

Kirkwood Meadows Public Utility District
Operations Committee
REGULAR MEETING AGENDA

NOTICE IS HEREBY GIVEN that the Operations Committee of the Kirkwood Meadows Public Utility District has called a Regular Meeting of the Committee to be held on **Wednesday, February 27, 2019 at 3:30 p.m.** at the Kirkwood Meadows Public Utility District, Community Services Building, 33540 Loop Road, Kirkwood, CA 95646.

The Agenda for this Regular Meeting is:

1. **Performance Reporting.** Updated efficiencies and losses of each Department. **Pgs. 2-3**
2. **Utilities Update/Issues.**
 - a. **Electric**
 - b. **Propane**
 - c. **Water**
 - d. **Wastewater**
 - e. **Solid Waste**
3. **Fire Code Update.** Update.
4. **Snow Removal Subcommittee.** Discussion.
5. **Operations Objectives.** Update. **Pg. 4**
6. **Future Topics.**
7. Next Meeting/Staff Recommendation: *Wednesday, March 27, 2019 - 3:30pm.*

Dated: February 20, 2019

Kirkwood Meadows PUD

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

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

**Kirkwood Meadows Public Utility District
Electric Generation
2018/2019**

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	2018/2019 Totals
Total Production (kWh)	451,825	424,330	378,948	476,256	854,671	1,195,463	1,004,305						4,785,798
CAISO Purchase (kWh)	451,825	424,330	378,948	476,256	854,671	1,195,463	1,004,305						4,785,798
Powerhouse Production (kWh)	0	0	0	0	0	0	0						0
Actual Metered (kWh)	355,467	355,467	288,489	370,656	756,468	1,004,191	918,767						4,049,505
Total System Losses (kWh)	96,358	68,863	90,459	105,600	98,203	191,272	85,538						736,293
Identified System Losses (Estimated kWh):													
KM Blue Transformer	9,523	9,226	8,630	9,821	8,928	9,226	9,226						64,579
KM Green Transformer	11,244	10,892	10,189	11,595	10,541	10,892	10,892						76,245
Step-Up Transformers	8,640	8,640	8,640	8,640	8,640	8,640	8,641						60,481
Total Identified System Losses (kWh)	29,407	28,758	27,460	30,056	28,109	28,758	28,759						201,305
Unidentified System Losses (kWh):													
Distribution System Losses	26,027	22,761	30,699	25,801	25,802	63,004	27,402						221,496
OV Line Loss	40,924	17,344	32,300	49,743	44,292	99,511	29,377						313,492
Total Unidentified System Losses (kWh)	66,951	40,105	62,999	75,544	70,094	162,515	56,779						534,988
% Unidentified System Losses (Goal 12%)	15%	9%	17%	16%	8%	14%	6%						11%

**Kirkwood Meadows Public Utility District
Propane Production
2018/2019**

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2018/2019 Totals
Propane Usage (cf)	534,766	433,510	569,765	994,894	1,630,017	3,272,659	3,390,065						10,825,675
Actual Metered (cf)	512,889	521,144	541,263	1,046,931	1,836,531	3,515,353	3,527,009						11,501,120
Unmetered Total	21,877	(87,634)	28,502	(52,037)	(206,514)	(242,694)	(136,944)						(675,445)
% Unmetered (Goal 2%)	4%	-20%	5%	-5%	-13%	-7%	-4%						-6%

**Kirkwood Meadows Public Utility District
Water Production
2018/2019**

	JULY	AUG*	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2018/2019 Totals
Total Production (Gallons)	1,571,872	1,155,736	902,031	688,346	981,626	1,654,947	1,872,030						8,826,588
Actual Metered (Gallons)	1,282,386	898,173	732,359	426,427	930,427	1,633,176	1,817,116						7,720,065
Total System Losses (Gallons)	289,486	257,563	169,672	261,919	51,199	21,771	54,914						1,106,523
Identified System Losses - (Estimated Gallons)													
District Facility Use	12,000	12,000	12,000	12,000	32,477	12,000	57,695						150,172
Hydrant / Sample Flushing	1,000	31,900	0	66,560	3,000	1,000	4,000						107,460
Backwards Meter Reads	1,000	1,000	1,000	1,000	1,000	1,000	1,000						7,000
Discovered Leaks Before Meters	0	0	0	35,920	0	0	0						35,920
Fire Department	500	1,000	0	500	0	0	0						2,000
Total Identified System Losses (Gallons)	14,500	45,900	13,000	115,980	36,477	14,000	62,695						302,552
Unidentified System Losses (Gallons)	274,986	211,663	156,672	145,939	14,722	7,771	(7,781)						803,971
% Unidentified System Losses (Goal 15%)	17%	18%	17%	21%	1%	0%	0%						9%

*Note: Hydrant metered total added to August Actual Metered

**Kirkwood Meadows Public Utility District
Waste Water Production
2018/2019**

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	2018/2019 Totals
Influent Metered (Gallons)	954,511	621,787	634,920	472,461	611,743	1,916,826	2,116,416						7,328,664
Actual Metered (Gallons)	882,318	548,127	549,937	378,002	517,646	1,581,519	1,817,072						6,274,620
Total System Unmetered (Gallons)	72,193	73,660	84,983	94,459	94,097	335,307	299,344						1,054,044
Identified Unmetered Usage - (Estimated Gallons)													
District Facility Use	12,000	12,000	12,000	12,000	22,477	59,661	57,695						187,833
Hydrant Flushing Into System	1,000	31,900	0	24,000	3,000	1,000	1,000						61,900
Backwards Reads	1,000	1,000	1,000	1,000	1,000	1,000	1,000						7,000
Total Identified Unmetered Usage (Gallons)	14,000	44,900	13,000	37,000	26,477	61,661	59,695						256,733
Unidentified Unmetered Usage (Gallons)	58,193	28,760	71,983	57,459	67,620	273,646	239,649						797,311
% Unidentified Unmetered Usage	6%	5%	11%	12%	11%	14%	11%						11%

**Kirkwood Meadows Public Utility District
General Manager Objectives
FYE 2019**

Operations

1. Limit annual Enterprise Department losses as follows:
 - Electric 12%
 - Propane 2%
 - Water 15%
2. Continue to resolve and repair wastewater collection system issues to reduce inflow and infiltration, with target completion by 2023.
3. Complete the WWTP Feasibility Study.
4. Complete Fremont-Dangburg line replacement project. – Not Budgeted
5. Complete Desk Manuals for all positions.
6. Research options to replace snowmobile with equipment suitable for powder conditions.
7. Plan and execute the KVFD's Kirkwood Summer Festival on July 6th, 2019 as measured by raising at least \$30,000 for a dedicated project that benefits the Kirkwood community.