

Company: San Diego Gas & Electric Company (U 902 M)
Proceeding: 2028 General Rate Case
Application: A.26-06- 015p
Exhibit No: SDGE-33-WP.1

**REVISED WORKPAPERS TO
PREPARED DIRECT TESTIMONY OF
ANNA M. CREVOISERAT
ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY**

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**



September 2026

PROPOSED POST-TEST YEAR RATEMAKING MECHANISM – SDG&E

A. TOTAL REVENUE REQUIREMENT

As described in my testimony (Exhibit SDGE-33), SDG&E's post-test year (PTY) ratemaking mechanism proposes to adjust 2028 test-year (TY) authorized revenue requirement in the PTY's 2029, 2030, and 2031 for:

1. General O&M test-year cost forecast (labor and non-labor) escalated by S&P Global Market Intelligence's utility cost escalation factors forecast (Section B.1.);
2. Medical costs based on the WTW's actuarial forecast (Section B.2);
3. Test-year capital additions forecast escalated using S&P Global's utility cost escalation factors (Section C);
4. A budget-based exception for Wildfire Mitigation Plan Strategic Undergrounding capital additions forecast (Section E); and
5. An Earnings Sharing Mechanism that shares returns above or below authorized Rate of Return (ROR) with ratepayers and shareholders during the post-test years.

The base margin amounts adopted in SDG&E's TY 2028 are from the Summary of Earnings testimony (Exhibit SDGE-32) and utilized throughout these workpapers. Table 1 below summarizes the total revenue requirement associated with SDG&E's PTY ratemaking mechanism including Miscellaneous Revenues and Franchise Fees & Uncollectible (FF&U). FF&U is addressed in Section D.

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 1

Line No.	Description (\$ in millions)	2029*	2030*	2031*
	UPI (Labor/Non-Labor)	2.27%	2.40%	2.49%
	Medical Escalation Rates	6.00%	5.75%	5.25%
1	Total O&M Margin (excluding FFU)	1,120.6	1,147.4	1,176.0
2	Medical Expense	38.3	40.5	42.6
3	Capital Related Costs (Depreciation, Taxes, Return)	2,702.9	2,857.1	3,011.6
4	Total (L1 + L2 + L3)	3,861.7	4,045.0	4,230.2
5	FF&U (Electric = 3.91%, Gas = 2.67%)	134.2	135.3	136.4
6	Total Base Margin (L4 + L5)	3,996.0	4,180.3	4,366.6
7	Miscellaneous Revenues	44.0	44.0	44.0
8	Total Revenue Requirement (L6 + L7)	4,039.9	4,224.3	4,410.6
9	PTY Capital Exceptions Related Cost (Exc. FF&U)	32.4	70.5	120.9
10	PTY Capital Exceptions FF&U	1.2	2.6	4.5
11	Adjusted Total Revenue Requirement (L8 + L9 + L10)	4,073.5	4,297.5	4,536.0
12	Revenue Requirement Increase \$	325.3	223.9	238.5
13	Revenue Requirement Increase %	8.68%	5.50%	5.55%
<i>*Difference due to rounding.</i>				

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

B. OPERATION & MAINTENANCE (O&M) EXPENSES

The starting base for O&M escalation is the TY 2028 revenue requirement excluding miscellaneous revenues, capital-related margin, medical expense, and FF&U (O&M Margin). O&M expenses are determined in total for the electric distribution, electric generation and gas rate components. Medical costs are escalated separately.

1. Escalation of O&M (excluding medical): For simplicity in calculating PTY escalation, a gas and electric O&M utility input price index (GEOMPI) is used to adjust O&M expenses to reflect the expected cost inflation of goods and services that SDG&E will incur to serve its customers. The calculation of GEOMPI is described in the Escalation and Gas Customer Forecast testimony (Exhibit SCG-20/SDGE-24). The PTY O&M revenue requirement prior to FF&U gross up is calculated below in Table 2 (differences due to rounding):

Table 2

Line No.	O&M Expense Adjustment (\$ in millions)	TY-2028	2029	2030	2031
1	Prior Year O&M Margin		\$1,095.7	\$1,120.6	\$1,147.4
2	O&M Escalation Rate		2.27%	2.40%	2.49%
3	Attrition-year O&M Escalation (L1* L2)		\$24.8	\$26.8	\$28.6
4	O&M Expense (L1+ L3)	\$1,095.7	\$1,120.6	\$1,147.4	\$1,176.0

2. Escalation of Medical Costs: Medical costs adopted in SDG&E's Test Year 2028 will be escalated annually using the WTW medical escalation projections as discussed in the Compensation & Benefits testimony (Ex. SCG-16/SDGE-20) and the Pension and PBOP testimony (Ex. SCG-17/SDGE-21). The associated revenue requirement prior to FF&U gross up is calculated in Table 3 below (differences due to rounding):

Table 3

Line No.	Medical Cost Adjustment (\$ in millions)	TY-2028	2029	2030	2031
1	Prior Year Medical Expense		\$36.1	\$38.3	\$40.5
2	Medical Escalation Rate		6.00%	5.75%	5.25%
3	Attrition-year Medical Escalation (L1* L2)		\$2.2	\$2.2	\$2.1
4	Medical Expense (L1+ L3)	\$36.1	\$38.3	\$40.5	\$42.6

C. CAPITAL-RELATED COSTS

1. Test-Year Capital Additions: This section describes the development of PTY plant additions and other PTY rate base changes to determine the capital-related revenue requirement (authorized return, depreciation expense, taxes and gross up)

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

for the electric distribution (ED), electric generation (EG) and gas distribution (GD) rate components. The forecasted (2028) rate base components, plant additions and plant retirements are from the SDG&E Rate Base testimony and workpapers (Exhibit SDGE-28 and SDGE-28-WP). SDG&E escalates the test-year capital additions to determine PTY capital additions. Incremental depreciation and amortization reserve and deferred taxes are also calculated to determine the rate base for the attrition-year. The change in year-over-year rate base is used to calculate the capital costs components of the revenue requirement. The capital-related revenue requirement is shown in Table 4 below (differences due to rounding):

Table 4¹

Line No.	Capital-Related Attrition (\$ in millions)	TY-2028	2029	2030	2031
1	Prior Year Capital-Related Costs		\$2,535.2	\$2,735.3	\$2,927.7
2	Capital-Related Attrition		\$200.1	\$192.4	\$204.8
3	Capital-Related Costs (L1+ L2)	\$2,535.2	\$2,735.3	\$2,927.7	\$3,132.5

The development of the PTY rate base and the derivation of individual revenue requirement components are described in detail below.

2. Weighted Average (WAVG) Rate Base (Tables 5, 7, 9): The starting point in developing WAVG rate base for each attrition-year is the prior year plant-in-service, accumulated depreciation reserve and accumulated amortization reserve. WAVG plant additions are added and plant retirements are subtracted to determine net plant additions. Changes to the net depreciation and net amortization reserve and accumulated deferred tax reserve are calculated as further described below.

a) Weighted Net Plant Additions:

- 1) Plant additions (Table 6, 8, 10: Lines 10, 11-13) for the PTY are calculated using test-year capital additions. These test-year capital additions are then escalated to 2029, 2030, and 2031 dollars using S&P Global's indices, as described in Escalation & Gas Customer Forecast testimony (Ex. SCG-20/SDGE-24). The test-year excludes certain programs to prevent double counting when determining post-test year capital additions.²

¹ Excludes the impact of the Senate Bill 254-related equity exclusion discussed in the Summary of Earnings testimony (Ex. SDGE-32).

² WMP Strategic Undergrounding.

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

- 2) Plant retirements (Table 6, 8, 10: Lines 10, 14-16) for the PTY are calculated using test-year plant retirements. These test-year plant retirements are then escalated to 2029, 2030 and 2031 dollars using S&P Global's indices, as described in the Escalation & Gas Customer Forecast testimony (Ex. SCG-20/SDGE-24). The test-year excludes certain programs to prevent double counting when determining post-test year plant retirements.³
 - 3) WAVG Net Plant Additions (Table 6, 8, 10: Lines 1-3, 17): Each PTY's WAVG net plant additions is calculated using the ratio of the prior year WAVG net plant additions balance to the prior year end-of-year (EOY) net plant additions balance multiplied by the attrition-year's EOY net plant additions.
- b) Change in Accumulated Depreciation Reserve (Tables 6, 8, 10: Lines 4-6): Each PTY's WAVG net depreciation reserve is calculated using the ratio of the prior year WAVG net depreciation reserve to the prior year EOY net depreciation reserve multiplied by the attrition-year's EOY net depreciation reserve. Net depreciation reserve includes annual retirements, cost of removal, and salvage.
- c) Change in Net Amortization Reserve (Tables 6, 8, 10: Lines 7-9): Each PTY's WAVG net amortization reserve is calculated using the ratio of the prior year WAVG net amortization reserve to the prior year EOY net amortization reserve multiplied by the attrition-year's EOY net amortization reserve.
- d) Change in Accumulated Deferred Tax Reserve (Tables 5, 7: Line 12, Table 9: Line 13): Each PTY's WAVG accumulated deferred tax is calculated by multiplying the ratio of test year deferred taxes, adjusted for the phase down of bonus depreciation, to the test year WAVG plant in service by the PTY's WAVG plant in service.

