

# KINNELOA IRRIGATION DISTRICT

Special Meeting – Board of Directors  
1999 Kinclair Drive, Pasadena, CA 91107  
Tuesday, October 24, 2023  
2:00 P.M.

## AGENDA

This meeting will be conducted at the District office in accordance with the Brown Act and AB 2449. Public comment may be made in person or submitted via email to [kinneloa@outlook.com](mailto:kinneloa@outlook.com) prior to the meeting, any information submitted will become part of the official record. The public may participate at the office or via computer or telephone using the following information: <https://us02web.zoom.us/j/85061795151?pwd=QRaWGV5Lzg3dmEvcGx1Ujl6akRHdz09>

Meeting ID: 850 6179 5151

Passcode: 156331

Telephone: 669 900 9128

### 1. CALL TO ORDER – 2:00 P.M.

- a. Declaration of a quorum
- b. Review of agenda

### 2. PUBLIC COMMENT – Comments from the Public regarding items on the Agenda or other items within the jurisdiction of the District

In compliance with the Brown Act, the Board cannot discuss or act on items not on the Agenda. However, Board Members or District Staff may acknowledge Public comments, briefly respond to statements or questions posed by the Public, ask a question for clarification, or request Staff to place item on a future Agenda (Government Code section §54954.2)

### 3. PROPOSED BUDGET AND WATER RATES FOR 2024

*Recommended Action: Review and approve proposed 2024 operating budget. Review and discuss options for 2024 water rates.*

### 4. DIRECTOR REPORTS AND/OR COMMENTS –

In accordance with Government Code §54954.2 Directors may make brief announcements or brief reports on their own activities. Directors may ask a question for clarification, provide a reference to staff or other resources for information, request staff to report back to the Directors at a subsequent meeting, or act to direct staff to place a matter of business on a future agenda.

### 5. CALENDAR – Upcoming regular meetings: November 21, 2023; December 19, 2023; January 16, 2024

### 6. ADJOURNMENT

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In compliance with the Americans with Disabilities Act, if you are a disabled person and need a disability-related modification or accommodation to participate in this meeting, please contact the District office 48 hours prior to the meeting at 626-797-6295. Each item on the agenda, no matter how described, shall be deemed to include any appropriate motion, whether to adopt a minute motion, resolution, payment of any bill, approval of any matter or action, or any other action. Material related to an item on this agenda submitted after distribution of the agenda packet is available for public review at the District office or online at the District's website <https://kinneloairrigationdistrict.info>.

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**Kinneloa Irrigation District 2024 Budget Worksheet (Static Rates)**

