

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT

FY 2019 - 2023 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 2019 ending on June 30, 2019. All years reflected in the budget are fiscal years. The District provides numerous (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. Mosquito
- iv. 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 following table shows the FY 2018 G&A Allocations, and the change that management deems appropriate for 2019-2023:

Fund	FY 2018	FY 2019 - 2023	Change
Fire	8%	8.3%	+.3
Mosquito Abatement	1%	0	-1%
Parks & Recreation	1%	1%	---
Water	17%	17.4%	+.4
Wastewater	17%	17.4%	+.4
Employee Housing	2.5%	0%	-2.5
Electric	20%	20.5%	+.5
Cable	1%	1%	---
Snow Removal	10%	11.3%	+1.3%
Propane	18.5%	19%	+.5
Solid Waste	4%	4.1%	+.1
	100%	100%	

- a. 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 forecast for FY 2018 are based on a combination of FY 2018 Actuals and FY 2018 Budget.
- b. Units Sold for Electric, Propane, Water and Wastewater for FY 2019 are forecasted as the average sales from FY 2015 to FY 2018 plus 1%, which gives a good representation of high and low volume sales years. Units Sold are thereafter increased annually by 1% for FY 2020 through FY 2023.
- c. Units Sold for Irrigation for FY 2019 are calculated as the average sales from FY 2015 to FY2018, which show the impact of drought period usage restrictions. Units Sold are thereafter increased annually by 1% for FY 2020 through FY 2023.

4. Equivalent Fixture Units

- a. A single customer increase is anticipated in the Equivalent Fixture Units for FY 2019. Thereafter a 0.25% annual increase is forecasted for FY 2019 to FY 2023.

5. Rates

The Budget's Rate Assumptions are:

i. **Electric**

1. Base Rates are projected to grow by 1% per year for the assumed CPI increase.
2. Usage Rates are set to remain at \$0.66 per kWh for the duration of the Budget.
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 1% per year for the assumed CPI increase.
2. Usage Rates are set to increase each year by 1% 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 grow by 1% per year for the assumed CPI increase.
 2. Usage rates are budgeted to increase 34% annually for FY 2019 and FY2020 to make this department more self-sufficient per Ordinance 17-01 approved on June 3, 2017.
 3. Meter charges are set to remain constant at \$3.30 per meter per month for the duration of the budget.
- iv. **Wastewater**
1. Base Rates are projected to grow by 1% per year for the assumed CPI increase.
 2. Usage rates are budgeted to increase 19% annually for FY 2019 and FY 2020 to make this department more self-sufficient per Ordinance 17-01 approved on June 3, 2017.
- v. **Irrigation**
1. Usage Rates are budgeted to increase 8% annually for FY 2019 and FY 2020 to better cover the cost to provide this service per Ordinance 17-01 approved on June 3, 2017.
 2. Meter charges are set to remain constant at \$3.30 per meter per month for the length of the budget.
- vi. **Solid Waste**
1. Base Rates are budgeted to increase 4% annually for FY 2019 and FY 2020 to better cover the cost to provide this service per Ordinance 17-01 approved on June 3, 2017.
- vii. **Snow Removal**
1. Contract Rates are budgeted to increase by 1% annually for the assumed CPI increase.
- viii. **Fire Department**
1. There is a rate increase of \$.04 per square foot annually assumed for the KVFD for FY 2020.

These rate assumptions are consistent with currently approved rate structures in place for each service, and no changes in current rate structures are assumed.

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 January and June. 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. This budget assumes that property taxes will be allocated in the following order:
 - i. First to ensure the RUS Tier ratio of 1.05 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 1.05 Tier ratio requirement due to the uncertainty of the GASB 68 expense imposed by CalPERS.
- b. Property taxes for FY 2019 are budgeted at \$825,796 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.

7. Fund Transfers

This Budget calls for fund transfers from the Electric Fund to the Water and Wastewater Funds in FY 2019 and FY 2020. This requires authorization by a Resolution by the Board with the funds being repaid with interest once the COP Loans are paid off.

8. Salaries and Wages

- a. This budget assumes 19 full-time year-round staff which represents no increase to staffing levels compared to FY 2018.
- b. This budget anticipates 3% raises in July of 2018 in the amount of \$40,000.
- c. This budget anticipates a Performance Review bonus for all staff in December of 2018 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 five Temporary Snow Removal Operators in November 2018 at a rate of \$15.00- \$18.00 per hour, terminating at the beginning of April.
- e. This budget anticipates the hiring of a Temporary Fire Department Operator in November 2018 at a rate of \$17.00 per hour, terminating at the beginning of April 2018.

9. Operating Expenses.

Operating Expenses for FY 2019 through FY 2023 are budgeted to increase by 1% annually. Following are Operating Expense projects planned for FY 2019:

a. Cylinder Gas Audit	\$6,000
b. Electric Switchgear Testing	\$10,000
c. Powerhouse Permit Revision, Engineering	\$5,000
d. Propane Leak Survey	\$10,000
e. Snow Removal Trackless Push Frames	\$5,000
f. Fire Services Funding Study	\$50,000

10. Balance Sheet

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

- iii. **Snow Removal Reserve.**
 - iv. **KVFD Reserve Fund.**
 - v. **Restricted**, which consists of Mello Roos Trust, Mello Roos, Fish Fund, and EID Fish Fund.
 - vi. **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.** Cushion of credit relates to prepaid principal and interest payments for our RUS A8 & B8 loans. The funds are directly wired to our Cushion of Credit account where the funds earn 5% interest. The interest is paid out quarterly. These funds, once deposited, can only be applied to principal and interest payments for the A8 & B8 loans. Per RUS accounting standards these funds are reflected on the balance sheet as a negative offset to “Total Long-term Debt, less Current Portion” under the “Non-Current Liabilities” section. The District is counting these funds deposited in this account towards our reserve balance goals.

11. 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. This budget assumes an additional RUS C8 reimbursement loan of \$3,700,000 to be received in FY 2019. 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>
2019	\$1,676,002	\$1,263,012	\$2,939,014	\$56,784,003
2020	\$1,695,577	\$1,367,180	\$3,062,757	\$55,416,823
2021	\$1,653,495	\$1,493,339	\$3,146,834	\$53,923,483

2022	\$1,611,890	\$1,547,127	\$3,159,017	\$52,376,357
2023	\$1,567,259	\$1,477,817	\$3,045,076	\$50,898,539

This budget assumes that the short-term RUS Loans scheduled to mature in FY 2019 - 2023 will be rolled over with new financing at the scheduled maturity date.

12. 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:

<u>Fiscal Year</u>	<u>Interest Payment</u>	<u>Principal Payment</u>	<u>Total Payment</u>	<u>Ending Balance</u>
2019	\$120,400	\$490,000	\$627,325	\$2,765,000
2020	\$100,400	\$510,000	\$630,400	\$2,255,000
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

13. 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 District is in the process of attempting to refinance the current loan with hopes of increasing the loan amount to \$800,000. We anticipate the interest rate to be 5%. This refinance is reflected in the budget.

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.

<u>Fiscal Year</u>	<u>Interest Payment</u>	<u>Principal Payment</u>	<u>Total Payment</u>	<u>Ending Balance</u>
2019	\$12,552	\$72,636	\$85,188	\$309,108
2020	\$9,592	\$75,596	\$85,188	\$233,512
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

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. Capital Plan

Capital Plan 2019-2023 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 \$3,593,300, 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. These expenditures that were ranked 1 have been included on the budget summary sheets for each respective department.

Replacement Component	5 Yr Total	FYE 2019	FYE 2020	FYE 2021	FYE 2022	FYE 2023
Water	27,500	17,500	5,000	0	5,000	0
Wastewater	362,000	160,500	50,000	50,000	51,500	50,000
Employee Housing	30,000	29,000	0	500	0	500
Fire	21,000	5,200	2,700	5,200	2,700	5,200
Electric	2,862,000	344,500	1,267,500	1,250,000	0	0
Propane	136,000	70,000	16,500	16,500	16,500	16,500
Snow Removal	70,800	31,800	9,000	10,500	9,000	10,500
Cable	11,000	1,000	7,000	1,000	1,000	1,000
Parks and Rec	18,000	1,500	0	1,500	0	15,000
Solid Waste	25,000	5,000	5,000	5,000	5,000	5,000
Operations Shared	30,000	24,000	0	3,000	0	3,000
Total Replacement Expense	3,593,300	690,000	1,362,700	1,343,200	90,700	106,700

15. Changes & Corrections

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

- a. The number of EDU's in each fund were corrected.
- b. Meter charges are reflected to continue to be billed for the length of the budget to cover costs to replace meters and maintenance on the remote read systems.
- c. Salaries, wages, benefits & taxes reflect 3% raises and 1% bonuses in the FY's following FYE 2019.
- d. This budget assumes a one-time equivalent payment of the Out Valley O&M costs to PG&E (in lieu of construction of a Switch Station and monthly Cost-of-Ownership Charge) funded by a C8 RUS loan, reserve funds and operating cash.
- e. This budget assumes no expenses or G & A allocations will be made to the Mosquito fund.
- f. This budget assumes no G & A allocations to the Employee Housing fund.
- g. This budget assumes a \$.04 per square foot rate increase in annual assessment fees for the Fire Department Fund in FY 2020.
- h. This budget assumes a Fire Services Funding Study to be done at an estimated cost of \$50,000.

Glossary

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

EFU – This refers to the actual Equivalent Fixture Units.

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 2018	Projected Year End Actuals	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
REVENUES							
Property Taxes	817,620	817,620	825,796	834,054	842,394	850,818	859,327
	817,620	817,620	825,796	834,054	842,394	850,818	859,327
LESS EXPENSES:							
Salaries and Wages	548,168	553,729	609,335	633,709	659,057	685,419	712,836
Payroll Taxes & EE Benefits	366,132	417,866	421,319	438,172	455,699	473,927	492,884
Operating Expenses	504,000	514,615	534,216	539,559	544,954	550,404	555,908
Board of Directors	149,092	147,728	139,312	140,705	142,112	143,533	144,969
TOTAL OPERATING EXPENSES	1,567,392	1,633,938	1,704,183	1,752,144	1,801,822	1,853,283	1,906,596
EXPENSES IN EXCESS OF REVENUES	(749,772)	(816,318)	(878,387)	(918,090)	(959,428)	(1,002,465)	(1,047,270)
ALLOCATIONS:							
Property Tax Allocation	817,620	817,620	825,796	834,054	842,394	850,818	859,327
General and Administration	(1,418,300)	(1,486,210)	(1,564,871)	(1,611,439)	(1,659,710)	(1,709,750)	(1,761,628)
Board of Directors	(149,092)	(147,728)	(139,312)	(140,705)	(142,112)	(143,533)	(144,969)
TOTAL NET ALLOCATIONS	(749,772)	(816,318)	(878,387)	(918,090)	(959,428)	(1,002,465)	(1,047,269)
NET AVAILABLE, UNASSIGNED	-	-	-	(0)	0	0	(0)

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

Recap Revenues Less Expenses	Budget 2018	Projected Year End Actuals	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
REVENUES							
Annual Assesment	64800	64800	64,800	129,600	130,896	132,205	133,527
Donations	22400	13833	18,000	18,180	18,362	18,545	18,731
Special Events	23000	56284	28,000	28,280	28,563	28,848	29,137
Other	4,800	3,744	6,000	6,060	6,121	6,182	6,244
	<u>115,000</u>	<u>138,661</u>	<u>116,800</u>	<u>182,120</u>	<u>183,941</u>	<u>185,781</u>	<u>187,638</u>
LESS EXPENSES:							
Salaries and Wages	22,875	25,710	15,782	16,413	17,070	17,752	18,462
Payroll Taxes & EE Benefits	14,143	19,006	9,500	9,880	10,276	10,687	11,114
Operating Expenses	56,100	89,754	134,400	85,744	86,601	87,467	88,342
G&A Allocation Expense	125,391	130,518	141,447	142,862	144,290	145,733	147,190
KMPUD Interfund Allocation	17,310	17,078	16,380	16,544	16,709	16,876	17,045
Depreciation	27,600	26,631	24,960	25,373	25,123	23,945	21,858
TOTAL OPERATING EXPENSES	<u>263,419</u>	<u>308,696</u>	<u>342,469</u>	<u>296,816</u>	<u>300,069</u>	<u>302,461</u>	<u>304,012</u>
NET INCOME (LOSS)	<u>(148,419)</u>	<u>(170,035)</u>	<u>(225,669)</u>	<u>(114,696)</u>	<u>(116,128)</u>	<u>(116,680)</u>	<u>(116,374)</u>
EXPENSES IN EXCESS OF REVENUES EXCLUDING DEPRECIATION							
	(120,819)	(143,404)	(200,709)	(89,323)	(91,005)	(92,735)	(94,516)
Property Tax Allocation, Operating	<u>120,819</u>	<u>143,404</u>	<u>150,709</u>	<u>89,323</u>	<u>91,005</u>	<u>92,735</u>	<u>94,516</u>
Fire Capital Reserve, Beginning Balance	149982	149,982	149,982	94,782	92,082	86,882	84,182
Capital Expense			5,200	2,700	5,200	2,700	5,200
Property Tax Allocation, Capital			-50,000				
Ending Capital Reserve	<u>149,982</u>	<u>149,982</u>	<u>94,782</u>	<u>92,082</u>	<u>86,882</u>	<u>84,182</u>	<u>78,982</u>
Beginning Operating Cash Balance		0	-	-	-	-	-
Operating Loss		(143,404)	(200,709)	(89,323)	(91,005)	(92,735)	(94,516)
Reserve Fund Allocation			50,000				
Total Property Tax Allocation		143,404	150,709	89,323	91,005	92,735	94,516
Ending Cash Balance		0	-	-	-	-	-

