
November 10, 2022

**ADVICE 133-W
(U 338-W)**

**PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA
WATER DIVISION**

SUBJECT: Catalina Water Revenue Adjustment Mechanism and Modified Cost Balancing Account Status and Amortization Request, and 2023 Catalina Water Sales Forecast Update and Rate Decrease for Service Provided to Santa Catalina Island Water Customers

Southern California Edison Company (SCE) hereby submits to the California Public Utilities Commission (Commission or CPUC) the following updates to its tariffs. The revised tariffs are listed on Attachment A and are attached hereto.

PURPOSE

In compliance with Resolution W-5192,¹ SCE provides an update on the Water Revenue Adjustment Mechanism (WRAM) and Modified Cost Balancing Account (MCBA) balance and requests amortization of the net WRAM/MCBA balance to be returned to Santa Catalina Island (Catalina) water customers.

Also, SCE respectfully submits this advice letter requesting the Commission approves SCE's Consumption Adjustment Mechanism (CAM) annual update to the currently authorized sales forecast and proposed rate adjustment (decrease) for water service to Catalina. Various tariffs are modified as a result of this sales forecast update as further explained below.

The proposed water rates are designed to recover the authorized revenue requirement of \$4.13 million pursuant to Decision (D.)14-10-048² (the Decision) for the upcoming year. SCE submitted a Test Year 2022 General Rate Case (2022 GRC) on October 30, 2020 seeking to update the revenue requirement and transition to a Monterey-Style WRAM (M-WRAM) and Incremental Cost Balancing Account (ICBA). The 2022 GRC is

¹ Resolution W-5192, Ordering Paragraph 1.

² D.14-10-048, Appendix A.

currently pending; as such, SCE is submitting this advice letter under the existing authorized processes and amounts.

BACKGROUND

On May 24, 2019, the Commission issued Resolution W-5192 authorizing SCE to implement a pilot program to decouple water sales from the revenue requirement for the Catalina water utility (Pilot Program).³ The Pilot Program consists of two main components: 1) a Water Revenue Adjustment Mechanism with Modified Cost Balancing Account to true-up recorded sales revenue to authorized sales revenue and adjust for changes in variable production expense; and 2) a Consumption Adjustment Mechanism to update the sales forecast and adjust rates annually.

The Pilot Program process requires SCE to submit a report showing the status of the WRAM/MCBA via a Tier 1 advice letter by March 31 of each year showing the actual recorded consumption by classification and by tier and the accumulated WRAM/MCBA balance as of December 31 of the prior year. If the net WRAM/MCBA balance shows a net over- or under-collection exceeding two percent of the authorized revenue requirement, SCE will submit a Tier 1 advice letter requesting amortization of the balance. The net WRAM/MCBA balance will be amortized as outlined in Appendix A of D.12-04-048 and shown in Table-1 below.

Table-1
WRAM/MCBA Amortization Periods
D.12-04-048, Appendix A

Line #	Net WRAM/MCBA Over/Under-Collection	Amortization Period (Months)	Surcharge Cap
1	2% - 5%	12	The annual net WRAM/MCBA surcharge amount will be capped at 10% of the last authorized revenue requirement.
2	5% - 15%	18	
3	15% - 30%	19-36	
4	Over 30%	36	

On March 30, 2020, SCE submitted Advice 117-W providing an update on the status of the WRAM/MCBA as of December 31, 2019 and requesting amortization of the net WRAM/MCBA balance to be collected from Catalina water customers. Also included in Advice 117-W was a request to consolidate the annual WRAM/MCBA and CAM advice letter submittals. Aligning the annual Pilot Program submittals reduces the number of annual rate adjustments, mitigating customer confusion and frustration as to the purpose of the change while also minimizing the administrative impacts for both SCE and the Commission's Water Division. On May 15, 2020, the Commission approved Advice 117-W.

³ The effective date of Resolution W-5192 is May 16, 2019.

On November 2, 2020, SCE submitted Advice 122-W providing an update on the WRAM/MCBA as of September 30, 2020. Additionally, Advice 122-W updated the adopted sales forecast for the period of October 1, 2020 through September 30, 2021.

On November 2, 2021, SCE submitted a written request to the Executive Director under Rule 8.3 of General Order 96-B for an extension to file the annual WRAM/MCBA status and CAM sales forecast update advice letter. SCE requested the extension to allow for receipt of funds from the California Water Arrearage Payment Program (CWAPP) as it affects the WRAM/MCBA balance. Additionally, SCE's Customer Service Re-Platform (CSRP) implementation caused a delay in billing to certain customers, which impacted the historical sales for forecasting purposes. On November 8, 2021, the Executive Director granted SCE's request for an extension to March 1, 2022.

On March 1, 2022, SCE submitted Advice 128-W providing an update on the WRAM/MCBA as of December 31, 2021. Included in Advice 128-W were \$71,168 in CWAPP program funds returned to customers, off-setting the December 31, 2021 WRAM/MCBA balance. The resulting final adjusted WRAM/MCBA balance of \$9,219 was only 0.22 percent of SCE's authorized revenue requirement; as such, no WRAM/MCBA amortization was requested in Advice 128-W.

WRAM/MCBA STATUS

Advice 128-W provided an update on the WRAM/MCBA balances for the period of October 1, 2020 through December 31, 2021. The WRAM/MCBA balance included in this report represents the period of October 1, 2021 through September 30, 2022, including the remaining balance from the prior period, adjusted for funds received through the CWAPP. The net WRAM/MCBA balance as of September 30, 2022 is (\$397,906).

The status of the WRAM/MCBA is summarized in Table-2 below.

Table-2
WRAM/MCBA Detail
October 1, 2021 – September 30, 2022
(Nominal\$)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	WRAM			MCBA		
	Adopted WRAM-Eligible Revenue	Recorded WRAM-Eligible Revenue	Total Net WRAM Balance	Adopted Variable Production Expense	Recorded Variable Production Expense	Total Net MCBA Balance
January	\$ 242,478	\$ (255,787)	\$ (13,310)	\$ 18,155	\$ 12,117	\$ (6,038)
February	\$ 226,283	\$ (193,662)	\$ 32,621	\$ 16,943	\$ 11,644	\$ (5,298)
March	\$ 298,969	\$ (202,970)	\$ 95,999	\$ 22,385	\$ 13,146	\$ (9,239)
April	\$ 271,750	\$ (274,497)	\$ (2,747)	\$ 20,347	\$ 12,730	\$ (7,617)
May	\$ 316,601	\$ (233,494)	\$ 83,107	\$ 23,705	\$ 10,644	\$ (13,061)
June	\$ 332,986	\$ (352,346)	\$ (19,360)	\$ 24,932	\$ 166,140	\$ 141,208
July	\$ 359,287	\$ (487,460)	\$ (128,173)	\$ 26,901	\$ 29,367	\$ 2,465
August	\$ 443,508	\$ (798,017)	\$ (354,508)	\$ 33,207	\$ 28,725	\$ (4,482)
September	\$ 476,229	\$ (732,799)	\$ (256,570)	\$ 35,657	\$ 22,536	\$ (13,121)
October			\$ -			\$ -
November			\$ -			\$ -
December			\$ -			\$ -
12 Month Total	\$ 2,968,091	\$ (3,531,032)	\$ (562,941)	\$ 222,232	\$ 307,048	\$ 84,816

