

A.22-05-005-WP

Workpapers Supporting the Supplemental Testimony of Travis T. Sera

GTSR Part 1

Estimates as developed for TY2024 GRC

Preliminary SoCalGas O&M Cost Forecast

	2022		2023	
Labor	\$	50,000.00	\$	200,000.00
Non-Labor	\$	200,000.00	\$	800,000.00
TOTAL Projected Spend	\$	250,000.00	\$	1,000,000.00

Based on SME review of proposed scope

O&M costs may include elements of program management such as reporting, training, etc.

Preliminary SoCalGas Capital Cost Forecast

	2022		2023	
Active Miles		233.83		341.13
Miles Completed (Incremental)		0.02		2.02
Direct Projected Spend	\$	6,935,462.19	\$	34,601,342.49
Loaded Projected Spend	\$	7,826,674.00	\$	55,030,422.00
AFUDC	\$	189,851.00	\$	2,016,614.00
TOTAL Projected Spend	\$	8,016,525.00	\$	57,047,036.00

Project	Section Name	Project Type	Total Miles	Estimated TIC	2022	2023
GTSR-Sample-01-Hydrotest	EST INCREMENTAL - \$ BUDGET SPEND	Test	23.1	\$ 31,200,000	\$ 520,000	\$ 2,740,400
GTSR-Sample-01-Hydrotest	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-02-Hydrotest	EST INCREMENTAL - \$ BUDGET SPEND	Test	24.56	\$ 31,200,000	\$ 520,000	\$ 2,740,400
GTSR-Sample-02-Hydrotest	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-03-Hydrotest	EST INCREMENTAL - \$ BUDGET SPEND	Test	9.28	\$ 12,000,000	\$ 160,000	\$ 713,000
GTSR-Sample-03-Hydrotest	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-04-Hydrotest	EST INCREMENTAL - \$ BUDGET SPEND	Test	4.97	\$ 7,200,000	\$ 96,000	\$ 427,800
GTSR-Sample-04-Hydrotest	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-05-Hydrotest	EST INCREMENTAL - \$ BUDGET SPEND	Test	22.93	\$ 31,200,000	\$ 520,000	\$ 2,740,400
GTSR-Sample-05-Hydrotest	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-06-Hydrotest	EST INCREMENTAL - \$ BUDGET SPEND	Test	0.64	\$ 1,506,659	\$ 20,089	\$ 89,521
GTSR-Sample-06-Hydrotest	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-07-Hydrotest	EST INCREMENTAL - \$ BUDGET SPEND	Test	12.26	\$ 16,800,000	\$ 224,000	\$ 998,200
GTSR-Sample-07-Hydrotest	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-08-HYDROTEST	EST INCREMENTAL - \$ BUDGET SPEND	Test	19.96	\$ 46,873,240	\$ 468,732	\$ 1,453,070
GTSR-Sample-08-HYDROTEST	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-09-HYDROTEST	EST INCREMENTAL - \$ BUDGET SPEND	Test	8.73	\$ 20,501,172	\$ 205,012	\$ 635,536
GTSR-Sample-09-HYDROTEST	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-10-HYDROTEST	EST INCREMENTAL - \$ BUDGET SPEND	Test	5.57	\$ 13,080,358	\$ 130,804	\$ 405,491
GTSR-Sample-10-HYDROTEST	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-11-HYDROTEST	EST INCREMENTAL - \$ BUDGET SPEND	Test	5.40	\$ 12,681,137	\$ 112,721	\$ 371,276
GTSR-Sample-11-HYDROTEST	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-12-HYDROTEST	EST INCREMENTAL - \$ BUDGET SPEND	Test	5.28	\$ 12,399,334	\$ 110,216	\$ 363,025
GTSR-Sample-12-HYDROTEST	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-13-HYDROTEST	EST INCREMENTAL - \$ BUDGET SPEND	Test	4.41	\$ 10,356,262	\$ 92,056	\$ 303,208
GTSR-Sample-13-HYDROTEST	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-14-HYDROTEST	EST INCREMENTAL - \$ BUDGET SPEND	Test	3.44	\$ 8,073,515	\$ 62,794	\$ 222,470