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

Recap Revenues Less Expenses	Budget 2018	Projected Year End Actuals	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
REVENUES							
Parks & Rec	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
LESS EXPENSES:							
Salaries and Wages	5,164	1,864	5,891	6,126	6,371	6,626	6,891
Payroll Taxes & EE Benefits	3,434	1,248	3,836	3,989	4,149	4,315	4,487
Operating Expenses	1,100	575	1,100	1,111	1,122	1,133	1,145
G&A Allocation Expense	15,674	16,315	17,042	17,212	17,384	17,558	17,734
Depreciation	1,200	517	1,200	1,350	1,350	1,500	1,500
TOTAL OPERATING EXPENSES	26,572	20,519	29,068	29,788	30,376	31,132	31,757
NET INCOME (LOSS)	(26,572)	(20,519)	(29,068)	(29,788)	(30,376)	(31,132)	(31,757)
EXPENSES IN EXCESS OF REVENUES							
EXCLUDING DEPRECIATION	(25,372)	(20,002)	(27,868)	(28,438)	(29,026)	(29,632)	(30,257)
Beginning Cash Balance							
Property Tax Allocation	25,372	20,002	27,868	28,438	29,026	29,632	30,257
Capital Projects	-	-					
Parks Capital Reserve				0	0	0	0
Operating Contribution							
Capital Expense			1,500	0	1,500	0	15,000
Property Tax Allocation, Capital			1,500	0	1,500		15,000
Ending Capital Reserve	0		0	0	0	0	0
Property Tax Allocation		20,002	29,368	28,438	30,526	29,632	45,257

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

Recap Revenues Less Expenses	Budget 2018	Projected Year End Actuals	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
WATER SALES (CUBIC FEET)	1,356,583	1,381,549	1,334,111	1,347,453	1,360,927	1,374,536	1,388,282
IRRIGATION SALES (CUBIC FEET)	160,944	79,257	80,781	81,589	82,405	83,229	84,062
SNOWMAKING WATER (CUBIC FEET)		132,065	89,587	90,483	91,388	92,302	93,225
EQUIVALENT FIXTURE UNITS	1,179	1,171					
RATE PER 100 CF BUDGETED (WATER)	5.58	5.63	7.54	10.11	10.21	10.31	10.42
BASE RATE BUDGETED	26.10	26.30	26.56	26.83	27.10	27.37	27.64
REVENUES							
Commercial Use	37,062	38,113	44,285	66,746	68,088	69,457	70,853
Residential Use	38,575	39,668	56,363	69,471	70,867	72,291	73,745
Irrigation Use	13,226	3,424	3,772	4,112	4,153	4,195	4,237
Snowmaking Use (Commercial Revenue)		15,848	10,750	10,858	10,967	11,076	11,187
Commercial Base Rates	181,019	171,305	172,766	174,493	176,238	178,001	179,781
Residential Base Rates	226,743	198,833	200,498	202,502	204,528	206,573	208,639
Meter Charges	20,572	21,030	21,000	21,000	21,000	21,000	21,000
Other	10,000	10,000	10,000	10,000	10,000	10,000	1,000
	527,197	498,221	519,434	559,183	565,841	572,592	570,440
LESS EXPENSES:							
Salaries and Wages	74,901	74,584	81,852	82,670	83,497	84,332	85,175
Payroll Taxes & EE Benefits	45,663	45,717	49,657	51,643	53,709	55,857	58,092
Operating Expenses	45,750	44,759	54,750	56,940	59,218	61,586	64,050
G&A Allocation Expense	266,457	277,351	296,528	299,493	302,488	305,513	308,568
KMPUD Interfund Allocation	68,243	70,033	68,897	69,586	70,282	70,985	71,695
Interest Expense	17,784	17,783	15,592	13,002	10,308	7,498	4,571
Depreciation & Amortization	139,200	122,574	115,680	112,647	107,630	102,198	97,461
TOTAL OPERATING EXPENSES	657,998	652,802	682,955	685,981	687,132	687,969	689,612
NET INCOME (LOSS)	(130,801)	(154,581)	(163,521)	(126,798)	(121,291)	(115,377)	(119,172)
REVENUES IN EXCESS OF EXPENSES							
WITHOUT DEPRECIATION	8,399	(32,007)	(47,841)	(14,151)	(13,661)	(13,179)	(21,711)
Capital Projects	-	-	-	-	-	-	-
Water Capital Reserve, Beginning Balance	84,551	84,551	84,551	67,051	62,051	62,051	57,051
Operating Contribution							
Capital Expense	3,500		17,500	5,000		5,000	
Property Tax Allocation							
Ending Capital Reserve	81,051	84,551	67,051	62,051	62,051	57,051	57,051
Operating Cash							
Beginning Balance	(10,242)	0	(0)	(7,058)	0	0	0
Operating Contribution	8,398	(32,007)	(47,841)	(14,151)	(13,661)	(13,179)	(21,711)
Property Tax Allocation		40,386		51,506	60,763	85,052	96,173
Interfund Loan	70,000	53,134	104,238	35,749	21,533		
Principal Payment	61,513	(61,513)	(63,455)	(66,045)	(68,635)	(71,873)	(74,463)
Ending Balance	6,643	(0)	(7,058)	0	0	0	0
COP Principal Payment	61,513	61,513	63,455	66,045	68,635	71,873	74,463
COP Principal Balance	421,523	421,523	358,068	292,023	223,388	151,515	77,053

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

Recap Revenues Less Expenses	Budget 2018	Projected Year End Actuals	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
WASTEWATER SALES (CF)	1,358,457	1,362,138	1,334,110	1,347,451	1,360,925	1,374,534	1,388,280
EQUIVALENT FIXTURE UNITS	1,302	1,256	1,256	1,256	1,256	1,256	1,256
RATE PER 100 CF BUDGETED	27.08	27.33	32.52	38.70	39.09	39.48	39.87
BASE RATE BUDGETED	35.10	35.37	35.72	36.08	36.44	36.80	37.17
REVENUES							
Commercial Use	191,321	183,436	225,603	271,153	276,603	282,162	287,834
Residential Use	176,604	180,750	208,249	250,295	255,326	260,458	265,693
Commercial Base Rates	243,436	265,697	268,329	250,231	252,734	255,261	257,814
Residential Base Rates	304,927	267,377	270,043	313,439	316,573	319,739	322,936
Meter Charges	13,523	14,018	14,020	14,020	14,020	14,020	14,020
Other	5,000	5,000	7,500	7,500	7,500	7,500	7,500
	<u>934,811</u>	<u>916,278</u>	<u>993,744</u>	<u>1,106,637</u>	<u>1,122,755</u>	<u>1,139,140</u>	<u>1,155,797</u>
LESS EXPENSES:							
Salaries and Wages	117,396	141,312	152,880	158,996	165,356	171,970	178,849
Payroll Taxes & EE Benefits	77,064	84,222	97,755	101,666	105,732	109,962	114,360
Operating Expenses	125,350	147,731	141,500	142,915	144,344	145,788	147,245
G&A Allocation Expense	266,457	277,351	296,528	299,493	302,488	305,513	308,568
KMPUD Interfund Allocation	383,211	337,473	386,083	389,944	393,844	397,782	401,760
Interest Expense	25,728	25,733	22,563	18,815	14,917	10,850	6,615
Depreciation & Amortization	342,000	337,386	304,800	290,508	276,623	271,615	262,813
TOTAL OPERATING EXPENSES	<u>1,337,206</u>	<u>1,351,208</u>	<u>1,402,110</u>	<u>1,402,336</u>	<u>1,403,304</u>	<u>1,413,479</u>	<u>1,420,210</u>
NET INCOME (LOSS)	<u>(402,395)</u>	<u>(434,930)</u>	<u>(408,366)</u>	<u>(295,699)</u>	<u>(280,548)</u>	<u>(274,339)</u>	<u>(264,413)</u>
REVENUES IN EXCESS OF EXPENSES WITHOUT DEPRECIATION							
	(60,395)	(97,544)	(103,566)	(5,191)	(3,925)	(2,724)	(1,600)
Capital Projects	-	-					
Wastewater Capital Reserve	5,044	0	0	(160,500)	(210,500)	(260,500)	(310,500)
Operating Contribution							
Capital Expense	103,500		160,500	50,000	50,000	50,000	50,000
Transfer From Electric	103,500						
Property Tax Allocation, Capital							
Ending Capital Reserve	5,044	-	(160,500)	(210,500)	(260,500)	(310,500)	(360,500)
Operating Cash							
Beginning Balance	(139,501)	0	(0)	0	0	(8,213)	(16,528)
Operating Contribution		(97,544)	(103,566)	(5,191)	(3,925)	(2,724)	(1,600)
Property Tax Allocation, Operating	18,000	186,559		100,765	95,034	98,416	100,940
Transfer From Electric			195,392				
Principal Payment		(89,015)	(91,826)	(95,574)	(99,322)	(104,007)	(107,755)
Sub-Total	(121,501)	(0)	0	0	(8,213)	(16,528)	(24,944)
Property Tax Allocation	18,000	186,559	0	100,765	95,034	98,416	100,940
Total Transfer From Electric			195,392	0	0	0	0
COP Principal Balance	609,987	609,987	518,161	422,587	323,265	219,258	111,503

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

Recap Revenues Less Expenses	Budget 2018	Projected Year End Actuals	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
REVENUES							
Rental Income	49,200	55,000	53,200	53,732	54,269	54,812	55,360
	49,200	55,000	53,200	53,732	54,269	54,812	55,360
LESS EXPENSES:							
Salaries and Wages	6,441	8,404	4,361	4,535	4,717	4,905	5,102
Payroll Taxes & EE Benefits	3,786	4,275	2,620	2,725	2,834	2,947	3,065
Operating Expenses	10,800	12,815	10,800	10,908	11,017	11,127	11,239
G&A Allocation Expense	39,185	40,787	-	-	-	-	-
KMPUD Interfund Allocation	41,997	27,550	26,779	27,047	27,318	27,591	27,867
Interest Expense			-	-	-	-	-
Depreciation & Amortization	40,800	40,473	40,800	40,638	40,378	40,328	39,981
TOTAL OPERATING EXPENSES	143,009	134,304	85,360	85,853	86,263	86,899	87,253
NET INCOME (LOSS)	(93,809)	(79,304)	(32,160)	(32,121)	(31,994)	(32,087)	(31,893)
EXPENSES IN EXCESS OF REVENUES WITHOUT DEPRECIATION							
	(53,009)	(38,831)	8,640	8,517	8,384	8,241	8,088
Property Tax Allocation	53,009	38,831	0	0	0	0	0
Capital Projects	-	-	29,000	-	500	-	500
Employee Housing Capital Reserve			0	0	0	0	0
Operating Contribution			8,640				
Capital Expense	2,500		(29,000)	0	(500)	0	(500)
Property Tax Allocation, Capital	2,500		20,360		500		500
Ending Capital Reserve	0		0	0	0	0	0
Operating Cash							
Beginning Balance			0	0	8,517	16,401	24,642
Operating Contribution	(53,008)	(38,831)	8,640	8,517	8,384	8,241	8,088
Capital Expense			(29,000)		(500)		(500)
Property Tax Allocation, Operating	53,008	38,831	20,360	0	0	0	0
Principal Payment			0	0	0	0	0
Ending Balance		0	0	8,517	16,401	24,642	32,231
Total Property Tax Allocation	55,508	38,831	20,360	0	0	0	0