Authorized Quantities

Total Net WRAM Balance	\$ (562,941)	Authorized Revenue Requirement	\$ 4,130,150
Total Net MCBA Balance	\$ 84,816	Final Adjusted WRAM Balance	\$ (397,906)
Net WRAM/MCBA Balance	\$ (478,126)	Percent	9.63%
Interest Expense	\$ (167)		
Ending Balance	\$ (478,293)		
Plus Adjusted Beginning Balance	\$ 80,387		
Adjusted Ending Balance	\$ (397,906)		

SURCHARGES AND RATES

Calculation of WRAM/MCBA Surcharge

The ending WRAM/MCBA balance as of September 30, 2022 is (\$0.398) million or approximately 9.6 percent of the current authorized revenue requirement of \$4.13 million. A 9.6 percent net WRAM/MCBA over-collection is amortized over an 18-month period as shown in Table-1. The proposed water sales forecast of 99.66 million gallons (MG) for 2023 is discussed in the Sales Forecast Update section below. The surcredit to return the 2020 net WRAM/MCBA balance (i.e., revenue over-collection) is shown in the following formula:

$$\text{Surcredit} = \frac{\text{Revenue Over-Collection}}{\text{Customers x Months to Recover}}$$

The surcredit is calculated on a fixed dollars per month basis on the monthly service charge. The WRAM/MCBA surcredit calculation for 2023 is shown in the following formula:

$$\text{Surcredit} = \frac{(397,906)}{1,936 \text{ cust. x 18 mos.}} = (11.42) \text{ per customer/month}$$

The reduction in the monthly service charge to reflect the surcredit is embedded in the proposed monthly service charges shown in Table-8 below.

SALES FORECAST UPDATE

Sales History

The proposed sales forecast in this advice letter is based on recorded water sales for the period of October 1, 2021 through September 30, 2022. As shown in Table-3, the recorded sales for the period of October 1, 2021 through September 30, 2022 were 37 percent above forecast amounts.

**Table-3
Catalina Water Sales Forecast
Actual and Forecast Comparison
October 2021 – September 2022
(Gallons)**

Line No.	Month [A]	Forecast Sales [B]	Actual Sales [C]	Difference [D] = [C] - [B]	Difference (%) [E] = [D] ÷ [B]
1	October	4,981,339	6,619,810	1,638,471	33%
2	November	4,648,641	10,298,390	5,649,749	122%
3	December	6,141,876	9,152,948	3,011,072	49%
4	January	5,582,696	10,200,900	4,618,204	83%
5	February	6,504,088	6,570,200	66,112	1%
6	March	6,840,690	8,257,111	1,416,421	21%
7	April	7,381,011	6,684,530	(696,481)	-9%
8	May	9,111,209	8,171,800	(939,409)	-10%
9	June	9,783,405	9,738,652	(44,753)	0%
10	July	9,355,624	9,330,600	(25,024)	0%
11	August	6,282,095	14,714,768	8,432,673	134%
12	September	6,623,889	13,891,200	7,267,311	110%
	Total	83,236,564	113,630,909	30,394,345	37%

The difference between forecast and actual sales is mostly due to increased usage due to increased economic activity on Catalina following the relaxing of COVID-19 restrictions. A comparison of forecast and actual water sales by customer class is shown in Table-4 below.

Table-4
Catalina Water Sales Forecast Comparison by Customer Class
October 2021 – September 2022
(Gallons)

Line No.	Customer Class [A]	2022 Adopted Sales Forecast [B]	2022 Actual Sales [C]	Difference [D] = [C] - [B]	Difference (%) [E] = [D] ÷ [B]
1	Res	18,089,314	24,519,609	6,430,295	36%
2	Res-Dual	1,889,073	3,076,300	1,187,227	63%
3	Res-CARE	3,734,224	4,996,400	1,262,176	34%
4	Res-CARE-Dual	28,207	101,700	73,493	261%
5	Res-DE	1,146,477	1,315,010	168,533	15%
6	Res-DE-Dual	17,619	1,600	(16,019)	-91%
7	Res-MM	6,182,623	5,932,600	(250,023)	-4%
8	Res-MM-Dual	0	0	0	N/A
9	Com	49,860,879	67,044,390	17,183,511	34%
10	Com-CARE	0	0	0	N/A
11	IRRI	2,288,147	6,643,300	4,355,153	190%
12	FIRE	0	0	0	N/A
13	Total	83,236,564	113,630,909	30,394,345	37%

2023 Water Sales Forecast

The 2023 Catalina water sales forecast of 99.7 MG represents a 16.4 MG (19.7 percent) increase from the current adopted sales forecast of 83.2 MG. The 2023 Catalina Water sales forecast is shown in Table-5.

Table-5
Catalina Water Sales Forecast
October 2022 – September 2022
(Gallons)

Line No.	Month [A]	2022 Adopted Sales Forecast [B]	2023 Proposed Sales Forecast [C]	Change [D] = [C] - [B]	Change (%) [E] = [D] ÷ [B]
1	October	4,981,339	5,964,203	982,864	19.73%
2	November	4,648,641	5,565,861	917,220	19.73%
3	December	6,141,876	7,353,725	1,211,849	19.73%
4	January	5,582,696	6,684,214	1,101,517	19.73%
5	February	6,504,088	7,787,404	1,283,316	19.73%
6	March	6,840,690	8,190,421	1,349,731	19.73%
7	April	7,381,011	8,837,352	1,456,341	19.73%
8	May	9,111,209	10,908,934	1,797,725	19.73%
9	June	9,783,405	11,713,760	1,930,356	19.73%
10	July	9,355,624	11,201,574	1,845,950	19.73%
11	August	6,282,095	7,521,610	1,239,515	19.73%
12	September	6,623,889	7,930,843	1,306,954	19.73%
13	Total	83,236,564	99,659,901	16,423,338	19.73%

A discussion of the sales forecast methodology is provided below.

Customer and Sales Forecast

SCE projects a customer count of 1,521 residential service connections, 351 commercial service connections, 63 irrigation service connections, and 106 dedicated fire protection service connections. The forecast customer count by rate schedule is provided in Table-6 below.

Table-6
Water Customer Counts by Rate Schedule⁴
2022

Service Plan	Forecast 2023
W-1-GS	351
W-1-R	1,191
W-1-R-CARE	166
W-1-RDS	60
W-1-RDS-CARE	2
W-1-RDS-10	1
W-1-RM	57
W-10	45
W-3	63
W-4	106
Total	2,042
Total Excl. Fire Protection	1,936

SCE utilized the methodology as described in Standard Practice U-25-W to estimate the 2022 customer counts. The average rate of change was calculated for the years of 2018-2022.