³ WMP Strategic Undergrounding.

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

- e) Working Capital and Other (Tables 5, 7: Lines 3, 4, 7, Table 9: Lines 3, 4, 5, 8): SDG&E is not proposing to change the rate base elements of Fuel in Storage, Materials and Supplies, Working Cash, and Customer Advances for Construction from the Test Year 2028 amounts.
- f) Repair Deductions Rate Base Adjustment (Tables 5, 7: Line 6, Table 9: Line 7): SDG&E continues the amortization of this rate base adjustment as ordered in D.16-06-054, page 192.

The resulting WAVG Depreciated Rate Base and supporting calculations are shown in the tables 5-12 below.

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 5

San Diego Gas and Electric Company
WEIGHTED AVERAGE DEPRECIATED RATE BASE
ELECTRIC DISTRIBUTION
(Thousands of Dollars)

2028 RO Model						2029-2031 Attrition Year		
Source: Witness: Steven P. Dais / Exhibit SDG&E-28								
Line No.	Account Description	Recorded	Estimated Year		Test	PTY	PTY	PTY
			Year 2025	2026		2027	Year 2028	AY 2029
Fixed Capital								
1	Plant In Service	13,862,047	14,455,016	15,405,877	16,463,878	17,541,076	18,576,289	19,631,918
2	Total Fixed Capital	13,862,047	14,455,016	15,405,877	16,463,878	17,541,076	18,576,289	19,631,918
Working Capital								
3	Materials & Supplies	180,932	188,515	194,689	198,950	198,950	198,950	198,950
4	Working Cash	181,632	187,081	192,694	178,003	178,003	178,003	178,003
5	Total Working Capital	362,564	375,596	387,383	376,953	376,953	376,953	376,953
6	Repair Deductions Rate Base Adjustment (2016 - 2042)	(27,778)	(26,144)	(24,510)	(22,876)	(21,242)	(19,608)	(17,974)
7	Customer Advances For Construction	(18,526)	(19,030)	(18,581)	(18,131)	(18,131)	(18,131)	(18,131)
8	Total Other	(46,304)	(45,175)	(43,091)	(41,007)	(39,373)	(37,739)	(36,105)
Deductions For Reserves								
9	Accumulated Deferred Taxes - 2017 Tax Cuts & Jobs Act Adj	192,475	186,158	179,202	171,582	163,961	156,341	148,720
10	Accumulated Depreciation Reserve	4,844,395	5,018,016	5,376,621	5,750,756	6,148,487	6,570,938	7,017,849
11	Accumulated Amortization Reserve	541,053	578,738	712,194	859,537	1,019,914	1,190,252	1,370,450
12	Accumulated Deferred Taxes	403,251	405,712	398,025	391,891	417,532	442,173	467,300
13	Total Deductions For Reserves	5,981,174	6,188,624	6,666,042	7,173,766	7,749,894	8,359,703	9,004,320
14	Weighted Average Depreciated Rate Base	8,197,133	8,596,814	9,084,126	9,626,058	10,128,763	10,555,800	10,968,446
15	Total Weighted Average Rate Base		8,596,814	9,084,126	9,626,058	10,128,763	10,555,800	10,968,446

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 6

San Diego Gas and Electric Company
WAVG Rate Base Support: Capital Additions, Capital Retirements, Net Depreciation and Amortization Reserve
ELECTRIC DISTRIBUTION
(Thousands of Dollars)

2028 RO Model			2029-2031 Attrition Year									
Line		2028		2029			2030			2031		
No.	Description	End of Year	WAVG	End of Year	WAVG	WAVG Increase	End of Year	WAVG	WAVG Increase	End of Year	WAVG	WAVG Increase
Plant-in-Service												
1	Beginning of the Year	15,995,037	15,995,037	17,108,705	17,108,705	1,113,668	18,135,744	18,135,744	1,027,039	19,182,197	19,182,197	1,046,453
2	Net Plant Additions	1,113,668	468,841	1,027,039	432,371	(36,470)	1,046,453	440,544	8,173	1,068,250	449,720	9,176
3	Total	17,108,705	16,463,878	18,135,744	17,541,076	1,077,198	19,182,197	18,576,289	1,035,212	20,250,447	19,631,918	1,055,629
Accumulated Depreciation Reserve												
4	Beginning of the Year	5,560,166	5,560,166	5,945,426	5,945,426	385,260	6,355,893	6,355,893	410,467	6,790,584	6,790,584	434,691
5	Net Depreciation Reserve	385,260	190,591	410,467	203,061	12,470	434,691	215,045	11,984	459,393	227,265	12,220
6	Total	5,945,426	5,750,756	6,355,893	6,148,487	397,730	6,790,584	6,570,938	422,451	7,249,978	7,017,849	446,912
Accumulated Amortization Reserve												
7	Beginning of the Year	781,627	781,627	936,907	936,907	155,279	1,102,346	1,102,346	165,439	1,277,548	1,277,548	175,203
8	Net Amortization Reserve	155,279	77,910	165,439	83,007	5,097	175,203	87,906	4,899	185,159	92,901	4,995
9	Total	936,907	859,537	1,102,346	1,019,914	160,377	1,277,548	1,190,252	170,338	1,462,707	1,370,450	180,198
		Forecast 2028 (2028\$)	PTY 2030		2031							
10	Escalation Rates to 2028\$	0.000%	1.743%	1.890%	2.083%							
11	Capital Additions (Table 11)	1,159,668										
12	Capital Additions (2028\$)	1,159,668										
13	Capital Additions Test Year	1,159,668	1,179,883	1,202,186	1,227,226							
14	Capital Retirements (Table 12)	150,225										
15	Capital Retirements (2028\$)	150,225										
16	Capital Retirements Test Year	150,225	152,844	155,733	158,977							
17	Net Plant Additions for Ratebase		1,027,039	1,046,453	1,068,250							

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 7

San Diego Gas and Electric Company
WEIGHTED AVERAGE DEPRECIATED RATE BASE
ELECTRIC GENERATION
(Thousands of Dollars)

2028 RO Model						2029-2031 Attrition Year		
Source: Witness: Steven P. Dais / Exhibit SDG&E-28								
Line No.	Account Description	Recorded			Test	PTY	PTY	PTY
		Year	Estimated Year		Year	A Y	A Y	A Y
		2025	2026	2027	2028	2029	2030	2031
Fixed Capital								
1	Plant In Service	1,177,055	1,327,227	1,348,090	1,370,843	1,387,361	1,393,533	1,399,749
2	Total Fixed Capital	1,177,055	1,327,227	1,348,090	1,370,843	1,387,361	1,393,533	1,399,749
Working Capital								
3	Materials & Supplies	35,853	36,637	37,124	37,508	37,508	37,508	37,508
4	Working Cash	20,336	20,946	21,574	18,222	18,222	18,222	18,222
5	Total Working Capital	56,189	57,583	58,698	55,730	55,730	55,730	55,730
6	Repair Deductions Rate Base Adjustment (2016 - 2042)	-	-	-	-	-	-	-
7	Customer Advances For Construction	-	-	-	-	-	-	-
8	Total Other	-	-	-	-	-	-	-
Deductions For Reserves								
9	Accumulated Deferred Taxes - 2017 Tax Cuts & Jobs Act Adj	22,079	21,509	20,961	20,461	19,960	19,460	18,959
10	Accumulated Depreciation Reserve	775,372	856,113	903,418	946,748	987,365	1,028,317	1,069,451
11	Accumulated Amortization Reserve	3,274	37,028	45,166	54,220	63,930	73,719	83,583
12	Accumulated Deferred Taxes	38,285	36,630	31,344	25,738	26,048	26,164	26,281
13	Total Deductions For Reserves	839,010	951,280	1,000,889	1,047,167	1,097,303	1,147,659	1,198,274
14	Weighted Average Depreciated Rate Base	394,234	433,529	405,898	379,407	345,788	301,604	257,205
15	Total Weighted Average Rate Base		433,529	405,898	379,407	345,788	301,604	257,205