GTSR-Sample-14-HYDROTEST	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-15-HYDROTEST	EST INCREMENTAL - \$ BUDGET SPEND	Test	3.46	\$ 8,128,217	\$ 63,219	\$ 223,978
GTSR-Sample-15-HYDROTEST	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-16-HYDROTEST	EST INCREMENTAL - \$ BUDGET SPEND	Test	3.29	\$ 15,758,709	\$ 122,568	\$ 434,240
GTSR-Sample-16-HYDROTEST	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-17-HYDROTEST	EST INCREMENTAL - \$ BUDGET SPEND	Test	24.91	\$ 119,395,828	\$ 795,972	\$ 3,084,392
GTSR-Sample-17-HYDROTEST	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-18-HYDROTEST	EST INCREMENTAL - \$ BUDGET SPEND	Test	26.66	\$ 62,604,170	\$ 417,361	\$ 1,617,274
GTSR-Sample-18-HYDROTEST	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-HYDROTEST Bundle 03	EST INCREMENTAL - \$ BUDGET SPEND	Test	16.6	\$ 39,085,585	\$ -	\$ 605,827
GTSR-Sample-HYDROTEST Bundle 03	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-HYDROTEST Bundle 04	EST INCREMENTAL - \$ BUDGET SPEND	Test	35.5	\$ 83,258,212	\$ -	\$ 1,290,502
GTSR-Sample-HYDROTEST Bundle 04	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-HYDROTEST Bundle 05	EST INCREMENTAL - \$ BUDGET SPEND	Test	35.5	\$ 83,258,212	\$ -	\$ 1,290,502
GTSR-Sample-HYDROTEST Bundle 05	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR-Sample-REPLACE Bundle 01	EST INCREMENTAL - \$ BUDGET SPEND	Replace	9.9	\$ 47,324,206	\$ -	\$ 366,763
GTSR-Sample-REPLACE Bundle 01	EST INCREMENTAL - PIPELINE MILES INSTALLED	Replace			\$ -	\$ -
GTSR-Sample-REPLACE Bundle 02	EST INCREMENTAL - \$ BUDGET SPEND	Replace	9.9	\$ 47,324,206	\$ -	\$ 336,199
GTSR-Sample-REPLACE Bundle 02	EST INCREMENTAL - PIPELINE MILES INSTALLED	Replace			\$ -	\$ -
GTSR Pilot-TEST 01	EST INCREMENTAL - \$ BUDGET SPEND	Test	2.08	\$ 4,350,598	\$ 87,012	\$ 505,757
GTSR Pilot-TEST 01	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR Pilot-TEST 02	EST INCREMENTAL - \$ BUDGET SPEND	Test	0.43	\$ 1,045,817	\$ 20,916	\$ 121,576
GTSR Pilot-TEST 02	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR/P Pilot-TEST 01	EST INCREMENTAL - \$ BUDGET SPEND	Test	5.90	\$ 13,848,645	\$ 553,946	\$ 6,546,947
GTSR/P Pilot-TEST 01	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ 2
GTSR/P Pilot-REPLACE 01	EST INCREMENTAL - \$ BUDGET SPEND	Replace	0.04	\$ 1,732,459	\$ 651,864	\$ 801,722
GTSR/P Pilot-REPLACE 01	EST INCREMENTAL - PIPELINE MILES INSTALLED	Replace			\$ 0	\$ 0
GTSR/P Pilot-REPLACE 02	EST INCREMENTAL - \$ BUDGET SPEND	Replace	0.03	\$ 3,102,762	\$ 640,120	\$ 1,852,724
GTSR/P Pilot-REPLACE 02	EST INCREMENTAL - PIPELINE MILES INSTALLED	Replace			\$ -	\$ 0
GTSR/P Pilot-TEST 02	EST INCREMENTAL - \$ BUDGET SPEND	Test	0.25	\$ 1,739,786	\$ 34,796	\$ 202,250
GTSR/P Pilot-TEST 02	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR Pilot-Sample-HYDROTEST 01	EST INCREMENTAL - \$ BUDGET SPEND	Test	16.12	\$ 37,851,551	\$ 294,401	\$ 1,043,021
GTSR Pilot-Sample-HYDROTEST 01	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test			\$ -	\$ -
GTSR Pilot-Sample-REPLACE 01	EST INCREMENTAL - \$ BUDGET SPEND	Replace	0.13	\$ 630,780	\$ 10,863	\$ 73,871
GTSR Pilot-Sample-REPLACE 01	EST INCREMENTAL - PIPELINE MILES INSTALLED	Replace			\$ -	\$ -
TOTAL Miles Started			341.1			