This section presents SCE’s forecast of Catalina water sales for 2023 and the methodology used to generate the forecast. SCE’s current water sales forecast of 83.237 million gallons was adopted in Advice 128-W. SCE’s forecast water sales for 2023 is 95.960 million gallons. The 2023 forecasted sales are 16.426 million gallons or approximately 19.7 percent more than the current adopted sales forecast. In prior years, SCE used a disaggregated forecast approach, multiplying the number of forecasted residential and non-residential customers by the prior year’s recorded per capita (customer) usage rates. Despite the significantly higher recorded water sales in from October 2021 through September 2022, the forecast water sales using this methodology resulted in a forecasted reduction in water use.⁵ Given the improbable forecast using the disaggregated per capita method, SCE used a combination of statistical approaches to generate a more realistic forecast.

To calculate the water sales forecast for October 2022 through September 2023, SCE applied both linear regression and five-period moving averages. First, a simple linear

⁴ Dedicated fire protection customers (W-4) are excluded from number of service connections for the purpose of determining water utility class consistent with Standard Practice (SP) U-25-W, Chapter 3, Section A.1.

⁵ The forecasted water sales using the disaggregated per capita method was 83.1 million gallons.

regression for annual water sales was performed to estimate a 2023 value. The regression included annual water sales from 1989 to 2022 (34 periods). SCE also applied a five-year moving average to adjust for the cyclical nature of water supply conditions on Catalina. Over the decades there have been numerous drought cycles, indicating some level of seasonality. The 2023 sales calculated using the regression formula was used to “bootstrap” the five-year moving average to obtain a 2023 forecast amount. This approach resulted in an estimated sales forecast of 99.66 million gallons.

On July 21, 2022, SCE activated Stage 1 mandatory water conservation (Stage 1) in the Catalina water system. While there are no mandated reductions during Stage 1, there are mandatory conservation measures. Absent significant rainfall during the current rain year, SCE anticipates the need to activate Stage 2 mandatory water conservation and rationing (Stage 2) by August 2023. There is a 25 percent mandatory reduction in water use associated with Stage 2; however, due to increased production from SCE’s desalination treatment facility, a Stage 2 reduction is estimated at 15 percent. Applying a 15 percent reduction to the 2022 recorded sales of 113.6 million gallons results in 96.6 million gallons of usage. This amount is reasonably similar to the calculated 2023 forecast sales of 99.66 million gallons. A comparison of the 2022 authorized and 2023 proposed sales forecasts is provided in Table-7 below.

Table-7
Sales Forecast Comparison
2022 Authorized and 2023 Proposed

Line No.	Month [A]	2022 Adopted Sales Forecast [B]	2023 Proposed Sales Forecast [C]	Change [D] = [C] - [B]	Change (%) [E] = [D] ÷ [B]
1	October	4,981,339	5,964,203	982,864	19.73%
2	November	4,648,641	5,565,861	917,220	19.73%
3	December	6,141,876	7,353,725	1,211,849	19.73%
4	January	5,582,696	6,684,214	1,101,517	19.73%
5	February	6,504,088	7,787,404	1,283,316	19.73%
6	March	6,840,690	8,190,421	1,349,731	19.73%
7	April	7,381,011	8,837,352	1,456,341	19.73%
8	May	9,111,209	10,908,934	1,797,725	19.73%
9	June	9,783,405	11,713,760	1,930,356	19.73%
10	July	9,355,624	11,201,574	1,845,950	19.73%
11	August	6,282,095	7,521,610	1,239,515	19.73%
12	September	6,623,889	7,930,843	1,306,954	19.73%
13	Total	83,236,564	99,659,901	16,423,338	19.73%

The volumetric forecast reflects the projected water quantity for Catalina customers and forms the basis for the billing determinants used in the rate design.

Rates

This section describes how the 2023 proposed rates were calculated based on the updated sales forecast of 99.66 MG and aggregate customer count of 2,042 customers (1,521 residential and 521 non-residential).

The rate design and revenue allocation developed in the 2011 Catalina Water General Rate Case (2011 GRC) was the result of an all-party settlement intended to provide equity across rate classes while continuing to send strong conservation price signals to customers.⁶ The settlement recognized this could be accomplished through the following:

1. The amount of revenue recovered through the fixed charges as opposed to volumetric charges;
2. The differential between the summer and winter volumetric rates; and
3. The allocation of volumetric revenue recorded from the residential and non-residential customer classes.

The authorized rate design revenue allocations are summarized in Table-8.

Table-8
Catalina Water Rate Design
Summary of Revenue Allocation Factors

Line No.	Rate Design Element	Revenue Allocation
1	Fixed/Volumetric Ratio	30% Fixed, 70% Volumetric
2	Seasonal Recovery	55% Summer (4 Months), 45% Winter (8 Months)
3	Overall Revenue Allocation ¹	40% Residential, 60% Non-Residential

^{1/}The overall revenue allocation was updated in Resolution W-5192 based on a five-year average usage distribution among Catalina water customers.

SCE does not propose any changes in revenue allocation or rate design in this advice letter.

Calculation of Rate Changes

The 2023 proposed rates are based on a forecast of 2,042 customers and the revised sales forecast of 99.66 MG. All other rate design parameters remain as authorized in D.14-10-048 and updated in the Resolution.⁷ The proposed changes to fixed and volumetric rates for residential, residential-CARE, and commercial customers are provided in Table-9.

⁶ See 2011 Catalina Water GRC All-Party Settlement, Exhibit A – Rate Design.

⁷ Resolution W-5192 updated the overall revenue allocation to 40 percent residential and 60 percent non-residential.

Table-9
Proposed Fixed and Volumetric Rates for
Residential, Residential-CARE, and Commercial Customers
Based on the 2023 Sales Forecast Update of 99.66 MG

2022 Rate Schedules									
Meter Size	W-1-R (Residential)			W-1-GS (Commercial)			W-1-R-CARE (Residential-CARE)		
	\$/meter/month	% change		\$/meter/month	% change		\$/meter/month	% change	
5/8 in.	31.79	-26%		31.79	-26%		23.15	-33%	
3/4 in.	49.14	-19%		49.14	-19%		37.03	-24%	
1 in.	66.48	-15%		66.48	-15%		50.90	-18%	
1.5 in.	92.62	-11%		92.62	-11%		71.81	-14%	
2 in.	127.30	-8%		127.30	-8%		99.55	-10%	
3 in.	278.55	-4%		278.55	-4%		220.55	-5%	
4 in.	335.97	-3%		335.97	-3%		266.49	-4%	
6 in.	565.46	-2%		565.46	-2%		450.08	-2%	
8 in.	963.02	-1%		963.02	-1%		768.13	-1%	
	Volumetric Rates			Volumetric Rates			Volumetric Rates		
		Summer			Summer	Winter		Summer	Winter
		(June- Sept)	Winter (Oct-May)	(June- Sept)	(Oct- May)		(June- Sept)	(Oct- May)	
	0 - 2000 gallons (T1)	22.93	10.83	All usage	49.09	17.78	0 - 2000 gallons (T1)	17.93	8.25
	2001 - 6500 gallons (T2)	45.34	21.14	All usage	49.09	17.78	2001 - 6500 gallons (T2)	35.86	16.50
	Over 6500 gallons (T3)	67.76	31.46	All usage	49.09	17.78	Over 6500 gallons (T3)	53.79	24.76
		% change			% change			% change	
		T1	-16.6% -16.7%		T1	-16.5% -19.4%		T1	-16.5% -16.5%
			T2		T2	-16.5% -19.4%		T2	-16.5% -16.5%
			T3		T3	-16.5% -19.4%		T3	-16.5% -16.5%

The schedule of current and proposed rates for all customer classes is provided in Attachment B.