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 8

San Diego Gas and Electric Company
WAVG Rate Base Support: Capital Additions, Capital Retirements, Net Depreciation and Amortization Reserve
ELECTRIC GENERATION
(Thousands of Dollars)

		2028 RO Model		2029-2031 Attrition Year								
Line		2028		2029			2030			2031		
No.	Description	End of Year	WAVG	End of Year	WAVG	WAVG Increase	End of Year	WAVG	WAVG Increase	End of Year	WAVG	WAVG Increase
Plant-in-Service												
1	Beginning of the Year	1,365,017	1,365,017	1,385,618	1,385,618	20,602	1,391,781	1,391,781	6,162	1,397,977	1,397,977	6,197
2	Net Plant Additions	20,602	5,826	6,162	1,743	(4,084)	6,197	1,752	10	6,264	1,772	19
3	Total	1,385,618	1,370,843	1,391,781	1,387,361	16,518	1,397,977	1,393,533	6,172	1,404,242	1,399,749	6,216
Accumulated Depreciation Reserve												
4	Beginning of the Year	926,524	926,524	966,898	966,898	40,374	1,007,758	1,007,758	40,860	1,048,800	1,048,800	41,042
5	Net Depreciation Reserve	40,374	20,224	40,860	20,467	244	41,042	20,558	91	41,225	20,650	92
6	Total	966,898	946,748	1,007,758	987,365	40,618	1,048,800	1,028,317	40,951	1,090,026	1,069,451	41,134
Accumulated Amortization Reserve												
7	Beginning of the Year	49,375	49,375	59,026	59,026	9,651	68,793	68,793	9,767	78,604	78,604	9,811
8	Net Amortization Reserve	9,651	4,845	9,767	4,904	58	9,811	4,926	22	9,918	4,979	54
9	Total	59,026	54,220	68,793	63,930	9,709	78,604	73,719	9,789	88,522	83,583	9,865
		Forecast	PTY									
		2028 (2028\$)	2029	2030	2031							
10	Escalation Rates to 2028\$	0.000%	0.651%	0.557%	1.092%							
11	Capital Additions (Table 11)	15,698										
12	Capital Additions (2028\$)	15,698										
13	Capital Additions Test Year	15,698	15,800	15,888	16,061							
14	Capital Retirements (Table 12)	9,575										
15	Capital Retirements (2028\$)	9,575										
16	Capital Retirements Test Year	9,575	9,637	9,691	9,797							
17	Net Plant Additions for Ratebase		6,162	6,197	6,264							

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 9

San Diego Gas and Electric Company
WEIGHTED AVERAGE DEPRECIATED RATE BASE
GAS DISTRIBUTION
(Thousands of Dollars)

2028 RO Model						2029-2031 Attrition Year		
Source: Witness: Steven P. Dais / Exhibit SDG&E-28								
Line No.	Account Description	Recorded	Estimated Year		Test	PTY		PTY
		Year	Year		Year	AY	AY	AY
		2025	2026	2027	2028	2029	2030	2031
Fixed Capital								
1	Plant In Service	5,186,271	5,426,141	5,690,570	6,040,451	6,505,415	6,982,020	7,467,360
2	Total Fixed Capital	5,186,271	5,426,141	5,690,570	6,040,451	6,505,415	6,982,020	7,467,360
Working Capital								
3	Fuel in Storage	453	453	453	453	453	453	453
4	Materials & Supplies	23,180	23,244	23,162	23,321	23,321	23,321	23,321
5	Working Cash	30,267	31,176	32,111	46,164	46,164	46,164	46,164
6	Total Working Capital	53,901	54,873	55,726	69,938	69,938	69,938	69,938
7	Repair Deductions Rate Base Adjustment (2016 - 2042)	-	-	-	-	-	-	-
8	Customer Advances For Construction	(2,289)	(1,826)	(1,694)	(1,563)	(1,563)	(1,563)	(1,563)
9	Total Other	(2,289)	(1,826)	(1,694)	(1,563)	(1,563)	(1,563)	(1,563)
Deductions For Reserves								
10	Accumulated Deferred Taxes - 2017 Tax Cuts & Jobs Act Adj	64,004	62,696	61,249	59,663	58,077	56,491	54,905
11	Accumulated Depreciation Reserve	1,599,807	1,722,426	1,840,535	1,966,949	2,107,322	2,258,235	2,419,918
12	Accumulated Amortization Reserve	208,233	239,179	291,380	346,646	405,664	469,111	535,415
13	Accumulated Deferred Taxes	359,461	353,919	348,047	377,154	406,185	435,944	466,247
14	Total Deductions For Reserves	2,231,505	2,378,220	2,541,211	2,750,412	2,977,248	3,219,781	3,476,486
15	Weighted Average Depreciated Rate Base	3,006,377	3,100,968	3,203,390	3,358,414	3,596,542	3,830,614	4,059,249
16	Total Weighted Average Rate Base		3,100,968	3,203,390	3,358,414	3,596,542	3,830,614	4,059,249

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 10

San Diego Gas and Electric Company
WAVG Rate Base Support: Capital Additions, Capital Retirements, Net Depreciation and Amortization Reserve
GAS DISTRIBUTION
(Thousands of Dollars)

		2028 RO Model		2029-2031 Attrition Year								
Line		2028		2029			2030			2031		
No.	Description	End of Year	WAVG	End of Year	WAVG	WAVG Increase	End of Year	WAVG	WAVG Increase	End of Year	WAVG	WAVG Increase
Plant-in-Service												
1	Beginning of the Year	5,851,260	5,851,260	6,310,500	6,310,500	459,240	6,783,634	6,783,634	473,134	7,265,193	7,265,193	481,558
2	Net Plant Additions	459,240	189,191	473,134	194,915	5,724	481,558	198,385	3,470	490,738	202,167	3,782
3	Total	6,310,500	6,040,451	6,783,634	6,505,415	464,964	7,265,193	6,982,020	476,605	7,755,931	7,467,360	485,340
Accumulated Depreciation Reserve												
4	Beginning of the Year	1,900,940	1,900,940	2,036,231	2,036,231	135,291	2,181,936	2,181,936	145,705	2,338,316	2,338,316	156,380
5	Net Depreciation Reserve	135,291	66,009	145,705	71,091	5,081	156,380	76,299	5,208	167,250	81,603	5,304
6	Total	2,036,231	1,966,949	2,181,936	2,107,322	140,372	2,338,316	2,258,235	150,913	2,505,566	2,419,918	161,684
Accumulated Amortization Reserve												
7	Beginning of the Year	318,056	318,056	374,873	374,873	56,818	436,064	436,064	61,191	501,739	501,739	65,674
8	Net Amortization Reserve	56,818	28,590	61,191	30,791	2,201	65,674	33,046	2,256	66,926	33,676	630
9	Total	374,873	346,646	436,064	405,664	59,018	501,739	469,111	63,447	568,665	535,415	66,304
		Forecast 2028 (2028\$)	PTY 2029		2030		2031					
10	Escalation Rates to 2028\$	0.000%	1.749%	1.781%	1.906%							
11	Capital Additions (Table 11)	476,014										
12	Capital Additions (2028\$)	476,014										
13	Capital Additions Test Year	476,014	484,338	492,961	502,359							
14	Capital Retirements (Table 12)	11,011										
15	Capital Retirements (2028\$)	11,011										
16	Capital Retirements Test Year	11,011	11,204	11,403	11,620							
17	Net Plant Additions for Ratebase		473,134	481,558	490,738							