Account	Account Description	Adopted 2023 Budget	Draft 2024 Budget v1	10/23/23 Proposed 2024 Budget v2	Variance of 2024 v2 to v1 2023 Budget	Notes
4000	Water Sales	1,600,000	1,813,015	2,126,997	313,982	15% increase across the board from 2023 rates, various options
4015	Wholesale Water Sales	50,000	0	0	0	assume zero sales to Pasadena due to MWD incentives
4020	Service Charges	10,000	0	0	0	should not assume this income, offset by expenses
4025	Asset Sale/Miscellaneous	0	0	0	0	
4035	Interest-Reserve Fund	10,000	39,257	39,257	0	assume 80% of 2023 due to cash draw down
4036	Unrealized Gain(Loss)-Cal TRUST	25,000	0	0	0	not assuming any unrealized investment gain/loss in operating budget
4050	Capacity Charge	0	0	0	0	
4070	Misc. Income	0	0	0	0	
	<b>Total Income</b>	<b>1,695,000</b>	<b>1,852,272</b>	<b>2,166,254</b>	<b>313,982</b>	
5000	Leased Water Rights	63,135	0	0	0	do not pursue additional lease rights for Water Year 23-24
5005	Electricity	170,000	190,859	190,859	0	10% increase from 2023 due to increased pumping and inflation
5010	Maintenance Supplies	40,000	25,000	25,000	0	
5011	Material and Labor for Install	40,000	0	0	0	offset by revenue in 4020 above
5012	Safety Equipment	2,000	2,000	2,000	0	
5015	Operations & Maintenance Labor	331,760	332,500	275,000	-57,500	assume 3% wage increase across the board, reduce headcount
5016	Non-Emergency Operations OT	20,000	27,500	21,000	-6,500	assume 3% wage increase across the board
5020	Stand-by Compensation	10,980	10,980	10,980	0	
5022	Training/Certification	1,600	1,600	1,600	0	
5025	Water Treatment/Analysis	30,000	12,000	12,000	0	
5026	Water Treatment/Materials	0	10,000	10,000	0	new line item broken out from 5025
5030	Maintenance Contractors - Scheduled	140,000	128,000	128,000	0	Claval+Tanks+GenPump+PumpCheck+Reservoir Dive/Clean+DSElectric
5031	SCADA System O&M	0	15,000	15,000	0	
5033	Repair Contractors - Unscheduled	0	33,000	0	-33,000	EXCLUDE - take from Reserves if Emergency Repairs are Required
5034	Equipment Maintenance	25,000	10,000	7,500	-2,500	Generators + Small Tools
5035	Vehicle Maintenance	16,000	10,000	12,500	2,500	defer new Truck #3 replacement to 2025
5036	Fuel - All Equipment	22,000	20,000	20,000	0	assume prices stabilized in 2023 and less employee truck idling
5040	Equipment Rental	500	500	500	0	
5045	Insurance-Workers Comp.	20,000	18,500	16,000	-2,500	W/C rates are projected flat for the next 3 years, no anticipated changes
5046	Insurance-Liability	17,000	32,065	32,065	0	JPIA projects 15-20% annual increases for next few years
5048	Insurance-Property	2,500	4,746	4,746	0	JPIA projects 15-20% annual increases for next few years
5049	Insurance-Medical	92,935	92,073	75,000	-17,073	based on actual published 2024 rates, reduced field staffing
6000	Engineering Services	47,500	150,000	115,000	-35,000	Valve Exercise (\$20k) + Mapping/Modeling (\$20k) + Prelim Design various projects (\$75k)
6005	Raymond Basin Watermaster Fees	17,000	46,795	46,795	0	increase of assessment for next 3 years for Cyclic Cost Offset Program
6015	Administrative Salary	174,000	179,220	179,220	0	assume 3% wage increase across the board
6017	Administrative Travel	3,000	1,800	1,800	0	
6020	BofD Compensation	8,400	9,000	9,000	0	
6021	Administrative & Board Expense	1,000	2,000	2,000	0	
6022	Board of Directors Election	12,500	0	0	0	
6024	Customer/Public Information	15,000	17,000	17,000	0	CV Strategies (\$12.5k) + Streamline + Two Special Mailings
