San Diego Gas & Electric Company

Volume – 3

TO5 – Cycle 1

Cost Adjustment Workpapers

October 30, 2018

Docket No. ER19- -

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San Diego Gas & Electric Company TO5 Cycle 1 Annual Informational Filing Summary of BTRR Adjustments Dollars in (\$1,000s)

Line No.	Description	A	mounts	Reference	Line No.
1	BTRR Adjustment - ADIT Error Correction:				1
2	ADIT Error Correction - Return and Associated Income Taxes	\$	79,410	Page 2; Total Column; Line 4.	2
3	Interest		10,820	Page 2; Total Column; Line 5.	3
4	Total BTRR Adjustment Excluding FF&U	\$	90,230	Line 2 + Line 3	4
5	Transmission Related Muncipal Franchise Fees		927	Page 2; Total Column; Line 7.	5
6	Subtotal BTRR Adjustment Including Franchise Fees	\$	91,157	Line 4 + Line 5	6
7	Transmission Related Uncollectibles		156	Page 2; Total Column; Line 9.	7
8	Total BTRR Adjustment	\$	91,313	Line 6 + Line 7	8
9	BTRR Adjustment - Tax Cuts and Jobs Act:				9
10	TO4 Cycle 5 - Revised BTRR	\$	747,343	Page 125; Line 27; Col. A	10
11	TO4 Cycle 5 - Original BTRR		813,492	Page 125; Line 27; Col. B	11
12	Difference	\$	(66,149)	Line 10 Minus Line 11	12
13	Allocation Ratio for the Refund Period (3-15-2018 thru 12-31-2018)		79%	9.5 Months / 12 Months	13
14	Total Refund Before Interest	\$	(52,368)	Line 12 * Line 13	14
15	Interest		(1,014)	Page 141; Line 16	15
16	Total BTRR Adjustment Excluding FF&U	\$	(53,382)	Line 14 + Line 15	16
17	Franchise Fees		(549)	Page 119; Line 8	17
18	Subtotal BTRR Adjustment Including Franchise Fees	\$	(53,931)	Line 16 + Line 17	18
19	Transmission Related Uncollectibles		(93)	Page 119; Line 12	19
20	Total BTRR Adjustment	<u>\$</u>	(54,024)	Line 18 + Line 19	20
21	Total - BTRR Adjustment (WHOLESALE)	\$	37,226	Line 6 + Line 18	21
22	Total - BTRR Adjustment (RETAIL)	\$	37,289	Line 8 + Line 20	22

San Diego Gas & Electric Company ADIT Base Transmission Revenue Requirements Adjustment Summary For TO4 Cycles 2 to 5 (\$1,000)

Line		Base Per	Base Period 2013 - Cycle 2	/cle 2 ^{1,2}	Base Pe	Base Period 2014 - Cycle 3 ³	vele 3 ³	Base Per	Base Period 2015 - Cycle 44	vele 44	Base Per	Base Period 2016 - Cycle 55	vcle 5 ⁵	Total	Line
Š.	Description	Revised	As Filed Difference	Difference	Revised	As Filed Difference	Difference	Revised	As Filed Difference	Difference	Revised		As Filed Difference	Difference	No.
1	ADIT	\$ (289,007)	\$ (289,007) \$ (393,258) \$ 104,251	\$ 104,251	\$ (411,667) \$ (514,923) \$ 103,256 \$ (503,877) \$ (745,603) \$ 241,726 \$ (593,684) \$ (905,037) \$ 311,353	\$ (514,923)	\$ 103,256	\$ (503,877)	\$ (745,603)	\$ 241,726	\$ (593,684)	\$ (905,037)	\$ 311,353		1
7	Transmission Rate Base	2,934,860 2,830,609	2,830,609	104,251	2,999,037 2,895,781	2,895,781	103,256	3,448,726 3,207,000	3,207,000	241,726	3,555,748 3,244,395	3,244,395	311,353		2
3	Cost of Capital Rate	11.3310%	11.3310% 11.3334%		11.4800%	11.4829%		11.7370%	11.7429%		11.4972%	11.5050%			3
4	Return and Associated Income Taxes	110,850	106,935	3,915	344,290	332,520	11,770	404,778	376,596	28,182	408,811	373,268	35,543	79,410	4
S	Interest		ı	820		I	2,148		I	4,064		I	3,788	10,820	S
9	Total BTRR Adjustment Excluding FF&U			4,735			13,918			32,246			39,331	90,230	9
7	Transmission Related Muncipal Franchise Fees		Ī	49		I	143		I	331		I	404	927	7
∞	Subtotal BTRR Adjustment Including Franchise Fees			4,784			14,061			32,577			39,735	91,157	8
6	Transmission Related Uncollectibles		Ī	8		I	24		I	56		1	89	156	6
10	Total Retail BTRR Adjustment		II	\$ 4,792		11	\$ 14,085		11	\$ 32,633		II	\$ 39,803	\$ 91,313	10

