
GREEN PRIORITY 1 PROJECTS ONLY									

Kirkwood Meadows Public Utility District
Electric Generation
2020/2021

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	2020/2021 Totals
Total Production (kWh)	479,077	416,148	379,192	417,352	792,456	1,240,224	968,453	951,588	912,745	597,530			7,154,764
CAISO Purchase (kWh)	436,777	415,778	329,782	380,742	745,706	1,240,184	905,433	951,588	912,745	597,530			6,916,264
Powerhouse Production (kWh)	42,300	370	49,410	36,610	46,750	40	63,020	0	0	0			238,500
Actual Metered (kWh)	436,777	344,170	299,702	329,019	631,154	1,082,720	823,197	848,243	792,078	479,532			6,066,592
Budgeted Metered (kWh)	348,872	321,467	314,510	346,139	721,301	971,393	915,655	825,560	821,436	549,549			6,135,880
Total System Losses (kWh)	42,300	71,978	79,490	88,333	161,302	157,504	145,256	103,345	120,667	117,998			1,088,172
Identified System Losses (Estimated kWh):													
KM Blue Transformer	9,226	9,226	8,928	8,928	8,928	9,226	8,630	9,226	8,928	8,928			90,173
KM Green Transformer	10,892	10,892	10,541	10,541	10,541	10,892	10,189	10,892	10,541	10,541			106,462
Step-Up Transformers	8,090	8,090	8,090	8,090	8,090	8,090	8,090	8,090	8,090	8,090			80,900
Total Identified System Losses (kWh)	28,208	28,208	27,559	27,559	27,559	28,208	26,910	28,208	27,559	27,559			277,535
Unidentified System Losses (kWh):													
Total Unidentified System Losses (kWh)	14,092	43,771	51,931	60,774	133,743	129,296	118,347	75,137	93,108	90,439			810,637
% Unidentified System Losses (Goal 12%)	3%	11%	14%	15%	17%	10%	12%	8%	10%	15%			11%

Kirkwood Meadows Public Utility District
Propane Production
2020/2021

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2020/2021 Totals
Propane Usage (cf)	469,301	378,908	413,907	686,523	2,012,665	2,917,635	3,071,334	2,881,701	2,844,400	1,364,378			17,040,751
Actual Metered (cf)	456,291	390,896	429,571	761,213	1,984,247	2,925,126	3,125,971	2,988,221	3,039,726	1,265,967			17,367,229
Budgeted Metered (cf)	452,566	436,555	560,613	953,730	2,066,820	3,506,204	3,669,452	3,423,770	3,173,150	2,094,098			20,336,959
Unmetered Total	13,010	(11,988)	(15,664)	(74,690)	28,418	(7,491)	(54,637)	(106,520)	(195,326)	98,411			(326,478)
% Unmetered (Goal 2%)	3%	-3%	-4%	-11%	1%	0%	-2%	-4%	-7%	7%			-2%

Kirkwood Meadows Public Utility District
Water Production
2020/2021

	JULY	AUGUST	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2020/2021 Totals
Total Production (Gallons)	1,122,242	1,084,662	983,479	782,480	1,480,926	1,484,528	1,760,330	1,730,089	1,573,432	875,324			12,877,492
Actual Metered (Gallons)	958,719	891,519	711,326	671,263	1,251,913	1,287,263	1,380,202	1,690,914	1,436,901	750,064			11,030,083
Budgeted Metered (Gallons)	791,881	665,584	576,074	377,060	568,078	1,432,456	1,748,779	1,414,384	1,314,989	683,651			9,572,935
Total System Losses (Gallons)	163,523	193,143	272,153	111,217	229,013	197,265	380,128	39,175	136,531	125,260			1,847,409
Identified System Losses - (Estimated Gallons)													
District Facility Use	12,000	12,000	12,000	12,000	12,000	12,000	29,000	12,000	12,000	12,000			137,000
Hydrant / Sample Flushing	5,000	7,400	20,200	5,200	5,000	20,000	5,000	12,000	12,000	12,000			103,800
Backwards Meter Reads	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000			10,000
Discovered Leaks Before Meters	0	0	0	0	0	0	0	0	0	0			0
Fire Department	800	800	800	1,800	1,800	1,800	1,800	1,800	1,800	1,800			15,000
Total Identified System Losses (Gallons)	18,800	21,200	34,000	20,000	19,800	34,800	36,800	26,800	26,800	26,800			265,800
Unidentified System Losses (Gallons)	144,723	171,943	238,153	91,217	209,213	162,465	343,328	12,375	109,731	98,460			1,581,609
% Unidentified System Losses (Goal 15%)	13%	16%	24%	12%	14%	11%	20%	1%	7%	11%			12%

Kirkwood Meadows Public Utility District
Waste Water Treatment
2020/2021

	JULY*	AUG*	SEPT*	OCT*	NOV*	DEC*	JAN*	FEB*	MAR	APR	MAY	JUN	2020/2021 Totals
Influent Metered (Gallons)	1,250,209	991,244	740,900	717,422	646,326	1,584,966	1,761,998	1,732,013	1,857,910	2,137,151			13,420,139
Actual Metered (Gallons)	934,648	848,524	648,105	644,754	521,648	1,196,583	1,407,796	1,691,400	1,437,574	750,416			10,081,447
Total System Unmetered (Gallons)	315,561	142,720	92,795	72,668	124,678	388,383	354,202	40,613	420,336	1,386,735			3,338,692
Identified Unmetered Usage - (Estimated Gallons)													
District Facility Use	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000			120,000
Hydrant Flushing Into System	0	2,400	5,200	200	200	0	0	0	0	0			8,000
Backwards Reads	0	0	0	0	0	0	0	0	0	0			0
Total Identified Unmetered Usage (Gallons)	12,000	14,400	17,200	12,200	12,200	12,000	12,000	12,000	12,000	12,000			128,000
Unidentified Unmetered Usage (Gallons)	303,561	128,320	75,595	60,468	112,478	376,383	342,202	28,613	408,336	1,374,735			3,210,692
% Unidentified Unmetered Usage	24%	13%	10%	8%	17%	24%	19%	2%	22%	64%			24%

* Actual Metered updated to include high strength WW. YTD % Unidentified Unmetered dropped 2%.

**Kirkwood Meadows Public Utility District
Aquifer Levels / Water Pumped / Water Treated
April 2021**

WATER PRODUCED							WWTP
Date	Well 4 Aquifer Level	Well 4/5 Pumped	Well 2 Aquifer	Well 2 Pumped	Well 3 Pumped	Total Pumped	Daily Influent Flow
1	133.7		25	41500	8000	49500	84982
2	134.8		25	41800	8000	49800	67688
3	135.8	23438	25	33400	10000	66838	112263
4	135.5	23431	25		10000	33431	91541
5	133.8		25	50200	10000	60200	71005
6	135.1		27	38400	10000	48400	88440
7	136.3		29	41000	11000	52000	89440
8	137.2		29	28100	9000	37100	90847
9	138.1		29		12000	12000	89120
10	138.3	33079	29	44900	2000	79979	104407
11	136.9	8772	28	18100	6000	32872	94911
12	137.5	18400	28	38300	11000	67700	69744
13	136.9	662	28	600	1000	2262	65555
14	137.3		28	42300	9000	51300	67694
15	139.1		28				57061
16	139.6	21158	28			21158	57402
17	139		28				63915
18	138.7		28		18000	18000	63912
19	139.8		28		25000	25000	71000
20	140.7		28		7000	7000	73237
21	141.5		28				59399
22	142.2	28515	28		9000	37515	57665
23	142.3	20758	28		15000	35758	60454
24	141.4		28				59431
25	141.8	8122	28		18000	26122	60851
26	142.7		28		1000	1000	49384
27	143.3		28		19000	19000	52987
28	144		28				45349
29	144.5		28				58502
30	145	24689	28	700	16000	41389	58965
AVG	139		28				
TOTAL		211,024		419,300	245,000		

Monthly Well Water Pumped

875,324

Monthly Water Treated / Processed in WWTP

2,137,151

Well 4 Depth Sounding				
Field	Plant Display	Date	Well 4/5 Purging	
133.0	141.4	24-Apr	Water/Qtrly Samples	12,000.00
			Hydrant Flushing	
			Fire Department	1,800.00
				-

Hours Wells Run

2	57.3		13,800.00
3	170.2		
4 & 5	43.1		

RESOLUTION NO. 21-06

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
PLACING IN NOMINATION ERIK M. CHRISTESON AS A MEMBER OF THE
ASSOCIATION OF CALIFORNIA WATER AGENCIES REGION 3**

BE IT RESOLVED by the Board of Directors of the Kirkwood Meadows Public Utility District as follows:

1. Recitals. This resolution is made with reference to the following background recitals:

(a) The Board of Directors (Board) of the Kirkwood Meadows Public Utility District does encourage and support the participation of its members in the affairs of the Association of California Water Agencies (ACWA).

(b) Erik M. Christeson is currently serving as Board Director for ACWA Region 3.

2. Resolves.

NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF DIRECTORS OF THE KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT

(a) Does place its full and unreserved support in the nomination of Erik M. Christeson for Board Director of ACWA Region 3

(b) Does hereby determine that the expenses attendant with the service of Erik M. Christeson in ACWA Region 3 shall be borne by the Kirkwood Meadows Public Utility District.

PASSED AND ADOPTED by the Board of Directors of the Kirkwood Meadows Public Utility District on the 8th day of May 2021.