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

Recap Revenues Less Expenses	Budget 2018	Projected Year End Actuals	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
KWH SALES	6,701,831	6,807,175	6,708,554	6,775,640	6,843,396	6,911,830	6,980,949
EQUIVALENT FIXTURE UNITS	1,217	1,105	1,105	1,108	1,111	1,113	1,116
RATE PER KWH BUDGETED	0.66	0.66	0.66	0.66	0.66	0.66	0.66
BASE RATE	13.69	13.79	13.93	14.07	14.21	14.35	14.50
COMMERCIAL REVENUES	2,609,693	2,835,220	2,612,311	2,638,434	2,664,819	2,691,467	2,718,381
RESIDENTIAL REVENUES	1,326,962	1,125,088	1,328,294	1,341,577	1,354,992	1,368,542	1,382,228
KMPUD INTER-FUND REVENUES	486,553	609,559	487,041	491,911	496,831	501,799	506,817
BASE RATES	199,929	182,758	184,712	187,025	189,368	191,740	194,141
METER CHARGES	27,095	26,814	26,848	26,848	26,848	26,848	26,848
OTHER	12,000	13,123	12,000	13,200	14,520	15,972	17,569
TOTAL REVENUES	<u>4,662,232</u>	<u>4,792,562</u>	<u>4,651,206</u>	<u>4,698,996</u>	<u>4,747,377</u>	<u>4,796,368</u>	<u>4,845,984</u>
LESS EXPENSES:							
PG&E O&M Expense	164,040	163,840	54,592				
Power Purchase Expense	580,718	545,274	443,603	426,865	431,134	435,445	439,800
Schedule Coordinating Expense	66,000	66,085	66,000	66,000	66,000	66,000	66,000
Diesel Fuel	71,500	23,035	72,145	72,866	73,595	74,331	75,074
Salaries Wages Taxes & Benefits	309,541	272,113	281,289	292,541	304,242	316,412	329,069
Operating Expenses	346,187	294,837	332,774	336,102	339,463	342,858	346,286
G&A Allocation Expense	313,478	326,295	349,357	352,851	356,380	359,943	363,543
KMPUD Interfund Allocation	26,250	26,250	27,300	27,573	27,849	28,127	28,408
Interest Expense	1,719,342	1,718,185	1,763,030	1,775,587	1,723,755	1,671,932	1,616,606
Depreciation & Amortization	1,730,460	1,726,065	1,870,880	1,872,039	1,941,565	1,940,009	1,939,092
TOTAL OPERATING EXPENSES	<u>5,327,516</u>	<u>5,161,979</u>	<u>5,260,972</u>	<u>5,222,426</u>	<u>5,263,983</u>	<u>5,235,058</u>	<u>5,203,878</u>
NET INCOME (LOSS)	<u>(665,284)</u>	<u>(369,417)</u>	<u>(609,766)</u>	<u>(523,430)</u>	<u>(516,606)</u>	<u>(438,690)</u>	<u>(357,894)</u>
REVENUES IN EXCESS OF EXPENSES WITHOUT DEPRECIATION	<u>1,065,176</u>	<u>1,356,649</u>	<u>1,261,114</u>	<u>1,348,610</u>	<u>1,424,959</u>	<u>1,501,318</u>	<u>1,581,198</u>
Property Tax Allocation	698,548	373,111	626,858	549,601	542,436	460,625	375,789
Electric Capital Reserve	922,855		1,966,578	0	0	0	0
Operating Contribution			835,000				
Capital Expense	73,500		(2,801,578)				
Ending Capital Reserve	<u>919,355</u>	<u>1,966,578</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Operating Cash							
Beginning Balance	1,421,831	1,447,378	2,056,976	1,175,872	1,767,198	1,991,798	2,176,034
Operating Contribution	1,065,176	1,356,649	426,114	1,348,610	1,424,959	1,501,318	1,581,198
Property Tax Allocation	698,548	373,111	626,858	549,601	542,436	460,625	375,789
Interfund Loan to Water	(70,000)	(53,134)	(104,238)	(35,749)	(21,533)	0	0
Interfund Loan to Wastewater	(363,500)	0	(195,392)	0	0	0	0
Transfer to Capital Reserve			(160,000)				
FEMA/CalOES Funds		307,347					
Principal Payment	(1,388,147)	(1,374,375)	(1,474,446)	(1,271,137)	(1,721,262)	(1,777,707)	(1,689,418)
Ending Balance	<u>1,363,908</u>	<u>2,056,976</u>	<u>1,175,872</u>	<u>1,767,198</u>	<u>1,991,798</u>	<u>2,176,034</u>	<u>2,443,603</u>
BOTW Loan Principal Balance	318,744	341,700	767,103	726,846	684,105	638,729	590,553
COP Principal Balance	1,112,062	1,137,297	966,091	787,897	602,715	408,798	207,893
RUS Loan Principal Balance	54,344,530	54,051,721	56,784,003	55,416,823	53,923,483	52,376,357	50,898,539

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

Recap Revenues Less Expenses	Budget 2018	Projected Year End Actuals	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
REVENUES							
Contract Fees	16,200	16,200	16,200	16,362	16,526	16,691	16,858
	<u>16,200</u>	<u>16,200</u>	<u>16,200</u>	<u>16,362</u>	<u>16,526</u>	<u>16,691</u>	<u>16,858</u>
LESS EXPENSES:							
Operating Expenses		2,157	1,800	1,836	1,873	1,910	1,948
G&A Allocation Expense	15,674	16,315	17,042	17,212	17,384	17,558	17,734
Depreciation & Amortization		225	408	405	170		
TOTAL OPERATING EXPENSES	<u>15,674</u>	<u>18,697</u>	<u>19,250</u>	<u>19,453</u>	<u>19,427</u>	<u>19,468</u>	<u>19,682</u>
NET INCOME (LOSS)	<u>526</u>	<u>(2,497)</u>	<u>(3,050)</u>	<u>(3,091)</u>	<u>(2,901)</u>	<u>(2,778)</u>	<u>(2,824)</u>
EXPENSES IN EXCESS OF REVENUES WITHOUT DEPRECIATION							
Property Tax Allocation	526	(2,272)	(2,642)	(2,686)	(2,731)	(2,778)	(2,824)
Capital Projects	0			2,686	2,731	2,778	2,824
Cable Capital Reserve	-	-	1,000	1,000	1,000	1,000	1,000
Operating Contribution	526		0	0	0	0	0
Capital Expense			1,000	1,000	1,000	1,000	1,000
Property Tax Allocation, Capital							
Ending Capital Reserve	526		0	0	0	0	0
Operating Cash							
Beginning Balance	15212	6,546	4,274	632	(0)	0	(0)
Operating Contribution		(2,272)	(3,642)	(3,686)	(3,731)	(3,778)	(3,824)
Property Tax Allocation, Operating			0	3,054	3,732	3,777	3,825
Principal Payment			0	0	0	0	0
Ending Balance	9956	4,274	632	(0)	0	(0)	0
Property Tax Allocation			0	3,054	3,732	3,777	3,825

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

Recap Revenues Less Expenses	Budget 2018	Projected Year End Actuals	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
REVENUES							
Snow Removal Contract	498,046	498,046	511,112	516,223	521,385	526,599	531,865
KMPUD Interfund Revenues	78,750	78,750	81,900	82,719	83,546	84,382	85,225
	<u>576,796</u>	<u>576,796</u>	<u>593,012</u>	<u>598,942</u>	<u>604,932</u>	<u>610,981</u>	<u>617,091</u>
LESS EXPENSES:							
Salaries and Wages	200,703	139,751	166,477	169,807	173,203	176,667	180,201
Payroll Taxes & EE Benefits	109,782	80,697	93,127	94,990	96,890	98,827	100,804
Operating Expenses	80,800	67,762	84,300	85,143	85,994	86,854	87,723
G&A Allocation Expense	156,739	163,148	192,573	194,498	196,443	198,408	200,392
KMPUD Interfund Allocation	2,280	1,742	1,200	1,224	1,248	1,273	1,299
Depreciation & Amortization	79,200	66,046	53,280	34,685	21,367	15,633	13,108
TOTAL OPERATING EXPENSES	<u>629,504</u>	<u>519,146</u>	<u>590,957</u>	<u>580,347</u>	<u>575,146</u>	<u>577,663</u>	<u>583,526</u>
NET INCOME (LOSS)	<u>(52,708)</u>	<u>57,650</u>	<u>2,055</u>	<u>18,595</u>	<u>29,785</u>	<u>33,318</u>	<u>33,564</u>
REVENUES IN EXCESS OF EXPENSES WITHOUT DEPRECIATION							
Property Tax Allocation	<u>-</u>	<u>123,696</u>	<u>55,335</u>	<u>53,280</u>	<u>51,152</u>	<u>48,951</u>	<u>46,672</u>
Capital Projects	-	-	31,800	9,000	10,500	9,000	10,500
Snow Removal Capital Reserve	175,517	86,336	132,786	73,416	58,301	28,368	0
Operating Contribution (Depreciation)		70,000	53,280	34,685	21,367	15,633	13,108
Capital Expense	67,000	(23,550)	(31,800)	(9,000)	(10,500)	(9,000)	(10,500)
950 Capital Lease			(80,850)	(40,800)	(40,800)	(40,800)	(40,800)
Operating Contribution (For Capital)						5,799	38,192
Ending Capital Reserve	<u>108,517</u>	<u>132,786</u>	<u>73,416</u>	<u>58,301</u>	<u>28,368</u>	<u>0</u>	<u>0</u>
Operating Cash							
Beginning Balance	(65,530)	0	53,696	55,751	74,346	104,131	131,650
Operating Contribution	26,492	123,696	55,335	53,280	51,152	48,951	46,672
Capital Reserve	50,000	(70,000)	(53,280)	(34,685)	(21,367)	(21,432)	(51,300)
Ending Balance	<u>12,962</u>	<u>53,696</u>	<u>55,751</u>	<u>74,346</u>	<u>104,131</u>	<u>131,650</u>	<u>127,022</u>

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

Recap Revenues Less Expenses	Budget 2018	Projected Year End Actuals	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
PROPANE SALES (CUBIC FEET)	18,286,362	18,723,657	19,904,939	20,103,989	20,305,029	20,508,079	20,713,160
EQUIVALENT FIXTURE UNITS	666	666	667	669	670	672	674
RATE PER CUBIC FOOT BUDGETED	0.0651	0.0656	0.0663	0.0669	0.0676	0.0683	0.0689
BASE RATE	5.43	5.47	5.52	5.58	5.64	5.69	5.75
COMMERCIAL REVENUE	736,838	763,253	791,293	807,198	823,423	839,973	856,857
RESIDENTIAL REVENUE	491,225	518,266	527,529	538,132	548,948	559,982	571,238
BASE RATES	43,397	41,421	44,220	44,774	45,334	45,902	46,477
METER CHARGES	17,700	17,500	17,520	17,520	17,520	17,520	17,520
OTHER REVENUES	12,000	14,496	12,000	12,144	12,290	12,437	12,586
TOTAL REVENUES	<u>1,301,160</u>	<u>1,354,934</u>	<u>1,392,561</u>	<u>1,419,768</u>	<u>1,447,515</u>	<u>1,475,815</u>	<u>1,504,678</u>
LESS EXPENSES:							
Propane Fuel	731,454	762,179	796,198	804,160	812,201	820,323	828,526
Salaries and Wages	72,874	59,032	59,783	62,175	64,662	67,248	69,938
Payroll Taxes & EE Benefits	43,829	40,522	36,083	37,526	39,027	40,588	42,211
Operating Expenses	18,480	24,951	42,900	33,329	33,662	33,999	34,339
G&A Allocation Expense	289,968	301,823	323,795	327,033	330,303	333,606	336,942
KMPUD Interfund Allocation	11,549	11,352	11,804	11,922	12,041	12,161	12,283
Interest Expense	45,816	45,823	40,177	33,503	26,563	19,321	11,780
Depreciation & Amortization	61,200	55,065	54,120	56,294	58,181	57,448	57,133
TOTAL OPERATING EXPENSES	<u>1,275,170</u>	<u>1,300,748</u>	<u>1,364,859</u>	<u>1,365,941</u>	<u>1,376,640</u>	<u>1,384,695</u>	<u>1,393,152</u>
NET INCOME (LOSS)	<u>25,990</u>	<u>54,187</u>	<u>27,702</u>	<u>53,826</u>	<u>70,875</u>	<u>91,120</u>	<u>111,526</u>
REVENUES IN EXCESS OF EXPENSES WITHOUT DEPRECIATION	<u>87,190</u>	<u>109,252</u>	<u>81,822</u>	<u>110,121</u>	<u>129,057</u>	<u>148,568</u>	<u>168,659</u>
Property Tax Allocation	0	0					
Capital Projects	-	-	70,000	16,500	16,500	16,500	16,500
Propane Capital Reserve, Beginning Balance	105,990	105,900	105,900	35,900	19,400	2,900	0
Operating Contribution	85,000					13,600	16,500
Capital Expense	189,700		70,000	16,500	16,500	16,500	16,500
Property Tax Allocation							
Ending Capital Reserve	<u>1,290</u>	<u>105,900</u>	<u>35,900</u>	<u>19,400</u>	<u>2,900</u>	<u>0</u>	<u>0</u>
Operating Cash							
Beginning Balance	620,745	509,638	460,382	378,691	318,624	270,820	206,984
Operating Contribution	2,190	109,252	81,822	110,121	129,057	134,968	152,159
Capital Expense						(13,600)	(16,500)
Principal Payment	158,508	(158,508)	(163,513)	(170,187)	(176,861)	(185,204)	(191,878)
Ending Balance	<u>464,428</u>	<u>460,382</u>	<u>378,691</u>	<u>318,624</u>	<u>270,820</u>	<u>206,984</u>	<u>150,765</u>
COP Principal Balance	<u>1,086,194</u>	<u>1,086,194</u>	<u>922,681</u>	<u>752,494</u>	<u>575,633</u>	<u>390,429</u>	<u>198,552</u>