The TO4 Rate Effective Period is from September 1, 2013 through December 31, 2018. The amounts reflected in this column trues up the 4-month period September - December 2013.

Information and related workpapers are included within tab labeled 'ADIT Adj. - TO4 Cycle 2'.

Information and related workpapers are included within tab labeled 'ADIT Adj. - TO4 Cycle 3'.

Information and related workpapers are included within tab labeled 'ADIT Adj. - TO4 Cycle 4'. Information and related workpapers are included within tab labeled 'ADIT Adj. - TO4 Cycle 5'.

San Diego Gas & Electric Company

TO4 Cycle 2 ADIT Adjustment to Base Transmission Revenue Requirements For the Rate Effective Period January 1, 2019 - December 31, 2019 (\$1,000)

Line	<u>Description</u>	<u>A</u> 1	<u>nounts</u>	Reference	Line
No.	<u>-</u>				No.
1	BTRR Adjustment due to TO4 Cycle 2 ADIT Error Calculation:				1
2	Retail BTRR Adjustment - Before Interest	\$	3,915	Page 2.6; Col (c); Line 27	2
3					3
4	Interest Expense		820	Page 7.6; Line 16 Total Column	4
5	•				5
6	Total BTRR Adjustment Excluding FF&U		4,735	Line 2 + Line 4	6
7	·				7
8	Transmission Related Municipal Franchise Fees Expenses		49	Line 6 x 1.031%	8
9					9
10	Subtotal BTRR Adjustment Including Francise Fees Expenses		4,784	Line 6 + Line 8	10
11					11
12	Transmission Related Uncollectible Expense		8	Line 6 x 0.174%	12
13	•				13
14	Total Retail BTRR Adjustment Including FF&U	\$	4,792	Line 10 + Line 12	14

Section C.5. of the Protocols provides a mechanism for SDG&E to correct errors that affected the TU TRR in a previous Informational Filing. In this TO5 Cycle 1 Informational Filing, SDG&E is correcting a TO4 Cycle 2 error of approximately \$4.8M due to ADIT recalculation of the transmission related ADIT from Bonus Depreciation. Lines 1 - 14 show SDG&E's quantification of the revenue requirements including interest.