Erik M. Christeson, General Manager
Kirkwood Meadows Public Utility District

(SEAL)

Attest:

Peter Dornbrook, Secretary

I, Peter Dornbrook, Secretary to the Board of Directors of the Kirkwood Meadows Public Utility District, hereby certify that the foregoing Resolution was introduced at a regular meeting of the Board of Directors of said District, held on the 8th day of May 2021, and was adopted at that meeting by the following roll call vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

By: _____
Eric Richert, President to the Board
of Directors of the Kirkwood Meadows
Public Utility District

Attest:

Peter Dornbrook, Secretary to the
Board of Directors of the Kirkwood
Meadows Public Utility District

MEMORANDUM

Date: May 3, 2021

To: ACWA REGION 3 MEMBER AGENCY PRESIDENTS AND GENERAL MANAGERS
(sent via e-mail)

From: ACWA REGION 3 NOMINATING COMMITTEE

- **Andy Fecko**, Placer County Water Agency
- **Greg Jones**, Nevada Irrigation District
- **Brian Poulsen**, El Dorado Irrigation District

The Region 3 Nominating Committee is looking for ACWA members who are interested in leading the direction of ACWA Region 3 for the 2022-2023 term. The Nominating Committee is currently seeking candidates for the Region 3 Board, which is comprised of Chair, Vice Chair and up to five Board Member positions.

The leadership of ACWA's ten geographical regions is integral to the leadership of the Association as a whole. The Chair and Vice Chair of Region 3 serve on ACWA's Statewide Board of Directors and recommend all committee appointments for Region 3. The members of the Region 3 Board determine the direction and focus of region issues and activities. Additionally, they support the fulfillment of ACWA's goals on behalf of members and serve as a key role in ACWA's grassroots outreach efforts.

If you, or someone within your agency, are interested in serving in a leadership role within ACWA by becoming a Region 3 Board Member, please familiarize yourself with the [Role of the Regions](#) and Responsibilities; the [Election Timeline](#); and the [Region 3 Rules and Regulations](#) and complete the following steps:

- **Complete the attached Region Board Candidate Nomination Form [HERE](#)**
- **Obtain a Resolution of Support from your agency's Board of Directors** (Sample Resolution [HERE](#))
- **Submit the requested information to ACWA as indicated by Wednesday, June 30, 2021**

The Region 3 Nominating Committee will announce their recommended slate by July 31, 2021. On August 2, 2021, the election will begin with ballots sent to General Managers and Board Presidents. One ballot per agency will be counted. The election will be completed on September 30, 2021. On October 4, 2021, election results will be announced. The newly elected Region 3 Board Members will begin their two-year term of service on January 1, 2022.

If you have any questions, please contact Regional Affairs Representative Jennifer Rotz at JenniferR@acwa.com or (916) 441-4545.

ACWA Regions provide the grassroots support to advance ACWA's legislative and regulatory agenda.

Background

As a result of ACWA's 1993 strategic planning process, known as Vision 2000, ACWA modified its governance structure from one that was based on sections to a regional-based configuration. Ten regions were established to provide geographic balance and to group agencies with similar interests.

Primary Charge of Regions

- To provide a structure where agencies can come together and discuss / resolve issues of mutual concern and interest and based on that interaction, provide representative input to the ACWA board.
- To assist the Outreach Task Force in building local grassroots support for the ACWA Outreach Program in order to advance ACWA's legislative and regulatory priorities as determined by the ACWA Board and the State Legislative, Federal Affairs or other policy committees.
- To provide a forum to educate region members on ACWA's priorities and issues of local and statewide concern.
- To assist staff with association membership recruitment at the regional level.
- To recommend specific actions to the ACWA Board on local, regional, state and federal issues as well as to recommend endorsement for various government offices and positions.

Region chairs and vice chairs, with support from their region boards, provide the regional leadership to fulfill this charge.

Note: Individual region boards CANNOT take positions, action or disseminate communication on issues and endorsements without going through the ACWA Board structure.

GENERAL DUTIES / RESPONSIBILITIES FOR REGION OFFICERS

Region Chair

- Serves as a member of the ACWA Board of Directors at bimonthly meetings at such times and places as the Board may determine. The Chair will also call at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- Serves as a member of ACWA's Outreach Program, and encourages region involvement. Appoints Outreach Captain to help lead outreach effort within the region.
- Presides over all region activities and ensures that such activities promote and support accomplishment of ACWA's Goals.
- Makes joint recommendations to the ACWA President regarding regional appointments to all ACWA committees.
- Appoints representatives in concurrence of the region board, to serve on the region's nominating committee with the approval of the region board.
- Facilitates communication from the region board and the region membership to the ACWA board and staff.

Region Vice Chair

- Serves as a member of the ACWA Board of Directors at bimonthly meetings at such times and places as the Board may determine. The Vice Chair will also participate in at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- Performs duties of the Region Chair in the absence of the chair.
- Serves as a member of ACWA's Outreach Program, and encourages region involvement.
- Makes joint recommendations to the ACWA president regarding regional appointments to all ACWA committees.

Region Board Member

- Participate in at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- Supports program planning and activities for the region.
- Actively participates and encourages region involvement in ACWA's Outreach Program.
- May serve as alternate for the chair and/or vice chair in their absence (if appointed) to represent the region to the ACWA Board.

ACWA Region 3 Rules & Regulations

Each region shall organize and adopt rules and regulations for the conduct of its meetings and affairs not inconsistent with the Articles of Incorporation or bylaws of the Association (ACWA Bylaw V, 6.).

Officers

The chair shall appoint a secretary to the Board if one is deemed necessary.

Meetings

Region 3 will hold full membership meetings at least three times a year, two of those meeting to be held at the ACWA spring and fall conferences.

Attendance

If a region chair or vice chair is no longer allowed to serve on the Board of Directors due to his / her attendance, the region board shall appoint from the existing region board a new region officer. (ACWA Policy & Guideline Q, 1.)

If a region chair or vice chair misses three consecutive region board / membership meetings, the same process shall be used to backfill the region officer position. (ACWA Policy & Guideline Q, 1.)

If a region board member has three consecutive unexcused absences from a region board meeting or general membership business meeting, the region board will convene to discuss options for removal of the inactive board member. If the vacancy causes the board to fail to meet the minimum requirement of five board members, the region must fill the vacancy according to its rules and regulations. (ACWA Policy & Guideline Q, 3.)

Elections

All nominations received for the region chair, vice chair and board positions must be accompanied by a resolution of support from each sponsoring member agency, signed by an authorized representative of the Board of Directors. Only one individual may be nominated from a given agency to run for election to a region board. Agencies with representatives serving on the nominating committees should strive not to submit nominations for the region board from their agency. (ACWA Policy & Guideline P, 2.)

Election ballots will be e-mailed to ACWA member agency general managers and presidents.

The nominating committee shall consist of three to five members.

The nominating committee should pursue qualified members within the region to run for the region board, and should consider geographic diversity, agency size and focus in selecting a slate.

See current region election timeline for specific dates.

Endorsements

ACWA, as a statewide organization, may endorse potential nominees and nominees for appointment to local, regional, and statewide commissions and boards. ACWA's regions may submit a recommendation for consideration and action to the ACWA Board of Directors to endorse a potential nominee or nominee for appointment to a local, regional or statewide commission or board. (ACWA Policy & Guideline P, 3.)

Committee Recommendations & Representation

All regions are given equal opportunity to recommend representatives of the region for appointment to a standing or regular committee of the Association. If a region fails to provide full representation on all ACWA committees, those committee slots will be left open for the remainder of the term or until such time as the region designates a representative to complete the remainder of the term. (ACWA Policy & Guideline P, 4. A.)

At the first region board / membership meeting of the term, regions shall designate a representative serving on each of the standing and regular committees to serve as the official reporter to and from the committee on behalf of the region to facilitate input and communication. (ACWA Policy & Guideline P, 4. B.)

Tours

ACWA may develop and conduct various tours for the regions. All tour attendees must sign a “release and waiver” to attend any and all region tours. Attendees agree to follow environmental guidelines and regulations in accordance with direction from ACWA staff; and will respect the rights and privacy of other attendees. (ACWA Policy & Guideline P, 6.)

Finances

See “Financial Guidelines for ACWA Region Events” document.

Amending the Region Rules & Regulations

ACWA policies and guidelines can be amended by approval of the ACWA Board of Directors.

The Region 3 Rules & Regulations can be amended by a majority vote of those present at any Region 3 meeting as long as a quorum is present.

2021 ACWA Region Election Timeline 2022-2023 Term

February 26:

NOMINATING COMMITTEES APPOINTED

- With concurrence of the region board, the region chairs appoint at least three region members to serve as the respective region's Nominating Committee
- Those serving on nominating committees are ineligible to seek region offices
- Nominating Committee members are posted online at www.acwa.com

March 1-31:

NOMINATING COMMITTEE TRAINING

- Nominating Committee packets will be e-mailed to each committee member
- ACWA staff will hold a Zoom training session with the nominating committees to educate them on their specific roles and duties
 - Regions 1-10 Nominating Committees: via Zoom

May 3:

CALL FOR CANDIDATES

- The Call for Candidate Nominations packet will be e-mailed to ACWA member agency Board Presidents and General Managers

June 30:

DEADLINE FOR COMPLETED NOMINATION FORMS

- Deadline to submit all Nomination Forms and Board Resolutions of Support for Candidacy for region positions
- Nominating Committee members may need to solicit additional candidates in person to achieve a full complement of nominees for the slate

July 1:

CANDIDATE INFORMATION TO NOMINATING COMMITTEES

- All information submitted by candidates will be forwarded by ACWA staff to the respective region Nominating Committee members with a cover memo explaining their task

July 11 - 31:

RECOMMENDED SLATES SELECTED

- Nominating Committees will meet to determine the recommended individuals for their region. The slate will be placed on the election ballot.
- Nominating Committee Chairs will inform their respective ACWA Regional Affairs Representative of their recommended slate by July 23
- Candidates will be notified of the recommended slate by July 30
- The Nominating Committee Chair will approve the official region ballot

August 2:

ELECTIONS BEGIN

- All 10 official electronic ballots identifying the recommended slate and any additional candidates for consideration for each region will be produced and e-mailed to ACWA member agencies only
- Only one ballot per agency will be counted

September 30:

ELECTION BALLOTS DUE

- ***Deadline for all region elections. All region ballots must be received by ACWA by **September 30, 2021*****

October 4:

ANNOUNCEMENT OF ELECTION RESULTS

- Newly-elected members of the region boards will be contacted accordingly
- An ACWA Advisory will be distributed electronically to all members reporting the statewide region election results
- Results will be posted at acwa.com and will be published in the October issue of ACWA News

REGION BOARD CANDIDATE NOMINATION FORM



Submit completed form by **June 30, 2021** to regionelections@acwa.com

Name of Candidate: Erik Christeson

Title: General Manager

Agency: Kirkwood Meadows Public Utility District

Agency Phone: 209-258-4444

Direct Phone:

E-mail: echristeson@kmpud.com

Address: PO Box 247, Krikwood CA 95646

ACWA Region: 3

County: Alpine

Region Board Position Preference

If you are interested in more than one position, please indicate priority - 1st, 2nd and 3rd choice.