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

Recap Revenues Less Expenses	Budget 2018	Projected Year End Actuals	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
RATE PER UNIT BUDGETED	16.29	16.42	17.08	17.76	17.94	18.12	18.30
Units	682.00	682	682	682	682	682	682
REVENUES							
Solid Waste	133,317	133,317	139,757	145,347	146,800	148,268	149,751
Other Revenue	1,200	1,200	1,200	1,212	1,224	1,236	1,249
	134,517	134,517	140,957	146,559	148,024	149,505	151,000
LESS EXPENSES:							
Cost of Sales	50,160	51,571	50,160	50,662	51,168	51,680	52,197
Salaries and Wages	16,147	21,961	10,756	11,187	11,634	12,099	12,583
Payroll Taxes & EE Benefits	9,768	11,911	6,487	6,747	7,016	7,297	7,589
Operating Expenses	1,200	1,530	1,200	1,212	1,224	1,236	1,249
G&A Allocation Expense	62,696	65,259	69,871	70,570	71,276	71,989	72,709
KMPUD Interfund Allocation	10,500	11,119	10,920	10,920	10,920	10,920	10,920
Depreciation & Amortization	960	503	-	-	-	-	-
TOTAL OPERATING EXPENSES	151,431	163,854	149,395	151,297	153,239	155,221	157,246
NET INCOME (LOSS)	(16,914)	(29,337)	(8,438)	(4,738)	(5,214)	(5,717)	(6,247)
EXPENSES IN EXCESS OF REVENUES WITHOUT DEPRECIATION	(15,954)	(28,833)	(8,438)	(4,738)	(5,214)	(5,717)	(6,247)
Capital Expense							
Operating Cash							
Beginning Balance	58,296		20,974	7,536	0	0	0
Operating Contribution	(15,954)		(8,438)	(4,738)	(5,214)	(5,717)	(6,247)
Property Tax Allocation	0		0	2,203	10,214	10,717	11,246
Capital Expense	5,000		5,000	5,000	5,000	5,000	5,000
Ending Balance	42,343	20,974	7,536	0	0	0	(0)

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
BUDGET - CONSOLIDATED INCOME STATEMENT
FY 2019

	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	<u>Oct-18</u>	<u>Nov-18</u>	<u>Dec-18</u>	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	<u>Apr-19</u>	<u>May-19</u>	<u>Jun-19</u>	<u>Total FY 2019</u>
OPERATING REVENUES													
Enterprise Funds:													
Electric	\$ 237,009	\$ 228,131	\$ 223,242	\$ 227,244	\$ 475,033	\$ 680,394	\$ 624,022	\$ 554,130	\$ 550,685	\$ 384,447	\$ 252,679	\$ 214,190	\$ 4,651,206
Propane	31,786	31,888	37,542	57,510	142,492	226,663	232,568	203,785	198,846	128,504	65,334	35,669	1,392,587
Snow Removal	-	-	-	63,889	80,269	80,269	80,269	80,269	80,269	63,889	63,889	-	593,012
Waste Water	80,725	71,489	69,828	62,596	68,657	105,610	121,333	108,640	101,021	77,916	60,260	65,670	993,744
Water	43,607	40,498	39,243	37,515	42,604	54,394	50,999	48,056	46,290	40,933	36,873	38,424	519,435
Other	16,699	16,699	16,699	16,699	18,699	18,699	18,699	18,699	18,699	16,699	16,699	16,699	210,383
Total Enterprise Funds	409,825	388,704	386,554	465,452	827,753	1,166,029	1,127,890	1,013,579	995,809	712,386	495,733	370,652	8,360,367
Government Fund:													
Property Taxes	68,816	68,816	68,816	68,816	68,816	68,816	68,816	68,816	68,816	68,816	68,816	68,816	825,796
Other	30,400	7,400	12,400	7,400	7,400	7,400	7,400	7,400	7,400	7,400	7,400	7,400	116,800
Total Government Fund	99,216	76,216	81,216	76,216	76,216	76,216	76,216	76,216	76,216	76,216	76,216	76,216	942,596
Total Operating Revenues	509,041	464,921	467,770	541,669	903,970	1,242,245	1,204,107	1,089,795	1,072,025	788,603	571,949	446,869	9,302,963
OPERATING EXPENSES													
Diesel Fuel	1,500	1,500	1,500	25,000	1,500	1,500	1,500	1,500	1,500	32,145	1,500	1,500	72,145
Propane Fuel	15,982	15,531	18,943	30,989	82,261	133,043	136,605	119,240	116,260	73,821	35,710	17,813	796,198
Other CGS - Solid Waste	4,180	4,180	4,180	4,180	4,180	4,180	4,180	4,180	4,180	4,180	4,180	4,180	50,160
Salaries and Wages	102,498	97,498	97,498	97,626	112,710	124,710	112,710	112,710	112,710	112,710	97,498	97,498	1,278,375
Payroll Taxes and EE Benefits	68,814	67,304	67,813	67,823	70,426	71,344	70,426	70,426	70,426	70,426	67,595	67,595	830,416
Out Valley O&M	13,648	13,648	13,648	13,648	-	-	-	-	-	-	-	-	54,592
Power Purchase Expense	21,879	20,990	20,500	20,901	45,727	66,302	60,654	53,651	53,306	36,651	23,449	19,593	443,603
Schedule Coordinating Expense	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500	66,000
Other Operating Expenses	93,015	127,210	65,564	77,635	58,694	57,975	59,269	55,592	57,009	48,946	46,602	56,212	803,724
General and Administration	59,681	58,827	62,244	33,833	36,265	33,737	36,210	42,801	42,819	42,547	41,463	43,789	534,216
Internal Allocations	32,202	30,897	30,178	30,766	56,735	65,120	69,876	63,711	63,407	43,120	34,505	28,847	549,363
Board of Directors	11,614	11,614	11,614	11,614	11,605	11,605	11,605	11,605	11,605	11,605	11,614	11,614	139,312
Depreciation	173,144	173,144	173,144	173,144	173,144	173,144	173,144	173,144	173,144	173,144	173,144	173,138	2,077,722
Total Operating Expenses	603,656	627,842	572,325	592,659	658,746	748,159	741,679	714,061	711,867	654,795	542,759	527,279	7,695,827
OPERATING INCOME/(EXPENSES)													
IN EXCESS OF REVENUES	(94,615)	(162,921)	(104,555)	(50,990)	245,224	494,086	462,427	375,735	360,158	133,808	29,190	(80,410)	1,607,136
NON-OPERATING REVENUE (EXPENSES)													
Investment Income	50	50	8,500	50	50	8,500	50	50	8,500	50	50	8,500	34,400
Other Income	100	100	100	100	38,000	100	100	100	100	100	100	100	39,100
Interest Expense	147,846	150,140	150,124	149,379	149,363	149,348	148,597	148,581	148,565	147,808	147,792	147,776	1,785,319
Amortization	20,300	20,300	20,300	20,300	38,400	38,400	38,400	38,400	38,400	38,400	38,400	38,400	388,400
Total Non-Operating Income/(Expenses)	(167,996)	(170,290)	(161,824)	(169,529)	(149,713)	(179,148)	(186,847)	(186,831)	(178,365)	(186,058)	(186,042)	(177,576)	(2,100,219)
NET INCOME (LOSS)	\$ (262,611)	\$ (333,211)	\$ (266,379)	\$ (220,519)	\$ 95,511	\$ 314,938	\$ 275,581	\$ 188,904	\$ 181,793	\$ (52,251)	\$ (156,852)	\$ (257,986)	\$ (493,083)
REVENUES IN EXCESS OF EXPENSES													
WITHOUT DEPRECIATION	\$ (89,467)	\$ (160,067)	\$ (93,235)	\$ (47,375)	\$ 268,655	\$ 488,082	\$ 448,725	\$ 362,048	\$ 354,937	\$ 120,893	\$ 16,292	\$ (84,848)	\$ 1,584,639

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT

BUDGET - CONSOLIDATED INCOME STATEMENT

FYE 2019 - 2023

	2018 Total	2019 Total	2020 Total	2021 Total	2022 Total	2023 Total
OPERATING REVENUES						
Enterprise Funds:						
Electricity	\$ 4,792,562	\$ 4,651,206	\$ 4,698,996	\$ 4,747,377	\$ 4,796,368	\$ 4,845,984
Propane	1,354,934	1,392,561	1,419,768	1,447,515	1,475,815	1,504,678
Snow Removal	576,796	593,012	598,942	604,932	610,981	617,091
Waste Water	916,278	993,744	1,106,637	1,122,755	1,139,140	1,155,797
Water	498,221	519,434	559,183	565,841	572,592	570,440
Other	189,517	210,472	216,653	218,819	221,008	223,218
Total Enterprise Funds	8,328,309	8,360,429	8,600,179	8,707,239	8,815,904	8,917,208
Government Fund:						
Property Taxes	817,620	825,796	834,054	842,394	850,818	859,327
Other	138,661	116,800	182,120	183,941	185,781	187,638
Total Government Fund	956,281	942,596	1,016,174	1,026,336	1,036,599	1,046,965
Total Operating Revenues	9,284,590	9,303,025	9,616,353	9,733,575	9,852,503	9,964,173
OPERATING EXPENSES						
Diesel Fuel	23,035	72,145	72,866	73,595	74,331	75,074
Propane Fuel	762,179	796,198	804,160	812,201	820,323	828,526
Other CGS	51,571	50,160	50,662	51,168	51,680	52,197
Salaries and Wages	1,269,593	1,388,407	1,438,158	1,489,808	1,543,432	1,599,106
Payroll Taxes and EE Benefits	693,553	720,384	747,337	775,331	804,406	834,606
Out Valley O&M	163,840	54,592	0	0	0	0
Power Purchase Expense	545,274	443,603	426,865	431,134	435,445	439,800
Schedule Coordinating Expense	66,085	66,000	66,000	66,000	66,000	66,000
Other Operating Expenses	684,714	803,724	753,404	762,646	772,049	781,617
General and Administration	514,615	534,216	539,559	544,954	550,404	555,908
Internal Allocations	491,478	549,363	554,760	560,211	565,716	571,277
Board of Directors	147,728	139,312	140,705	142,112	143,533	144,969
Depreciation	2,154,780	2,077,722	2,210,140	2,248,587	2,228,876	2,209,145
Total Operating Expenses	7,568,446	7,695,827	7,804,616	7,957,748	8,056,195	8,158,225
OPERATING INCOME IN EXCESS OF REVENUES	1,716,144	1,607,198	1,811,737	1,775,827	1,796,307	1,805,948
NON-OPERATING REVENUE (EXPENSES)						
Investment Income	63,915	34,400	65,615	65,630	65,645	65,660
Other Income	39,000	39,100	39,150	39,200	39,250	39,300
Interest Expense	(1,807,524)	(1,841,363)	(1,840,908)	(1,775,543)	(1,709,602)	(1,639,572)
Amortization	(220,705)	(388,400)	(441,000)	(441,000)	(441,000)	(441,000)
Total Non-Operating Income/(Expenses)	(1,925,314)	(2,156,263)	(2,177,143)	(2,111,713)	(2,045,707)	(1,975,612)
NET INCOME (LOSS)	\$ (209,171)	\$ (549,065)	(365,406)	(335,886)	(249,400)	(169,664)
REVENUES IN EXCESS OF EXPENSES WITHOUT DEPRECIATION	\$ 1,945,610	1,528,657	1,844,734	1,912,701	1,979,476	2,039,481