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 11

**SAN DIEGO GAS & ELECTRIC
RECORDED & FORECASTED CAPITAL ADDITIONS BY FUNCTION
(Thousands of Dollars)**

		FORECASTS	EXCLUSIONS FOR POST-TEST YEAR CAPITAL EXCEPTIONS	ADJUSTED FORECASTS
		2028	2028	2028
Asset ID	Description/Function			
10	Steam Production Land	-	-	-
20	Steam Production Easements	-	-	-
30	Steam Production Other	-	-	-
35	Steam Generation IT Hardware	-	-	-
36	Steam Generation Software 2 - 5 Year Life	-	-	-
36	Steam Generation Software 2 - 5 Year Life - Fully Recovered	-	-	-
37	Steam Generation Software 10 - 15 Year Life	-	-	-
37	Steam Generation Software 10 - 15 Year Life - Fully Recovered	-	-	-
40	Other Production Land	-	-	-
50	Other Production Easements	-	-	-
60	Other Production Other	13,035	-	13,035
65	Other Production IT Hardware	-	-	-
66	Other Production Software 2 - 5 Year Life	-	-	-
66	Other Production Software 2 - 5 Year Life - Fully Recovered	-	-	-
67	Other Production Software 10 - 15 Year Life	-	-	-
67	Other Production Software 10 - 15 Year Life - Fully Recovered	-	-	-
70	Electric Transmission Assigned to Generation	-	-	-
80	Electric Distribution Assigned to Generation	-	-	-
90	Nuclear Generation	-	-	-
100	Electric Distribution Software 2 - 5 Year Life	34,325	-	34,325
100	Electric Distribution Software 2 - 5 Year Life - Fully Recovered	-	-	-
105	Electric Distribution Software 10 - 15 Year Life	-	-	-
105	Electric Distribution Software 10 - 15 Year Life - Fully Recovered	-	-	-
106	Electric Distribution Franchises	-	-	-
107	Electric Distribution IT Hardware	-	-	-
110	Electric Distribution Land	-	-	-
120	Electric Distribution Easements	5,929	-	5,929
130	Electric Distribution Other	1,003,648	165,300	838,348
140	Electric Generation Assigned to Electric Distribution	1,043,902	165,300	878,602
150	Electric Transmission Land Assigned to Electric Distribution	-	-	-
151	Electric Transmission Easement Assigned to Electric Distribution	-	-	-
152	Electric Transmission Other Assigned to Electric Distribution	-	-	-
500	Energy Storage Software 2 - 5 Year Life	-	-	-
500	Energy Storage Software 2 - 5 Year Life - Fully Recovered	-	-	-
510	Energy Storage Software 10 - 15 Year Life	-	-	-
510	Energy Storage Software 10 - 15 Year Life - Fully Recovered	-	-	-
520	Energy Storage IT Hardware	-	-	-
530	Energy Storage Land	-	-	-
540	Energy Storage Easements	-	-	-
550	Energy Storage Other	-	-	-
160	Electric General Land & Non Depreciables	-	-	-
161	Electric General Software 2 - 5 Year Life	10,476	-	10,476
161	Electric General Software 2 - 5 Year Life - Fully Recovered	-	-	-
162	Electric General Software 10 - 15 Year Life	-	-	-
162	Electric General Software 10 - 15 Year Life - Fully Recovered	-	-	-
163	Electric General IT Hardware	1,760	-	1,760
170	Electric General Other	72,130	-	72,130
180	Gas Storage Land	84,365	-	84,365
190	Gas Storage Other	-	-	-
200	Gas Transmission Land	-	-	-
210	Gas Transmission Easements	-	-	-
220	Gas Transmission Other	193,560	-	193,560
230	Gas Distribution Software & Franchises	193,560	-	193,560
230	Gas Distribution Software & Franchises - Fully Recovered	-	-	-
240	Gas Distribution & General Land	-	-	-
250	Gas Distribution & General Easements	-	-	-
260	Gas Distribution & General Other	201,713	-	201,713
270	Common Software 2 - 5 Year Life	201,713	-	201,713
270	Common Software 2 - 5 Year Life - Fully Recovered	205,050	-	205,050
280	Common Software 10 - 15 Year Life	-	-	-
280	Common Software 10 - 15 Year Life - Fully Recovered	-	-	-
290	Common Land & Non-Depreciable Easements	-	-	-
300	Common IT Hardware	19,889	-	19,889
310	Common Other	54,702	-	54,702
315	Common Transportation Equip - Aviation	463	-	463
Total		1,816,680	165,300	1,651,380
Allocation of Common IT:				
Electric Generation		2,376	-	2,663
Electric Distribution		205,673	-	196,701
Gas		72,055	-	80,741
		280,104	-	280,104
Description/Function Asset ID		2028	2028	2028
Electric Distribution	100+110+120+130+140+150+151+152+160+170+Common IT	1,333,940	165,300	1,159,668
Electric Generation	10+20+30+40+50+60+70+80+Common IT	15,411	-	15,698
Gas Distribution	180+190+200+210+220+230+240+250+260+Common IT	467,328	-	476,014
		1,816,680	165,300	1,651,380

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 12

**SAN DIEGO GAS & ELECTRIC
CAPITAL RETIREMENTS BY FUNCTION
(Thousands of Dollars)**

		FORECASTS	EXCLUSIONS FOR POST- TEST YEAR CAPITAL EXCEPTIONS	ADJUSTED FORECASTS
		2028	2028	2028
Asset ID	Description/Function			
10	Steam Production Land	-	-	-
20	Steam Production Easements	-	-	-
30	Steam Production Other	127	-	127
35	Steam Generation IT Hardware	-	-	-
36	Steam Generation Software 2 - 5 Year Life	-	-	-
36	Steam Generation Software 2 - 5 Year Life - Fully Recovered	-	-	-
37	Steam Generation Software 10 - 15 Year Life	-	-	-
37	Steam Generation Software 10 - 15 Year Life - Fully Recovered	-	-	-
		127	-	127
40	Other Production Land	-	-	-
50	Other Production Easements	-	-	-
60	Other Production Other	7,392	-	7,392
65	Other Production IT Hardware	-	-	0
66	Other Production Software 2 - 5 Year Life	-	-	0
66	Other Production Software 2 - 5 Year Life - Fully Recovered	-	-	0
67	Other Production Software 10 - 15 Year Life	-	-	0
67	Other Production Software 10 - 15 Year Life - Fully Recovered	-	-	0
		7,392	-	7,392
70	Electric Transmission Assigned to Generation	-	-	-
80	Electric Distribution Assigned to Generation	-	-	-
90	Nuclear Generation	-	-	-
100	Electric Distribution Software 2 - 5 Year Life	-	-	-
100	Electric Distribution Software 2 - 5 Year Life - Fully Recovered	-	-	-
105	Electric Distribution Software 10 - 15 Year Life	-	-	-
105	Electric Distribution Software 10 - 15 Year Life - Fully Recovered	-	-	-
106	Electric Distribution Franchises	-	-	-
107	Electric Distribution IT Hardware	-	-	-
110	Electric Distribution Land	-	-	-
120	Electric Distribution Easements	915	-	915
130	Electric Distribution Other	115,075	-	115,075
		115,989	-	115,989
140	Electric Generation Assigned to Electric Distribution	-	-	-
150	Electric Transmission Land Assigned to Electric Distribution	-	-	-
151	Electric Transmission Easement Assigned to Electric Distribution	-	-	-
152	Electric Transmission Other Assigned to Electric Distribution	-	-	-
		-	-	-
160	Electric General Land & Non Depreciables	-	-	-
161	Electric General Software 2 - 5 Year Life	-	-	-
161	Electric General Software 2 - 5 Year Life - Fully Recovered	-	-	-
162	Electric General Software 10 - 15 Year Life	-	-	-
162	Electric General Software 10 - 15 Year Life - Fully Recovered	-	-	-
163	Electric General IT Hardware	-	-	-
170	Electric General Other	1,976	-	1,976
		1,976	-	1,976
180	Gas Storage Land	-	-	-
190	Gas Storage Other	-	-	-
		-	-	-
200	Gas Transmission Land	-	-	-
210	Gas Transmission Easements	3	-	3
220	Gas Transmission Other	935	-	935
		938	-	938
230	Gas Distribution Software & Franchises	-	-	-
230	Gas Distribution Software & Franchises - Fully Recovered	-	-	-
240	Gas Distribution & General Land	-	-	-
250	Gas Distribution & General Easements	18	-	18
260	Gas Distribution & General Other	7,690	-	7,690
		7,708	-	7,708
270	Common Software 2 - 5 Year Life	-	-	-
270	Common Software 2 - 5 Year Life - Fully Recovered	-	-	-
280	Common Software 10 - 15 Year Life	-	-	-
280	Common Software 10 - 15 Year Life - Fully Recovered	-	-	-
290	Common Land & Non-Depreciable Easements	-	-	-
300	Common IT Hardware	3,613	-	3,613
310	Common Other	33,068	-	33,068
315	Common Transportation Equip - Aviation	-	-	0
		36,681	-	36,681
Total		170,811	-	170,811
Allocation of Common IT:				
Electric Generation		2,056	-	2,056
Electric Distribution		32,260	-	32,260
Gas		2,365	-	2,365
		36,681	-	36,681
Description/Function	Asset ID	2028	2028	2028
Electric Distribution	100+110+120+130+140+150+151+152+160+170+Common IT	150,225	-	150,225
Electric Generation	10+20+30+40+50+60+70+80+Common IT	9,575	-	9,575
Gas Distribution	180+190+200+210+220+230+240+250+260+Common IT	11,011	-	11,011
Total Retirements by Major Function		170,811	-	170,811