☐ Chair:

☐ Vice Chair:

☒ Board Member:

If you are not chosen for the recommended slate, would you like to be listed in the ballot's individual candidate section?

*If neither is selected, your name will **NOT** appear on the ballot.*

☐ Yes

☒ No

Agency Function(s)

Check all that apply

☐ Wholesale

☐ Urban Water Supply

☐ Ag Water Supply

☒ Sewage Treatment

☒ Retailer

☐ Wastewater Reclamation

☐ Flood Control

☐ Groundwater Management / Replenishment

☒ Other: Electricity, Propane

Describe your ACWA-related activities that help qualify you for this office:

Current member of Region 3 Board, Alternate Chair. Current member of the Energy Committee, Local Government Committee, and CARB Fleet Working Group.

Write below or attach a half-page bio summarizing the experience and qualifications that make you a viable candidate for ACWA Region leadership. Please include the number of years you have served in your current agency position, the number of years you have been involved in water issues and in what capacity you have been involved in the water community.

Since 2017, I have served as General Manager for Kirkwood Meadows PUD and for 14 years prior to that worked for Amador Water Agency as the Supervising Engineer and Manager of Engineering & Planning. I worked as a Registered Civil Engineer for Boyle Engineering in San Diego. I currently serve on the ACWA Region 3 Board and multiple committees. Outside of work, I am active in Native Sons of the Golden West, having served in its highest office, Rotary for 16 years (currently as president), and am a member of the American Society of Civil Engineers.

I acknowledge that the role of a region board member is to actively participate on the Region Board during my term, including attending region board and membership meetings, participating in region conference calls, participating in ACWA's Outreach Program, as well as other ACWA functions to set an example of commitment to the region and the association.

I hereby submit my name for consideration by the Nominating Committee.


Signature

General Manager

Title

May 3, 2021

Date

**Kirkwood Meadows Public Utility District
General Manager Objectives
Fiscal Year 2021-2022**

Finance

1. Re-evaluate the long term plan for the Fire Department to achieve target financial, personnel, and equipment improvements.
2. Review Budget in detail obtaining approval by both Finance Committee and Board by the July 2022 Board meeting.
3. Complete FYE 2021 Audit by November 2021.
4. WWTP Funding
 - Secure USDA low-interest loan funding.
 - Secure interim funding until USDA loans fully fund.
5. Review Connection Fees and provide recommendations by December 31, 2021.

**Kirkwood Meadows Public Utility District
General Manager Objectives
Fiscal Year 2021-2022**

Communications*

*HAS NOT MET

1.

**Kirkwood Meadows Public Utility District
General Manager Objectives
Fiscal Year 2021-2022**

Operations

1. Resolve and repair wastewater collection system issues to reduce inflow and infiltration, with target infrastructure improvements completion by 2023.
 - Measure and quantify I&I reduction by August 2024.
2. Update the Solid Waste ordinance and rate structure that considers a mandatory service, level of effort, and equitable distribution of costs by December 2021.
3. Complete propane and electric meter protection program as per policy adopted in 2020 by the Board by June 2022.
4. Complete Phase 1 of WWTP Design & Construction by June 2022.
5. Complete Hydrology Study and plan for resultant recommendations by June 2022.

**Kirkwood Meadows Public Utility District
General Manager Objectives
Fiscal Year 2021-2022**

Personnel

1. Reinstitute Employee Appreciation Event by September 2021.
2. Complete Salary & Benefits Survey by June 2022.
3. Develop detailed Succession Plan steps for Managers & Supervisors by June 2022.

**Kirkwood Meadows Public Utility District
General Manager Objectives
Fiscal Year 2021-2022**

Planning*

*WILL MEET 5/7, WILL BE UPDATED AFTERWARDS

1. Revise Propane and Wastewater District design and construction standards by June 2022.
- 2.
- 3.
- 4.
- 5.



Kirkwood Meadows

Public Utilities District

Electric Rate Study

Draft Report

May 8, 2021

Executive Summary

Kirkwood Meadows Public Utility District (“KMPUD or “District”) is a special district located within Alpine, Amador, and El Dorado Counties. The District currently services over 760 active electric connections and receives its power from both the CAISO grid and emergency standby diesel generation at the District Powerhouse.

Revenue for the electric utility comes primarily from rate revenue. This enterprise also receives property tax revenue. The electric utility also charges a fixed monthly rate (or “Base Rate”) in addition to a Usage Rate. The last rate study for the electric enterprise was conducted by the District in 2014.

Scope and Approach

The scope of the Study was to prepare multi-year financial plans, develop a consistent cost-of-service analyses, review the existing rate structures, and propose a 5-year rate schedule. The primary objectives of the Study were to identify future annual rate adjustments to rates to help ensure adequate revenues to meet the ongoing service requirements, District policies, and financial obligations; determine the cost of providing service to customers, and recommend specific modifications to the existing rate structures in order to ensure that the proposed rate equitably recovers the cost of providing service and comporting with industry standards and California’s legal requirements.

The Study applied methodologies that are equitable and logical for rate setting, and although not required, the District has opted to also comply with California Constitution Article XIII D, Section 6(b), commonly known as Proposition 218.

Financial Plans

The Study produced robust financial plans that will help enable the utility to meet revenue requirements and financial performance objectives throughout the planning period while striving to minimize rate increases. Financial performance objectives include covering all anticipated operating, maintenance, debt service,

and capital program costs; maintaining financial reserves in accordance with District policy; and meeting USDA Tier Ratio debt service obligations.

Based upon the financial data, assumptions, reserve targets, and debt obligations, the Study proposes rate realignment and adjustment. Rate structure changes are proposed to be effective July 1, 2021.

Cost of Service and Rate Design

Once the rate revenue requirements have been determined, the next step in the rate setting process is to evaluate the cost of providing this service to customers. A cost-of-service analysis evaluates the cost of providing service and proportionately allocates those costs to customer classes and rate structure components to ensure the proposed rate structure is aligned with the costs of providing electric service. This is necessary in order to be equitable among all ratepayers. The cost-of-service analysis and rate structure proposed by the Study is designed to:

- Fairly and equitably share debt service across all customers; and
- Fairly and equitably recover operational and capital costs through rates; and
- Provide financial stability and recovery of system fixed costs.

Electric Rates

The structure for the District's current electric rates includes a three-part structure that is comprised of a fixed Base Rate correlating to customers' "average usage over the last three years,"¹, a fixed Meter Charge, and a consumption-based Usage Rate.

The full schedule of the recommended electric rates is shown below and all rates are effective the first day of the fiscal year (July 1). The Board must make a policy decision whether to pursue renewable energy credits to meet our current obligations or to implement use of 100% renewable energy credits. Both scenarios are provided below.

\$0.137/kWh Scenario

	Current Rates	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
Monthly Meter Charge (per meter)	\$ 2.94	\$ 3.03	\$ 3.12	\$ 3.21	\$ 3.31	\$ 3.41
Monthly Base Rate (per EDU)	\$ 14.93	\$ 127.00	\$ 129.21	\$ 131.46	\$ 133.75	\$ 136.07
Usage Rate (per kWh)	\$ 0.656	\$ 0.137	\$ 0.137	\$ 0.137	\$ 0.137	\$ 0.137

\$0.147/kWh Scenario

	Current Rates	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
Monthly Meter Charge (per meter)	\$ 2.94	\$ 3.03	\$ 3.12	\$ 3.21	\$ 3.31	\$ 3.41
Monthly Base Rate (per EDU)	\$ 14.93	\$ 127.00	\$ 129.21	\$ 131.46	\$ 133.75	\$ 136.07
Usage Rate (per kWh)	\$ 0.656	\$ 0.147	\$ 0.147	\$ 0.147	\$ 0.147	\$ 0.147

The Study used methodologies that are equitable, logical, and comply with all applicable laws. The proposed adjustments to the rates proportionately assign costs to each customer class and customer based on service demands and will allow the District to continue to provide safe, reliable electric service to customers.

The electric rates will be noticed and adopted in accordance with Proposition 218, which will include a detailed notice describing the proposed rates to be mailed to each affected property owner or customer at least 45 days prior to conducting a public hearing to adopt the rates.

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1. INTRODUCTION

The Kirkwood Meadows Public Utility District (District) was formed in 1985 by an act of LAFCO (Local Agency Formation Commission) to provide Water and Wastewater services to the community of Kirkwood, California. Over the years, the District has taken on many other functions, including Electric service.

The District is governed by a five-member Board of Directors (Board) elected by registered voters in the District to serve staggered four-year terms. The Board Members are:

Eric Richert, President

Robert Epstein, Vice President & Treasurer

Peter Dornbrook, Secretary

Bertrand Perroud, Assistant Secretary

John Schroeder, Director

The Board adopts a budget annually for all departments, and the General Manager monitors procedures to assure that expenditures of the District do not exceed the appropriations by department and/or Enterprise of the major summary categories (salaries and benefits, operating services and supplies, capital outlay, and capital improvement projects) in conformance with the adopted policies set by the Board.

Kirkwood Meadows Public Utility District (“KMPUD or “District”) conducted a 2021 Electric Rate Study (Study). This report describes in detail the assumptions, procedures, and results of the Study, including conclusions and recommendations.