**Adjusted based on proposed scope

General Project Cost Assumptions		
Cost Per Mile	TEST	REPLACE
	\$2,348,359	\$4,793,165

Actual scope subject to change

GTSR Part 1

Estimates as developed for TY2024 GRC

Preliminary SDG&E O&M Cost Forecast

	2022	2023
Labor	\$ -	\$ 18,000.00
Non-Labor	\$ -	\$ 72,000.00
Shared Services	\$ -	\$ 10,000.00
TOTAL Projected Spend	\$ -	\$ 100,000.00

Based on SME review of proposed scope

O&M costs may include elements of program management such as reporting, training, etc.

Preliminary SDG&E Capital Cost Forecast

	2022	2023
Active Miles	0.00	2.34
Miles Completed (Incremental)	0.00	0.00
Direct Projected Spend	\$ -	\$ 2,342,448.00
Loaded Projected Spend	\$ -	\$ 4,404,728.00
AFUDC	\$ -	\$ 56,214.00
TOTAL Projected Spend	\$ -	\$ 4,460,942.00

Project	Section Name	Project Type	Total Miles	Estimated TIC	2022	2023
GTSR-Replacement 1	EST INCREMENTAL - \$ BUDGET SPEND	Replace	1.36	\$ 22,310,678.75	\$ -	\$ 1,784,854
GTSR-Replacement 1	EST INCREMENTAL - PIPELINE MILES INSTALLED	Replace				
GTSR-Replacement 2	EST INCREMENTAL - \$ BUDGET SPEND	Replace	0.50	\$ 7,111,094.70	\$ -	\$ 376,470
GTSR-Replacement 2	EST INCREMENTAL - PIPELINE MILES INSTALLED	Replace				
GTSR-Test 8	EST INCREMENTAL - \$ BUDGET SPEND	Test	0.49	\$ 4,528,098.91	\$ -	\$ 181,124
GTSR-Test 8	EST INCREMENTAL - PIPELINE MILES INSTALLED	Test				
TOTAL Miles Started			2.3			

**Adjusted based on proposed scope

General Project Cost Assumptions

	TEST	REPLACE
Cost Per Mile	\$6,059,180	\$10,092,252

Actual scope subject to change

GTSR Part 2

Estimates as developed for TY2024 GRC

Preliminary SoCalGas Cost Forecast

	2022	2023
Capital	\$ -	\$ 4,143,392.90
Loaded Capital	\$ -	\$ 5,107,022.00
AFUDC	\$ -	\$ 120,325.00
Total Projected Capital	\$ -	\$ 5,277,347.00
O&M	\$ -	\$ 218,073.31
Total Projected O&M	\$ -	\$ 218,073.31
TOTAL Projected Spend	\$ -	\$ 5,445,420.31