Average Monthly Bill Impact of Proposed Rate Decrease

Table-10 shows the monthly average bill at current rates versus the 2023 estimated average monthly bill at proposed rates and customer bill decrease by customer type (residential, residential-CARE, and commercial). The revised sales results in average monthly bills of \$62.41 for residential, \$59.53 for residential-CARE, and \$153.28 for commercial customer classes. These rates and average bill amounts have the fixed surcredit embedded in the monthly service charges.

***Table-10
Average Monthly Bill by Customer Type for 5/8" Meters
2023 Sales Forecast at Current and Proposed Rates***

Customer Type	Average Bill at Current Rates	Average Bill at Proposed	Difference	
			Amount	%
Residential	\$ 79.92	\$ 62.41	\$ (17.51)	-22%
Residential - CARE	\$ 78.13	\$ 59.53	\$ (18.60)	-24%
Commercial	\$ 190.58	\$ 153.28	\$ (37.30)	-20%

1. The table above shows the three largest customer groups that uses 5/8" meter and comprise approximately 80% of Catalina water customers.

CONCLUSION

SCE's proposed sales forecast and rate decrease are reasonable. SCE respectfully requests that the updated sales forecast and proposed rates be expeditiously approved by Water Division pursuant to General Order (GO) 96-B, Water Industry Rule 7.3.2.

PROPOSED TARIFF CHANGES

The following rate schedules are updated to reflect the changes in rates resulting from the surcharge from the WRAM/MCBA amortization and 2023 CAM sales forecast update.

- Schedule W-1-R-CARE, Santa Catalina Island CARE Residential Water Service
- Schedule W-1-R, General Metered Fresh Water Service Residential Service
- Schedule W-1-RDS, General Metered Fresh Water Service Residential Dual Service
- Schedule W-1-RM, Master Metered Fresh Water Service Residential Multifamily Accommodation
- Schedule W-1-GS, General Metered Fresh Water Service General Service
- Schedule W-3, Water Service for Irrigation

INDEX OF ATTACHMENTS

- Attachment A – Tariffs
- Attachment B – Net WRAM/MCBA Balance Workpaper
- Attachment C – Current and Proposed Average Bills and Rates
- Attachment D – Public Notice of Proposed Rate Decrease

TIER DESIGNATION

Pursuant to Resolution W-5192 and Advice 117-W, this advice letter is submitted with a Tier 2 designation.

EFFECTIVE DATE

SCE requests that this advice letter be effective on December 10, 2022, in accordance with General Order 96-B, Water Industry Rule 7.3.2 and General Rules 7.3.2 and 7.6.1. SCE will implement the proposed rates concurrently with the electric rate change planned for January 1, 2023.

NOTICE

Anyone wishing to protest this advice letter may do so only electronically. Protests must be received no later than 20 days after the date of this advice letter. Protests should be submitted to the CPUC Water Division:

Director, Water Division
California Public Utilities Commission
E-mail: water_division@cpuc.ca.gov

In addition, protests and all other correspondence regarding this advice letter should be sent electronically to the attention of:

Connor Flanigan
Managing Director, State Regulatory Operations
Southern California Edison Company
E-mail: AdviceTariffManager@sce.com

and

Tara S. Kaushik
Managing Director, Regulatory Relations
c/o Karyn Gansecki
Southern California Edison Company
E-mail: Karyn.Gansecki@sce.com

There are no restrictions on who may file a protest, but the protest shall set forth specifically the grounds upon which it is based and shall be submitted expeditiously.

SCE is serving copies of this advice filing to the service list for interested parties shown on the attached GO 96-B service list in accordance with Water Industry Rule 4.1 of GO 96-B. Address change requests to the GO 96-B service list should be directed by electronic mail to AdviceTariffManager@sce.com or at (626) 302-4747. For changes to all other service lists, please contact the Commission's Process Office at (415) 703-2021 or by electronic mail at Process_Office@cpuc.ca.gov.

Further, in accordance with Public Utilities Code Section 491, notice to the public is hereby given by filing and keeping the advice filing at SCE's corporate headquarters. To view other SCE advice letters filed with the Commission, log on to SCE's web site at <https://www.sce.com/wps/portal/home/regulatory/advice-letters>.

In addition, SCE is complying with the customer notice provisions of Rule 3.1 (Water Utility Rule) of GO 96-B.

For questions, please contact Cooper Cameron at (626) 302-3406 or by electronic mail at Cooper.Cameron@sce.com.

Southern California Edison Company

/s/ Connor Flanigan
Connor Flanigan

CF:cc:jm
Enclosures

**CALIFORNIA PUBLIC UTILITIES COMMISSION
DIVISION OF WATER AND AUDITS**

Advice Letter Cover Sheet

Utility Name: Southern CA Edison

Date Mailed to Service List: Nov. 10, 2022

CPUC Utility #: WTC 338

Protest Deadline (20th Day): Nov. 30, 2022

Advice Letter #: 133-W

Review Deadline (30th Day): Dec. 12, 2022

Tier 1 2 3 Compliance

Requested Effective Date: Dec. 10, 2023

Authorization Resolution W-5192

Rate Impact: \$

Description: Catalina Water Revenue Adjustment Mechanism and Modified Cost Balancing Account Status and Amortization Request, and 2023 Catalina Water Sales Forecast Update and Rate Decrease for Service Provided to Santa Catalina Island Water Customers

The protest or response deadline for this advice letter is 20 days from the date that this advice letter was mailed to the service list. Please see the "Response or Protest" section in the advice letter for more information.

Utility Contact: Darrah Morgan

Utility Contact 2: Brent Valencia

Phone: (626) 302-2086

Phone 2: (626) 302-4747

Email: advicetariffmanager@sce.com

Email 2: advicetariffmanager@sce.com

DWA Contact: Tariff Unit

Phone: (415) 703-1133

Email: Water.Division@cpuc.ca.gov

DWA USE ONLY

DATE

STAFF

COMMENTS

APPROVED

WITHDRAWN

REJECTED

Signature: _____

Comments: _____

Date: _____

**CALIFORNIA PUBLIC UTILITIES COMMISSION
DIVISION OF WATER AND AUDITS**

Advice Letter Cover Sheet

Schedules W-1-R-CARE

Schedules W-1-R

Schedules W-1-RDS

Schedules W-1-RM

Schedules W-1-GS

Schedules W-1-GS

Schedules W-3

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APPROVED

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Signature: _____

Comments: _____

Date: _____

Cal. P.U.C. Sheet No.	Title of Sheet	Cancelling Cal. P.U.C. Sheet No.
Revised 1376-W	Schedules W-1-R-CARE	Revised 1318-W
Revised 1377-W	Schedules W-1-R	Revised 1319-W
Revised 1378-W	Schedules W-1-RDS	Revised 1320-W
Revised 1379-W	Schedules W-1-RM	Revised 1321-W
Revised 1380-W Revised 1381-W	Schedules W-1-GS Schedules W-1-GS	Revised 1322-W Original 858-W*
Revised 1382-W	Schedules W-3	Revised 1323-W
Revised 1383-W	Schedules W-4	Revised 1324-W
Revised 1384-W	Table of Contents	Revised 1353-W



Schedule W-1-R-CARE Sheet 1
SANTA CATALINA ISLAND CALIFORNIA ALTERNATE RATES FOR ENERGY (CARE)
RESIDENTIAL WATER SERVICE

APPLICABILITY

Applicable to fresh water service to separately metered, eligible residential customers residing in a permanent single-family residence where the customer meets all the Special Conditions of this Schedule. This Schedule is not applicable to customers served under Schedule W-1-RM.