1.1. UTILITY BACKGROUND

KMPUD is a special district located within Alpine, Amador, and El Dorado Counties. KMPUD's service area encompasses an area of approximately 1.875 square miles. The community size and operation of the Kirkwood Ski Resort creates unique seasonal demands on the electric utility, with peak activity and population occurring during snow season. There are normally approximately 150 full-time residents living within the District's service area, but seasonal daily population maximums may reach 8,000 – 9,000 persons during the winter months. The village core includes a combination of residential, lodging, and commercial uses serving residents and guests. The District services 769 active electric connections, of which 636 are residential and 133 are commercial. The residential accounts include 23 homeowner associations (HOAs). KMPUD receives its power from both the CAISO grid and diesel generation at the District Powerhouse.

Revenue for the electric utility comes primarily from rate revenue. The enterprise also receives property tax revenue and miscellaneous fee revenue. The last rate study for the electric enterprise was conducted by the District in 2014.

1.2. SCOPE OF STUDY

The scope of this Study was to review the most recently adopted District operational and capital budgets, develop a consistent cost-of-service analyses, review the existing rate structures, and propose 5-year rate schedules for the electric utility. The primary objectives of this Study were to:

- Review the existing multi-year budget for the electric enterprise that integrates operational and capital project funding needs and meet established District Reserve Policy goals and USDA Tier Ratios; and
- Identify future annual rate adjustments to electric rates to help ensure adequate revenues to meet the electric utility's ongoing service and financial obligations; and
- Determine the cost of providing electric service to customers using equitable and logical methodologies; and
- Recommend specific modifications to the existing rate structures in order to ensure that the proposed rates equitably recover the cost of providing service, provide for equitable sharing of annual debt

service, and comporting with industry standards and California's legal requirements.

1.3. STUDY GOALS

KMPUD proposes changes to the current Base and Usage Rates for electricity to accomplish the following goals:

- Better balance our fixed income with our fixed expenses;
- Ensure fixed costs (debt) are equitably allocated across customers; and
- Create a rate structure that makes electricity competitive by lowering the Usage Rate of electricity, while making it cost effective to consider using over other fuels; and
- Consider changes to existing policy that reflect Federal, State, and local climate goals and requirements, as well as encouraging conversion to cleaner, electric energy.; and
- Target revenue neutrality with the same estimated unit sales; and
- Minimize changes in their annual costs for the majority of customers.

1.3.1.BUDGET

The budget for fiscal year 2020-2021 calls for usage of 6,814,149 kWh or usage revenue of \$4,476,896 and Base Rate revenue of \$198,808. Sources of cash include power sales, property taxes, and cash reserves. Cash reserves for electricity are targeted at \$2,000,000. Currently annual interest payments are estimated at approximately \$1,600,000 and depreciation costs of approximately \$2.1M. The depreciation costs are approximately the same as principal payments on debt.

Each subsequent year of the budget includes allowance for Cost of Living Adjustments, Salary & Wages increases, etc. and is used in calculating financial need in each of the revenue scenarios.

1.3.2.FIXED COSTS

A primary goal is to meet our financial obligations in the event of a force majeure or significant ski area closure. We have two obligations. One is sufficient cash to

make our debt service payments and operational obligations. The second is to meet our Tier ratios that are defined within our loan agreements with RUS.

The District has two sources of revenue and three sources of cash. Revenues can either come from sales of power defined to be the monthly fixed Base Rate and the variable Usage Rate or revenue can come from property taxes allocated to electricity. The latter is expected to be limited to approximately \$450,000 per year and our goal is \$0 in a year where revenues and expenses meet budget. In prior years up to \$600,000 was allocated to electricity.

Another goal of this Study is to be both revenue neutral and to have, to the greatest extent possible, the minimum impact on our customers' annual cost of electricity. The exception is the consideration of the minimum annual customer contribution to equitably cover the costs of the infrastructure and debt service.

Multiple scenarios were analyzed relative to fixed costs; Cost Allocation method (similar to Water & Wastewater rate studies), Avoided Costs method, and the Cost of Goods Sold method.

1.3.3.VARIABLE COSTS

The usage portion of electricity is currently \$0.656/kWh which includes an "avoided cost" of \$0.137/kWh. The "avoided cost" is the savings to the District for not purchasing and delivering a kWh.

Shifting total revenues between usage and Base Rates does not lower the costs of power for KMPUD customers. However, if we can encourage customers to use electric heating instead of propane or wood and electric vehicles instead of gasoline, this represents a cleaner, greener Kirkwood. In addition, the increase in overall electric consumption enables us to lower the overall rates since the annual fixed costs are spread across a larger base. This is true because we have the capacity to significantly increase electric consumption without adding any fixed costs. Thus, encouraging new electric heat, especially on new construction, and more EV charging is both a financial and environmental benefit. However, to compete with propane and gasoline, the cost of power needs to be lower.

Therefore, the scenarios analyzed used Usage Rates as close to District incurred cost as possible.

1.3.4.EQUIVALENT DWELLING UNIT (“EDU”) METHODOLOGY

1.3.4.1.EDU Calculation

Per Ordinance 16-01, the District currently calculates EDUs for each electric customer on an annual basis where 1 EDU is equivalent to the average electric usage of all customers, including commercial, for the prior 3 fiscal years (July 1 to June 30).

To calculate an individual customer’s EDUs, their average annual usage for the previous 3 fiscal years is divided by the average annual usage for all electric customers for the previous 3 fiscal years.

3 Year Avg. of Individual Customer Usage / 3 Year Avg. of All Customer Usage = ## EDUs

The proposed calculation is revised to mirror industry standards which generally only considers residential customers “dwellings”. Thus, EDUs were calculated over the period from July 1, 2017 to June 30, 2020 as:

3 Year Avg. of Individual Customer Usage / 3 Year Avg. All Residential Customer Usage = ## EDUs

For this period, the average annual EDU equals 230 kWh.

Going forward, the EDU measurement period would be changed to April 1 through March 31, so as to simplify the budgeting process and EDU calculations.

1.3.4.2.EDU Assignment and Duration

Per Ordinance 16-01, the District currently does not merge previous customer usage with new customer usage. Instead, each new residential customer is assigned 1 EDU until they have at least 12 months of usage data on July 1, and at that time the District recalculates their EDU based on that usage. Usage in

recalculated on an annual basis and the EDU is adjusted. The minimum EDU is 1 and EDU are rounded to the nearest 1/10 EDU.

The District has recently made improvements to its Report Server system that allows it to track customer usage by parcel, rather than by customer. Therefore, this Study proposes that when a parcel changes ownership, the EDUs be based on historical usage.

1.3.4.2.1.Existing Customers

For existing customers with at least three years of data as of March 31, 2021, their EDU will be set based on the most recent 36 month Average Monthly Utilization (“AMU”) from April 1, 2018 to March 31, 2021.

1.3.4.2.2.Existing Structures with Ownership Transfers

For existing or future customers of with less than three years of data ending March 31, their usage would be based on a combination of their AMU and the prior owners AMU until such time as the customer has at least 36 months of usage at which time their EDU would be set as in 1.3.4.2.1 above. Once established as proposed, AMUs would remain fixed. An EDU is calculated by dividing the AMU by the average residential usage. The average residential usage may change over time.

In the last 7 years, 270 properties have changed ownership, some more than once. Of those, 121 have 36 months, or more, of usage data. This Study compares the previous owner’s usage to the new owner’s usage on these 121 transfers. For this analysis, the 1st, 2nd, and 3rd year averages of the New Owners, after transfer, and the resultant 3-year average was used.

The following table considers the adequacy and appropriateness of the allocations under this method by comparing the new owner’s usage to the previous owner’s usage for the 121 sales that have 36 months, or more, of usage data under the new ownership.

EDU Change		Previous Owner (0.5 Min) vs. Rolling 3 Yr. Avg. (0.5 Min)
< (1.0)	Underallocation	3
(1.0) to (0.8)	Underallocation	2
(0.8) to (0.6)	Underallocation	7
(0.6) to (0.4)	Underallocation	7
(0.4) to (0.2)	Underallocation	12
(0.2) to 0	Underallocation	11
0	No Change	37
0 to 0.2	Overallocation	21
0.2 to 0.4	Overallocation	6
0.4 to 0.6	Overallocation	7
0.6 to 0.8	Overallocation	4
0.8 to 1.0	Overallocation	2
> 1.0	Overallocation	2
Subtotal		121
Maximum Underallocation		-1.6
Maximum Overallocation		1.9

The table above indicates that Previous Owner usage is a reasonably accurate predictor of future usage with 72% of customers being between -0.4 to 0.4 EDU change; 57% between -0.2 and 0.2 EDU change; and 31% with no change.

1.3.4.2.3. New Construction

Existing residences were broken into three (3) categories: High Density Condominiums, Low Density Condominiums, and Single Family. These are defined as:

- High Density Condominium means there are at least > 8 units per building.
 - The average EDU for this type, over the last 3 years is 0.8 EDU/unit.

- Low Density Condominium means there are 3 to 7 units per building.
 - The average EDU for this type, over the last 3 years is 1.1 EDU/unit.
- Single Family means there are 1 to 2 units per building.
 - The average EDU for this type, over the last 3 years is 1.4 EDU/unit.

This Study sets the initial new Residential construction EDUs based on the calculations of average use for the three categories of residents. After each full year of usage (as of March 31), the AMU will be adjusted until there are three full years at which point the AMU is fixed.

Current and future Commercial use would continue to be fixed as per current policy, based on anticipated usage calculations and similar facilities.

1.3.4.3.EDU Minimum

Per Ordinance 16-01, the District currently calculates EDUs for each electric customer on an annual basis in 0.1 increments with a minimum of 1.0. This Study evaluated the impacts of different minimum EDUs, recognizing the potential capacity demands of each connection while balancing that with the desire to minimize impacts to the largest percentage of customers possible.

In Water & Wastewater industry standard calculations; apartments, hotel rooms, and condominiums are generally assigned a factor of 0.8 to 0.9 EDUs in recognition of their smaller footprint and generally smaller potential capacity demands. This similarly applies to electricity and was one of the recommendations offered by the District's Out Valley Project and current Electrical Engineer David Rightley.

After reviewing several different options, this Study has determined that a minimum EDU of 0.5 equitably distributes fixed costs as well as minimizes impact to most customers.