Preliminary SDG&E Cost Forecast

	2022	2023
Capital	\$ -	\$ 264,471.89
Loaded Capital	\$ -	\$ 445,460.00
AFUDC	\$ -	\$ 10,814.00
Total Projected Capital	\$ -	\$ 456,274.00
O&M	\$ -	\$ 12,527.62
Shared Services	\$ -	\$ 1,391.96
Total Projected O&M	\$ -	\$ 13,919.57
TOTAL Projected Spend	\$ -	\$ 470,193.57

192.461 and 192.319

Total Survey Scope for DCVG/ACVG (All Programs)

Item	CY2022 Coating Survey Scope (feet/year)	CY2023 Coating Survey Scope (feet/year)
Class 1	-	158,024.39
Class 2	-	-
Class 3	-	19,008.00
Class 4	-	-
Total (feet/year)	-	177,032.39
Total (miles/year)	-	33.53

Notes

Estimating scope after effective date; subject to change

Average coating survey cost

Area	Coating Survey Cost (\$/mile)	Coating Survey Cost (\$/foot)
Class 1	\$ 17,000.00	\$ 3.22
Class 2	\$ 18,000.00	\$ 3.41
Class 3	\$ 26,666.67	\$ 5.05
Class 4	\$ 43,333.33	\$ 8.21

Notes

The average cost to do a coating survey was obtained from the 2016 PHMSA Impact Assessment and adjusted based on feedback from the SME.

Average Remediation/Mitigation costs per foot.

Item	Recoat Average Cost (\$/foot of repair)
Repair Cost	\$4,458.22

Notes

Based on approximated historical project costs

Non-adjusted estimate

Item	CY2022 Program Estimate (2021 dollars)	CY2023 Program Estimate (2021 dollars)
Coating Survey (DCVG/AC)	\$ -	\$ 604,790.65
Repair (Recoat)	\$ -	\$ 1,317,336.30
Total	\$ -	\$ 1,922,126.95

Notes

It is assumed projects will take one year

Program Scaling Factors

Item	Ramp Up CY2022 (unitless)	Ramp Up CY2023 (unitless)
Scaling Factor	0.01	0.50

Notes

The scaling factors (0-1) are designed to account for the gradual increase in spend as the program scales.

Shared Service Factor

Item	Shared Services CY2022 (unitless)
SoCalGas	0.94
SDG&E	0.06

Notes

between SoCalGas and SDG&E, and was based on the ratio of transmission lines in company database

Capital vs. O&M Distribution Factors

Item	Distribution CY2022 (unitless)
Capital	0.95
O&M	0.05

Notes

The distribution factors are being included to account for the fact that the cost per dig factor includes the remediation cost.

Capital vs. O&M Distribution of the Program Estimate for Each Utility

Item	CY2022 Program Estimate (2021 dollars)	CY2023 Program Estimate (2021 dollars)
SoCalGas		
Capital	0 \$	858,229.68
O&M	0 \$	45,169.98
SoCalGas Total	0 \$	903,399.67
SDG&E		
Capital	0 \$	54,780.62
O&M	0 \$	2,594.87
Shared Services	0 \$	288.32
SDG&E Total	0 \$	57,663.81
Grand Total	0 \$	961,063.47

192.465

Total Incremental Survey Scope for Close Interval Surveys (CIS), by Class Location

Item	CY2022 CIS 1 Scope (feet/year)	CY2023 CIS 1 Scope (feet/year)
Class 1	48,960	48,960
Class 2	3,060	3,060
Class 3	91,800	91,800
Class 4	3,060	3,060
Total (feet/year)	146,880	146,880
Total (miles/year)	28	28

Average coating survey cost

Area	Close Interval Survey Cost (\$/mile)	CIS Cost (\$/foot)
Class 1	\$ 34,000.00	\$ 6.44
Class 2	\$ 36,000.00	\$ 6.82
Class 3	\$ 53,333.33	\$ 10.10
Class 4	\$ 86,666.67	\$ 16.41

Notes

The average cost to do a coating survey was obtained from the 2016 PHMSA Impact Assessment and adjusted based on feedback from the SME. The cost per mile of conducting a CIS includes a factor of 2 to account for proposed language requiring 5 ft. interval spacing for a CIS (current practice is 10 ft)

Average Remediation/Mitigation costs per foot.