TERRITORY

Santa Catalina Island, Los Angeles County.

RATES

Quantity Rates:

	<u>Per Meter Per Month</u>		
	<u>Summer Season</u>	<u>Winter Season</u>	
	<u>June through September</u>	<u>October through May</u>	
Tier 1: First 2,000 gallons, per 1,000 gallons	\$ 17.93	\$ 8.25	(R)
Tier 2: Between 2,001 and 6,500 gallons, per 1,000 gallons	\$ 35.86	\$ 16.50	(R)
Tier 3: Over 6,500 Gallons, per 1,000 gallons	\$ 53.79	\$ 24.76	(R)

Service Charge for Schedules W-1-R:

For 5/8 x 3/4-inch meter	\$ 23.15	(R)
For 3/4-inch meter	\$ 37.03	
For 1-inch meter	\$ 50.90	
For 1-1/2-inch meter	\$ 71.81	
For 2-inch meter	\$ 99.55	
For 3-inch meter	\$ 220.55	
For 4-inch meter	\$ 266.49	
For 6-inch meter	\$ 450.08	
For 8-inch meter	\$ 768.13	(R)

Service Charge for Schedules W-1-RDS:

For 5/8 x 3/4-inch meter	\$ 23.15	(R)
For 1-inch meter	\$ 38.43	
For 1-1/2-inch meter	\$ 55.16	
For 2-inch meter	\$ 77.36	(R)

The Service Charge is a readiness-to-serve charge applicable to all metered service which is added to the quantity charge computed at the Quantity Rates.

In addition to the Rates and Charges above, the PUCRF identified in Schedule UF-W also applies.

(Continued)

(To be inserted by utility)

Advice 133-W
Decision _____

Issued by

Michael Backstrom
Senior Vice President

(To be inserted by Cal. PUC)

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Schedule W-1-R
GENERAL METERED FRESH WATER SERVICE
RESIDENTIAL SERVICE

Sheet 1

APPLICABILITY

Applicable to fresh water service to single-family residential customers separately metered by SCE.

TERRITORY

Santa Catalina Island, Los Angeles County.

RATES

Quantity Rates:*

	<u>Per Meter Per Month</u>		
	<u>Summer Season</u> June through <u>September</u>	<u>Winter Season</u> October through <u>May</u>	
Tier 1: First 2,000 gallons, per 1,000 gallons	\$ 22.93	\$ 10.83	(R)
Tier 2: Between 2,001 and 6,500 gallons, per 1,000 gallons	\$ 45.34	\$ 21.14	(R)
Tier 3: Over 6,500 Gallons, per 1,000 gallons	\$ 67.76	\$ 31.46	(R)

Service Charge:

For 5/8 x 3/4-inch meter	\$ 31.79	(R)
For 3/4-inch meter	\$ 49.14	
For 1-inch meter	\$ 66.48	
For 1-1/2-inch meter	\$ 92.62	
For 2-inch meter	\$ 127.30	
For 3-inch meter	\$ 278.55	
For 4-inch meter	\$ 335.97	
For 6-inch meter	\$ 565.46	
For 8-inch meter	\$ 963.02	(R)

The Service Charge is a readiness-to-serve charge applicable to all metered service which is added to the quantity charge computed at the Quantity Rates.

In addition to the Rates and Charges above, the PUCRF identified in Schedule UF-W also applies.

SPECIAL CONDITION

1. Residential service is the provision of water for domestic use at a dwelling premises, including water used on the premises for sprinkling of lawns; gardens and shrubbery; washing vehicles; and other similar and customary purposes pertaining to single or multifamily dwellings.
2. In situations where a meter serves a combination of residential, general service, and irrigation water usage, SCE will work with the customer to determine the most appropriate rate schedule.

* Includes CARE surcharge of \$0.51 per thousand gallons.

(R)

(To be inserted by utility)

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Michael Backstrom
Senior Vice President

(To be inserted by Cal. PUC)

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Schedule W-1-RDS
GENERAL METERED FRESH WATER SERVICE
RESIDENTIAL DUAL SERVICE

Sheet 1

APPLICABILITY

Applicable to fresh water service to separately metered single-family residential customers with automatic fire sprinkler systems served through a single meter.

TERRITORY

Santa Catalina Island, Los Angeles County.

RATES

Quantity Rates:*

	<u>Per Meter Per Month</u>		
	<u>Summer Season</u> June through <u>September</u>	<u>Winter Season</u> October through <u>May</u>	
Tier 1: First 2,000 gallons, per 1,000 gallons	\$ 22.93	\$ 10.83	(R)
Tier 2: Between 2,001 and 6,500 gallons, per 1,000 gallons	\$ 45.34	\$ 21.14	(R)
Tier 3: Over 6,500 Gallons, per 1,000 gallons	\$ 67.76	\$ 31.46	(R)
 Service Charge:			
For 5/8 x 3/4-inch meter	\$ 31.79		(R)
For 1-inch meter	\$ 50.90		
For 1-1/2-inch meter	\$ 71.81		
For 2-inch meter	\$ 99.55		(R)

The Service Charge is a readiness-to-serve charge applicable to all metered service which is added to the quantity charge computed at the Quantity Rates.

SPECIAL CONDITIONS

1. Residential service is the provision of water for domestic use at a dwelling premises, including water used on the premises for sprinkling of lawns; gardens and shrubbery; washing vehicles; and other similar and customary purposes pertaining to single or multifamily dwellings.
2. Dual Service is defined as service to residential customers who require a larger meter size to accommodate the potential larger flow of water associated with an installed fire sprinkler system.
3. For the purpose of fire protection under this Schedule, SCE will supply only such water at such pressure as may be available from time-to-time as a result of its operation of the system. Section 774 of the Public Utilities Code limits the liability of SCE resulting from a claim regarding the provision or maintenance of an adequate water supply, water pressure, equipment or other fire protection facility or service. Acceptance of service under this tariff is acknowledgment of notice of the provisions of Section 774 of the Public Utilities Code.
4. If customers request service for a meter connection size not reflected above, SCE will apply the sizing relationship established in A.10-11-009 for the requested connection size to determine a service charge for the non-standard Dual Service connection, upon field verification of the base and connected pipe size.
5. In situations where a meter serves a combination of residential, general service, and irrigation water usage, SCE will work with the customer to determine the most appropriate rate schedule.

* Includes CARE surcharge of \$0.51 per thousand gallons.