В C = A - B

Line No.		C2	evised TO4 4 Mos. TU - Period Amounts	4 Peri	Filed TO4 C2 Mos. TU - od ER15-553 Amounts		ference r (Decr)	Reference	Line No.
1	A. Revenues:								1
2	Transmission Operation & Maintenance Expense	\$	26,677	\$	26,677	\$	-	Page 3.1 and Page 4.1, Line 2	2
3 4 5	Transmission Related A&G Expense		35,284		35,284		-	Page 3.1 and Page 4.1, Line 4	3 4 5
6 7	CPUC Intervenor Funding Expense							Page 3.1 and Page 4.1, Line 6	6 7
8	Total O&M Expenses	\$	61,961	\$	61,961	\$	-	Sum Lines 2 thru 6	8
10 11	Transmission, Intangible, General and Common Depr. & Amort. Expense		34,866		34,866		-	Page 3.1 and Page 4.1, Line 10	10 11
12 13	Valley Rainbow Project Cost Amortization Expense		158		158		-	Page 3.1 and Page 4.1, Line 12	12 13
14 15	Transmission Plant Abandoned Project Cost Amortization Expense		-		-		-	Page 3.1 and Page 4.1, Line 14	14 15
16 17	Transmission Related Property Taxes Expense		8,877		8,877		-	Page 3.1 and Page 4.1, Line 16	16 17
18 19	Transmission Related Payroll Taxes Expense	_	722		722			Page 3.1 and Page 4.1, Line 18	18 19
20 21	Sub-Total Expense	\$	106,584	\$	106,584	\$		Sum Lines 8 thru 18	20 21
22	Cost of Capital Rate (COCR)		11.3310% v		11.3334%	_	0.0024%	Page 3.1 and Page 4.1, Line 22	22
23	Transmission Rate Base	\$	2,934,860 v	\$	2,830,609		104,251	Page 3.1 and Page 4.1, Line 23	23
24	Return and Associated Income Taxes	\$	332,550 V		320,805	\$	11,745	Line 22 x Line 23	24
25	Proration Factor for 4 Mo T/U		33%		33%		0%	1/3	25
26 27	Prorated Four Month Return for 4 Month T/U	\$	110,850 V		106,935	\$	3,915	Line 24 x Line 25	26 27
28	South Georgia Income Tax Adjustment	\$	778	\$	778	\$	-	Page 3.1 and Page 4.1, Line 28	28
29	Transmission Related Amortization of ITC		(88)		(88)		-	Page 3.1 and Page 4.1, Line 29	29
30	Transmission Related Amortization of Excess Deferred Tax Liabilities		(101)		(101)		-	Page 3.1 and Page 4.1, Line 30	30
31	Transmission Related Revenue Credits		(1,499)		(1,499)		-	Page 3.1 and Page 4.1, Line 31	31
32	Transmission Related Regulatory Debits		-		-		-	Page 3.1 and Page 4.1, Line 32	32 33
33 34	(Gains)/Losses from Sale of Plant Held for Future Use				-			Page 3.1 and Page 4.1, Line 33	34
35	End of Prior Year Revenues (PYRR $_{\rm EU})$ Excluding FF&U	\$	216,524 V	\$	212,609	\$	3,915	Line 20 + Sum Lines (26 thru 33)	35
36 37	B. Incentive ROE Project Transmission Revenue:								36 37
38 39	Incentive Transmission Plant Depreciation Expense	\$	-	\$		\$		Page 3.1 and Page 4.1, Line 38	38 39
40	Incentive Cost of Capital Rate (ICOCR) 1		0.0000% 4	ı	0.0000%		0.0000%	Page 3.1 and Page 4.1, Line 40	40
41	Total Incentive ROE Project Transmission Rate Base	s	-	s	-	\$	_	Page 3.1 and Page 4.1, Line 41	41
42	Incentive ROE Project Return and Associated Income Taxes	\$		-\$		\$		Line 40 x Line 41	42
43	,								43
44	Total Incentive ROE Project Transmission Revenue	\$		\$	-	\$		Sum Lines 38; 42	44
45									45
46	C. Incentive Transmission Plant Abandoned Project Revenue:								46
47	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$	-	\$		\$		Page 3.1 and Page 4.1, Line 47	47
48									48
49	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$	-	\$	-	\$	-	Page 3.1 and Page 4.1, Line 49	49
50	Cost of Capital Rate (COCR)	_	11.3310% V		11.3334%		0.0024%	Page 3.1 and Page 4.1, Line 50	50
51	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	s \$		\$		\$		Line 49 x Line 50	51
52	Table of Table 1 and 1 a	•				•		G 1: 47.51	52
53	Total Incentive Transmission Plant Abandoned Project Revenue	3		\$		\$		Sum Lines 47; 51	53
54 55	D. Incentive Transmission Construction West In Dueguese (CWID) D.								54 55
55	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:	•				•		D 21 1D 41 1: 55	55
56	Incentive Transmission Construction Work In Progress ²	\$	-	\$	-	\$	-	Page 3.1 and Page 4.1, Line 56	56
57	Cost of Capital Rate (COCR)	_	11.3310% V		11.3334%		0.0024%	Page 3.1 and Page 4.1, Line 57	57
58	Incentive CWIP Return and Associated Income Taxes	\$		\$		\$		Line 56 x Line 57	58
59 60	Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U	e		s		\$		Sum Lines 44; 53; 58	59 60
61	· · · · · · · · · · · · · · · · · · ·	Ф		_		3			61
62	E. Total (PYRR _{FU}) Excluding FF&U ³	\$	216,524 V	\$	212,609	\$	3,915	Sum Lines 35; 60	62

√ Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each

project. As a result, the data on this page may carryover to the next page.

Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 4 months ending December 31, 2013

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

A B C = A - B

Line No.		C2	evised TO4 4 Mos. TU - Period Amounts	4 Perio	Filed TO4 C2 Mos. TU - od ER15-553 Amounts		ifference cr (Decr)	Reference	Line No.
	A. Transmission Rate Base								
1	Net Transmission Plant:								1
2	Transmission Plant	\$	3,067,214	\$	3,067,214	\$	-	Page 3.2 and Page 4.2, Line 2	2
3	Transmission Related Electric Miscellaneous Intangible Plant		12,892		12,892		-	Page 3.2 and Page 4.2, Line 3	3
4	Transmission Related General Plant		27,329		27,329		-	Page 3.2 and Page 4.2, Line 4	4
5	Transmission Related Common Plant		46,508		46,508		-	Page 3.2 and Page 4.2, Line 5	5
6	Total Net Transmission Plant	\$	3,153,943	\$	3,153,943	\$	-	Sum Lines 2 thru 5	6
7									7
8	Rate Base Additions:								8
9	Transmission Plant Held for Future Use	\$	6,546	\$	6,546	\$	-	Page 3.2 and Page 4.2, Line 9	9
10	Transmission Plant Abandoned Project Cost		-		-		-	Page 3.2 and Page 4.2, Line 10	10
11	Total Rate Base Additions	\$	6,546	\$	6,546	\$	-	Sum Lines 9 thru 10	11
12									12
13	Rate Base Reductions:								13
14	Transmission Related Accum. Def. Inc. Taxes	\$	(289,007) √	\$	(393,258)	\$	104,251	Page 3.2 and Page 4.2, Line 14	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes				-		<u> </u>	Page 3.2 and Page 4.2, Line 15	15
16	Total Rate Base Reductions	\$	(289,007) √	\$	(393,258)	\$	104,251	Sum Lines 14 thru 15	16
17									17
18	Working Capital:								18
19	Transmission Related Material and Supplies	\$	22,401	\$	22,401	\$	-	Page 3.2 and Page 4.2, Line 19	19
20	Transmission Related Prepayments		17,742		17,742		-	Page 3.2 and Page 4.2, Line 20	20
21	Transmission Related Cash Working Capital		23,235		23,235			Page 3.2 and Page 4.2, Line 21	21
22	Total Working Capital	\$	63,378	\$	63,378	\$	-	Sum Lines 19 thru 21	22
23									23
24	Other Regulatory Assets/Liabilities	\$	-	\$	-	\$	-	Page 3.2 and Page 4.2, Line 24	24
25									25
26	Total Transmission Rate Base	\$	2,934,860 V	\$	2,830,609	\$	104,251	Sum Lines 6; 11; 16; 22; 24	26
27									27
28	B. Incentive ROE Project Transmission Rate Base:								28
29	Net Incentive Transmission Plant ¹	\$	-	\$	_	\$	-	Page 3.2 and Page 4.2, Line 29	29
30	Incentive Transmission Plant Accum, Def. Income Taxes		_		_		_	Page 3.2 and Page 4.2, Line 30	30
31	Total Incentive ROE Project Transmission Rate Base	\$	_	\$		\$		Sum Lines 29 thru 30	31
32	J								32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:								33
34	Incentive Transmission Plant Abandoned Project Cost	\$	_	S	_	\$	_	Page 3.2 and Page 4.2, Line 34	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes		_		_	•	_	Page 3.2 and Page 4.2, Line 35	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$	-	\$	-	\$	-	Sum Lines 34 thru 35	36
37									37
38	D. Incentive Transmission Construction Work In Progress ²	\$	-	\$		\$	-	Page 3.2 and Page 4.2, Line 38	38