6025	PERS - KID	52,800	52,900	47,000	-5,900	based on reduced staffing and proposed pay rates
6030	Social Security - KID	39,600	42,920	39,000	-3,920	based on reduced staffing and proposed pay rates
6031	Medicare - KID	9,350	10,315	9,500	-815	based on reduced staffing and proposed pay rates
6035	Office/Computer Supplies	7,000	7,000	7,000	0	
6036	Postage/Delivery	5,000	5,000	5,000	0	
6040	Professional Dues	16,000	18,375	19,910	1,535	ACWA(\$10,635)+CUEA(\$500)+CSDA(\$0)+AWWA(\$500)+CRWA(\$775)+PWAG(\$7,500)
6045	Legal Services	15,000	12,000	6,000	-6,000	
6050	Telephone	4,500	4,000	4,000	0	
6051	Mobile Communications	2,000	2,000	2,000	0	
6052	Pagers	500	500	500	0	
6053	Internet Service	1,600	1,500	1,500	0	
6059	Computer/Software Maintenance	24,000	7,550	4,550	-3,000	HighRoad IT support+Firewall subscription
6059	Computer/Software Services	0	9,444	9,444	0	Google+Asana+Zoom+DocuSign+Subeca+Ampstun+Sage
6061	Office Equipment Maintenance	1,000	2,500	2,500	0	
6065	Accounting Services	7,000	7,700	7,700	0	
6070	Office & Accounting Labor	144,100	172,500	172,500	0	with pay adjustments+COLA
6075	Professional Services	95,000	15,000	65,000	50,000	Payroll Processing, DigAlert + Rate Study for years 2025-2029
6076	Contract Services	0	20,900	22,260	1,360	Trash+Janitorial+Brushing/Trees+Vosburg Toilet
6080	FMWD Admin Fees	12,440	13,193	13,193	0	
6081	Permits/Fees	15,000	15,000	15,000	0	DDW, AQMD, LAFCO
6086	Taxes - Sales/Use	500	500	500	0	
6090	Customer Project Expenses	0	0	0	0	
6120	Bank Service Charges	12,000	12,000	12,000	0	
	<b>Total Operating Expenses</b>	<b>1,788,200</b>	<b>1,814,935</b>	<b>1,696,622</b>	<b>-118,313</b>	
	<b>NET OPERATING INCOME</b>	<b>-93,200</b>	<b>37,338</b>	<b>469,632</b>	<b>432,295</b>	
	<b>Other Expenditures</b>	<b>Adopted 2023 Budget</b>	<b>Draft 2024 Budget v1</b>	<b>10/23/23 Proposed 2024 Budget v2</b>	<b>Variance of Proposed 2023 Budget to 2022 Budget</b>	
1504	Water Mains/Valves	0	150,000	125,000	-25,000	K3/Wilcox Auto Valve (\$125k) + Holly Booster Bypass (DEFERRED to MASTER PLAN)
1505	Water Tunnels	10,000	10,000	10,000	0	various repairs/upgrades
1511	Water Treatment Plant	10,000	25,000	0	-25,000	DEFER upgrade of K3 CL2 generator controls to Master Plan project
1512	Water Meters	20,000	20,000	20,000	0	replace Hastings Heights Tract (13) + 50% Dove Creek + Hi/Lo Production Meter
1513	Electrical/Electronic Equipment	5,000	25,000	25,000	0	Arc Flash Hazard Analysis (applying for \$10k JPIA Risk Control Grant not assumed here)
1514	Computer/Office Equipment	5,000	5,000	2,500	-2,500	
1515	Vehicles/Portable Equipment	45,000	0	0	0	DEFER new generators to Master Plan project
1516	Water Company Facilities	35,000	50,000	20,000	-30,000	DEFER Vosburg Facelift to 2025 - allowance for small/light repairs only
1522	Booster Station Upgrades	45,000	0	0	0	
1527	SCADA Equipment	10,000	10,000	10,000	0	allow for radio/hardware replacements
1530	Tools	3,000	3,000	3,000	0	
	<b>Total Capital Expenses</b>	<b>188,000</b>	<b>298,000</b>	<b>215,500</b>	<b>-82,500</b>	
	<b>NET WATER REVENUES</b>	<b>-281,200</b>	<b>-260,662</b>	<b>254,132</b>		<b>Loan Documents Require at least \$250k Net Water Revenues</b>
2400	Installment Purchase Agreement (P&I)	200,202	200,202	200,202		per amortization schedule
	<b>NET CASH FLOW</b>	<b>-481,402</b>	<b>-460,864</b>	<b>53,930</b>	<b>514,795</b>	<b>variance from breakeven</b>