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

3. Capital-Related Revenue Requirement Calculations: The capital-related revenue requirement components for each attrition-year are calculated using the methodology described below:
- a) Depreciation Expense (Tables 14, 17, 20: Lines 1-7): Depreciation expense is calculated by multiplying the current PTY plant-in-service weighted average increase by the TY's system average depreciation rate (ED 4.76%, EG 4.48%, GD 3.73%).
 - b) Ad Valorem Tax (Tables 14, 17, 20: Lines 8-14): Ad Valorem Tax is calculated by multiplying the current attrition-year additions by the TY's system ad valorem tax rate (ED 1.11%, EG 0.63%, GD 1.05%).
 - c) State Tax Depreciation (Tables 14, 17, 20: Lines 15-23): State Tax Depreciation income tax expense is calculated by multiplying the current attrition-year additions by the TY's system average state tax depreciation rate (ED 3.00%, EG 2.66%, GD 2.24%) and by the state income tax rate (8.84%).
 - d) Payroll Tax (Tables 14, 17, 20: Lines 24-28): Payroll Tax is calculated by multiplying the prior year payroll taxes by the current attrition-year labor escalation rate forecasted by S&P Global (2.92% 2029, 2.87% 2030, 2.90% 2031).
 - e) Federal Tax Depreciation (Tables 15, 18, 21: Lines 1-9): Federal Tax Depreciation income tax expense is calculated by multiplying current attrition-year additions by the TY's system average federal tax depreciation rate (ED 3.10%, EG 2.37%, GD 2.34%) and by the federal income tax rate (21%).
 - f) California Corporation Franchise Tax (Prior Year) (Tables 15, 18, 21: Lines 10-28): Prior Year's state income tax is a deduction for federal income tax purposes.
 - g) Long-Term Debt Cost (Tables 16, 19, 22: Lines 4-10): Long-Term Debt Cost is calculated by multiplying the attrition-year change in WAVG rate base by the authorized weighted cost of Long-Term Debt.

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

- h) Preferred Stock Cost (Tables 16, 19, 22: Lines 11-17): Preferred Stock Cost is calculated by multiplying the attrition-year change in WAVG rate base by the authorized weighted return on Preferred Stock.
- i) Common Equity Cost (Tables 16, 19, 22: Lines 18-24): Common Equity Cost is calculated by multiplying the attrition-year change in WAVG rate base by the authorized weighted return on Common Equity.
- j) Gross Ups: All revenue requirement components which are not directly deductible for income taxes are grossed up for income taxes by factors shown in Table 13. These components are Book Depreciation, State Tax Depreciation, Federal Tax Depreciation, Preferred Stock Cost, Common Equity Cost, and California Corporation Franchise Tax (Prior Year). All revenue requirement components are grossed up for FF&U, as described in Section D.

D. FRANCHISE FEES AND UNCOLLECTIBLE GROSS UP

All revenue requirement components are grossed up for FF&U using the franchise fee factors of 3.22% (electric) and 2.05% (gas), and the uncollectible factor of 0.564% (electric and gas). The calculations of the gross up factors (Table 13) are from the TY 2028 GRC Results of Operations (RO) Model.

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 13

SAN DIEGO GAS & ELECTRIC COMPANY
TEST YEAR 2028
NET-TO-GROSS MULTIPLIER

Line No.	Description	Uncollectible and Franchise Fee Factor		State & Federal Tax Factor	N-T-G Multiplier	
		Electric	Gas		Electric	Gas
1	Revenues	1.000000	1.000000	1.000000	1.000000	1.000000
2	Uncollectible Tax Rate	0.005640	0.005640	0.000000	0.005640	0.005640
3	Uncollectible Amount Applied	1.000000	1.000000	1.000000	1.000000	1.000000
4	Less: Uncollectible (Line 2 * Line 3)	0.005640	0.005640	0.000000	0.005640	0.005640
5	Subtotal (Line 3 - Line 4)	0.994360	0.994360	1.000000	0.994360	0.994360
6	Franchise Fees Tax Rate	0.032177	0.020497	0.000000	0.032177	0.911600
7	Franchise Fees Amount Applied (Line 5)	0.994360	0.994360	1.000000	0.994360	0.911600
8	Less: Franchise Fees (Line 6 * Line 7)	0.031996	0.020381	0.000000	0.031996	0.911600
9	Subtotal (Line 7 - Line 8)	0.962365	0.973979	1.000000	0.962365	0.911600
10	S.I.T. Rate			0.088400	0.088400	0.088400
11	S.I.T. Amount Applied (Line 9)			1.000000	0.962365	0.973979
12	Less: S.I.T. (Line 10 * Line 11)			0.088400	0.085073	0.086100
13	Subtotal (Line 11 - Line 12)			0.911600	0.877292	0.887879
14	F.I.T. Rate			0.210000	0.210000	0.210000
15	F.I.T. Amount Applied (Line 13)			0.911600	0.877292	0.887879
16	Less: F.I.T. (Line 14 * Line 15)			0.191436	0.184231	0.186455
17	Net Operating Revenues (Line 15 - Line 16)			0.720164	0.693060	0.701424
18	Uncollectible and Franchise Fee Factor (1 / Line 9)	1.039107	1.026717			
19	State & Federal Tax Factor (1 / Line 17)			1.388573		
20	N-T-G Multiplier (1 / Line 17)				1.4428759	1.425671

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 14

SAN DIEGO GAS & ELECTRIC
2028 CPUC General Rate Case (Application)
Electric Distribution
Calculation of Revenue Requirement Increase
Depreciation Expense, State Tax Depreciation, Ad Valorem Taxes, & Payroll Taxes
(Thousands of Dollars)

Line No.	Description	TY 2028	PTY 2029	PTY 2030	PTY 2031
<u>Depreciation Expense</u>					
1	Test Year (TY) Accrual	784,002			
2	/ TY Weighted Average (WAVG) Plant-in-Service	<u>16,463,878</u>			
3	= System Average Depreciation Rate	4.76%	4.76%	4.76%	4.76%
4	x Plant in Service Weighted Average Increase		<u>1,077,198</u>	<u>1,035,212</u>	<u>1,055,629</u>
5	= Increase in Depreciation Expense		51,296	49,296	50,269
6	x Net-to-Gross Multiplier	1.442876	<u>1.442876</u>	<u>1.442876</u>	<u>1.442876</u>
7	= Increase in Revenue Requirement		<u>74,013</u>	<u>71,128</u>	<u>72,531</u>
<u>Ad Valorem Taxes</u>					
8	TY Ad Valorem Taxes	189,518			
9	/ TY Plant In Service	<u>17,108,705</u>			
10	= System Average Ad Valorem Tax Rate	1.11%	1.11%	1.11%	1.11%
11	x Current Attrition Year Additions		<u>1,027,039</u>	<u>1,046,453</u>	<u>1,068,250</u>
12	= Increase to Ad Valorem Taxes		11,377	11,592	11,833
13	x FF&U Factor	1.039107	<u>1.039107</u>	<u>1.039107</u>	<u>1.039107</u>
14	= Increase in Revenue Requirement		<u>11,822</u>	<u>12,045</u>	<u>12,296</u>
<u>State Regulatory Tax Depreciation</u>					
15	TY State Tax Depreciation	512,805			
16	/ TY Plant In Service	<u>17,108,705</u>			
17	= System Average State Tax Depreciation Rate	3.00%	3.00%	3.00%	3.00%
18	x Current Attrition Year Additions		<u>1,027,039</u>	<u>1,046,453</u>	<u>1,068,250</u>
19	= Increase in State Tax Depreciation Expense		30,784	31,366	32,019
20	x -State Income Tax Rate	(0.0884)	<u>(0.0884)</u>	<u>(0.0884)</u>	<u>(0.0884)</u>
21	= State Income Taxes		(2,721)	(2,773)	(2,830)
22	x Net-to-Gross Multiplier	1.442876	<u>1.442876</u>	<u>1.442876</u>	<u>1.442876</u>
23	= Decrease in Revenue Requirement		<u>(3,926)</u>	<u>(4,001)</u>	<u>(4,084)</u>
<u>Payroll Taxes</u>					
24	Prior Year Payroll Taxes		13,973	14,381	14,794
25	x Current Year Labor Escalation Rate		<u>2.92%</u>	<u>2.87%</u>	<u>2.90%</u>
26	= Increase in Full Year Additions		409	412	429
27	x FF&U Factor		<u>1.039107</u>	<u>1.039107</u>	<u>1.039107</u>
28	= Increase in Revenue Requirement		<u>425</u>	<u>429</u>	<u>445</u>