\forall Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

² Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

A B C = A - B

Line No.		C2	evised TO4 4 Mos. TU - Period Amounts	4 Perio	Tiled TO4 C2 Mos. TU - od ER15-553 Amounts	 erence (Decr)	Reference	Line No.
	A. Transmission Plant							
1	Gross Transmission Plant:							1
2	Transmission Plant	\$	3,723,358	\$	3,723,358	\$ -	Page 3.3 and Page 4.3, Line 2	2
3	Transmission Related Electric Miscellaneous Intangible Plant		16,024		16,024	-	Page 3.3 and Page 4.3, Line 3	3
4	Transmission Related General Plant		45,182		45,182	-	Page 3.3 and Page 4.3, Line 4	4
5	Transmission Related Common Plant		92,352		92,352	 	Page 3.3 and Page 4.3, Line 5	5
6	Total Gross Transmission Plant	\$	3,876,916	\$	3,876,916	\$ 	Sum Lines 2 thru 5	6
7								7
8	Accumulated Depreciation Reserve:							8
9	Transmission Plant Depreciation Reserve	\$	656,144	\$	656,144	\$ -	Page 3.3 and Page 4.3, Line 9	9
10	Transmission Related Electric Miscellaneous Intangible Amortization Reserve		3,132		3,132	-	Page 3.3 and Page 4.3, Line 10	10
11	Transmission Related General Plant Depr Reserve		17,853		17,853	-	Page 3.3 and Page 4.3, Line 11	11
12	Transmission Related Common Plant Depr Reserve		45,844		45,844	-	Page 3.3 and Page 4.3, Line 12	12
13	Total Transmission Related Accumulated Depreciation Reserve	\$	722,973	\$	722,973	\$ -	Sum Lines 9 thru 12	13
14								14
15	Net Transmission Plant:							15
16	Transmission Plant	\$	3,067,214	\$	3,067,214	\$ -	Page 3.3 and Page 4.3, Line 16	16
17	Transmission Related Electric Miscellaneous Intangible Plant		12,892		12,892	-	Page 3.3 and Page 4.3, Line 17	17
18	Transmission Related General Plant		27,329		27,329	-	Page 3.3 and Page 4.3, Line 18	18
19	Transmission Related Common Plant		46,508		46,508	-	Page 3.3 and Page 4.3, Line 19	19
20	Total Net Transmission Plant	\$	3,153,943	\$	3,153,943	\$ -	Sum Lines 16 thru 19	20
21								21
22	B. Incentive Project Transmission Plant:							22
23	Incentive Transmission Plant ¹	\$	-	\$	-	\$ -	Page 3.3 and Page 4.3, Line 23	23
24	Incentive Transmission Plant Depreciation Reserve 1		-		-	-	Page 3.3 and Page 4.3, Line 24	24
25	Total Net Incentive Transmission Plant	\$	-	\$	-	\$ -	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

A B C = A - B

Line No.	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS	C2	evised TO4 4 Mos. TU - Period Amounts		s Filed TO4 C2 4 Mos. TU - criod ER15-553 Amounts		ference r (Decr)	Reference	Line No.
1	A. Derivation of Annual Fix Charge Rate (AFCR _{EU}) Applicable to								1
2	Weighted Forecast Plant Additions:								2
3	PYRR _{FU} Excluding Franchise Fees and Uncollectible	s	216,524 v	· s	212,609	\$	3,915	Page 3.4 and Page 4.4, Line 3	3
4	50% of Transmission O&M Expense	-	(13,339)	-	(13,339)	-	-	Page 3.4 and Page 4.4, Line 4	4
5	50% of Transmission Related A&G Expense		(17,642)		(17,642)		_	Page 3.4 and Page 4.4, Line 5	5
6	CPUC Intervenor Funding Expense		-		- (- / , - / - /		_	Page 3.4 and Page 4.4, Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		(158)		(158)		_	Page 3.4 and Page 4.4, Line 7	7
8	South Georgia Income Tax Adjustment		(778)		(778)		-	Page 3.4 and Page 4.4, Line 8	8
9	Transmission Related Amortization of Investment Tax Credit		88		88		-	Page 3.4 and Page 4.4, Line 9	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		101		101		-	Page 3.4 and Page 4.4, Line 10	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		-		-		-	Page 3.4 and Page 4.4, Line 11	11
12	Total (PYRR EU) Excluding FF&U - Adjusted	\$	184,796 v	\$	180,882	\$	3,915	Sum Lines 3 thru 11	12
13									13
14	Gross Transmission Plant	\$	3,876,916	\$	3,876,916	\$		Page 3.4 and Page 4.4, Line 14	14
15									15
16	Annual Fix Charge Rate (AFCR EU)		4.7666% v	•	4.6656%	(0.1010%	Page 3.4 and Page 4.4, Line 16	16
17									17
18	Weighted Forecast Plant Additions	\$	-	\$	-	\$	-	Page 3.4 and Page 4.4, Line 18	18
19								_	19
20	Forecast Period Capital Addition Revenue Requirements	\$	-	\$	-	\$		Line 16 x Line 18	20