(R)

(To be inserted by utility)

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Schedule W-1-RM
MASTER METERED FRESH WATER SERVICE
RESIDENTIAL MULTIFAMILY ACCOMMODATION

Sheet 1

APPLICABILITY

Applicable to fresh water service to a master metered multifamily accommodation, where each single-family residence is not separately metered by SCE.

TERRITORY

Santa Catalina Island, Los Angeles County

RATES

Quantity Rates:*

	<u>Per Meter Per Month</u>		
	Summer Season	Winter Season	
	June through <u>September</u>	October through <u>May</u>	
Tier 1: First 2,000 gallons, per 1,000 gallons	\$ 22.93	\$ 10.83	(R)
Tier 2: Between 2,001 and 6,500 gallons, per 1,000 gallons	\$ 45.34	\$ 21.14	(R)
Tier 3: Over 6,500 Gallons, per 1,000 gallons	\$ 67.76	\$ 31.46	(R)

Service Charge:

For 5/8 x 3/4-inch meter	\$ 31.79	(R)
For 3/4-inch meter	\$ 49.14	
For 1-inch meter	\$ 66.48	
For 1-1/2-inch meter	\$ 92.62	
For 2-inch meter	\$ 127.30	
For 3-inch meter	\$ 278.55	
For 4-inch meter	\$ 335.97	
For 6-inch meter	\$ 565.46	
For 8-inch meter	\$ 963.02	(R)

The Service Charge is a readiness-to-serve charge applicable to all metered service which is added to the quantity charge computed at the Quantity Rates.

SPECIAL CONDITIONS

- Residential service is the provision of water for domestic use at a dwelling premises, including water used on the premises for sprinkling of lawns; gardens and shrubbery; washing vehicles; and other similar and customary purposes pertaining to single or multifamily dwellings.

* Includes CARE surcharge of \$0.51 per thousand gallons.

(R)

(Continued)

(To be inserted by utility)

Advice 133-W
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Schedule W-1-GS
GENERAL METERED FRESH WATER SERVICE
GENERAL SERVICE

Sheet 1

APPLICABILITY

Applicable to fresh water service to separately metered General Service customers where the fresh water is used for purposes other than for residential, private fire protection, or irrigation purposes.

TERRITORY

Santa Catalina Island, Los Angeles County.

RATES

Quantity Rates:*

	<u>Per Meter Per Month</u>		
	Summer Season June through <u>September</u>	Winter Season October through <u>May</u>	
All Usage per 1,000 gallons	\$ 49.09	\$ 17.78	(R)
 Service Charge:			
For 5/8 x 3/4-inch meter	\$ 31.79		(R)
For 3/4-inch meter	\$ 49.14		
For 1-inch meter	\$ 66.48		
For 1-1/2-inch meter	\$ 92.62		
For 2-inch meter	\$ 127.30		
For 3-inch meter	\$ 278.55		
For 4-inch meter	\$ 335.97		
For 6-inch meter	\$ 565.46		
For 8-inch meter	\$ 963.02		(R)

The Service Charge is a readiness-to-serve charge applicable to all metered service which is added to the quantity charge computed at the Quantity Rates.

SPECIAL CONDITION

- General Service customers are defined as all service to any individually metered customer except those eligible for service on single-family and multifamily residential, private fire protection, or irrigation schedules.

* Includes CARE surcharge of \$0.51 per thousand gallons.

(R)

(Continued)

(To be inserted by utility)

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Schedule W-1-GS
GENERAL METERED FRESH WATER SERVICE
GENERAL SERVICE

Sheet 2

(Continued)

SPECIAL CONDITION (Continued)

2. CARE Discount: Customers who are provided fresh water service and who meet the definition of a Group Living Facility, Agricultural Employee Housing, or Migrant Farm Worker Housing Center as defined in Section 3 below may qualify for a 32.5 percent discount off of their bill prior to application of the PUCRF identified in Schedule UF-W and any applicable user fees, taxes, and late payment charges. Customers eligible for the CARE Discount will not be required to pay the CARE Surcharge. An Application and Eligibility Declaration is required for service as defined in Section 3.b. below. Eligible customers shall be billed on this Schedule commencing no later than one billing period after receipt and approval of the customer's application by SCE. Customers may be rebilled on the applicable rate schedule for periods in which they do not meet the eligibility requirements for the CARE discount. (I)

3. CARE Definitions:

a. Group Living Facility:

A non-profit facility such as transitional housing, short or long term care facility, or a group home for physically or mentally disabled persons either licensed by the appropriate state agency such as the Department of Social Services, the Department of Health Services, or the Department of Drug and Alcohol Programs or in the absence of a license, a facility that can provide, to the satisfaction of SCE, it is eligible to participate. All facilities must be operated by a corporation with 501(c)(3) IRS Status, whose primary purpose is to provide living facilities where 100% of the residents individually meet the Commission's CARE eligibility standard for a single-person household and where at least 70% of the facility's water is used for residential purposes.

Homeless Shelters qualify as a group living facility if the homeless shelter has at least 6 beds, is open a minimum of 180 days a year, and 70% of the facility's water is used for residential purposes. Each homeless shelter must also provide a conditional use permit and a copy of the Internal Revenue Service letter granting the shelter non-profit status to obtain the discount.

Common areas (e.g., laundry facilities, kitchens, and living spaces) of non-profit Group Living Facilities, regardless of metering arrangements, shall also qualify for the CARE provision as long as the facility meets the requirements of this Special Condition and Public Utilities Code Section 739.1.

A satellite facility may qualify as a Group Living Facility if the satellite facility is associated with a non-profit corporation ("mothership") and the mothership facility is licensed by the appropriate state agency as defined in this Special Condition. In addition, at least 70% of the water consumed by the satellite facility must be used for residential purposes and the mothership facility is SCE's customer of record for the satellite facility.

(Continued)

(To be inserted by utility)

Advice 133-W
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Schedule W-3
WATER SERVICE FOR IRRIGATION

Sheet 1

APPLICABILITY

This Schedule is applicable to water service through supply lines that provide water solely for irrigation purposes.

TERRITORY

Santa Catalina Island, Los Angeles County.

RATES

Quantity Rates:*

<u>Per Meter Per Month</u>	
Summer Season June through <u>September</u>	Winter Season October through <u>May</u>

All Usage per 1,000 gallons	\$ 49.09	\$ 17.78	(R)
-----------------------------	----------	----------	-----

Service Charge:

For	5/8 x 3/4-inch meter	\$ 31.79	(R)
For	3/4-inch meter	\$ 49.14	
For	1-inch meter	\$ 66.48	
For	1-1/2-inch meter	\$ 92.62	
For	2-inch meter	\$ 127.30	
For	3-inch meter	\$ 278.55	
For	4-inch meter	\$ 335.97	
For	6-inch meter	\$ 565.46	
For	8-inch meter	\$ 963.02	(R)

The Service Charge is a readiness-to-serve charge applicable to all metered service which is added to the quantity charge computed at the Quantity Rates.

SPECIAL CONDITIONS

1. Water used for irrigation service is defined as fresh water used solely for commercial agricultural, floricultural, or horticultural use.
2. In situations where a meter serves a combination of residential, general service, and irrigation water usage, SCE will work with the customer to determine the most appropriate rate schedule.