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
BUDGET - CONSOLIDATED BALANCE SHEETS
FY 2019 TREND

ASSETS	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	<u>Oct-18</u>	<u>Nov-18</u>	<u>Dec-18</u>	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	<u>Apr-19</u>	<u>May-19</u>	<u>Jun-19</u>
Current Assets												
Funds												
Operating	\$ 2,709,621	\$ 2,130,498	\$ 1,424,734	\$ 1,405,315	\$ 1,432,771	\$ 1,058,143	\$ 1,983,800	\$ 2,439,318	\$ 2,085,636	\$ 2,596,601	\$ 2,902,488	\$ 2,548,188
Capital Reserve Fund	2,644,316	2,638,616	2,628,116	111,935	111,935	111,935	111,935	111,935	111,935	111,935	111,935	111,935
Snow Removal Reserve	116,986	101,186	85,386	69,586	61,736	53,886	46,036	38,186	30,336	26,936	23,536	73,416
KVFD Reserve	149,982	99,982	94,782	94,782	94,782	94,782	94,782	94,782	94,782	94,782	94,782	94,782
Restricted	527,663	450,746	447,935	485,901	484,445	482,646	496,242	537,240	563,816	563,830	620,693	656,771
COP Reserve	513,000	513,000	513,000	513,000	513,000	513,000	513,000	513,000	513,000	513,000	513,000	513,000
RUS Trustee	-	-	3,765,000	-	-	-	-	-	-	-	-	-
Total Funds	6,661,568	5,934,029	8,958,953	2,680,519	2,698,669	2,314,392	3,245,795	3,734,462	3,399,505	3,907,084	4,266,434	3,998,092
Accounts Receivable,net	458,167	577,759	645,013	724,124	1,139,862	1,581,546	1,233,154	1,183,845	1,223,460	1,023,457	848,915	490,793
Materials & Supplies	186,437	189,341	188,528	178,994	183,360	194,101	198,033	181,837	168,961	179,183	173,444	171,618
Prepaid Expenses	51,130	90,720	80,533	73,187	85,736	89,735	77,064	99,591	89,298	89,016	72,938	93,219
Total Current Assets	7,357,302	6,791,849	9,873,027	3,656,824	4,107,627	4,179,775	4,754,045	5,199,734	4,881,224	5,198,740	5,361,732	4,753,721
Capital Assets												
Buildings	12,687,923	12,687,923	12,687,923	12,687,923	12,687,923	12,687,923	12,687,923	12,687,923	12,687,923	12,687,923	12,687,923	12,687,923
Generation Equipment	16,798,382	16,798,382	16,798,382	16,798,382	16,798,382	16,798,382	16,798,382	16,798,382	16,798,382	16,798,382	16,798,382	16,798,382
General Plant & Other	57,610,652	57,610,652	57,610,652	57,610,652	57,610,652	57,610,652	57,610,652	57,610,652	57,610,652	57,610,652	57,610,652	57,610,652
Construction in Progress	253,849	253,849	253,849	253,849	253,849	253,849	253,849	253,849	253,849	253,849	253,849	253,849
Less: Accumulated Depreciation	(21,446,018)	(21,619,162)	(21,792,306)	(21,965,450)	(22,138,594)	(22,311,738)	(22,484,882)	(22,658,026)	(22,831,170)	(23,004,314)	(23,177,458)	(23,350,596)
Total Capital Assets	65,904,788	65,731,644	65,558,500	65,385,356	65,212,212	65,039,068	64,865,924	64,692,780	64,519,636	64,346,492	64,173,348	64,000,210
Non-Current Assets												
Amortization	(872,731)	(893,031)	(913,331)	(933,631)	(972,031)	(1,010,431)	(1,048,831)	(1,087,231)	(1,125,631)	(1,164,031)	(1,202,431)	(1,240,831)
Total Other Non-Current Assets	(872,731)	(893,031)	(913,331)	(933,631)	(972,031)	(1,010,431)	(1,048,831)	(1,087,231)	(1,125,631)	(1,164,031)	(1,202,431)	(1,240,831)
TOTAL ASSETS	\$ 72,389,359	\$ 71,630,462	\$ 74,518,196	\$ 68,108,549	\$ 68,347,808	\$ 68,208,411	\$ 68,571,137	\$ 68,805,283	\$ 68,275,229	\$ 68,381,201	\$ 68,332,649	\$ 67,513,100
LIABILITIES & NET ASSETS												
Current Liabilities												
Accounts Payable	\$ 258,307	\$ 272,819	\$ 239,509	\$ 251,709	\$ 291,361	\$ 345,009	\$ 341,121	\$ 324,550	\$ 323,234	\$ 288,991	\$ 221,769	\$ 212,484
Accrued Interest Payable	(147,846)	(297,986)		(149,379)	(298,742)		(148,597)	(297,177)		(147,808)	(295,601)	
Current Portion of Long-Term Debt	1,683,772	1,208,772	882,627	882,627	882,627	558,015	558,015	558,015	242,336	242,336	242,336	
Other Current Liabilities	570,165	530,165	515,865	515,865	515,865	515,865	515,865	515,865	515,865	515,865	515,865	524,365
Total Current Liabilities	2,364,398	1,713,770	1,638,000	1,500,822	1,391,111	1,418,889	1,266,404	1,101,252	1,081,435	899,383	684,369	736,849
Non-Current Liabilities												
Long-term Debt, less Current Portion	53,111,875	53,111,875	53,111,875	53,111,875	56,811,875	56,811,875	56,811,875	56,811,875	56,811,875	56,811,875	56,811,875	56,811,875
Cushion of Credit	(726,986)	(726,986)	(723,403)	(723,403)	(723,403)	(719,913)	(722,613)	(722,913)	(706,439)	(706,439)	(706,439)	(705,824)
Installment Loans	3,108,170	3,102,666	3,097,197	3,091,709	3,086,151	3,080,625	3,075,030	3,026,466	3,020,834	3,015,135	3,009,513	3,003,825
Unearned Revenues				106,548	154,039	201,530	249,022	186,766	124,510	62,254		
Net Pension Liability	713,635	713,635	713,635	713,635	713,635	713,635	713,635	713,635	713,635	713,635	713,635	713,635
Total Non-Current Liabilities	56,206,694	56,201,190	56,199,304	56,300,364	60,042,297	60,087,752	60,126,949	60,015,829	59,964,415	59,896,460	59,828,584	59,823,511
Total Liabilities	58,571,092	57,914,960	57,837,304	57,801,185	61,433,407	61,506,640	61,393,353	61,117,081	61,045,849	60,795,843	60,512,953	60,560,360
Net Assets												
Invested in Capital Asset, net of Related Debt	14,080,878	14,311,325	17,543,093	11,390,085	7,901,611	7,374,043	7,574,476	7,895,989	7,255,373	7,663,603	8,054,793	7,445,823
Unrestricted	(262,611)	(595,822)	(862,202)	(1,082,721)	(987,210)	(672,272)	(396,691)	(207,787)	(25,994)	(78,245)	(235,097)	(493,083)
Total Net Assets	13,818,267	13,715,502	16,680,892	10,307,364	6,914,401	6,701,771	7,177,785	7,688,202	7,229,380	7,585,358	7,819,696	6,952,740
TOTAL LIABILITIES & NET ASSETS	\$ 72,389,359	\$ 71,630,462	\$ 74,518,196	\$ 68,108,549	\$ 68,347,808	\$ 68,208,411	\$ 68,571,137	\$ 68,805,283	\$ 68,275,229	\$ 68,381,201	\$ 68,332,649	\$ 67,513,100

KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
CONSOLIDATED BALANCE SHEETS
FYE 2019 - 2023

	FYE 2018 JUN 30	FYE 2019 JUN 30	FYE 2020 JUN 30	FYE 2021 JUN 30	FYE 2022 JUN 30	FYE 2023 JUN 30
ASSETS						
Current Assets						
Funds						
Operating	\$ 2,284,378	2,548,188	\$ 2,789,979	\$ 2,636,600	\$ 2,477,285	\$ 2,453,253
Capital Reserve Fund	2,659,316	111,935	81,451	64,951	57,051	57,051
Snow Removal Reserve	132,786	73,416	58,301	28,368	-	-
KVFD Reserve	149,982	94,782	92,082	86,882	84,182	78,982
Restricted	658,292	656,771	655,463	658,000	658,000	658,000
COP Reserve	509,500	513,000	510,000	510,000	510,000	510,000
Total Funds	6,394,254	3,998,092	\$ 4,187,276	\$ 3,984,801	\$ 3,786,518	\$ 3,757,286
Accounts Receivable, net	394,581	490,793	528,899	535,347	541,888	548,030
Materials & Supplies	180,537	171,618	173,334	175,067	176,818	178,586
Prepaid Expenses	88,250	93,219	94,151	95,092	96,043	97,004
Total Current Assets	7,057,622	4,753,721	4,983,660	4,790,307	4,601,267	4,580,905
Capital Assets						
Buildings	12,687,923	12,687,923	12,687,923	12,687,923	12,687,923	12,687,923
Generation Equipment	16,798,382	16,798,382	16,798,382	16,798,382	16,798,382	16,798,382
General Plant & Other	57,610,652	57,610,652	57,610,652	57,610,652	57,610,652	61,065,243
Construction in Progress	253,849	253,849	253,849	253,849	253,849	0
Less: Accumulated Depreciation	(21,446,018)	(23,350,596)	(25,560,736)	(27,809,323)	(30,038,198)	(32,247,344)
Total Capital Assets	65,904,788	64,000,210	61,790,070	59,541,483	57,312,608	58,304,204
Non-Current Assets						
Amortization	(500,293)	(1,240,831)	(1,459,671)	(1,678,511)	(1,897,351)	(2,116,191)
Total Other Non-Current Assets	(500,293)	(1,240,831)	(1,459,671)	(1,678,511)	(1,897,351)	(2,116,191)
TOTAL ASSETS	\$ 72,462,117	\$ 67,513,100	\$ 65,314,059	\$ 62,653,280	\$ 60,016,524	\$ 60,768,918
LIABILITIES & NET ASSETS						
Current Liabilities						
Accounts Payable	\$ 68,684	212,484	\$ 714,609	\$ 721,755	\$ 228,973	\$ 231,263
Accrued Interest Payable	1,500	-	-	-	-	-
Current Portion of Long-Term Debt	-	-	-	-	-	-
Other Current Liabilities	728,665	524,365	534,852	545,549	556,460	567,590
Total Current Liabilities	798,849	736,849	1,249,462	1,267,305	785,433	798,852
Non-Current Liabilities						
Long-term Debt, less Current Portion	55,553,777	56,811,875	46,810,472	44,790,357	43,386,044	41,943,907
Cushion of Credit	(726,986)	(705,824)	(1,300,000)	(1,300,000)	(1,300,000)	(1,300,000)
Installment Loans	4,208,688	3,003,825	3,599,100	3,036,450	2,450,850	1,842,100
Unearned Revenues	-	-	-	-	-	-
Net Pension Liability	713,634	713,634	713,634	713,634	713,634	713,634
Total Non-Current Liabilities	59,749,113	59,823,510	49,823,206	47,240,441	45,250,528	43,199,641
Total Liabilities	60,547,962	60,560,359	51,072,667	48,507,745	46,035,962	43,998,493
Net Assets						
Invested in Capital Asset, net of Related Debt	11,569,366	7,445,824	14,606,798	14,481,420	14,229,962	16,940,090
Unrestricted	344,789	(493,083)	(365,406)	(335,886)	(249,400)	(169,664)
Total Net Assets	11,914,155	6,952,741	14,241,392	14,145,534	13,980,562	16,770,425
TOTAL LIABILITIES & NET ASSETS	\$ 72,462,117	\$ 67,513,100	\$ 65,314,059	\$ 62,653,280	\$ 60,016,524	\$ 60,768,918