 $[\]mbox{\ensuremath{\checkmark}}$ Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

A B C = A - B

Line No.			evised TO4 4 Mos. TU - Period Amounts	4 Peri	Filed TO4 C2 Mos. TU - od ER15-553 Amounts		fference r (Decr)	Reference	Line No.
	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE								
	CAPITAL PROJECTS								
1	A. Derivation of Annual Fix Charge Rate (AFCR FILIR ROF) Applicable to								1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):								2
3	PYRR EU-IR-ROE Excluding Franchise Fees and Uncollectible	\$	216,524	/ \$	212,609	\$	3,915	Page 3.5 and Page 4.5, Line 3	3
4	50% of Transmission O&M Expense		(13,339)		(13,339)		-	Page 3.5 and Page 4.5, Line 4	4
5	50% of Transmission Related A&G Expense		(17,642)		(17,642)		-	Page 3.5 and Page 4.5, Line 5	5
6	CPUC Intervenor Funding Expense - Transmission		-		-		-	Page 3.5 and Page 4.5, Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		(158)		(158)		-	Page 3.5 and Page 4.5, Line 7	7
8	South Georgia Income Tax Adjustment		(778)		(778)		-	Page 3.5 and Page 4.5, Line 8	8
9	Transmission Related Amortization of Investment Tax Credit		88		88		-	Page 3.5 and Page 4.5, Line 9	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		101		101		-	Page 3.5 and Page 4.5, Line 10	10
11	(Gains)/Losses from Sale of Plant Held for Future Use	_	-		-	_	-	Page 3.5 and Page 4.5, Line 11	11
12	Adjusted Total (PYRR _{EU-IR-ROE}) Excluding FF&U	\$	184,796	<u> </u>	180,882	\$	3,915	Sum Lines 3 thru 11	12
13									13
14	Gross Transmission Plant & Incentive Transmission Plant	\$	3,876,916	\$	3,876,916	\$		Page 3.5 and Page 4.5, Line 14	14
15									15
16	Incentive Annual Fix Charge Rate (AFCR _{EU-IR-ROE}) ¹		4.7666% 1	1	4.6656%		0.1010%	Page 3.5 and Page 4.5, Line 16	16
17									17
18	Incentive Weighted Forecast Plant Additions	\$				\$		Page 3.5 and Page 4.5, Line 18	18
19	P (P'11 d' C'21A1E P P ' 4 (PC)								19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC _{EU-IR-ROE})	\$		\$	-	\$	-	Line 16 x Line 18	20
21									21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:								22
23	1. For the Period After the Base Period and Before the Rate Effective Period:			•		•		D 25 1D 45 I 24	23
24 25	Incentive Weighted Forecast Transmission Construction Work In Progress	\$	-	\$	-	\$	-	Page 3.5 and Page 4.5, Line 24	24 25
	Cost of Control Posts		11.3310%	,	11 22240/		0.00240/	D254D45-Lin-26	
26	Cost of Capital Rate (COCR)	_	11.3310%		11.3334%		0.0024%	Page 3.5 and Page 4.5, Line 26	26
27	Incentive Transmission Forecast CWIP Projects Revenue Requirements	e		•				Line 24 x Line 26	27
28 29	incentive Transmission Forecast C wTP Projects Revenue Requirements	3		3		3		Line 24 x Line 26	28 29
30	2. For the Period During the Rate Effective Period:								30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	\$	_	\$		\$	_	Page 3.5 and Page 4.5, Line 31	31
32	incentive weighted rorecast transmission constitution work in riogless	Ψ		Ψ		Ψ		rage 3.3 and rage 1.3, Eine 31	32
33	Cost of Capital Rate (COCR)		11.3310%	,	11.3334%	_	0.0024%	Page 3.5 and Page 4.5, Line 33	33
34	(COUR)	_	-11001070		11.555 770			65 510 and 1 age 110, 2 me 55	34
35	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	_	\$	_	s	_	Line 31 x Line 33	35
36	mount of the manufacture of the frequencies	Ψ.		Ψ.		Ψ		Enic 31 x Enic 33	36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	_	\$	_	\$	-	Sum Lines 28; 35	37
	J I	<u></u>		_		_		7,23	