* Includes CARE surcharge of \$0.51 per thousand gallons.

(R)

(To be inserted by utility)
Advice 133-W
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Schedule W-4
DEDICATED WATER SERVICE FOR PRIVATE
FIRE PROTECTION SYSTEMS

Sheet 1

APPLICABILITY

This Schedule is applicable to water service through supply lines that provide water solely for private fire protection systems. All other water service shall be charged under another applicable rate schedule which includes volumetric water charges.

TERRITORY

Santa Catalina Island, in Los Angeles County.

RATES

Per Service Connection
per Month

Service Charge:

For	5/8-inch diameter supply line	\$ 9.32	(R)
For	3/4- inch diameter supply line	\$ 13.06	
For	1-inch diameter supply line	\$ 16.79	
For	1-1/2-inch diameter supply line	\$ 22.43	
For	2-inch diameter supply line	\$ 29.91	
For	3-inch diameter supply line	\$ 62.51	
For	4-inch diameter supply line	\$ 74.89	
For	6-inch diameter supply line	\$ 124.37	
For	8-inch diameter supply line	\$ 210.08	(R)

SPECIAL CONDITIONS

1. The installation of, or changes to, facilities for a private fire protection system is subject to SCE's applicable tariffs.
2. The expense of maintaining the private fire protection facilities on the customer's premises (including the vault, meter and backflow device) shall be paid for by the customer.
3. All private fire protection facilities, excluding the connection at the main and any service pipe located in a public-right-way, are the sole property of the customer. SCE and its duly authorized agents shall have the right of ingress to, and egress from, the customer's premises for all purposes relating to said facilities and the provision of private fire protection water service.
4. No structure shall be built over or enclosing the private fire protection facilities and the customer shall maintain and safeguard the area occupied by said facilities from traffic and other hazardous conditions. Exceptions may be made on a case-by-case basis for extenuating circumstances.

(Continued)

(To be inserted by utility)

Advice 133-W
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(Continued)

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ATTACHMENT B

Net WRAM/MCBA Balance Workpaper

**Water Revenue Adjustment Mechanism/Modified Cost Balancing Account (WRAM/MCBA) - 2022
Profit Center: P9252 (GL: 2432116 / 1432116)**

Line No.	Item	January	February	March	April	May	June	July	August	September
1.	Beginning Balance	80,386.84	61,046.43	88,378.38	175,161.27	93,655.50	163,794.19	285,844.32	160,335.76	(198,693.89)
	Water CAPP Funding (one time) / provision adjustment Doc 10033371969				(71,164.52)					
	Water CAPP Funding (one time) / interest adjustment Doc 10033371969				(29.07)					
	Adjusted Balance	80,386.84	61,046.43	88,378.38	103,967.68	93,655.50	163,794.19	285,844.32	160,335.76	(198,693.89)
	WRAM									
2.	Total Billed Revenues (G/L 4166010)	(255,787.49)	(193,662.10)	(202,970.16)	(274,497.45)	(233,494.19)	(352,345.92)	(487,459.78)	(798,016.53)	(732,798.58)
3.	Less - W-4 Fire Service Revenues									
4.	Total Recorded WRAM Eligible Revenue	(255,787.49)	(193,662.10)	(202,970.16)	(274,497.45)	(233,494.19)	(352,345.92)	(487,459.78)	(798,016.53)	(732,798.58)
5.	Less - Authorized WRAM Eligible Revenue--	242,477.72	226,282.90	298,969.43	271,750.11	316,600.87	332,985.75	359,287.05	443,508.26	476,228.89
6.	Net WRAM Balance	(13,309.77)	32,620.80	95,999.27	(2,747.34)	83,106.68	(19,360.17)	(128,172.73)	(354,508.27)	(256,569.69)
	MCBA									
7.	Power for Pumping (Fresh 624341)	555.79	0.00	0.00	0.00	0.00	151,706.99	13,467.43	10,809.14	4,607.05
8.	Power for Pumping (Desal 624342)	11,561.14	11,644.47	13,145.54	12,730.26	10,643.83	14,432.98	15,899.09	17,915.60	17,928.59
9.	Total Volume Related Production Expense	12,116.93	11,644.47	13,145.54	12,730.26	10,643.83	166,139.97	29,366.52	28,724.74	22,535.64
10.	Less - Authorized Volume Related Production Expense	18,155.23	16,942.66	22,384.98	20,346.97	23,705.11	24,931.91	26,901.19	33,207.15	35,657.07
11.	Net MCBA Balance	(6,038.30)	(5,298.19)	(9,239.44)	(7,616.71)	(13,061.28)	141,208.06	2,465.33	(4,482.41)	(13,121.43)
12.	(Over)/Under Collection	(19,348.07)	27,322.60	86,759.83	(10,364.05)	70,045.40	121,847.89	(125,707.40)	(358,990.68)	(269,691.12)
13.	Interest Rates	0.13%	0.15%	0.21%	0.63%	0.87%	1.08%	1.07%	2.44%	2.57%
14.	Interest	7.66	9.34	23.06	51.86	93.29	202.25	198.83	(38.96)	(714.33)
15.	Ending Balance	61,046.43	88,378.38	175,161.27	93,655.50	163,794.19	285,844.32	160,335.76	(198,693.89)	(469,099.34)
	Provision	(243,670.56)	(182,017.63)	(189,824.62)	(261,767.19)	(222,850.36)	(186,205.95)	(458,093.26)	(769,291.79)	(710,262.94)

Assumptions:

SCE will subtract from the balance a revenue requirement amount equal to a 20-basis point reduction in the utility's most recently adopted return on equity (7.9%)
Interest is calculated at one-twelfth of the Federal Reserve's most recent three-month Commercial Paper Rate - Non-Financial, from Statistical Release H.15, available at <https://www.federalreserve.gov/releases/h15/>
Monthly allocations are based on a five-year (2014-2018) average usage distribution
There is no adopted quantity for other volume-related production expense (e.g., filters, treatment chemicals, etc.) These expenses were categorized under materials in the 2011 Catalina Water GRC

ATTACHMENT C

Current and Proposed Average Bills and Rates

C.1 Average Monthly Bill at Current Rates

C.2 Average Monthly Bill at Proposed Rates

C.3 Average Monthly Bill Impact (Proposed vs. Current)

C.4 Current and Proposed Rates (Residential)

C.5 Current and Proposed Rates (Non-Residential)

C.1 Average Monthly Bill at Current Rates

Average Monthly Bills at Current Rates - \$										
Meter / Pipe Size >>>	5/8 in.	3/4 in.	1 in.	1.5 in.	2 in.	3 in.	4 in.	6 in.	8 in.	Total
Res	79.92	90.70	141.50	112.45	374.27					\$84.10
Res-Dual	85.75		118.69	566.19	402.08					\$175.26
Res-CARE	78.13	52.23	112.10							\$78.26
Res-CARE-Dual			75.00							\$75.00
Res-DE	80.07		119.39							\$80.84
Res-DE-Dual				91.07						\$91.07
Res-MM	233.72		737.16	602.61	1,655.81					\$544.04
Res-MM-Dual										
Com	190.58	137.34	501.44	1,007.06	1,828.12	784.92		576.88	981.08	\$618.62
Com-CARE										
IRRI	113.72		131.68	436.50	819.83	289.97				\$196.95
FIRE	9.47	13.27	17.07	22.80	30.40	63.54	76.12	126.41	213.53	\$51.57
Total	\$96.65	\$74.48	\$277.77	\$701.30	\$1,140.71	\$307.70	\$76.12	\$242.57	\$605.27	\$192.76