Item	Recoat Average Cost (\$/foot of repair)
Repair Cost	\$12,737.77

Notes

Based on approximated historical project costs

Non-adjusted estimate

Item	CY2022 Program Estimate (2021 dollars)	CY2023 Program Estimate (2021 dollars)
CIS 1	\$ 1,313,636.36	\$ 1,313,636.36
Repair (Recoat)	\$ -	\$ 5,667,091.67
CIS 2	\$ -	\$ -
Total	\$ 1,313,636.36	\$ 6,980,728.03

Notes

It is assumed projects will take one year and permitting will take one year

Program Scaling Factors

Item	Ramp Up CY2022 (unitless)	Ramp Up CY2023 (unitless)
Scaling Factor	0.01	0.50

Notes

The scaling factors (0-1) are designed to account for the gradual increase in spend as the program scales.

Shared Service Factor

Item	Shared Services CY2022 (unitless)
SoCalGas	0.94
SDG&E	0.06

Notes

Same assumptions as for 192.461 and 192.319

Capital vs. O&M Distribution Factors

Item	Distribution CY2022 (unitless)
Capital	0.95
O&M	0.05

Capital vs. O&M Distribution of the Program Estimate for Each Utility

Item	CY2022 Program Estimate (2021 dollars)	CY2023 Program Estimate (2021 dollars)
SoCalGas		
Capital	0	\$ 3,116,895.07
O&M	0	\$ 164,047.11
SoCalGas Total	0	\$ 3,280,942.17
SDG&E		
Capital	0	\$ 198,950.75
O&M	0	\$ 9,423.98
Shared Services	0	1047.109
SDG&E Total	0	\$ 209,421.84
Grand Total	0	\$ 3,490,364.02

192.473

Total Incremental Survey Scope for Interference Current Surveys, by Class Location

Item	CY2022 Interference Current Survey Scope (miles/year)	CY2023 Interference Current Survey Scope (miles/year)
Class 1	4.198	4.198
Class 2	0.26	0.26
Class 3	3.144	3.144
Class 4	0	0
Total (feet/year)	40138.56	40138.56
Total (miles/year)	7.60	7.60

Estimated Cost to Complete an Interference Current Survey, by Class Location

Area	Interference Current Survey Cost (\$/mile)
Class 1	\$ 17,000.00
Class 2	\$ 18,000.00
Class 3	\$ 26,666.67
Class 4	\$ 43,333.33

Notes

The average cost to do a coating survey was obtained from the 2016 PHMSA Impact Assessment and adjusted based on feedback from the SME.

Average Remediation/Mitigation costs per mile, by Class Location.

Item	Average AC Mitigation Cost (\$/mile)
Class 1	\$1,666,799.34
Class 2	\$2,083,499.18
Class 3	\$2,916,898.85
Class 4	\$0.00

Notes

Based on approximated historical project costs

Non-adjusted estimate

Item	CY2022 Program Estimate (2021 dollars)	CY2023 Program Estimate (2021 dollars)
Interference Current Surve	\$ 159,886.00	\$ 159,886.00
Repair (AC Mitigation)	\$ -	\$ 216,974.37
Total	\$ 159,886.00	\$ 376,860.37

Notes

It is assumed interference current studies will take one year and AC mitigation will take one year

Program Scaling Factors

Item	Ramp Up CY2022 (unitless)	Ramp Up CY2023 (unitless)
Scaling Factor	0.01	0.50

Notes

The scaling factors (0-1) are designed to account for the gradual increase in spend as the program scales.