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 15

SAN DIEGO GAS & ELECTRIC
2028 CPUC General Rate Case (Application)
Electric Distribution
Calculation of Revenue Requirement Increase
Federal Tax Depreciation Expense & Prior Year CCFT
(Thousands of Dollars)

Line No.	Description	TY 2028	PTY 2029	PTY 2030	PTY 2031
<u>Federal Regulatory Tax Depreciation</u>					
1	TY Federal Tax Depreciation	530,756			
2	/ TY Plant-In-Service	<u>17,108,705</u>			
3	= System Average Federal Tax Depreciation Rate	3.10%	3.10%	3.10%	3.10%
4	x Current Attrition Year Additions		1,027,039	1,046,453	1,068,250
5	= Increase in Federal Tax Depreciation Expense		31,861	32,464	33,140
6	x -Federal Income Tax Rate	(0.2100)	(0.2100)	(0.2100)	(0.2100)
7	= Federal Income Taxes		(6,691)	(6,817)	(6,959)
8	x Net-to-Gross Multiplier	1.442876	1.442876	1.442876	1.442876
9	= Decrease in Revenue Requirement		<u>(9,654)</u>	<u>(9,837)</u>	<u>(10,041)</u>
<u>California Corporation Franchise Tax (Prior Year)</u>					
10	+ RevReq from Book Depreciation			74,013	71,128
11	+ RevReq from State Tax Depreciation			(3,926)	(4,001)
12	+ RevReq from Federal Tax Depreciation (ACRS, MACRS)			(9,654)	(9,837)
13	+ Rate Base: Preferred Stock			1,233	1,047
14	+ Rate Base: Common Stock Equity			37,428	31,794
15	+ CCFT			<u>(736)</u>	<u>(1,810)</u>
16	= Revenue Requirement Increase			98,357	88,322
17	x Prior Year State Income Tax Cumulative Component			<u>0.088400</u>	<u>0.088400</u>
18	= Prior Year State Income Tax Increase			8,695	7,808
19	+ Prior Year State Income Tax (State Tax Depreciation Expense)			(2,721)	(2,773)
20	+ Prior Year State Income Tax (State Rate Change)			<u>-</u>	<u>-</u>
21	= Prior Year Total State Income Tax Increase			5,973	5,035
22	Prior Year Current California Corp Franchise Tax		44,102	50,076	55,111
23	- Prior Year CCFT Deductible for Federal Income Taxes		<u>41,672</u>	<u>44,102</u>	<u>50,076</u>
24	= Increase CCFT Deduction on Federal Income Taxes		2,430	5,973	5,035
25	x -Federal Income Tax Rate		(0.2100)	(0.2100)	(0.2100)
26	= Federal Income Taxes		(510)	(1,254)	(1,057)
27	x Net-To-Gross Multiplier		1.442876	1.442876	1.442876
28	= Decrease in Revenue Requirement		<u>(736)</u>	<u>(1,810)</u>	<u>(1,526)</u>

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 16

SAN DIEGO GAS & ELECTRIC
2028 CPUC General Rate Case (Application)
Electric Distribution
Calculation of Revenue Requirement Increase
Return on Rate Base
(Thousands of Dollars)

Line No.	Description	TY 2028	PTY 2029	PTY 2030	PTY 2031
<u>Change in Weighted Average Rate Base</u>					
1	TY WAVG Rate Base	9,626,058	9,626,058		
2	CY WAVG Rate Base		10,128,763	10,555,800	10,968,446
3	Change in WAVG Rate Base		502,705	427,037	412,647
<u>Long Term Debt</u>					
4	Prior Year Return on Debt	4.59%	4.59%	4.59%	4.59%
5	x Prior Year Debt Capitalization	45.25%	45.25%	45.25%	45.25%
6	= Prior Year Weighted Cost of Debt	2.08%	2.08%	2.08%	2.08%
7	x Change in WAVG Rate Base		502,705	427,037	412,647
8	= Change in Weighted Cost of Debt		10,456	8,882	8,583
9	x FF&U Factor	1.039107	1.039107	1.039107	1.039107
10	= Increase in Revenue Requirement		10,865	9,230	8,919
<u>Preferred Stock</u>					
11	Prior Year Return on Preferred Stock	6.22%	6.22%	6.22%	6.22%
12	x Prior Year Preferred Stock Capitalization	2.75%	2.75%	2.75%	2.75%
13	= Prior Year Weighted Cost of Preferred Stock	0.17%	0.17%	0.17%	0.17%
14	x Change in WAVG Rate Base		502,705	427,037	412,647
15	= Change in Weighted Cost of Preferred Stock		855	726	701
16	x Net-To-Gross Multiplier	1.442876	1.442876	1.442876	1.442876
17	= Increase in Revenue Requirement		1,233	1,047	1,012
<u>Common Equity</u>					
18	Prior Year Return on Common Equity	9.93%	9.93%	9.93%	9.93%
19	x Prior Year Common Equity Capitalization	52.00%	52.00%	52.00%	52.00%
20	= Prior Year Weighted Cost of Common Equity	5.16%	5.16%	5.16%	5.16%
21	x Change in WAVG Rate Base		502,705	427,037	412,647
22	= Change in Weighted Cost of Common Equity		25,940	22,035	21,293
23	x Net-To-Gross Multiplier	1.442876	1.442876	1.442876	1.442876
24	= Increase in Revenue Requirement		37,428	31,794	30,723
25	Total Increase in ED Revenue Requirement		121,468	110,026	110,275

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 17

SAN DIEGO GAS & ELECTRIC
2028 CPUC General Rate Case (Application)
Electric Generation
Calculation of Revenue Requirement Increase
Depreciation Expense, State Tax Depreciation, Ad Valorem Taxes, & Payroll Taxes
(Thousands of Dollars)

Line No.	Description	TY 2028	PTY 2029	PTY 2030	PTY 2031
<u>Depreciation Expense</u>					
1	Test Year (TY) Accrual	61,435			
2	/ TY Weighted Average (WAVG) Plant-in-Service	<u>1,370,843</u>			
3	= System Average Depreciation Rate	4.48%	4.48%	4.48%	4.48%
4	x Plant in Service Weighted Average Increase		<u>16,518</u>	<u>6,172</u>	<u>6,216</u>
5	= Increase in Depreciation Expense		740	277	279
6	x Net-to-Gross Multiplier	1.442876	<u>1.442876</u>	<u>1.442876</u>	<u>1.442876</u>
7	= Increase in Revenue Requirement		<u>1,068</u>	<u>399</u>	<u>402</u>
<u>Ad Valorem Taxes</u>					
8	TY Ad Valorem Taxes	8,725			
9	/ TY Plant In Service	<u>1,385,618</u>			
10	= System Average Ad Valorem Tax Rate	0.63%	0.63%	0.63%	0.63%
11	x Current Attrition Year Additions		<u>6,162</u>	<u>6,197</u>	<u>6,264</u>
12	= Increase to Ad Valorem Taxes		39	39	39
13	x FF&U Factor	1.039107	<u>1.039107</u>	<u>1.039107</u>	<u>1.039107</u>
14	= Increase in Revenue Requirement		<u>40</u>	<u>41</u>	<u>41</u>
<u>State Regulatory Tax Depreciation</u>					
15	TY State Tax Depreciation	36,808			
16	/ TY Plant In Service	<u>1,385,618</u>			
17	= System Average State Tax Depreciation Rate	2.66%	2.66%	2.66%	2.66%
18	x Current Attrition Year Additions		<u>6,162</u>	<u>6,197</u>	<u>6,264</u>
19	= Increase in State Tax Depreciation Expense		164	165	166
20	x -State Income Tax Rate	(0.0884)	<u>(0.0884)</u>	<u>(0.0884)</u>	<u>(0.0884)</u>
21	= State Income Taxes		(14)	(15)	(15)
22	x Net-to-Gross Multiplier	1.442876	<u>1.442876</u>	<u>1.442876</u>	<u>1.442876</u>
23	= Decrease in Revenue Requirement		<u>(21)</u>	<u>(21)</u>	<u>(21)</u>
<u>Payroll Taxes</u>					
24	Prior Year Payroll Taxes		1,974	2,032	2,090
25	x Current Year Labor Escalation Rate		<u>2.92%</u>	<u>2.87%</u>	<u>2.90%</u>
26	= Increase in Full Year Additions		58	58	61
27	x FF&U Factor		<u>1.039107</u>	<u>1.039107</u>	<u>1.039107</u>
28	= Increase in Revenue Requirement		<u>60</u>	<u>61</u>	<u>63</u>