1.3.5.NET METERING

Another consideration is to ensure that net metering customers, who connect solar or wind generation to the KMPUD electric grid, cover their minimum obligation to equitably cover the costs of the infrastructure and debt service. These customers effectively use the grid sell power to KMPUD that they do not instantaneously need and purchase power when they cannot generate their own.

There are currently 9 homes in Kirkwood that have solar and participate in the Net Energy Metering (“NEM”) program. NEM rules are established by the California Public Utility Commission and KMPUD is a participant approving installations and managing the metering and payments.

Under the current NEM 2.0 rules, a kWh generated by the home in excess of the home’s instantaneous usage is purchased by KMPUD at the current Usage Rate (\$0.656/kWh) and is used to meet instantaneous demand for other customers. All payments are deferred until the end of the fiscal year at which point a true-up occurs. If annual generation is less than demand, then the customer is billed at the Usage Rate for the shortfall. If annual generation exceeds demand, the excess results in a credit to the customer at the “avoided cost” rate of \$0.13 cents.

Meters installed at net metering customer residences measure power pulled from the grid but do not measure “behind-the-meter” power, which is power generated and consumed immediately on-site. When solar customers consume a kWh concurrent with generating a kWh, the usage is hidden “behind the meter”. Instantaneous demand exceeding the solar output is met by supplying the customer power from our own power sources, the same as other customers. KMPUD also measures the generation that the home supplies that is surplus at the time. That power is distributed to other KMPUD customers and displaces power from the grid.

From July 2013 through March 2021, solar installations at Kirkwood generated 157,352 kWh. Of the 157,352 kWh generated, approximately 32,000 were in excess of customer demand at true-up and were purchased at \$0.13/kWh for \$4,200. The remaining 125,000 were purchased by KMPUD as part of the NEM 2.0 offset process where a solar customers generation is allowed to offset their

consumption at retail rates within the true-up period. The 125,000 kWh purchased at the Usage Rate (as required by the NEM 2.0 regulation) of \$0.67 were purchased in lieu of buying power at \$0.13. In other words, that power was purchased at an additional cost of \$0.54/kWh for a total of \$67,000 to the non-solar KMPUD customers.

In large systems outside of Kirkwood, there are system benefits to distributed generation as it reduces local impacts of distribution and can help defer subsystem upgrades. Those can be significant benefits, but they are very dependent on the local situation. In the case of KMPUD, there are no local benefits since we have a small distribution system and cannot export power to the CAISO grid.

Because of our mountain location and because our busy period is winter and not summer, there is very little correlation between electric demand and solar electric generation. This means the majority (over 90%) of the power consumed by a solar home over the year is supplied by the KMPUD generation sources and not the rooftop solar.

The District desires to encourage solar for those homes who want it, but also needs to avoid significant cost shifting from one home to another, while being financially neutral to whether a home installs solar. In order to encourage customers to choose electricity over propane or wood and to encourage electric vehicles, KMPUD is proposing that the Usage Rate be set to the avoided-cost rate which is \$0.137/kWh and the proposed Usage Rate is \$0.137/kWh. An advantage of this proposal is that KMPUD is relatively neutral between the purchase of local solar generation and the purchase of power from the grid. This means that solar and non-solar homes are treated the same.

The economics of installing future rooftop solar change significantly with the proposed rates. Customer considering rooftop solar would need to focus primarily on non-economic benefits.

One final point, a significant growth in rooftop solar could produce more power than there is demand during midday in summer. This would make it impossible to safely operate the power system without significant investment in battery storage.

1.3.5.1.AMU for Customers with Solar

The AMU for solar customers was calculated to reflect an assumed 4-year return on investment (“ROI”) from the date of installation. For solar customers who have solar systems that have been installed for more than 4 years, the AMU calculation is based on electric usage only. (Instantaneous generation and usage are not included.) In an effort to allow solar customers who installed within the last 4 years under the old rate structure to achieve ROI, the AMU for solar customers who have solar systems that have been installed for less than 4 years is calculated by subtracting the average monthly solar generation from the average monthly electric usage. This net AMU calculation will remain in place until the solar customer reaches 4 years of installation, after which, the AMU calculation will revert to electric usage only. The AMU calculation for future net-metering customers would not be based on electric usage since the customer’s decision to install solar would be based on the new rate structure.

2. BUDGET

This District utilized the adopted budget which provides budgeted operating costs for the current fiscal year, a multi-year capital improvement program (CIP), and outstanding debt service obligations.

2.1. ELECTRIC ENTERPRISE FINANCIAL PLAN

The following sections describe the financial plan for the District's Electric Enterprise.

2.1.1.BEGINNING FUND BALANCES

The FY 2020/21 beginning fund balances for Fund 50 are:

Operating Reserve	\$ 954,309
LAIF	\$ 1,518,830
Capital Reserve	\$ 102,010
COP Reserve	\$ 79,580
Total Unrestricted	\$ 2,654,729

2.1.2.RESERVE TARGETS

Reserves for electric were previously established by the Board in order to (a) comply with contractual obligations (e.g., USDA Tier Ratios and loan covenants), (b) protect the utility from unexpected financial events, and (c) accommodate operational and capital program cash flow needs.

2.1.3.CUSTOMER GROWTH

Future customer growth can affect a rate study in terms of (1) anticipated capacity charge revenue and (2) increases in rate revenue due to a larger customer base. This Study assumes that the District will grow, whether by new construction or conversion from propane use by existing customers, by 3% over the next five years.

2.1.4.RATE REVENUES

Rate revenue is the revenue generated from customers for electric service. Rate revenue is collected through a fixed “Base Rate”, a fixed “Meter Charge”, and a variable “Usage Rate”. This Study proposes shifting revenue from Usage to Base Rate and annual Usage Rate revenue adjustments that will meet the District’s revenue requirements. Budgeted and projected rate revenues are listed later in this Study.

2.1.5.NON-RATE REVENUES

In addition to rate revenue, the Electric Enterprise receives other revenue, including miscellaneous fees, interest earnings on investments, and property tax revenue. Property tax revenue collected by the District is first allocated as needed to the District’s Electricity Utility (per an agreement with RUS for the electric transmission loans) and then allocated to other District departments as available. Based on commitments made in the recent Water & Wastewater rate increases, there is, on average a maximum of \$450,000, available to the Electric Enterprise annually.

2.1.6.OPERATION & MAINTENANCE EXPENSES

The combined operating and maintenance expenses include all ongoing transmission, distribution, generation, and administrative expenses. The annual operating and maintenance costs for this Study are based on the Electric Enterprise’s FY 2020/21 budget and are adjusted for future years based on inflation.

2.1.7.COST ESCALATION

Annual cost escalation factors for the various types of expenses were developed based upon a review of historical inflation trends, published inflation forecasts, industry experience, and discussions with District staff. During the projection period, all operations and capital expenses are projected to increase at 3.0% per year.

2.1.8.EXISTING DEBT SERVICE

The Electric Enterprise currently has outstanding debt through USDA RUS which in Fiscal Year 2019/2020 had principal payments of \$2,152,807 and interest payments of \$1,841,427. The annual debt service varies annually based on maturity of notes over the next 35 years, but average interest payments are approximately \$1,600,000. USDA loan covenants require the District to maintain minimum Tier Ratios under various criteria, which are satisfied by the proposed scenarios.

2.1.9.CAPITAL IMPROVEMENT PROGRAM

	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Capacity Component					
Powerhouse Gates	15,000				
Total Electric Capacity Expense	15,000	0	0	0	0
Replacement Component					
Diesel Fuel Tank Manifold	10,000				
CEMS Screen Replacement		3,000		3,000	
Transformer Retaining Walls	6,000				
Fremont Court Transformer	8,000				
Snowmobiles	36,000				
High Voltage Switchgear Battery Replacement	6,000				
KM Green Battery Testing					
Riser Vaults (8)	10,000	10,000	10,000	10,000	
Service Lines	4,000		4,000		4,000
Meadow line replacement		150,000			
Powerhouse Radiator Roof				200,000	
Distribution System FCIs					12,500
Phase 3 Loop Road Project					
Service Truck (Split with Propane)					
Total Electric Replacement Expense	80,000	163,000	14,000	213,000	16,500
Total Electric Capital Expense	95,000	163,000	14,000	213,000	16,500

2.1.10.FUTURE BORROWING ASSUMPTIONS

This Study does not propose any new debt for the Electric Enterprise to finance the costs of future capital projects. Debt financing is not utilized because none of the capital projects during the planning period are expected to materially impact cash reserves and it is more cost effective to fund ongoing rehabilitation and replacement projects on a pay-as-you-go basis.

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3. COST OF SERVICE & RATE DESIGN

Once the respective rate revenue requirements have been determined, the next step in the rate setting process is to evaluate the cost of providing these services to individual customer classes. A cost-of-service analysis evaluates the cost of providing service and proportionately allocates those costs to customer classes and rate structure components to ensure the proposed rate structure is aligned with the costs of providing electric service.

The following sections present detailed descriptions of the cost-of-service and rate structure methodology used for electric and the corresponding proposed rate schedules. Note that no change or modification is proposed for monthly Meter Charges.

3.1. CURRENT ELECTRIC RATES

EDU = 726 kWh

Minimum EDU = 1.0

	Per Customer	Monthly Sum	Annual Sum
Current Base Rate	\$ 14.93	\$ 18,407	\$ 220,879
Current Usage Rate	\$ 0.656	\$ 385,073	\$ 4,620,875
Subtotal			\$ 4,841,754

3.2. AVOIDED COSTS

In consultation with Severin Borenstein, Professor of Business Administration and Public Policy at the U.C. Berkeley Haas School of Business and faculty director of the Energy Institute at Haas, this Study sets the Usage Rate equal to the District's actual cost. The reasons this method was used are:

- Electricity is the cleanest form of energy available in California and by pricing it at our actual cost for an incremental kWh, we remove all artificial price barriers from customers deciding to use electricity instead of propane.
- This would eliminate the need for separate metering systems for electric heat and EV charging thus lowering the customer's capital costs.

- This would reduce or eliminate economic barriers to the use of electric heating and EV charging and other beneficial uses. It is very likely to encourage customer retrofits as well as positively impact new construction.