\$ (510,662)   
 \$ 4,132   
 0.19% shortfall to meet loan covenants with positive cash flow



10/23/23			2023	ALTA	ALTB
			CURRENT	FLAT INCREASE	STATIC DSC
				BREAKEVEN	
	# Accounts	Meter Size	588	588	588
	38	2"	\$ 75.43	\$ 88.26	\$ 75.43
	127	1-1/2"	\$ 75.43	\$ 88.26	\$ 75.43
	277	1"	\$ 75.43	\$ 88.26	\$ 75.43
	146	3/4" and 5/8"	\$ 75.43	\$ 88.26	\$ 75.43
		<b>% Increase</b>		<b>17.0%</b>	<b>0.0%</b>
	Tier 1	per CCF	\$ 4.98	\$ 5.83	\$ 6.20
		<b>% Increase</b>	<b>0%</b>	<b>17.0%</b>	<b>24.5%</b>
Base Scenario	Revenue from Consumption		\$ 1,283,674.68	\$ 1,501,899.38	\$ 1,598,149.20
	Revenue from Daily Service Charge		\$ 532,257.60	\$ 622,741.39	\$ 532,257.60
	Projected Revenue		\$ 1,815,932.28	\$ 2,124,640.77	\$ 2,130,406.80
	Target Revenue		\$ 2,127,000.00	\$ 2,127,000.00	\$ 2,127,000.00
	(Shortfall)		\$ (311,067.72)	\$ (2,359.23)	\$ 3,406.80
<b>SENSITIVITY ANALYSIS</b>					
90% Projected Sales	Revenue from Consumption		\$ 1,155,307.21	\$ 1,351,709.44	\$ 1,438,334.28
	Revenue from Daily Service Charge		\$ 532,257.60	\$ 622,741.39	\$ 532,257.60
	Projected Revenue		\$ 1,687,564.81	\$ 1,974,450.83	\$ 1,970,591.88
	Target Revenue		\$ 2,286,526.00	\$ 2,127,000.00	\$ 2,127,000.00
	(Shortfall)		\$ (598,961.19)	\$ (152,549.17)	\$ (156,408.12)
78% Projected Sales <i>similar to 2023</i>	Revenue from Consumption		\$ 1,001,266.25	\$ 1,171,481.51	\$ 1,246,556.38
	Revenue from Daily Service Charge		\$ 532,257.60	\$ 622,741.39	\$ 532,257.60
	Projected Revenue		\$ 1,533,523.85	\$ 1,794,222.90	\$ 1,778,813.98
	Target Revenue		\$ 2,286,526.00	\$ 2,127,000.00	\$ 2,127,000.00
	(Shortfall)		\$ (753,002.15)	\$ (332,777.10)	\$ (348,186.02)
110% Projected Sales	Revenue from Consumption		\$ 1,412,042.15	\$ 1,652,089.31	\$ 1,757,964.12
	Revenue from Daily Service Charge		\$ 532,257.60	\$ 622,741.39	\$ 532,257.60
	Projected Revenue		\$ 1,944,299.75	\$ 2,274,830.71	\$ 2,290,221.72
	Target Revenue		\$ 2,286,526.00	\$ 2,127,000.00	\$ 2,127,000.00
	(Shortfall)		\$ (342,226.25)	\$ 147,830.71	\$ 163,221.72