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 18

SAN DIEGO GAS & ELECTRIC
2028 CPUC General Rate Case (Application)
Electric Generation
Calculation of Revenue Requirement Increase
Federal Tax Depreciation Expense & Prior Year CCFT
(Thousands of Dollars)

Line No.	Description	TY 2028	PTY 2029	PTY 2030	PTY 2031
<u>Federal Regulatory Tax Depreciation</u>					
1	TY Federal Tax Depreciation	32,790			
2	/ TY Plant-In-Service	<u>1,385,618</u>			
3	= System Average Federal Tax Depreciation Rate	2.37%	2.37%	2.37%	2.37%
4	x Current Attrition Year Additions		<u>6,162</u>	<u>6,197</u>	<u>6,264</u>
5	= Increase in Federal Tax Depreciation Expense		146	147	148
6	x -Federal Income Tax Rate	(0.2100)	<u>(0.2100)</u>	<u>(0.2100)</u>	<u>(0.2100)</u>
7	= Federal Income Taxes		(31)	(31)	(31)
8	x Net-to-Gross Multiplier	1.442876	<u>1.442876</u>	<u>1.442876</u>	<u>1.442876</u>
9	= Decrease in Revenue Requirement		<u>(44)</u>	<u>(44)</u>	<u>(45)</u>
<u>California Corporation Franchise Tax (Prior Year)</u>					
10	+ RevReq from Book Depreciation			1,068	399
11	+ RevReq from State Tax Depreciation			(21)	(21)
12	+ RevReq from Federal Tax Depreciation (ACRS/MACRS)			(44)	(44)
13	+ Rate Base: Preferred Stock			(82)	(108)
14	+ Rate Base: Common Stock Equity			(2,503)	(3,290)
15	+ CCFT			<u>(64)</u>	<u>48</u>
16	= Revenue Requirement Increase			(1,646)	(3,016)
17	x Prior Year State Income Tax Cumulative Component			<u>0.088400</u>	<u>0.088400</u>
18	= Prior Year State Income Tax Increase			(146)	(267)
19	+ Prior Year State Income Tax (State Tax Depreciation Expense)			(14)	(15)
20	+ Prior Year State Income Tax (State Rate Change)			<u>-</u>	<u>-</u>
21	= Prior Year Total State Income Tax Increase			(160)	(281)
22	Prior Year Current California Corp Franchise Tax		5,640	5,480	5,199
23	- Prior Year CCFT Deductible for Federal Income Taxes		<u>5,429</u>	<u>5,640</u>	<u>5,480</u>
24	= Increase CCFT Deduction on Federal Income Taxes		211	(160)	(281)
25	<u>x -Federal Income Tax Rate</u>		<u>(0.2100)</u>	<u>(0.2100)</u>	<u>(0.2100)</u>
26	= Federal Income Taxes		(44)	34	59
27	x Net-To-Gross Multiplier		<u>1.442876</u>	<u>1.442876</u>	<u>1.442876</u>
28	= Increase (Decrease) in Revenue Requirement		<u>(64)</u>	<u>48</u>	<u>85</u>

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 19

SAN DIEGO GAS & ELECTRIC
2028 CPUC General Rate Case (Application)
Electric Generation
Calculation of Revenue Requirement Increase
Return on Rate Base
(Thousands of Dollars)

Line No.	Description	TY 2028	PTY 2029	PTY 2030	PTY 2031
<u>Change in Weighted Average Rate Base</u>					
1	TY WAVG Rate Base	379,407	379,407		
2	CY WAVG Rate Base		345,788	301,604	257,205
3	Change in WAVG Rate Base		(33,619)	(44,184)	(44,399)
<u>Long Term Debt</u>					
4	Prior Year Return on Debt	4.59%	4.59%	4.59%	4.59%
5	x Prior Year Debt Capitalization	45.25%	45.25%	45.25%	45.25%
6	= Prior Year Weighted Cost of Debt	2.08%	2.08%	2.08%	2.08%
7	x Change in WAVG Rate Base		(33,619)	(44,184)	(44,399)
8	= Change in Weighted Cost of Debt		(699)	(919)	(923)
9	x FF&U Factor	1.039107	1.039107	1.039107	1.039107
10	= Increase (Decrease) in Revenue Requirement		(727)	(955)	(960)
<u>Preferred Stock</u>					
11	Prior Year Return on Preferred Stock	6.22%	6.22%	6.22%	6.22%
12	x Prior Year Preferred Stock Capitalization	2.75%	2.75%	2.75%	2.75%
13	= Prior Year Weighted Cost of Preferred Stock	0.17%	0.17%	0.17%	0.17%
14	x Change in WAVG Rate Base		(33,619)	(44,184)	(44,399)
15	= Change in Weighted Cost of Preferred Stock		(57)	(75)	(75)
16	x Net-To-Gross Multiplier	1.442876	1.442876	1.442876	1.442876
17	= Increase (Decrease) in Revenue Requirement		(82)	(108)	(109)
<u>Common Equity</u>					
18	Prior Year Return on Common Equity	9.93%	9.93%	9.93%	9.93%
19	x Prior Year Common Equity Capitalization	52.00%	52.00%	52.00%	52.00%
20	= Prior Year Weighted Cost of Common Equity	5.16%	5.16%	5.16%	5.16%
21	x Change in WAVG Rate Base		(33,619)	(44,184)	(44,399)
22	= Change in Weighted Cost of Common Equity		(1,735)	(2,280)	(2,291)
23	x Net-To-Gross Multiplier	1.442876	1.442876	1.442876	1.442876
24	= Increase (Decrease) in Revenue Requirement		(2,503)	(3,290)	(3,306)
25	Total Increase in EG Revenue Requirement		(2,273)	(3,870)	(3,849)

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 20

SAN DIEGO GAS & ELECTRIC
2028 CPUC General Rate Case (Application)
Gas Distribution
Calculation of Revenue Requirement Increase
Depreciation Expense, State Tax Depreciation, Ad Valorem Taxes, & Payroll Taxes
(Thousands of Dollars)

Line No.	Description	TY 2028	PTY 2029	PTY 2030	PTY 2031
<u>Depreciation Expense</u>					
1	Test Year (TY) Accrual	225,242			
2	/ TY Weighted Average (WAVG) Plant-in-Service	<u>6,040,451</u>			
3	= System Average Depreciation Rate	3.73%	3.73%	3.73%	3.73%
4	x Plant in Service Weighted Average Increase		<u>464,964</u>	<u>476,605</u>	<u>485,340</u>
5	= Increase in Depreciation Expense		17,338	17,772	18,098
6	x Net-to-Gross Multiplier	1.425671	<u>1.425671</u>	<u>1.425671</u>	<u>1.425671</u>
7	= Increase in Revenue Requirement		<u>24,718</u>	<u>25,337</u>	<u>25,801</u>
<u>Ad Valorem Taxes</u>					
8	TY Ad Valorem Taxes	66,388			
9	/ TY Plant In Service	<u>6,310,500</u>			
10	= System Average Ad Valorem Tax Rate	1.05%	1.05%	1.05%	1.05%
11	x Current Attrition Year Additions		<u>473,134</u>	<u>481,558</u>	<u>490,738</u>
12	= Increase to Ad Valorem Taxes		4,977	5,066	5,163
13	x FF&U Factor	1.026717	<u>1.026717</u>	<u>1.026717</u>	<u>1.026717</u>
14	= Increase in Revenue Requirement		<u>5,110</u>	<u>5,201</u>	<u>5,301</u>
<u>State Regulatory Tax Depreciation</u>					
15	TY State Tax Depreciation	141,196			
16	/ TY Plant In Service	<u>6,310,500</u>			
17	= System Average State Tax Depreciation Rate	2.24%	2.24%	2.24%	2.24%
18	x Current Attrition Year Additions		<u>473,134</u>	<u>481,558</u>	<u>490,738</u>
19	= Increase in State Tax Depreciation Expense		10,586	10,775	10,980
20	x -State Income Tax Rate	(0.0884)	<u>(0.0884)</u>	<u>(0.0884)</u>	<u>(0.0884)</u>
21	= State Income Taxes		(936)	(952)	(971)
22	x Net-to-Gross Multiplier	1.425671	<u>1.425671</u>	<u>1.425671</u>	<u>1.425671</u>
23	= Decrease in Revenue Requirement		<u>(1,334)</u>	<u>(1,358)</u>	<u>(1,384)</u>
<u>Payroll Taxes</u>					
24	Prior Year Payroll Taxes		7,867	8,097	8,329
25	x Current Year Labor Escalation Rate		<u>2.92%</u>	<u>2.87%</u>	<u>2.90%</u>
26	= Increase in Full Year Additions		230	232	241
27	x FF&U Factor		<u>1.026717</u>	<u>1.026717</u>	<u>1.026717</u>
28	= Increase in Revenue Requirement		<u>236</u>	<u>238</u>	<u>248</u>