C.2 Average Monthly Bill at Proposed Rates

Year 1 Average Monthly Bill at Proposed Rates - \$										
Meter / Pipe Size >>>	5/8 in.	3/4 in.	1 in.	1.5 in.	2 in.	3 in.	4 in.	6 in.	8 in.	Total
Res	62.41	74.28	119.54	99.63	323.87					\$66.29
Res-Dual	67.26		97.92	474.88	342.50					\$145.57
Res-CARE	59.53	40.18	92.47							\$59.75
Res-CARE-Dual			59.44							\$59.44
Res-DE	63.59		96.17							\$64.23
Res-DE-Dual				74.36						\$74.36
Res-MM	190.75		616.66	508.68	1,393.53					\$453.99
Res-MM-Dual										
Com	153.28	112.25	415.76	838.04	1,522.09	686.75		565.46	968.46	\$512.74
Com-CARE										
IRRI	89.81		110.74	367.01	689.44	278.55				\$162.14
FIRE	9.32	13.06	16.79	22.43	29.91	62.51	74.89	124.37	210.08	\$50.74
Total	\$76.07	\$61.06	\$231.21	\$585.77	\$953.03	\$276.71	\$74.89	\$238.11	\$597.14	\$157.77

C.3 Average Monthly Bill Impact (Proposed vs. Current)

Year 1 Average Monthly Bill at Proposed Rates - \$										
Meter / Pipe Size >>>	5/8 in.	3/4 in.	1 in.	1.5 in.	2 in.	3 in.	4 in.	6 in.	8 in.	Total
Res	-22%	-18%	-16%	-11%	-13%					-21%
Res-Dual	-22%		-18%	-16%	-15%					-17%
Res-CARE	-24%	-23%	-18%							-24%
Res-CARE-Dual			-21%							-21%
Res-DE	-21%		-19%							-21%
Res-DE-Dual				-18%						-18%
Res-MM	-18%		-16%	-16%	-16%					-17%
Res-MM-Dual										
Com	-20%	-18%	-17%	-17%	-17%	-13%		-2%	-1%	-17%
Com-CARE										
IRRI	-21%		-16%	-16%	-16%	-4%				-18%
FIRE	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
Total	-21%	-18%	-17%	-16%	-16%	-10%	-2%	-2%	-1%	-18%

C.4 Current and Proposed Rates (Residential)

Settlement Rate Schedules										
	W-1-R (Residential) W-10 (DE) W-1-RM (Residential Multi-Family)		W-1-RDS (Residential Dual Service)		W-1-R-CARE (Residential- CARE)		W-1-RDS-CARE (Residential Dual Service-CARE)			
<u>Meter Size</u>	<u>Current</u> \$/meter/month	<u>Proposed</u> \$/meter/month	<u>Current</u> \$/meter/month	<u>Proposed</u> \$/meter/month	<u>Current</u> \$/meter/month	<u>Proposed</u> \$/meter/month	<u>Current</u> \$/meter/month	<u>Proposed</u> \$/meter/month	<u>Current</u> \$/meter/month	<u>Proposed</u> \$/meter/month
5/8 in.	43.21	31.79	43.21	31.79	34.56	23.15	34.56	23.15		
3/4 in.	60.56	49.14			48.45	37.03				
1 in.	77.90	66.48	62.32	50.90	62.32	50.90	49.85	38.43		
1.5 in.	104.04	92.62	83.23	71.81	83.23	71.81	66.59	55.16		
2 in.	138.72	127.30	110.97	99.55	110.97	99.55	88.78	77.36		
3 in.	289.97	278.55			231.98	220.55				
4 in.	347.39	335.97			277.91	266.49				
6 in.	576.88	565.46			461.51	450.08				
8 in.	974.44	963.02			779.56	768.13				
	Current Volumetric Rates (\$/thousand gallons)		Current Volumetric Rates (\$/thousand gallons)		Current Volumetric Rates (\$/thousand gallons)		Current Volumetric Rates (\$/thousand gallons)			
	Summer (June-Sept)	Winter (Oct-May)	Summer (June-Sept)	Winter (Oct-May)	Summer (June-Sept)	Winter (Oct-May)	Summer (June-Sept)	Winter (Oct-May)		
0 - 2,000 gallons (T1)	27.49	13.00	15.12	8.90	11.77	6.79	11.77	6.79		
2,001 - 6,500 gallons (T2)	54.33	25.35	29.72	17.27	23.44	13.49	23.44	13.49		
Over 6,500 gallons (T3)	81.16	37.70	44.31	25.65	35.12	20.19	35.12	20.19		
	*Proposed Volumetric Rates (\$/thousand gallons)		*Proposed Volumetric Rates (\$/thousand gallons)		Proposed Volumetric Rates (\$/thousand gallons)		Proposed Volumetric Rates (\$/thousand gallons)			
0 - 2,000 gallons (T1)	22.93	10.83	22.93	10.83	17.93	8.25	17.93	8.25		
2,001 - 6,500 gallons (T2)	45.34	21.14	45.34	21.14	35.86	16.50	35.86	16.50		
Over 6,500 gallons (T3)	67.76	31.46	67.76	31.46	53.79	24.76	53.79	24.76		

*Includes CARE surcharge of \$1.19 per thousand gallons.

** CARE customers receive a discount of 20% off the monthly

C.5 Current and Proposed Rates (Non-Residential)

Settlement Rate Schedules				
	W-4 (Private Fire Protection)		W-1-GS (Commercial) W-3 (Irrigation)	
<u>Meter Size</u>	<u>Current</u> \$/meter/month	<u>Proposed</u> \$/meter/month	<u>Current</u> \$/meter/month	<u>Proposed</u> \$/meter/month
5/8 in.	8.77	9.32	43.21	31.79
3/4 in.	12.30	13.06	60.56	49.14
1 in.	15.82	16.79	77.90	66.48
1.5 in.	21.13	22.43	104.04	92.62
2 in.	28.17	29.91	138.72	127.30
3 in.	58.89	62.51	289.97	278.55
4 in.	70.55	74.89	347.39	335.97
6 in.	117.16	124.37	576.88	565.46
8 in.	197.89	210.08	974.44	963.02
	Current & Proposed Volumetric Rates (\$/thousand gallons) (N/A)		Current Volumetric Rates (\$/thousand gallons) Summer (June-Sept) Winter (Oct-May) 57.68 23.38 57.68 23.38 57.68 23.38	
	Proposed Volumetric Rates (\$/thousand gallons) (N/A)		*Proposed Volumetric Rates - Year 1 (\$/thousand gallons) 49.09 17.78	

*Includes CARE surcharge of \$1.19 per thousand gallons.