3.2.1.ALLOCATION OF AVOIDED COSTS

	Audited 2019/20 Financials	Meter Charge	Base Rate	Usage Rate	Meter Charge	Base Rate	Usage Rate
Operating Expenses							
Salaries & Benefits	\$ 191,513	5%	95%	0%	\$ 9,576	\$ 181,937	\$ -
Operations & Maintenance	\$ 295,057	0%	0%	100%	\$ -	\$ -	\$ 295,057
Contract Services	\$ 5,209	0%	0%	100%	\$ -	\$ -	\$ 5,209
Operating Expenses	\$ 13,170	0%	0%	100%	\$ -	\$ -	\$ 13,170
Power							
Purchased Power	\$ 409,747	0%	0%	100%	\$ -	\$ -	\$ 409,747
Diesel	\$ 103,350	0%	0%	100%	\$ -	\$ -	\$ 103,350
Allocation Into Fund							
General & Administration	\$ 331,269	5%	95%	0%	\$ 16,563	\$ 314,706	\$ -
Capital							
Interest Expense	\$ 1,841,427	0%	100%	0%	\$ -	\$ 1,841,427	\$ -
Capital Spending	\$ 53,335	0%	100%	0%	\$ -	\$ 53,335	\$ -
Subtotal Operating Expenses	\$ 3,244,077				\$ 26,139	\$ 2,391,405	\$ 826,533
Depreciation	\$ 1,530,121	0%	100%	0%	\$ -	\$ 1,530,121	\$ -
Total Expenses	\$ 4,774,198				\$ 26,139	\$ 3,921,526	\$ 826,533

3.2.2.AVOIDED COST CALCULATION

This Study calculates the avoided cost using data from FY 2020/21.

Avoided Cost/kWh FY 2020/21

Metered kWh	6277386
Purchased Power	\$ 409,747
35.8% Renewable Energy Credit Purchases	\$ 33,000
Average Cost of Purchased Power	\$ 0.071
Operations and Maintenance	\$ 295,057
Contract Services	\$ 5,209
Operating Expenses	\$ 13,170
Diesel	\$ 103,350
Total Supplies/Operating Expenses per kWh	\$ 0.066
Avoided Costs per kWh	\$ 0.137

3.2.3.AVOIDED COST CALCULATION WITH 100% RENEWABLE ENERGY

Alternatively, this Study also considers calculating the avoided cost using data from FY 2020/21 and 100% Renewable Energy Credits.

Avoided Cost with 100% RECs/kWh FY 2020/21

Metered kWh	6277386
Purchased Power	\$ 409,747
100% Renewable Energy Credit Purchases	\$ 94,161
Average Cost of Purchased Power	\$ 0.080
Operations and Maintenance	\$ 295,057
Contract Services	\$ 5,209
Operating Expenses	\$ 13,170
Diesel	\$ 103,350
Total Supplies/Operating Expenses per kWh	\$ 0.066
Avoided Costs per kWh	\$ 0.147

3.2.4.PUBLIC BENEFITS CHARGE (PBC”)

California Public Utilities Code Section 385(a) states that each Publicly Owned Utility (“POU”) “shall establish a non-bypassable, usage based charge on local distribution service of not less than the lowest expenditure level of the three largest electrical corporations in California on a percent of revenue basis, calculated from each utility’s total revenue requirement for the year ended December 31, 1994, and each utility’s total annual public benefit programs expenditures.” This has to be a one-time, fixed percentage of 2.85% of the customer’s electric usage. The PBC must 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 customer are only assessed the PBC on their net consumption.

For purposes of this Study, the 2.85% PBC is included in the proposed Usage Rate. These funds shall be accounted for separately in order to track how these funds are spent.

3.2.5.FINANCIAL IMPACTS TO CUSTOMERS - \$0.137/KWH

	Per Customer	Monthly Sum	Annual Sum
New Base Rate	\$ 127.00	\$ 317,195	\$ 3,806,342
New Usage Rate	\$ 0.137	\$ 77,424	\$ 929,092
Subtotal			\$ 4,735,434

Monthly Net Change	Res. Cust.
(\$20) to (\$10)	130
(\$10) to \$0	324
\$0 to \$10	78
\$10 to \$20	45
\$20 to \$40	42
\$40 to \$60	9
>\$60	8

3.2.6.FINANCIAL IMPACTS TO CUSTOMERS - \$0.147/KWH

	Per Customer	Monthly Sum	Annual Sum
New Base Rate	\$ 127.00	\$ 317,195	\$ 3,806,342
New Usage Rate	\$ 0.147	\$ 83,076	\$ 996,909
Subtotal			\$ 4,803,251

Monthly Net Change	Res. Cust.
(\$20) to (\$10)	76
(\$10) to \$0	307
\$0 to \$10	124
\$10 to \$20	59
\$20 to \$40	53
\$40 to \$60	9
>\$60	8

3.2.7.KWH SOLD OVER BUDGET

The avoided cost per kWh is calculated to cover O&M costs, minus diesel, when the budgeted units sold target is met. For every kWh over budget that is sold, approximately \$0.05 is generated above the budgeted revenue target. Under the Cost of Goods method, any excess revenue made from kWh sales above budget would be applied to debt service.

3.3. PROPOSED ELECTRIC RATE SCHEDULES

The proposed rate schedules assume a 3.0% CPI annually applied only to fixed costs, excluding debt service and the monthly meter charge.

The total monthly Base Rate Revenue is \$3,806,342. Based on approximately \$1,600,000 of annual debt service payments and \$1,650,000 of depreciation, fixed costs under this scenario of \$556,642, or approximately 15%, are subject to CPI which is reflected in both tables below.

\$0.137/kWh Scenario

	Current Rates	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
Monthly Meter Charge (per meter)	\$ 2.94	\$ 3.03	\$ 3.12	\$ 3.21	\$ 3.31	\$ 3.41
Monthly Base Rate (per EDU)	\$ 14.93	\$127.00	\$127.57	\$128.15	\$128.72	\$129.30
Usage Rate (per kWh)	\$ 0.656	\$ 0.137	\$ 0.137	\$ 0.137	\$ 0.137	\$ 0.137

\$0.147/kWh Scenario

	Current Rates	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
Monthly Meter Charge (per meter)	\$ 2.94	\$ 3.03	\$ 3.12	\$ 3.21	\$ 3.31	\$ 3.41
Monthly Base Rate (per EDU)	\$ 14.93	\$127.00	\$127.57	\$128.15	\$128.72	\$129.30
Usage Rate (per kWh)	\$ 0.656	\$ 0.147	\$ 0.147	\$ 0.147	\$ 0.147	\$ 0.147

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ORDINANCE NO. 21-02

AN ORDINANCE OF THE BOARD OF DIRECTORS OF THE KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT REVISING ELECTRIC SERVICE CHARGES AND RATE STRUCTURE

Section 1. Purpose and Authority. The purpose of this ordinance is to revise electric service charges and rate structure that are currently being charged to customers that receive electric service from Kirkwood Meadows Public Utility District (“District”). The District Board of Directors adopts this ordinance pursuant to Government Code section 66018, Public Utilities Code sections 16461 and 16467 through 16472, and other applicable laws.

Section 2. Findings. The District Board of Directors finds as follows:

A) In 2007, the Alpine County Local Agency Formation Commission authorized the District to provide electric service within its service area. In 2009, the District Board of Directors adopted Ordinance No. 09-02 authorizing the acquisition of MU’s electric and propane gas systems and approving an Asset Purchase Agreement with MU (“Asset Purchase Agreement”). The District adopted Ordinances 11-01, 13-01, 14-04, 14-06, and 16-01 which each successively revised electric rates and rate structures.

B) Current & Proposed Service Charges:

\$0.137/kWh Scenario

	Current Rates	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
Monthly Meter Charge (per meter)	\$ 2.94	\$ 3.03	\$ 3.12	\$ 3.21	\$ 3.31	\$ 3.41
Monthly Base Rate (per EDU)	\$ 14.93	\$ 127.00	\$ 129.21	\$ 131.46	\$ 133.75	\$ 136.07
Usage Rate (per kWh)	\$ 0.656	\$ 0.137	\$ 0.137	\$ 0.137	\$ 0.137	\$ 0.137

\$0.147/kWh Scenario

	Current Rates	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
Monthly Meter Charge (per meter)	\$ 2.94	\$ 3.03	\$ 3.12	\$ 3.21	\$ 3.31	\$ 3.41
Monthly Base Rate (per EDU)	\$ 14.93	\$ 127.00	\$ 129.21	\$ 131.46	\$ 133.75	\$ 136.07
Usage Rate (per kWh)	\$ 0.656	\$ 0.147	\$ 0.147	\$ 0.147	\$ 0.147	\$ 0.147

C) Per Ordinance 16-01, the District currently calculates EDUs for each electric customer on an annual basis where 1 EDU is equivalent to the average electric usage of all customers, including commercial, for the prior 3 fiscal years (July 1 to June 30).

The calculation shall be revised to mirror industry standards which generally only considers residential customers “dwellings”. Thus, for the purposes of the 2021 Electric Rate Study EDUs were calculated over the period from July 1, 2017 to June 30, 2020 as:

3 Year Avg. Individual Customer Use / 3 Year Avg. All Residential Customer Use = ## EDUs

Going forward, the EDU measurement period shall be April 1 through March 31, so as to simplify the budgeting process and EDU calculations.

- D) Per Ordinance 16-01, the District currently does not merge previous customer usage with new customer usage. Instead, each new residential customer is assigned 1 EDU until they have at least 12 months of usage data on July 1, and at that time the District recalculates their EDU based on that usage. Usage is recalculated on an annual basis and the EDU is adjusted. The minimum EDU is 1 and EDUs are rounded to the nearest 1/10 EDU.

The calculation shall be revised so that when a parcel changes ownership, the EDUs be based on historical usage, rounded to the nearest 1/10 EDU.