**KIRKWOOD MEADOWS PUBLIC UTILITY DISTRICT
CONSOLIDATED BALANCE SHEETS
FYE 2019 - 2023**

	FYE 2018 JUN 30	FYE 2019 JUN 30	FYE 2020 JUN 30	FYE 2021 JUN 30	FYE 2022 JUN 30	FYE 2023 JUN 30
Total Net Assets	11,914,155	6,956,241	14,241,392	14,145,534	13,980,562	16,770,425
TOTAL LIABILITIES & NET ASSETS	\$ 72,462,117	\$ 67,516,600	\$ 65,314,059	\$ 62,653,280	\$ 60,016,524	\$ 60,768,918

**Kirkwood Meadows Public Utility District
Capital Plan Master 2019-2023
Narrative Description**

OVERVIEW

Capital Plan 2019-2023 is a 35-year plan that focuses on the next five fiscal years. The 35-Year total expenditures and 5-Year total expenditures are listed, along with a cycle column. The cycle column notes critical operational levels that prompt the installation of new infrastructure as indicated by the 2014 Services Capacity Analysis. This year, projects were assigned a 1 to 5 (1 being Critical) rating criteria, and all projects rating 2-5 were assigned a “Below the Line” designation, which indicates they are not included in the overall 2019-2023 Budget. The 5-Year total expenditure is \$6,318,300, which includes the construction of the Out-Valley Switch Station for a cost of \$5,400,000 or 85% of the total Capital Budget. Excluding the Switch Station, planned capital improvements average \$190,860 per year for the next five years.

WATER

Water Capacity Components:

Above the Line:

1. None

Below the Line:

2. Pressure Reducing Stations. This is an allocation to install two pressure reducing stations to service additional needs of the Valley.
3. Well Transmission Mains to Upper Zones. This is an allocation to install water mains from the sources to the upper zones to service additional needs of the Valley.
4. Tanks (1.4 Mgal). This project consists of construction of a new, welded-steel 1.4 Mgal water tank along with the necessary ancillary components and a booster system to supply needs at build-out.
5. Caples Lake. This allocation is to provide additional water to the District to meet the future development needs based on the Specific Plan. Specifically, this is an allocation for perfecting the water rights of the District from Caples Lake and exercising those rights during infrastructure improvements.
 - a. Engineering. Design and engineering of infrastructure improvements.
 - b. Legal. Review and filing of water rights application; determination of next steps.
 - c. Package Treatment Plan. This is a water filtering facility needed to provide safe water for public consumption.
 - d. Permitting/Environmental. FERC, CWRCB
 - e. Snowmaking Line Improvement. This allocation is to make improvements to the line so that it is adequate for domestic usage.

Water Replacement Components:

Above the Line:

1. Meter Interrogator. This allocation is for a handheld meter reading device for water meters not on the Flexnet platform.
2. Well Pumps. This allocation is for well pumps that either need to be rebuilt or replaced.
3. Well 2 Roof. This allocation is for re-shingling the Well 2 Roof.

Below the Line:

4. Distribution System Valve Replacement. This allocation is for annual replacement of damaged, malfunctioning valves.
5. Telemetry. To be used for electrical and ancillary equipment to provide information on water tank levels and water production.
6. Fire Hydrant Replacements. Bi-annual replacement of one fire hydrant.
7. Remote Read Meter Replacement. This is a project occurring every 20 years, to replace water meters at the end of useful life.
8. Vehicle Purchase. This allocation is for the replacement of older District vehicles.
9. Commercial Remote Read Water Meters. This allocation is to complete the remote read water meter project.
10. Mountain Club Water Meter Relocation. This allocation is for relocation of the Mountain Club water meters to an accessible location.

WASTEWATER

Wastewater Capacity Components:

Above the Line:

1. Feasibility Study. This allocation, split with Replacement, is for a Feasibility Study to review repair, rehabilitation and/or replacement options at the WWTF.

Below the Line:

2. Aeration Blowers (2). This allocation is for the installation of two new aeration blowers used in the process of wastewater treatment.
3. EQ Tanks (1). This is required to meet future emergency wastewater storage.
4. Membrane Upgrade. This allocation is for membrane replacement as modules fail.
5. Effluent Pumps. This is the cost of two new effluent pumps.

Wastewater Replacement Components:

Above the Line:

1. Collection System Infiltration/Inflow Repairs. This allocation is for repairs to the collection system to prevent inflow and infiltration in accordance with the Sanitary Sewer Management Plan (SSMP).
2. Hot Water Heater, Main Lift. This is an allocation to install a hot water source at the Main Lift.

3. Jetter Camera. This allocation is for purchase of a District trailer mounted, jetter with camera to address collection line blockages and to perform in-house camera investigations of collection mains.
4. Centrifuge Polymer Feed System. This allocation is for replacement of the existing polymer feed system.
5. Hycore Brush Replacement. This allocation is for replacement of the existing brush that has reached the end of useful life.
6. WWTP Roof Repair. This is for the repair of the WWTF roof.
7. Pumps/Controls, Absorption Beds. This is an allocation for replacement of the existing Absorption Bed supply pumps on a ten year cycle.

Below the Line:

8. East Lift Controls. This allocation is to move the controls above grade.
9. Pumps, Main Lift. This allocation is for replacement of the Main Lift pumps that have reached the end of useful life.
10. Aluma Valve Replacement. This allocation is for replacement of the existing valve that has reached the end of useful life.
11. Hycore Upgrade. An allocation to replace or upgrade the Hycore to increase capacity of current screening system.
12. Motor Control Cabinet Refurbishment. This allocation cleans, refurbishes, and replaces failing components of the MCCs.
13. Pumps, Anoxic/EQ/Main Lift. This is for the repair/replacement of Anoxic, Equalization and Main Lift pumps.
14. WWTP UPS. This is for the purchase of a uninterruptible power supply for the WWTF to protect equipment during power outages.
15. Ventilation for WWTF. This replaces failed exhaust fans at the WWTF.
16. Emergency Storage Piping/Pumps. This allocation is for a permanent piped system between the WWTF and emergency storage.
17. Membranes. This is for ongoing maintenance and repairs to controls and systems to maintain the existing membrane system.
18. SCADA/PLC/Control System Replacement. Replaces outdated, non-functioning, or unsupported systems.
19. Centrifuge Rebuild. This allocation rebuild the centrifuge every five years to extend its longevity.
20. EQ Tanks (1). This is an allocation to replace the existing EQ tank when it reaches the end of useful life.
21. Heating at WWTF. Installs central HVAC at the WWTF.
22. Laboratory Rehabilitation. This allocation would rehabilitate the laboratory space and equipment.
23. Integrated SCADA System. This is the cost for upgrades and improvements to the existing SCADA System.
24. Variable Frequency Drive Replacement. This is a bi-annual allocation for VFD replacement.
25. Effluent Disposal Line. This is for ongoing maintenance and repair to the effluent disposal line and ancillary equipment.
26. Vehicle Purchase. This is for the replacement of older District vehicles.
27. Lift Equipment. This is for repair or replacement of Lift Pumps used at the East and Main Lifts.

EMPLOYEE HOUSING

Employee Housing Capacity Component:

Above the Line:

1. None

Below the Line:

2. Lava Rock II. Needed for District staff at build-out.

Employee Housing Replacement Component:

Above the Line:

1. Concrete Coring/Venting. This allocation would rectify an on-going issue of inadequate appliance venting that has led to repeated mold issues in housing and would properly vent all appliances through new penetrations in the exterior walls.
2. Dishwashers. Bi-annual replacement until all 8 replaced, then every 10 years or as equipment fails.
3. Roof Repairs. Repair/replace damaged roof panels, fascia, and leaks.

Below the Line:

4. Flooring. Bi-annual replacement until all 8 units flooring replaced, then every 10 years.
5. Hot Water Heaters. Bi-annual replacement until remaining 6 replaced, then every 10 years or as equipment fails.
6. Washers/Dryers. Bi-annual replacement until remaining 6 replaced, then every 10 years or as equipment fails.
7. Refrigerators. Bi-annual replacement until remaining 6 replaced, then every 10 years or as equipment fails.

FIRE DEPARTMENT

Fire Department Capacity Component:

Above the Line:

1. None

Below the Line:

2. 110' Ladder Truck. This Ladder Truck would aid the fire department with high rise building rescues. This capital expense will also assist the Fire Department by giving the department more credit with Insurance Service Organization (ISO) property insurance rating.
3. Light Rescue/Command Vehicle. This expense is to replace "Rescue-3" a 1993 Chevy Crew Cab 4x4 3500.
4. Personal Protective Gear (2). This allocation replaces existing Personal Protective Equipment and includes the purchase additional equipment needed for Build-Out.

Fire Department Replacement Component

Above the Line:

1. Hose Replacement. This is for ongoing replacement of equipment for Engine 93 and 193.
2. Radio Reprogramming. Annual cost to reprogram all KVFD radios.
3. Structure Gear / PPE x 2. This is for ongoing replacement of personal protective equipment for fire department members.

Below the Line:

4. Knox Box Key Management System. This allocation would provide a management system for all Kirkwood Valley knox box keys.
5. SCBA. Replaces 4 units per year over 3 years.
6. Extrication Equipment. This allocation would provide for new extrication equipment for vehicular emergencies.
7. Ladder Replacement. This allocation would replace all ladders on a 10 year basis.
8. Type 1 Fire Truck. This allocation would replace the existing truck when it reaches end of useful life.

ELECTRIC

Electric Capacity Component

Above the Line:

1. Switch Station. This project may be needed to comply with the PG&E Interconnection Agreement for the Out-Valley transmission line.

Below the Line:

2. Upgrades to the Powerhouse / future capacity. This allocation is for upgrades to existing Powerhouse generators and distribution system needed to meet future capacity needs of 8MW.

Electric Replacement Component

Above the Line:

1. CEMS Maintenance/Replacement. This project is to replace components of the emissions control systems in order to pass required emissions testing.
2. CT Testing/Replacement. This allocation is for testing and replacement of current transformers used in commercial electric meters.
3. Gate Replacement. Replace two severely damaged Out Valley gates.
4. OV Cabinet Replacement. This project will replace the damaged Out-Valley cabinet near Tragedy Springs.
5. OV Relay Programming. This allocation is to reprogram the Out-Valley relays to allow remote closure of the 34.5kV breaker at KM Green.
6. Powerhouse Relay Programming. This allocation is to reprogram the Powerhouse relays to prevent an outage when switching from generators to Out-Valley power during emergency operations.

7. Service Truck. This is split with Propane and replaces older District vehicles.
8. Switch Station. This project divided equally between Capacity and Replacement is needed to comply with the PG&E Interconnection Agreement for the Out-Valley transmission line.
9. Tugger. This tool will allow Staff to pull electric cable through conduit as needed for repair or expansion of the distribution system.
10. Powerhouse Breaker. This project may be needed to replace the main house breaker at the Powerhouse.
11. Commercial Meter Testing. This project is for third party testing and repair of commercial electric meters.

Below the Line:

12. Distribution System FCIs. This is an allocation to install Faulted Circuit Indicators into distribution system transformers and vaults to aid in the location and isolation of faulted cables.
13. Riser Vaults. This project will replace damaged above ground cabinets with vaults.
14. Service Lines. This is reserved for replacement of service lines for the electrical distribution system.
15. Transformer Retaining Walls. This allocation provides for retaining walls behind v transformers to prevent debris and snow intrusion.
16. Fremont/Dangburg Line Replacement. This project consists of replacing an existing electrical line which runs through a storm drain and does not meet current District standards.
17. Backside Meter Cabinet. This is reserved for the installation of a high voltage metering cabinet for all backside facilities to be installed near Chair 1.
18. Caples Lake Transformer Containment. This project provides secondary containment for the oil in the transformer near Caples Lake.
19. Meadow Line Replacement. This project re-routes a section of the distribution line in the meadow to eliminate submerged vaults.
20. Phase 3 Loop Road Project. This project would replace the direct bury line from the transformer across from the WWTP to the vault on Loop Road (next to the middle Chair 7 parking lot) to the oil switches at the Resort's Vehicle Maintenance Shop.
21. Snowcat (1/2 of cost). This allocation is for the purchase of a small snowcat for Out-Valley access.
22. Snowmobile. This allocation is for a "powder sled" as the existing equipment is inadequate to reach KM Green during severe weather.