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Worksheets - ERRATA

Table 21

SAN DIEGO GAS & ELECTRIC
2028 CPUC General Rate Case (Application)
Gas Distribution
Calculation of Revenue Requirement Increase
Federal Tax Depreciation Expense & Prior Year CCFT
(Thousands of Dollars)

Line No.	Description	TY 2028	PTY 2029	PTY 2030	PTY 2031
<u>Federal Regulatory Tax Depreciation</u>					
1	TY Federal Tax Depreciation	147,535			
2	/ TY Plant-In-Service	<u>6,310,500</u>			
3	= System Average Federal Tax Depreciation Rate	2.34%	2.34%	2.34%	2.34%
4	x Current Attrition Year Additions		473,134	481,558	490,738
5	= Increase in Federal Tax Depreciation Expense		11,062	11,258	11,473
6	x -Federal Income Tax Rate	(0.2100)	(0.2100)	(0.2100)	(0.2100)
7	= Federal Income Taxes		(2,323)	(2,364)	(2,409)
8	x Net-to-Gross Multiplier	1.425671	1.425671	1.425671	1.425671
9	= Decrease in Revenue Requirement		<u>(3,312)</u>	<u>(3,371)</u>	<u>(3,435)</u>
<u>California Corporation Franchise Tax (Prior Year)</u>					
10	+ RevReq from Book Depreciation			24,718	25,337
11	+ RevReq from State Tax Depreciation			(1,334)	(1,358)
12	+ RevReq from Federal Tax Depreciation (ACRS,MACRS)			(3,312)	(3,371)
13	+ Rate Base: Preferred Stock			577	567
14	+ Rate Base: Common Stock Equity			17,518	17,219
15	+ CCFT			<u>(78)</u>	<u>(728)</u>
16	= Revenue Requirement Increase			38,089	37,667
17	x Prior Year State Income Tax Cumulative Component			<u>0.088400</u>	<u>0.088400</u>
18	= Prior Year State Income Tax Increase			3,367	3,330
19	+ Prior Year State Income Tax (State Tax Depreciation Expense)			(936)	(952)
20	+ Prior Year State Income Tax (State Rate Change)			<u>-</u>	<u>-</u>
21	= Prior Year Total State Income Tax Increase			2,431	2,377
22	Prior Year Current California Corp Franchise Tax		4,187	6,619	8,996
23	- Prior Year CCFT Deductible for Federal Income Taxes		<u>3,927</u>	<u>4,187</u>	<u>6,619</u>
24	= Increase CCFT Deduction on Federal Income Taxes		260	2,431	2,377
25	x -Federal Income Tax Rate		(0.2100)	(0.2100)	(0.2100)
26	= Federal Income Taxes		(55)	(511)	(499)
27	x Net-To-Gross Multiplier		1.425671	1.425671	1.425671
28	= Decrease in Revenue Requirement		<u>(78)</u>	<u>(728)</u>	<u>(712)</u>

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 22

SAN DIEGO GAS & ELECTRIC
2028 CPUC General Rate Case (Application)
Gas Distribution
Calculation of Revenue Requirement Increase
Return on Rate Base
(Thousands of Dollars)

Line No.	Description	TY 2028	PTY 2029	PTY 2030	PTY 2031
<u>Change in Weighted Average Rate Base</u>					
1	TY WAVG Rate Base	3,358,414	3,358,414		
2	CY WAVG Rate Base		3,596,542	3,830,614	4,059,249
3	Change in WAVG Rate Base		238,128	234,072	228,635
<u>Long Term Debt</u>					
4	Prior Year Return on Debt	4.59%	4.59%	4.59%	4.59%
5	x Prior Year Debt Capitalization	45.25%	45.25%	45.25%	45.25%
6	= Prior Year Weighted Cost of Debt	2.08%	2.08%	2.08%	2.08%
7	x Change in WAVG Rate Base		238,128	234,072	228,635
8	= Change in Weighted Cost of Debt		4,953	4,869	4,756
9	x FF&U Factor	1.026717	1.026717	1.026717	1.026717
10	= Increase in Revenue Requirement		5,085	4,999	4,883
<u>Preferred Stock</u>					
11	Prior Year Return on Preferred Stock	6.22%	6.22%	6.22%	6.22%
12	x Prior Year Preferred Stock Capitalization	2.75%	2.75%	2.75%	2.75%
13	= Prior Year Weighted Cost of Preferred Stock	0.17%	0.17%	0.17%	0.17%
14	x Change in WAVG Rate Base		238,128	234,072	228,635
15	= Change in Weighted Cost of Preferred Stock		405	398	389
16	x Net-To-Gross Multiplier	1.425671	1.425671	1.425671	1.425671
17	= Increase in Revenue Requirement		577	567	554
<u>Common Equity</u>					
18	Prior Year Return on Common Equity	9.93%	9.93%	9.93%	9.93%
19	x Prior Year Common Equity Capitalization	52.00%	52.00%	52.00%	52.00%
20	= Prior Year Weighted Cost of Common Equity	5.16%	5.16%	5.16%	5.16%
21	x Change in WAVG Rate Base		238,128	234,072	228,635
22	= Change in Weighted Cost of Common Equity		12,287	12,078	11,798
23	x Net-To-Gross Multiplier	1.425671	1.425671	1.425671	1.425671
24	= Increase in Revenue Requirement		17,518	17,219	16,819
25	Total Increase in GD Revenue Requirement		48,522	48,106	48,076

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

E. PTY CAPITAL EXCEPTION-RELATED COSTS

SDG&E proposes that the PTY attrition mechanism for capital costs include a budget-based exception for Wildfire Mitigation Plan (WMP) Strategic Undergrounding. SDG&E expects to make significant capital investments in the post-test years for strategic undergrounding projects necessary for safety and reliability. Because these investments are expected to ramp up over the post-test years of 2029-2031 and are also significant in magnitude, they are not adequately reflected or accounted for in the proposed test-year capital additions mechanism.

Tables 23-25 provide the revenue requirement, rate base and return, and property tax details for our proposed Strategic Undergrounding capital exception.

San Diego Gas & Electric Company
2028 GRC - APP
Post-Test Year Ratemaking Workpapers - ERRATA

Table 23

WMP SUG (\$ in Dollars)	Total	2029	2030	2031
Revenue Requirement	232,171,028	33,609,248	73,165,827	125,395,953
FF&U:	8,392,524	1,214,908	2,644,800	4,532,816
O&M:	-	-	-	-
Working Capital:	-	-	-	-
Depreciation:	56,279,236	8,244,327	17,736,912	30,297,997
Return on Common:	86,127,435	12,868,079	27,304,529	45,954,827
Return on Preferred:	2,853,067	426,269	904,493	1,522,305
Return On Debt:	34,643,375	5,175,978	10,982,807	18,484,589
Federal Taxes:	24,618,017	3,717,053	7,823,507	13,077,457
State Taxes:	6,086,106	894,328	1,918,005	3,273,772
Property Taxes:	13,171,269	1,068,304	3,850,774	8,252,191

Table 24

WMP SUG Rate Base and Return (\$ in Dollars)	Total	2029	2030	2031
Average Monthly Rate Base		249,207,518	528,788,609	889,976,502
Return on Equity (\$)	86,127,435	12,868,079	27,304,529	45,954,827
Weighted Return on Equity (%)		5.16%	5.16%	5.16%
Return on Preferred (\$)	2,853,067	426,269	904,493	1,522,305
Weighted Return on Preferred (%)		0.17%	0.17%	0.17%
Return on Debt (\$)	34,643,375	5,175,978	10,982,807	18,484,589
Weighted Return on Debt (%)		2.08%	2.08%	2.08%
Total Return	123,623,876	18,470,327	39,191,829	65,961,721
Total Rate of Return		7.41%	7.41%	7.41%

Table 25

WMP SUG Property Tax (\$ in Dollars)	Total	2029	2030	2031
Average of Month-End Rate Base		248,778,088	527,870,094	888,418,329
Property Tax Rate		0.43%	0.73%	0.93%
Property Tax	13,171,269	1,068,304	3,850,774	8,252,191