KINNELOA IRRIGATION DISTRICT				PUBLIC WATER AGENCIES										MUTUALS													
				PWP		% of	% of	CVWD		% of	% of	La Canada		% of	% of	Lincoln Ave		% of	% of	Rubio		% of	% of	Las Flores		% of	% of
				eff 1/1/23	2024-A	2024-B	eff 1/1/23	KID	KID	eff 7/1/23	KID	KID	eff 1/1/24	KID	KID	eff 3/1/23	KID	KID	eff 3/1/23	KID	KID	eff 1/1/23	KID	KID			
				588	588	588	38,364	A	B	8,282	A	B	2,949	A	B	4,477	A	B	3,128	A	B	1,479	A	B			
Median Income				\$ 226,950			\$ 123,269			\$ 111,290			\$ 178,481			\$ 130,416			\$ 140,757			\$ 137,509					
2"		\$ 75.43	\$ 86.75	\$ 75.43	\$ 238.20			\$ 226.38			\$ 232.74			\$ 34.25			\$ 59.50			\$ 31.84							
1-1/2"		\$ 75.43	\$ 86.75	\$ 75.43	\$ 104.39			\$ 145.08			\$ 156.41			\$ 34.25			\$ 49.00			\$ 31.84							
1"		\$ 75.43	\$ 86.75	\$ 75.43	\$ 50.25			\$ 77.33			\$ 92.80			\$ 34.25			\$ 42.00			\$ 31.84							
3/4" & 5"		\$ 75.43	\$ 86.75	\$ 75.43	\$ 26.46			\$ 50.23			\$ 54.63			\$ 34.25			\$ 29.75			\$ 31.84							
		% Var	15.0%	0.0%				incl Prop Tax			incl Prop Tax																
Tier 1	per CCF	\$ 4.98	\$ 5.73	\$ 6.20	\$ 3.12			\$ 4.46			\$ 4.63			\$ 3.66			\$ 3.50			\$ 4.84							
		% Var	15.0%	24.5%	up to 8 units			up to 7 units			up to 7 units			up to 7 units			1-12 units			1-9 units							
Tier 2					\$ 5.25			\$ 8.30			\$ 5.96			\$ 4.33			\$ 4.30			\$ 5.24							
					9-24 units			7-17 units			7-30 units			8-20 units			13-26 units			10-20 units							
Tier 4					\$ 5.95			\$ 11.69			\$ 6.98			\$ 4.83			\$ 4.85			\$ 5.90							
					25-34 units			over 17 units			over 30 units			21-40 units			over 26 units			20-39 units							
Tier 4					\$ 6.95									\$ 5.38						\$ 7.18							
					over 34 units									over 40 units						over 39 units							
Size	Customer Profile	#Users	CCF/Mo																								
3/4"	Dove Creek and Pas Glen	121	5	\$ 100.33	\$ 115.38	\$ 106.43	\$ 42.04	36%	39%	\$ 72.52	63%	68%	\$ 77.78	67%	73%	\$ 52.55	46%	49%	\$ 47.25	41%	44%	\$ 56.04	49%	53%			
1"	1/2 acre lots, medium SFR's	125	10	\$ 125.23	\$ 144.02	\$ 137.43	\$ 85.67	59%	62%	\$ 133.42	93%	97%	\$ 104.92	73%	76%	\$ 72.86	51%	53%	\$ 77.00	53%	56%	\$ 80.64	56%	59%			
1"	1/2 acre lots, medium SFR's	125	20	\$ 175.03	\$ 201.29	\$ 199.43	\$ 138.15	69%	69%	\$ 226.56	113%	114%	\$ 202.69	101%	102%	\$ 116.16	58%	58%	\$ 118.40	59%	59%	\$ 133.04	66%	67%			
1-1/2"	1/2 acre lots, larger SFR's	190	35	\$ 249.73	\$ 287.19	\$ 292.43	\$ 279.71	97%	96%	\$ 469.68	164%	161%	\$ 360.80	126%	123%	\$ 188.61	66%	64%	\$ 151.20	53%	52%	\$ 240.74	84%	82%			
2"	Large Landscape Users	20	150	\$ 822.43	\$ 945.80	\$ 1,005.43	\$ 1,212.66	128%	121%	\$ 1,895.47	200%	189%	\$ 1,239.83	131%	123%	\$ 804.56	85%	80%	\$ 763.10	81%	76%	\$ 1,042.12	110%	104%			
2"	Commercial Accounts	4	245	\$ 1,295.53	\$ 1,489.86	\$ 1,594.43	\$ 1,872.81	126%	117%	\$ 2,491.68	167%	156%	\$ 1,902.93	128%	119%	\$ 1,315.66	88%	83%	\$ 1,223.85	82%	77%	\$ 1,724.22	116%	108%			
2"	Large Estate Residential	3	375	\$ 1,942.93	\$ 2,234.37	\$ 2,400.43	\$ 2,776.19	124%	116%	\$ 4,526.00	203%	189%	\$ 2,810.33	126%	117%	\$ 2,015.06	90%	84%	\$ 1,854.35	83%	77%	\$ 2,657.62	119%	111%			