1) Existing Customers

- i) For existing customers with at least three years of data as of March 31, 2021, their EDU will be set based on the most recent 36 month Average Monthly Usage ("AMU") from April 1, 2018 to March 31, 2021.
- ii) For existing or future customers with less than three years of data ending March 31, their usage would be based on a combination of their AMU and the prior owners AMU until such time as the customer has at least 36 months of usage at which time their EDU would be set as noted above. Once established as proposed, AMUs would remain fixed.

2) New Construction

- i) New Residential units EDU assignment shall be as follows:
 - (1) High Density Condominium means there are at least > 8 units per building.
 - (a) The average EDU for this type shall be 0.8 EDU/unit.
 - (2) Low Density Condominium means there are 3 to 7 units per building.
 - (a) The average EDU for this type shall be 1.1 EDU/unit.
 - (3) Single Family means there are 1 to 2 units per building.
 - (a) The average EDU for this type shall be 1.4 EDU/unit.
 - (4) After each full year of usage (as of March 31), the AMU will be adjusted until there are three full years at which point the AMU is fixed.
- ii) New Commercial units EDU assignment shall be based on anticipated usage calculations and/or similar facilities in the Service Area, subject to approval by the General Manager.

- E) Per Ordinance 16-01, the District currently calculates EDUs with a minimum of 1.0.

This policy shall be revised to utilize a minimum EDU of 0.5.

- F) Ordinance 16-01 provides the credit or compensation associated with surplus electricity generated by a net energy metered customer shall be determined pursuant to section 2827(h) of the California Public Utilities Code and shall be set at a level to ensure that the District's net energy metering program does not result in a shifting of costs between net energy metered customers and other bundled customers. The District shall set the credit or compensation associated with surplus electricity generated by a net energy metered customer at an amount equal to the avoided cost of bulk purchased electricity.

This policy is revised so that the AMU for existing solar customers at the time of this Ordinance shall be calculated to reflect an assumed 4-year return on investment ("ROI") from the date of installation. For solar customers who have solar systems that have been installed for more than 4 years as of the date of this Ordinance, the AMU calculation is based on electric usage only. (Instantaneous generation and usage are not included.)

For solar customers who installed within the last 4 years as of the date of this Ordinance, the AMU for solar customers shall be calculated by subtracting the average monthly solar generation from the average monthly electric usage. This net AMU calculation will remain in place until the solar customer reaches 4 years of installation, after which, the AMU calculation will revert to electric usage only.

For future solar customers the AMU calculation would not be based on electric usage since the customer's decision to install solar would be based on the new rate structure.

- G) This Ordinance shall establish a 2.85% Public Benefit Charge, as per California Public Utilities Code Section 385(a), which shall be included in the proposed Usage Rate.
- H) District Staff prepared an Electric Rate Study dated May 8, 2021 ("Study") to revise, determine, calculate, and substantiate the recommended District electric rates and structure.
- I) The recommended electric service charges and rate structure do not exceed the District's estimated reasonable cost of providing service. The Study utilized a cost-of-service analysis which evaluated the cost of providing service and proportionately allocated those costs to customer classes and rate structure components to ensure the proposed rate structure is aligned with the costs of providing electric service.
- J) Based on the analysis that is included in the Rate Study, the District has determined that revenue from electric service charges in any year will not exceed 1.05% of the District's electric service and related costs for that year.
- K) Pursuant to Government Code sections 6062a and 66018, District staff caused a Notice of Public Hearing on Proposed Adoption of Electric Service Charges (the "Notice") to be published in the Tahoe Daily Tribune commencing on June 11, 2021 and ending on June 25, 2021. The notice was first published at least 10 days before the District's hearing on the proposed adoption of electric service charges.
- L) District staff posted the Notice in at least three public places within the District and mailed a copy of the Notice to each customer.

M) On May 8, 2021 and on June 26, 2021 at a regular meeting of the District Board of Directors, the Board of Directors held a duly noticed public hearing regarding the proposed adoption of the revised electric rates. The District Board of Directors considered all public comments on the proposed adoption of the recommended electric charges that were provided at or before each public hearing.

Section 3. Adoption of Rate Study. The District Board of Directors hereby adopts the Study in the form as presented at this meeting.

Section 4. Authorization of Electric Service Charges. The District Board of Directors hereby authorizes the levy of charges for electric services that will be computed according to rates adopted by the District, and amended from time to time, and billed to each customer. Customer bills normally will be rendered for scheduled billing periods of approximately one month. Bills for electric service will be based upon meter readings. All customer bills are payable upon presentation to the customer. Payment shall be made at the office of the District. Unpaid electric service charges shall become delinquent at the same time and may be collected and enforced in the same manner as District water service charges. District may terminate water service as a means to enforce and compel payment of delinquent electric service charges.

Section 5. Adoption of Electric Schedule of Service Charges. The District Board of Directors hereby adopts the electric and propane gas service charges that are set forth in the attached Schedule of Charges (Exhibit A). District staff shall bill and collect those charges in a manner that is consistent with this Ordinance, the District's billing policies and procedures, as may be adopted and amended from time to time, and applicable laws. The Schedule of Charges may be amended from time to time by resolution of the District Board of Directors.

Section 6. Automatic Adjustments for Inflation. Beginning on July 1, 2022 and on each July 1st thereafter, the usage rate and base rate components of the electric service charges that are adopted by this ordinance, exclusive of annual debt service payments and depreciation, shall automatically increase due to inflation. Each such automatic increase shall be based on the change in the U.S. Consumer Price Index for All Urban Consumers, San Francisco Region, for the previous 12 months, as calculated by the U.S. Department of Labor, Bureau of Labor Statistics. The District General Manager or his or her designee shall make this adjustment and prepare, keep and maintain a schedule of the current year's charges at the District office.

Section 7. California Environmental Quality Act. The District Board of Directors finds that the electric charges that are adopted and imposed by this ordinance are for the purposes of meeting operating expenses of the District's electric system, meeting the financial reserve needs, and obtaining funds for improvements that are necessary to maintain and enhance electricity within the existing District service area. The adoption and imposition of the electric charges therefore are exempt from environmental review under the California Environmental Quality Act ("CEQA"), pursuant to Public Resources Code section 21080, subdivision (b)(8), and CEQA Guideline section 15273.

Section 8. Effective Date. The electric rates that are set forth in the attached Schedule of Charges (Exhibit A) shall take effect July 1, 2021.

Section 9. Posting. Within 23 days after the date of passage of this ordinance, the Secretary of the Board of Directors shall post a copy of this ordinance in at least three public places in the District.

Section 10. Repeal. This ordinance supersedes the electric rate portion of Ordinance No. 16-01. The electric portion of Ordinance No. 16-01 is hereby repealed.

PASSED AND ADOPTED by the Board of Directors of the Kirkwood Meadows Public Utility District on the 26th day of June 2021 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT

President, Board of Directors

Attest:

Secretary

EXHIBIT A
Ordinance 21-02

Schedule of Electric Service Charges

The monthly electric service charges shall be the Meter Charge, plus the Base Rate, plus the Usage Rate based on the customer's metered usage in the month, and is based on the following schedule:

\$0.137/kWh Scenario

	Current Rates	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
Monthly Meter Charge (per meter)	\$ 2.94	\$ 3.03	\$ 3.12	\$ 3.21	\$ 3.31	\$ 3.41
Monthly Base Rate (per EDU)	\$ 14.93	\$127.00	\$127.57	\$128.15	\$128.72	\$129.30
Usage Rate (per kWh)	\$ 0.656	\$ 0.137	\$ 0.137	\$ 0.137	\$ 0.137	\$ 0.137

\$0.147/kWh Scenario

	Current Rates	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
Monthly Meter Charge (per meter)	\$ 2.94	\$ 3.03	\$ 3.12	\$ 3.21	\$ 3.31	\$ 3.41
Monthly Base Rate (per EDU)	\$ 14.93	\$127.00	\$127.57	\$128.15	\$128.72	\$129.30
Usage Rate (per kWh)	\$ 0.656	\$ 0.147	\$ 0.147	\$ 0.147	\$ 0.147	\$ 0.147



33540 Loop Road
PO Box 247
Kirkwood, CA 95646
(209) 258-4444
kmpud.com

Special Notice

Customer Mailing
Address

Customer location

May 11, 2021

Dear FirstName,

Kirkwood Meadow Public Utilities District (KMPUD) is considering a significant change in the design of our pricing for electricity. This change will enable increased usage of electricity at a lower cost making it cost effective to use electricity over other fuels such as wood or propane for cooking and heating and making it economical to use an electric vehicle over a gasoline vehicle. It also provides financial security for the electric utility in the event of reduced ski activity.

KMPUD is considering this change to meet our goals of a cleaner, more environmentally friendly Kirkwood. Electricity is the cleanest form of energy available in Kirkwood with 35.8% of energy coming from renewable sources this year. Additionally, through our voluntary renewable energy program, you have the choice of 100% clean energy with zero greenhouse gas emissions. By contrast, propane, wood burning, and gasoline all emit greenhouse gases contributing to climate change. By law, KMPUD will gradually increase renewables to 60% by 2030. As part of this rate study, the Board is considering going to 100% renewables in the coming year. We want your feedback!

KMPUD believes it is consistent with our community's values to take additional actions that can have a positive impact on our environment. Connecting to the California electric grid in 2014 (our "out-valley" project) was a major step in this direction. This enabled us to purchase renewable electricity and eliminate diesel as our main source of power. Kirkwood now has both the California grid connection and the diesel generators that powered the valley pre-2014, giving us two independent sources of power so our community is never without electricity - even when other communities lose power due to weather or Public Safety Power Shutoffs (PSPS)!

Moving Fixed Costs to a Fixed Base Rate

Electricity at Kirkwood is very expensive – currently priced through a variable charge of \$0.656 per kilowatt hour (kWh) plus a monthly fixed cost (Base Rate) starting at \$14.93. We have the highest cost of power of any utility in California and possibly the United States. This is due to the high fixed costs combined with our very small electricity demand. Our fixed costs are approximately \$3.9 million/year regardless of how much electricity we sell. \$3.2 million/year is for interest and principal payments on our loans for electricity infrastructure. Our variable costs for providing our budgeted 6.2 million kWh of metered electricity are \$860,000. Fixed costs have to be paid regardless of how much electricity we consume. The additional cost of each kilowatt-hour is actually quite low.