PROPANE

Propane Capacity Component

Above the Line:

1. None

Below the Line:

1. Propane Tank – 30,000 gal (3/4 of cost). This is an additional tank to provide storage and needed volume for additional capacity.
2. Master Meter. This is an additional meter to measure the tank level and/or outflow from the new tank.
3. Regulators. This equipment is needed in conjunction with a new vaporizer to provide needed pressure for demand at buildout.

4. Tank Protection/Security (3/8 of cost). This line item is for upgrades to security at the propane tanks and delivery system, including the installation of secure fencing around facilities and tanks, replacement of the existing security camera system focused on the propane tanks across from the WWTP.
5. Vaporizer. This will provide needed pressure for demand at buildout.

Propane Replacement Component

Above the Line:

1. Install Curb Stops. This project would install curb-stops (shut off valves) at the distribution mains so service lines can be shut off at the property line instead of the meter.
2. Leak Survey. This is for the leak survey required every five years by Code.
3. Meter Replacement (Commercial). This project replaces 10% of existing commercial meters per year as required by CPUC.
4. Meter Replacement (Residential). This project replaces 10% of existing residential meters per year as required by CPUC.
5. Propane Tank Shed (Lava Rock & WWTF). This project replaces the deteriorated tank sheds.
6. Propane Tank Valve Replacement. This replaces the intermittently failing valve between the two main supply tanks.
7. Service Truck. This is split with Electric and replaces older District vehicles.

Below the Line:

8. 1.25" Poly Tools. This is for tools necessary to work on 1.25" poly tubing.
9. Air Line Replacement. This project replaces the underground air line that controls the propane emergency shutoffs and tank valves.
10. Propane Tank – 30,000 gal (1/4 of cost). This is an additional tank to provide storage and needed volume for additional capacity.
11. Tank Protection/Security (5/8 of cost). This line item is for upgrades to security at the propane tanks and delivery system, including the installation of secure fencing around facilities and tanks, replacement of the existing security camera system focused on the propane tanks across from the WWTP.

SNOW REMOVAL

Snow Removal Capacity Component

Above the Line:

1. None

Below the Line:

2. None.

Snow Removal Replacement Component

Above the Line:

1. 416C Tires. Replacement of tires that have reached end of useful life.
2. 950 16' Blade. This allocation is for the purchase of a blade for the 950GC, which would allow two blades to be run simultaneously.
3. Flammable Storage Cabinet. This allocation is for a storage cabinet which meets CalOSHA requirements for material storage.
4. Loader Chains. This allocation is for replacement of chains due to wear.
5. Trackless Chains. This allocation is for replacement of chains due to wear.

Below the Line:

6. 950 Motor Replacement/Service. This is reserved for the replacement and service of the motor in the 950 Loader.
7. Exhaust Fan/Ducting for Shop. This allocation is for installation of exhaust equipment in the Shop.
8. Loader Chain Rack. This allocation is for construction of a rack to eliminate chains being spread on the shop floor.
9. Material Handling Unit. This equipment would allow staff to move large or heavy items with the loader.
10. Vehicle Tires. This allocation is for replacement of unsafe tires for the fleet, as necessary.
11. Trackless. This new equipment will be required to replace aging equipment and enable the District to provide increased snow removal operations at build-out.
12. Gantry Crane. This is used to assist staff with removal of motors and other heavy equipment during maintenance and repair operations.
13. Snowcat (1/2 of cost). This allocation is for the purchase of a small snowcat for snow removal and ramping.
14. Tires for 950F. The original 950F tires have been in service since the purchase of the 950F, and it is estimated they will need replacing every five years.
15. RPM Rebuild. This is reserved for repair and replacement of the motor and drum of the RPM blower.

CABLE

Cable Capacity Component

Above the Line:

1. None

Below the Line:

2. None.

Cable Replacement Component

Above the Line:

1. Channel 19 Equipment/Education. Ongoing expense for equipment replacement and modifications.
2. Cable Equipment. Ongoing expense for equipment replacement and modifications.

Below the Line:

3. None

PARKS AND RECREATION

Parks and Recreation Capacity Component

Above the Line:

1. None

Below the Line:

2. None.

Parks and Recreation Replacement Component

Above the Line:

1. Playground Equipment. This item is reserved for the future purchase and repair of playground equipment.

Below the Line:

2. None

SOLID WASTE

Solid Waste Capacity Component

Above the Line:

1. None

Below the Line:

2. None.

Solid Waste Replacement Component

Above the Line:

1. Dumpsters. This is for replacement and/or repair of existing dumpsters and the purchase of new dumpsters to meet build-out demand.
2. Recycling. This is for replacement and/or repair of the existing recycle dumpsters and the purchase of new ones to meet build-out demand.

Below the Line:

3. None

OPERATES (SHARED)

Operations (Shared) Capacity Component

Above the Line:

1. None

Below the Line:

2. None.

Operations (Shared) Replacement Component

Above the Line:

1. Computers. This is for replacement of antiquated computers.
2. CSB Roof Repair. This allocation is for repair of the leaking CSB roof in the Board Room.
3. CSB Windows. This allocation is for repair of failing gaskets, latches, etc. of the CSB windows.
4. Fall Protection. This allocation is for installation of fall protection on all permanent ladders that require fall protection per CalOSHA.
5. Office Equipment. This allocation is for replacement of ergonomically incorrect chairs, workstations, etc.
6. Shoring. This allocation is for purchase of 6 "speed-shore" units to allow safe trench excavation, and as required per CalOSHA.

Below the Line:

7. CSB HVAC. This allocation is for reprogramming and possible duct re-routing for inefficient HVAC zoning.
8. Security. This allocation is for additional security cameras and equipment at District facilities
9. Scaffolding. This allocation is for purchase of scaffolding to replace regular rental of said equipment.
10. Facilities Network Connectivity. This allocation is to interconnect the WWTF with the CSB network.

11. 10,000 Vehicle Lift. This allocation is for purchase of a vehicle lift to improve efficiency of regular maintenance and repairs of equipment.
12. Tire Machine & Balancer. This equipment would allow staff to mount and repair tires.

**Kirkwood Meadows Public Utility District
FY 18/19 Capital Improvement Projects**

Expense	35 Yr Total	5 Yr Total	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component							
Water	0	0	0	0	0	0	0
Wastewater	30,000	30,000	30,000	0	0	0	0
Employee Housing	0	0	0	0	0	0	0
Fire	0	0	0	0	0	0	0
Electric	2,700,000	2,700,000	200,000	1,250,000	1,250,000	0	0
Propane	0	0	0	0	0	0	0
Snow Removal	0	0	0	0	0	0	0
Cable	0	0	0	0	0	0	0
Parks and Rec	0	0	0	0	0	0	0
Solid Waste	0	0	0	0	0	0	0
Operations Shared	0	0	0	0	0	0	0
Total Capacity Expense	2,730,000	2,730,000	230,000	1,250,000	1,250,000	0	0
Replacement Component							
Water	107,500	27,500	17,500	5,000	0	5,000	0
Wastewater	576,500	362,000	160,500	50,000	50,000	51,500	50,000
Employee Housing	35,500	30,000	29,000	0	500	0	500
Fire	95,500	16,000	3,200	3,200	3,200	3,200	3,200
Electric	3,118,500	2,862,000	344,500	1,267,500	1,250,000	0	0
Propane	793,000	136,000	70,000	16,500	16,500	16,500	16,500
Snow Removal	367,500	70,800	31,800	9,000	10,500	9,000	10,500
Cable	77,000	11,000	1,000	7,000	1,000	1,000	1,000
Parks and Rec	81,000	18,000	1,500	0	1,500	0	15,000
Solid Waste	175,000	25,000	5,000	5,000	5,000	5,000	5,000
Operations Shared	98,000	30,000	24,000	0	3,000	0	3,000
Total Replacement Expense	5,525,000	3,588,300	688,000	1,363,200	1,341,200	91,200	104,700
Total Capital Expense	8,255,000	6,318,300	918,000	2,613,200	2,591,200	91,200	104,700

**Kirkwood Meadows Public Utility District
FY 18/19 Capital Improvement Projects**

Water

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component				Scale 1~5 1=Critical					
<i>Distribution</i>									
<i>Storage</i>									
<i>Water Rights</i>									
Total Water Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Meter Interrogator	15,000	15,000	One-Time	1	15,000				
Well Pumps	85,000	10,000	Two Years	1		5,000		5,000	
Well 2 Roof	7,500	2,500	Fifteen Years	1	2,500				
Total Water Replacement Expense	107,500	27,500			17,500	5,000	0	5,000	0
Total Water Capital Expense	107,500	27,500			17,500	5,000	0	5,000	0
BELOW THE LINE									
Pressure Reducing Stations (2)	80,000	0		2					
Well Transmission Mains to Upper Zones	250,000	0		2					
Tanks (1.4 Mgal additional)	3,500,000	0	When operational, emergency and fire storage requirements exceed 950,000 gallons	4					
Caples Lake Water Rights	880,000	0	When demand exceeds 324,000 gallons per day	5					
Distribution System Valve Replacement	220,000	70,000	Annual	2	15,000	25,000	10,000	10,000	10,000
Telemetry	35,000	5,000	Five Years	2	5,000				
Fire Hydrant Replacements	108,000	18,000	Two Years	3	6,000		6,000		6,000
Remote Read Meter Replacement	75,000	7,500	Twenty Years	4					7,500
Vehicle Purchase (Split with Wastewater)	120,000	30,000	Ten Years	4				30,000	
Commercial Remote Read Water Meters	30,000	15,000	Twenty Years	4					15,000
Mountain Club Water Meter Relocation	10,000	10,000	One-Time	5					10,000

**Kirkwood Meadows Public Utility District
FY 18/19 Capital Improvement Projects**

Wastewater

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component					Scale 1~5 1=Critical				
<i>Collection</i>									
<i>Treatment</i>									
Feasibility Study (50%)	30,000	30,000		1	30,000				
<i>Disposal</i>									
Total Wastewater Capacity Expense	30,000	30,000			30,000	0	0	0	0
Replacement Component									
<i>Collection</i>									
Collection System Infiltration/Inflow Repairs	370,000	280,000	Annual for 10 Years	1	80,000	50,000	50,000	50,000	50,000
Hot Water Heater, Main Lift	10,000	2,500	Ten Years	1	2,500				
Jetter Camera	36,000	9,000	Ten Years	1	9,000				
<i>Treatment</i>									
Feasibility Study (50%)	30,000	30,000	One Time	1	30,000				
Centrifuge Polymer Feed System	35,000	5,000	Five Years	1	5,000				
Hycore Brush Replacement	18,000	3,000	Three Years	1	1,500			1,500	
WWTP Roof Repair	25,000	25,000	One Time	1	25,000				
<i>Disposal</i>									
Pumps/Controls, Absorption Beds	52,500	7,500	Ten Years	1	7,500				
<i>General</i>									
Total Wastewater Replacement Expense	576,500	362,000			160,500	50,000	50,000	51,500	50,000
Total Wastewater Capital Expense	606,500	392,000			190,500	50,000	50,000	51,500	50,000
BELOW THE LINE									
Aeration Blower (2@ \$60,000)	120,000	60,000	When air-flow requirements exceed 1,130 SCFM	4					60,000
EQ Tanks (1 New)	337,500	0	When 3 days peak flow exceeds 290,000 gal	5					
Membranes Upgrade Koch (Option 4)	702,000	0	As Needed	5					
Effluent Pumps	20,000	0	When effluent flows exceed 288,000 gal/day	5					
East Lift Controls Moved from Vault	120,000	120,000	One Time	2			120,000		
Pumps, Main Lift	112,000	14,000	Two Years	2			7,000		7,000
Aluma Valve	31,500	10,500	Fifteen Years	2		10,500			
Hycore Upgrade	68,000	68,000	One Time	2			68,000		
Motor Control Cabinets Refurbished	60,000	60,000	One Time	2		60,000			