**Rate History 1976 to 2024**

Effective Date	Daily Service Charge (DSC)	DSC Average per Month	Increase in Daily Service Charge	Usage Charge	Increase in Usage Charge	Average Monthly Charge for Low Usage Customer (10 Units)	Average Monthly Charge for Medium Usage Customer (50 Units)	Average Monthly Charge for High Usage Customer (100 Units)
4/1/76	\$ 0.18	\$ 5.50		\$0.20				
4/1/77	\$ 0.21	\$ 6.50	18.2%	\$0.27	35.0%	\$9.20	\$20.00	\$33.50
1/1/78	\$ 0.21	\$ 6.50	0.0%	\$0.27	0.0%	\$9.20	\$20.00	\$33.50
1/1/79	\$ 0.21	\$ 6.50	0.0%	\$0.27	0.0%	\$9.20	\$20.00	\$33.50
1/1/80	\$ 0.21	\$ 6.50	0.0%	\$0.27	0.0%	\$9.20	\$20.00	\$33.50
1/1/81	\$ 0.21	\$ 6.50	0.0%	\$0.27	0.0%	\$9.20	\$20.00	\$33.50
1/1/82	\$ 0.21	\$ 6.50	0.0%	\$0.27	0.0%	\$9.20	\$20.00	\$33.50
1/1/83	\$ 0.21	\$ 6.50	0.0%	\$0.27	0.0%	\$9.20	\$20.00	\$33.50
1/1/84	\$ 0.21	\$ 6.50	0.0%	\$0.27	0.0%	\$9.20	\$20.00	\$33.50
1/1/85	\$ 0.21	\$ 6.50	0.0%	\$0.27	0.0%	\$9.20	\$20.00	\$33.50
1/1/86	\$ 0.21	\$ 6.50	0.0%	\$0.27	0.0%	\$9.20	\$20.00	\$33.50
1/1/87	\$ 0.21	\$ 6.50	0.0%	\$0.27	0.0%	\$9.20	\$20.00	\$33.50
1/1/88	\$ 0.21	\$ 6.50	0.0%	\$0.27	0.0%	\$9.20	\$20.00	\$33.50
1/1/89	\$ 0.66	\$ 20.00	207.7%	\$0.85	214.8%	\$28.50	\$62.50	\$105.00
1/1/90	\$ 0.66	\$ 20.00	0.0%	\$0.85	0.0%	\$28.50	\$62.50	\$105.00
1/1/91	\$ 0.66	\$ 20.00	0.0%	\$1.10	29.4%	\$31.00	\$75.00	\$130.00
1/1/92	\$ 0.66	\$ 20.00	0.0%	\$1.10	0.0%	\$31.00	\$75.00	\$130.00
5/5/93	\$ 0.66	\$ 20.00	0.0%	\$1.60	45.5%	\$36.00	\$100.00	\$180.00
1/1/94	\$ 0.66	\$ 20.00	0.0%	\$1.60	0.0%	\$36.00	\$100.00	\$180.00
1/1/95	\$ 0.66	\$ 20.00	0.0%	\$1.60	0.0%	\$36.00	\$100.00	\$180.00
1/1/96	\$ 0.66	\$ 20.00	0.0%	\$1.60	0.0%	\$36.00	\$100.00	\$180.00
1/1/97	\$ 0.66	\$ 20.00	0.0%	\$1.60	0.0%	\$36.00	\$100.00	\$180.00
1/1/98	\$ 0.66	\$ 20.00	0.0%	\$1.60	0.0%	\$36.00	\$100.00	\$180.00