In years when we sell less power, 2015 for example, we allocate money from property taxes in order to cover our loan commitments. In the near future, we will need more property taxes to cover needed improvements in the Wastewater Treatment Plant and we can no longer depend on property taxes to cover a significant shortfall in electric power sales.

The KMPUD Board is in the process of evaluating moving all of our fixed costs to a monthly fixed base rate and having our usage rate per kWh based only on the additional cost of delivering a kWh. The

allocation of fixed costs across all customers would be based on the average usage over the three years from April 1, 2018 to March 31, 2021. There will be a public hearing on the proposed rate change on **June 26**. We encourage you to attend and learn more.

The KMPUD Board is taking the following into consideration:

- The electric operations needs better financial security. The electric fund current receives 5% of revenues from the fixed base rate and 95% from the variable usage charge. In the event of a weak ski season or pandemic, a significant (10% - 20%) drop in usage revenue puts KMPUD at risk of not meeting its loan covenants. Revenue shortfall has to be covered either by a sudden rate increase or through revenues assigned from property taxes.
- The majority (over 85%) of customers would see no significant change in their **annual** cost of electricity assuming the same usage. Your monthly electric bill will have less variability between summer and winter as the majority of your bill will be the constant base rate fee.
- The new rate structure would be revenue neutral. Assuming the same sales of electricity, the revenue that KMPUD collects would be the same as under the current rate design.
- The fixed charge would have to be paid every month, but beyond that your bill would only go up \$0.137 per kWh you consume. The low incremental cost makes it affordable to consider electric heating over propane and/or wood, and makes it affordable to charge your electric vehicle at your home.
- As demand for electricity increases by replacing propane, wood and gasoline, the additional revenue provides an opportunity to lower electric rates - primarily by additional gross margin after covering our fixed costs.
- With fixed costs covered by a fixed base rate, the electric portion of KMPUD will require significantly less property taxes - even in a weak ski season freeing those taxes to be used to improve other services.
- The allocation of fixed costs needs to be equitable across all customers. Currently customers who consume little or no power do not contribute to the shared responsibility of paying for our investment in connecting to the grid. With a fixed monthly base rate, all customers will pay a minimum of \$63.50/month and contributing to paying down the debt from our grid connection.

How This Affects Your Average Monthly Cost

The table below shows your average monthly cost under the current rates and what it would be under the new rates being considered by the Board (note that on your monthly bill there is also a meter charge of \$2.94 that is not affected by the rate change proposal):

Electric Usage for Location "Customer's location" - Account "account number"

Meter	Average Monthly Usage (kWh)	Current EDU	Proposed EDU	Current Base Cost	Proposed Base Cost	Current Usage Cost	Proposed Usage Cost	Current Avg Monthly Cost	Proposed Avg Monthly Cost
30222672	364	1.0	1.6	\$14.93	\$203.20	\$238.78	\$49.87	\$253.71	\$253.07

At this point, we need to explain EDUs (Equivalent Dwelling Unit). All electricity customers are not the same. A chairlift has a lot more capacity to consume power than a small condominium. We adjust for this capacity and usage by calculating an EDU for each customer. Under the current model, the EDU is adjusted every year based on your average consumption so more usage results in a higher EDU value.

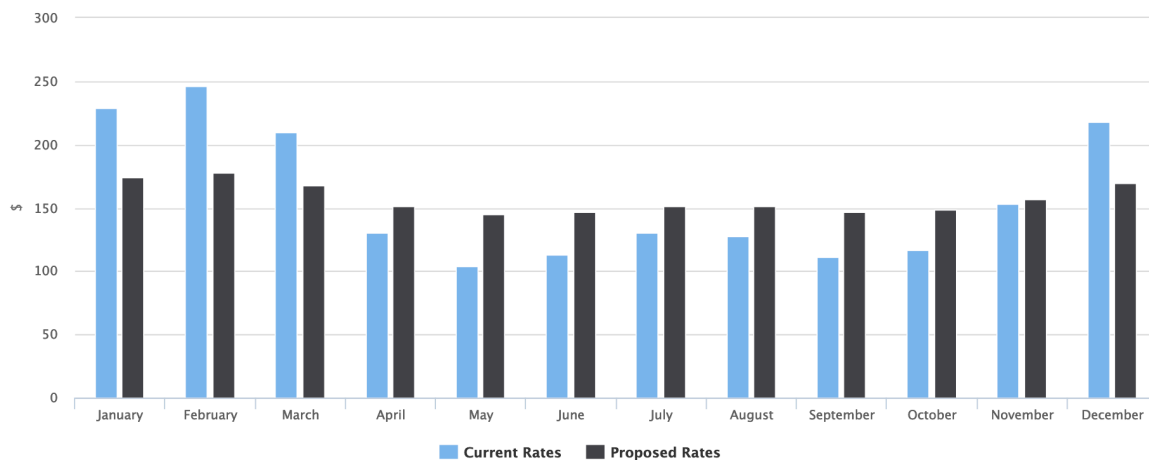
Under the new proposal, an EDU is calculated once based on your average usage per month over the previous three years ending March 31 divided by 230. The number 230 kWh is the average monthly usage across all residential customers. The minimum EDU will be 0.5 EDU regardless of usage.

Unlike the current plan, your average usage is NOT recalculated each year - except if you have owned your home for less than three years, then the average for the first year is the average from the previous owner. Each subsequent year adds one year of your average usage and removes one third of the previous owner's average until there are three years worth of your information. After that your average usage is not recalculated. As will be discussed below, increased usage will not affect your fixed monthly cost.

The monthly cost per EDU of \$127 can change over time; and as we pay off debt, the charge per EDU will go down!

Because the majority of your costs would be in the monthly base rate, your future electric charges will not vary as much from month to month. The chart below shows the variation of the average residential electricity cost by month. To show this comparison, we computed the average variation by month across all residential accounts and show the monthly costs for a home that uses an average of 230 kWh/month:

Monthly Residential Cost Comparison For Average Residence



The Rate Study

The details behind all the numbers that we have presented can be found in the KMPUD Electric Rate Study at <https://www.kmpud.com/wp-content/uploads/KMPUD-Electric-Rate-Study-Draft.pdf>. The study examines the financial issues, future capital requirements and alternative approaches that were examined. The study is scheduled for a public hearing on **June 26th**. The Board encourages you to attend via zoom and provide your opinion.

Lowering The Cost of Power

The goals of this structural change are to both enable the use of the cleanest source of power - electricity - and to lower the cost of power over time for all customers. We expect the usage rate to stay stable because the actual cost of purchasing power has been dropping in California due to the significant cost reductions for renewable energy generation over the last decade.

We also want to lower the fixed cost over the next decade. There are two ways to lower our fixed costs: (1) reduce our debt payments by paying down the debt as portions become due, and (2) spreading the fixed costs across more customers. With a reliable source of income from the fixed monthly rate, we will have sufficient cash to pay down some of the debt as it becomes due between now and 2028. To our great pleasure, at the March Board meeting we were able to authorize paying the first, tiny piece of debt - the first of many to come!

When new construction returns to Kirkwood, those new residential units will be added to the EDUs and allow us to lower the fixed rate per EDU. We don't know when this will happen. As Yogi Berra said, "It is dangerous to make predictions - especially about the future". This change in rate structure puts us in a position to lower the base rate as new construction is completed and new owners start contributing to our fixed costs.

The Upside

In the proposed rate change, the potential is there for customers to:

- Consider electric heating (including electric heat pumps) over propane when your furnace needs replacing
- Use electric heating instead of burning wood
- Use electric snow melt to prevent dangerous accumulations of ice
- Charge your electric vehicle at your Kirkwood home.
- Consider electric heating and cooking over propane for both economic benefits as well as air quality and safety benefits for new construction

Electricity usage beyond your three-year average usage would cost \$0.137/kWh making it economically competitive with propane heating. If any of this upside happens, we will have higher electric usage rather than higher propane and gasoline usage - to the benefit of everyone. As electric usage increases, the District will have the opportunity to explore other ways of reducing costs.

Renewable Electricity

The most cost effective way to have renewable electricity is to purchase it from the large solar and wind farms. It currently would add about 1 cent to the cost of a kWh to go from the required 35% renewable to 100% renewable. Since 2019, KMPUD customers have had the option each October of making their

electric consumption 100% renewable. As mentioned, the Board is considering supplying 100% renewable electricity to all customers and charging \$.147/kWh. Your input on this decision is appreciated.

Customers with suitable roofs can also consider putting solar generation on their homes. The economics of that option greatly depend on the price per kWh. With the proposed price of \$.137/kWh for renewable power, it is unlikely that rooftop solar is economical but there may be other reasons a customer will want rooftop solar and KMPUD is available to work with customers who want to connect a new solar system to the grid.

There are 9 homes currently with rooftop solar that made their decision under the current pricing structure. The rate study proposes a transition plan for the base rate for those customers.

Other Implications

Under the proposed rate change, the fixed cost, portion of your monthly bill will be the same during the whole year, so your bill will vary less between summer and winter. The total for the year will be similar to the total under the current rates as illustrated in the graph above.

For customers who currently use little to no electricity, your monthly bill will be higher as the proposed minimum monthly bill is 0.5 EDU times the base rate of \$127.00 or \$63.50/month - even if you don't use any power. Customers who use less than 1/3 of the average (i.e. less than 75 kWh/month or 15% of customers) will see an increase of 10% or more. Our current \$55M in debt is distributed across 769 customers. All customers benefit from the available of reliable, clean electricity - even if they are not currently using power. As part of this rate change, the objective is that all customers contribute a reasonable amount for the benefit of grid power availability.

We will continue to encourage customers to be energy efficient and not to waste power. When appliances reach their end of life, the District encourages you to replace them with energy efficient appliances. LED lighting provides high quality light at a lower cost than florescent or incandescent lighting. Even at \$.137/kWh, it is cost effective to be energy efficient.

Sincerely,

Kirkwood Meadows Public Utility District
(209) 258-4444