**Kirkwood Meadows Public Utility District
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Wastewater

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Pumps, Anoxic / EQ / Filtrate	119,000	14,000	Two Years	2		7,000		7,000	
WWTP UPS	15,000	15,000	One Time	2		15,000			
Ventilation for WWTP	105,000	35,000	Fifteen Years	2		35,000			
Emergency Storage Piping/Pumps	50,000	50,000	One Time	3			50,000		
Membranes	540,000	0	Five Years	3					
SCADA/PLC/Controls System Replacement	500,000	500,000	One Time	3				250,000	250,000
Centrifuge Rebuild	245,000	35,000	Five Years	4				35,000	
EQ Tanks (1 Replacement)	600,000	0	One Time	5					
Heating at WWTP	75,000	25,000	Twenty Years	5					25,000
Lab Rehab	50,000	50,000	One Time	5					50,000
VFD Replacement	170,000	20,000	Two Years	3			10,000		10,000
Effluent Disposal Line	25,000	0	One Time	5					
Vehicle Purchase (Split with Water)	135,000	30,000	Ten Years	4				30,000	
Lift Equipment	30,000	0	Ten Years	5					

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Employee Housing

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component				Scale 1~5 1=Critical					
Total Employee Housing Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Concrete Coring/Venting	25,000	25,000	One Time	1	25,000				
Dishwashers	7,000	1,500	Two Years (Until all 8 Replaced, then 10 Years)	1	500		500		500
Roof Repairs	3,500	3,500	One Time	1	3,500				
Total Employee Housing Replacement Expens	35,500	30,000			29,000	0	500	0	500
Total Employee Housing Capital Expense	35,500	30,000			29,000	0	500	0	500
BELOW THE LINE									
Lava Rock II	2,100,000	0	When Staff needs exceed available housing	5					
Flooring	22,400	4,800	Two Years (Until all 8 Replaced, then 10 Years)	2	1,600		1,600		1,600
Hot Water Heater	84,000	18,000	Two Years (Until Remaining 6 Replaced, then 10 Years)	2	6,000		6,000		6,000
Washers/ Dryers	21,000	3,000	Two Years (Until Remaining 6 Replaced, then 10 Years)	2		1,500		1,500	
Refrigerators	13,000	2,000	Two Years (Until Remaining 6 Replaced, then 10 Years)	3			1,000		1,000

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Fire

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component				Scale 1~5 1=Critical					
Total Fire Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Hose Replacement	52,500	7,500	Annual	1	1,500	1,500	1,500	1,500	1,500
Radio Reprogramming	13,000	2,500	Annual	1	500	500	500	500	500
Structure Gear / PPE	30,000	6,000	Annual	1	1,200	1,200	1,200	1,200	1,200
Total Fire Replacement Expense	95,500	16,000			3,200	3,200	3,200	3,200	3,200
Total Fire Capital Expense	95,500	16,000			3,200	3,200	3,200	3,200	3,200
BELOW THE LINE									
110" Ladder Truck	1,500,000	0	20 years	5					
Light Rescue/ Command Vehicle	62,500	62,500	15 years	5					62,500
Personal Protective Gear (2)	12,000	0	5 years	5					
Knox box key management system	3,000	1,000	One Time	2		1,000			
SCBA's (7,000 per unit + spare cylinder)	336,000	84,000	10 years	2	28,000	28,000	28,000		
Extrication Equipment	10,000	10,000	15 years	3			10,000		
Ladder Replacement	30,000	0	10 years	5					
Light Rescue/ Command Vehicle	192,500	62,500	15 years	5					62,500
Type 1 Fire Truck	1,900,000	0	20 years	5					

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Electric

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component				Scale 1~5 1=Critical					
Switch Station	2,700,000	2,700,000	Contingent on PG&E Negotiations	1	200,000	1,250,000	1,250,000		
Total Electric Capacity Expense	2,700,000	2,700,000			200,000	1,250,000	1,250,000	0	0
Replacement Component									
CEMS Maintenance/Replacement	105,000	15,000	5 years	1	15,000				
CT Testing/Replacement	30,000	7,500	10 years	1	7,500				
Gate Replacement	12,000	12,000	One Time	1	12,000				
OV Cabinet Replacement	60,000	30,000	15 years	1	15,000	15,000			
OV Relay Programming	12,000	12,000	One Time	1	12,000				
Powerhouse Relay Programming	25,000	25,000	One Time	1	25,000				
Service Truck (Split with Propane)	120,000	30,000	Ten Years	1	30,000				
Switch Station (Replacement Component)	2,700,000	2,700,000	Contingent on PG&E Negotiations	1	200,000	1,250,000	1,250,000		
Tugger	34,000	10,000	10 years	1	10,000				
Powerhouse Breaker	2,500	2,500	One Time	1		2,500			
Commercial Meter Testing	18,000	18,000	One Time	1	18,000				
Total Electric Replacement Expense	3,118,500	2,862,000			344,500	1,267,500	1,250,000	0	0
Total Electric Capital Expense	5,818,500	5,562,000			544,500	2,517,500	2,500,000	0	0
BELOW THE LINE									
Fremont Dangburg Line Relocation	30,000	30,000	Contingent on PG&E Negotiations	2		30,000			
Upgrades the PH/ future capacity (8MW)	1,500,000	0	When peak demand reaches 5MW	5					
Distribution System FCIs	12,500	12,500	One Time	2		12,500			
Riser Vaults (8)	24,000	24,000	Annual for 4 years	2		6,000	6,000	6,000	6,000
Service Lines	68,000	8,000	Two Years	2		4,000		4,000	
Transformer Retaining Walls	6,000	6,000	One Time	2	6,000				
Fremont / Dangburg Line Replacement	7,500	7,500	One Time	3			7,500		
Backside meter cabinet	68,000	0	One Time	5					
Caples Lake Transformer Containment	10,000	10,000	One Time	5					10,000
Meadow line replacement	74,000	74,000	One Time	5					74,000
Phase 3 Loop Road Project	95,000	0	One Time	5					

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Electric

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Snowcat (1/2 of cost)	75,000	0	One Time	5					
Snowmaking Transformer	16,000	16,000	One Time	5					16,000
Snowmobile	45,000	0	10 years	5					

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Propane

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component				Scale 1~5 1=Critical					
Total Propane Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Install Curbstops	87,500	12,500	Annual	1	2,500	2,500	2,500	2,500	2,500
Leak Survey	70,000	10,000	Five Years	1	10,000				
Meter Replacment (Commercial)	245,000	35,000	10% a year	1	7,000	7,000	7,000	7,000	7,000
Meter Replacment (Residential)	245,000	35,000	10% a year	1	7,000	7,000	7,000	7,000	7,000
Propane Tank Shed - Lava Rock and WWTP	3,500	3,500	One Time	1	3,500				
Propane Tank, Valve Replacement	10,000	10,000	One Time	1	10,000				
Service Truck (Split with Electric)	132,000	30,000	Ten Years	1	30,000				
Total Propane Replacement Expense	793,000	136,000			70,000	16,500	16,500	16,500	16,500
Total Propane Capital Expense	793,000	136,000			70,000	16,500	16,500	16,500	16,500
BELOW THE LINE									
Propane Tank, 30,000 gallon (3/4 of cost)	225,000	225,000	When peak use is ≥ 7,500 gal/day	3			225,000		
Master Meter	25,000	0		5					
Regulators	15,000	0	When current vaporizers cannot maintain system pressure	5					
Tank Protection/ Security (3/8 of cost)	11,250	11,250	One Time	5					11,250
Vaporizer	72,000	0	When current vaporizers cannot maintain system pressure	5					
1.25" Poly tools	1,200	1,200	Ten Years	2		1,200			
Air Line Replacement	3,000	3,000	One Time	3			3,000		
Propane Tank, 30,000 gallon (1/4 of cost)	75,000	75,000	One Time	3			75,000		
Tank Protection/ Security (5/8 of cost)	18,750	18,750	One Time	5					18,750

**Kirkwood Meadows Public Utility District
FY 18/19 Capital Improvement Projects**

Snow Removal

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component				Scale 1~5 1=Critical					
[No Capital Capacity Improvements]									
Total Snow Removal Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
416C Tires	5,600	1,400	Nine Years	1	1,400				
950 16' Blade	18,500	18,500	One Time		18,500				
Flammable Storage Cabinet	1,400	1,400	One Time	1	1,400				
Loader Chains	175,000	25,000	Annual	1	5,000	5,000	5,000	5,000	5,000
Trackless Chains	140,000	20,000	Annual	1	4,000	4,000	4,000	4,000	4,000
Trackless Tires	27,000	4,500	Two Years	1	1,500		1,500		1,500
Total Snow Removal Replacement Expense	367,500	70,800			31,800	9,000	10,500	9,000	10,500
Total Snow Removal Capital Expense	367,500	70,800			31,800	9,000	10,500	9,000	10,500
BELOW THE LINE									
950F Motor Replacement / Svc	120,000	20,000	Three Years	2		10,000			10,000
Exhaust Fan/Ducting for Shop	10,000	10,000	One Time	2		10,000			
Loader Chain Rack	8,000	8,000	One Time	2	8,000				
Material Handling Unit	5,000	5,000	One Time	2		5,000			
Vehicle Tires	24,000	6,000	Five Years	3	3,000		3,000		
Trackless	750,000	150,000	As Equipment is Retired	4				150,000	
Gantry Crane	5,000	0	One Time	5					
Snowcat (1/2 of cost)	75,000	0	One Time	5					
Tires for 950	90,000	0	Five Years	5					
RPM Rebuild	102,600	17,100	Five Years	5					17,100

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Cable

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component				Scale 1~5 1=Critical					
[No Capital Capacity Improvements]									
Total Cable Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Channel 19 Equipment/ Education	35,000	5,000	Annual	1	1,000	1,000	1,000	1,000	1,000
Cable Equipment	42,000	6,000	Five Years	2		6,000			
Total Cable Replacement Expense	77,000	11,000			1,000	7,000	1,000	1,000	1,000
Total Cable Capital Expense	77,000	11,000	0		1,000	7,000	1,000	1,000	1,000

**Kirkwood Meadows Public Utility District
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Parks and Rec

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component				Scale 1~5 1=Critical					
[No Capital Capacity Improvements]									
Total Parks and Rec Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Playground Equipment	81,000	18,000	Two Years Repair/Ten Years Replace	5	1,500		1,500		15,000
Total Parks and Rec Replacement Expense	81,000	18,000			1,500	0	1,500	0	15,000
Total Parks and Rec Capital Expense	81,000	18,000			1,500	0	1,500	0	15,000

**Kirkwood Meadows Public Utility District
FY 18/19 Capital Improvement Projects**

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component				Scale 1~5 1=Critical					
[No Capital Capacity Improvements]									
Total Solid Waste Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Dumpsters	90,000	15,000	Two Years	1	5,000		5,000		5,000
Recycling	85,000	10,000	Two Years	2		5,000		5,000	
Total Solid Waste Replacement Expense	175,000	25,000			5,000	5,000	5,000	5,000	5,000
Total Solid Waste Capital Expense	175,000	25,000			5,000	5,000	5,000	5,000	5,000

**Kirkwood Meadows Public Utility District
FY 18/19 Capital Improvement Projects**

Expense	35 Yr Total	5 Yr Total	Cycle	Priority	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Capacity Component				Scale 1~5 1=Critical					
[No Capital Capacity Improvements]									
Total Operations_Shared Capacity Expense	0	0			0	0	0	0	0
Replacement Component									
Computer (2)	22,500	4,500	Two Years	1	1,500		1,500		1,500
CSB Roof Repair	6,500	6,500	One Time	1	6,500				
CSB Windows	15,000	5,000	Ten Years	1	5,000				
Fall Protection	12,000	2,000	Five Years	1	2,000				
Office Equipment	19,500	4,500	Two Years	1	1,500		1,500		1,500
Shoring	22,500	7,500	Fifteen Years	1	7,500				
Total Operations_Shared Replacement Expens	98,000	30,000			24,000	0	3,000	0	3,000
Total Operations_Shared Capital Expense	98,000	30,000			24,000	0	3,000	0	3,000
BELOW THE LINE									
CSB HVAC	10,000	10,000	One Time	2	10,000				
Security	30,000	15,000	Ten Years	2		5,000	5,000	5,000	
Scaffolding	5,000	2,000	Ten Years	3			2,000		
Facilities Network Connectivity	25,000	25,000	One Time	4				25,000	
10,000lb Truck/Trackless Lift	8,000	8,000	One Time	5					8,000
Tire Machine and Balancer	13,500	0	Fifteen Years	5					