1/1/99	\$ 0.66	\$ 20.00	0.0%	\$1.60	0.0%	\$36.00	\$100.00	\$180.00
1/1/00	\$ 0.66	\$ 20.00	0.0%	\$1.60	0.0%	\$36.00	\$100.00	\$180.00
4/5/01	\$ 0.99	\$ 30.00	50.0%	\$1.90	18.8%	\$49.00	\$125.00	\$220.00
1/1/02	\$ 0.99	\$ 30.00	0.0%	\$1.90	0.0%	\$49.00	\$125.00	\$220.00
1/6/03	\$ 0.99	\$ 30.00	0.0%	\$1.95	2.6%	\$49.50	\$127.50	\$225.00
1/1/04	\$ 0.99	\$ 30.00	0.0%	\$1.95	0.0%	\$49.50	\$127.50	\$225.00
1/1/05	\$ 0.99	\$ 30.00	0.0%	\$2.05	5.1%	\$50.50	\$132.50	\$235.00
1/1/06	\$ 1.12	\$ 34.00	13.3%	\$2.30	12.2%	\$57.00	\$149.00	\$264.00
1/1/07	\$ 1.18	\$ 36.00	5.9%	\$2.42	5.2%	\$60.20	\$157.00	\$278.00
1/1/08	\$ 1.18	\$ 36.00	0.0%	\$2.42	0.0%	\$60.20	\$157.00	\$278.00
1/1/09	\$ 1.35	\$ 41.00	13.9%	\$2.55	5.4%	\$66.50	\$168.50	\$296.00
1/1/10	\$ 1.61	\$ 49.00	19.5%	\$2.75	7.8%	\$76.50	\$186.50	\$324.00
1/1/11	\$ 1.61	\$ 49.00	0.0%	\$2.95	7.3%	\$78.50	\$196.50	\$344.00
1/1/12	\$ 1.61	\$ 49.00	0.0%	\$2.95	0.0%	\$78.50	\$196.50	\$344.00
1/1/13	\$ 1.68	\$ 51.10	4.3%	\$3.35	13.6%	\$84.60	\$218.60	\$386.10
1/1/14	\$ 1.68	\$ 51.10	0.0%	\$3.35	0.0%	\$84.60	\$218.60	\$386.10
1/1/15	\$ 1.76	\$ 53.53	4.8%	\$3.52	5.1%	\$88.73	\$229.53	\$405.53
1/1/16	\$ 2.02	\$ 61.44	14.8%	\$4.05	15.1%	\$101.94	\$263.94	\$466.44
1/1/17	\$ 2.08	\$ 63.27	3.0%	\$4.17	3.0%	\$104.97	\$271.77	\$480.27
1/1/18	\$ 2.14	\$ 65.09	2.9%	\$4.30	3.1%	\$108.09	\$280.09	\$495.09
1/1/19	\$ 2.20	\$ 66.92	2.8%	\$4.43	3.0%	\$111.22	\$288.42	\$509.92
1/1/20	\$ 2.27	\$ 69.05	3.2%	\$4.56	2.9%	\$114.65	\$297.05	\$525.05
1/1/21	\$ 2.34	\$ 71.18	3.1%	\$4.70	3.1%	\$118.18	\$306.18	\$541.18
1/1/22	\$ 2.34	\$ 71.18	0.0%	\$4.70	0.0%	\$118.18	\$306.18	\$541.18
1/1/23	\$ 2.48	\$ 75.43	6.0%	\$4.98	6.0%	\$125.23	\$324.43	\$573.43
1/4/24	\$ 2.48	\$ 75.43	0.0%	\$6.20	24.5%	\$137.43	\$385.43	\$695.43
<b>Annualized Increase :</b>			<b>5.49%</b>		<b>7.49%</b>	<b>5.67%</b>	<b>6.22%</b>	<b>6.39%</b>