Shared Service Factor

Item	Shared Services CY2022 (unitless)
SoCalGas	0.94
SDG&E	0.06

Notes

Same assumptions as for 192.461 and 192.319

Capital vs. O&M Distribution Factors

Item	Distribution CY2022 (unitless)
Capital	0.95
O&M	0.05

Capital vs. O&M Distribution of the Program Estimate for Each Utility

Item	CY2022 Program Estimate (2021 dollars)	CY2023 Program Estimate (2021 dollars)
SoCalGas		
Capital	0	\$ 168,268.15
O&M	0	\$ 8,856.22
SoCalGas Total	0	\$ 177,124.37
SDG&E		
Capital	0	\$ 10,740.52
O&M	0	\$ 508.76
Shared Services	0	\$ 56.53
SDG&E Total	0	\$ 11,305.81
Grand Total	0	\$ 188,430.18

Valve Rule

Estimates as developed for TY2024 GRC

Preliminary SoCalGas Cost Forecast

	2022	2023
Capital	\$ -	\$ 9,596,178.00
Loaded Capital	\$ -	\$ 11,832,672.00
AFUDC	\$ -	\$ 225,797.00
Total Projected Capital	\$ -	\$ 12,058,469.00
O&M	\$ -	\$ 505,062.00
Total Projected O&M	\$ -	\$ 505,062.00
TOTAL Projected Spend	\$ -	\$ 12,563,531.00

Preliminary SDG&E Cost Forecast

	2022	2023
Capital	\$ -	\$ 612,522.00
Loaded Capital	\$ -	\$ 1,027,445.00
AFUDC	\$ -	\$ 33,610.00
Total Projected Capital	\$ -	\$ 1,061,055.00
O&M	\$ -	\$ 32,238.00
Shared Services	\$ -	\$ 3,223.80
Total Projected O&M	\$ -	\$ 35,461.80
TOTAL Projected Spend	\$ -	\$ 1,096,516.80

Project Scope for Valve Rule

Project Name	CY2022 Replacement Pipeline (miles/year)	CY2023 Replacement Pipeline (miles/year)
Total	0.00	15.92

Notes

Estimating projects that start after effective date; subject to change

Valve Requirements for the Rule

Project Name	CY2022 Valve Requirement (valves/year)	CY2023 Valve Requirement (valves/year)
Total	0	4

Notes

Based on spacing requirements (8) and project mileage assumptions

Non-adjusted estimate

Item	CY2022 Program Estimate (2021 dollars)	CY2023 Program Estimate (2021 dollars)
Valves and Valve Installation	\$0.00	\$14,328,000.00
Total	\$0.00	\$14,328,000.00

Notes

Based on historical valve project costs, assume \$3.6M per valve

Program Scaling Factors

Item	Ramp Up CY2022 (unitless)	Ramp Up CY2023 (unitless)
Scaling Factor	0.00	0.75

Notes

The scaling factors (0-1) are designed to account for the gradual increase in spend as 2022 is assumed to be 0 since the effective date of these activities are in early 2023

Shared Service Factor

Item	Shared Services (unitless)
SoCalGas	0.94
SDG&E	0.06

Notes

The shared service factor includes the distribution of costs between SoCalGas and SDG&E, and was based on the ratio of transmission

Capital vs. O&M Distribution Factors

Item	Distribution (unitless)
Capital	0.95
O&M	0.05

Notes

O&M based on SME judgment of possible non-capital costs associated with the

Capital vs. O&M Distribution of the Program Estimate for Each Utility

Item	CY2022 Program Estimate (2021 dollars)	CY2023 Program Estimate (2021 dollars)
SoCalGas		
Capital	\$0.00	\$9,596,178.00
O&M	\$0.00	\$505,062.00
SoCalGas Total	\$0.00	\$10,101,240.00
SDG&E		
Capital	\$0.00	\$612,522.00
O&M	\$0.00	\$32,238.00
Shared Services	\$0.00	\$3,223.80
SDG&E Total	\$0.00	\$644,760.00
Grand Total	\$0.00	\$10,746,000.00