Units of Metered Sales - Kinneloa Customers (billing units - 100 cf or 1 ccf)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
		Low				High																				
Jan	10,147	16,705	18,312	17,248	18,307	23,076	21,681	10,121	28,708	21,907	11,866	19,182	11,229	14,042	22,497	13,434	27,346	15,139	9,976	6,087	16,210	14,799	13,257	18,538	10,382	7,255
Feb	9,973	13,984	10,889	8,067	18,908	14,658	13,045	10,322	18,494	16,111	13,769	10,932	8,225	11,905	17,026	13,648	19,531	16,427	13,087	6,261	18,825	7,815	16,297	13,559	17,698	11,987
Mar	7,681	17,759	19,027	15,044	19,315	16,422	19,655	12,135	13,780	22,668	18,397	17,672	15,312	13,943	19,007	22,865	14,993	20,018	12,329	13,608	13,905	10,429	14,285	19,892	22,752	6,065
Apr	12,628	15,177	21,146	18,207	22,555	18,708	29,501	21,928	13,016	23,925	27,753	11,903	19,336	17,222	15,368	25,580	28,145	21,618	17,692	19,985	18,676	18,528	10,780	21,303	17,173	12,540
May	17,526	21,569	28,010	26,026	33,533	28,943	32,795	28,058	25,581	31,480	28,126	30,366	23,746	25,152	23,284	22,344	29,732	16,540	16,451	22,399	20,066	15,942	21,174	20,512	22,826	17,033
June	28,197	30,588	40,847	37,638	30,789	21,869	29,157	26,929	33,231	33,564	23,477	24,616	29,429	25,184	27,519	29,606	29,878	24,248	22,444	29,548	25,095	22,404	29,448	32,120	21,719	14,580
July	33,615	38,685	26,792	34,254	38,031	34,252	45,139	44,392	40,549	47,043	42,449	38,756	33,894	37,223	34,947	38,314	36,367	21,045	28,939	27,507	29,171	25,606	27,820	26,919	29,165	23,241
Aug	46,500	33,924	44,888	38,167	46,139	48,157	36,589	38,231	42,913	38,686	40,630	32,929	35,305	32,769	44,482	33,199	31,023	24,001	27,685	29,323	31,398	26,596	28,452	36,196	27,653	27,072
Sept	27,941	43,104	42,600	40,665	34,793	34,499	44,312	40,979	37,501	41,697	36,844	38,514	35,578	36,754	32,045	38,064	31,754	24,753	33,176	31,193	33,154	34,990	36,520	27,850	36,209	21,037
Oct	26,366	31,957	23,010	30,461	30,210	36,658	20,695	32,058	29,319	32,338	32,054	29,994	15,389	23,847	28,011	28,680	32,085	18,598	24,632	27,027	23,936	25,178	27,532	25,677	21,043	21,000
Nov	22,204	27,344	27,814	19,322	25,584	20,227	18,375	26,933	34,346	27,695	30,089	24,645	17,427	14,586	25,206	28,224	20,372	20,412	22,153	19,044	23,303	23,562	22,972	19,053	15,290	20,000
Dec	17,811	27,797	22,341	15,693	14,207	16,935	18,033	26,897	21,328	17,656	17,187	17,654	12,325	15,368	11,175	14,696	14,383	18,124	13,392	26,845	13,969	10,982	25,084	19,708	15,858	20,000
	260,589	318,593	325,676	300,792	332,371	314,404	328,977	318,983	338,766	354,770	322,641	297,163	257,195	267,995	300,567	308,653	315,608	240,923	241,958	258,827	267,708	236,832	273,621	281,326	257,766	201,809
Acre Feet	598.2	731.4	747.6	690.5	763.0	721.8	755.2	732.3	777.7	814.4	740.7	682.2	590.4	615.2	690.0	708.6	724.5	553.1	555.5	594.2	614.6	543.7	628.1	645.8	591.7	463.3
MMDD (GPD) - using min month	191,513	348,668	271,499	201,137	354,228	365,473	325,255	252,350	314,063	401,701	295,859	272,571	205,077	296,831	278,630	334,954	373,817	377,466	248,736	151,780	346,702	194,849	260,112	338,062	258,855	151,217
ADD (GPD)	534,029	652,897	667,413	616,418	681,133	644,313	674,178	653,697	694,238	727,036	661,193	608,981	527,074	549,206	615,956	632,527	646,781	493,727	495,847	530,418	548,618	485,344	560,736	576,526	528,244	413,570
MDD (GPD) - using max month	1,159,400	1,074,726	1,083,104	1,013,914	1,113,289	1,161,982	1,089,160	1,071,136	1,035,449	1,135,102	1,024,253	935,145	887,078	898,155	1,073,308	949,072	877,491	617,175	827,187	777,735	826,637	872,423	910,571	873,371	902,812	653,211
Ratio of MDD to ADD	2.17	1.65	1.62	1.64	1.63	1.80	1.62	1.64	1.49	1.56	1.55	1.54	1.68	1.64	1.74	1.50	1.36	1.25	1.67	1.47	1.51	1.80	1.62	1.51	1.71	1.58
MDD (GPD) - using 2x ADD	1,068,058	1,305,795	1,334,825	1,232,835	1,362,266	1,288,626	1,348,355	1,307,393	1,388,477	1,454,071	1,322,386	1,217,961	1,054,147	1,098,412	1,231,913	1,265,055	1,293,562	987,454	991,695	1,060,837	1,097,236	970,687	1,121,473	1,153,052	1,056,488	827,140
Raymond Basin Base Rights	157,339	includes 30% reduction of adjudicated rights																								
Min Assumed Spreading Credits	87,120	includes 30% reduction of adjudicated rights																								
SUBTOTAL	244,459																									