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

A B C = A - B

Line No.		C2 4	vised TO4 Mos. TU - Period Amounts	4	Filed TO4 C2 Mos. TU - iod ER15-553 Amounts		fference r (Decr)	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR EU):								1
2									2
3	End of Prior Year Revenues (PYRR EU) Excluding FF&U	\$	216,524	\$	212,609	\$	3,915	Page 3.6 and Page 4.6, Line 3	3
4									4
5	Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U		-		-		-	Page 3.6 and Page 4.6, Line 5	5
6									6
7	Sub-Total Base Period Revenues	\$	216,524	\$	212,609	\$	3,915	Sum Lines 3 thru 5	7
8	DOMESTIC DOMESTIC			s		s		P 26 1P 461' 0	8
9 10	Retail True-Up Period Adjustment	\$	-	3	-	3	-	Page 3.6 and Page 4.6, Line 9	9 10
11	Retail Interest True-Up Adjustment		_					Page 3.6 and Page 4.6, Line 11	11
12	ream merest true op ragustment							rage 3.0 and rage 1.0, Ellie 11	12
13	Sub-Total True-Up Adjustments	\$	-	\$	-	\$	-	Sum Lines 9 thru 11	13
14									14
15	B. Annual Fixed Charges Applicable to Capital Projects:								15
16									16
17	Forecast Period Capital Addition Revenue Requirements	\$		\$		\$		Page 3.6 and Page 4.6, Line 17	17
18									18
19 20	C. Annual Fixed Charges Applicable to Incentive Capital Projects:								19 20
20	Forecast Period Incentive Capital Additions Revenue Requirements (FC FILIR-ROF)	\$		\$		\$		Page 3.6 and Page 4.6, Line 21	20
22	Polecast Ferrou incentive Capital Additions Revenue Requirements (FC EU-IR-ROE)	•		3		•		rage 3.0 and rage 4.0, Line 21	22
23	D. Incentive Forecast Transmission CWIP Revenues:								22
24	D. Incentive Porceast Transmission C will Revenues.								24
25	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	\$	-	\$	-	Page 3.6 and Page 4.6, Line 25	25
26	,								26
27	E. Subtotal BTRR EU Excluding FF&U:	\$	216,524	\$	212,609	\$	3,915	Sum Lines 7; 13; 17; 21; 25	27
28									28
29	Transmission Related Municipal Franchise Fees Expenses		2,232 \		2,192		40	Line 27 x 1.031%	29
30	Transmission Related Uncollectible Expense		377 v	'	370		7	Line 27 x 0.174%	30
31	E T . I D . I DTDD WIN FEAT								31
32	F. Total Retail BTRR FU With FF&U	\$	219,133	\$	215,171	\$	3,962	Sum Lines 27 thru 30	32

 $[\]forall$ Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

Derivation of End Use Prior Year Revenue Requirements (PYRR $_{\rm EU}$)

For the 4-Month True-Up Period Ending December 31, 2013 (\$1,000)

Line		_		Line
No.		Amounts 5	Reference	No.
1	A. Revenues:			1
2	Transmission Operation & Maintenance Expense	\$ 26,67	7 Statement AH; Page 5, Line 9	2
3 4	Transmission Related A&G Expense	35,28	Statement AH; Page 5, Line 56	3 4
5 6	CPUC Intervenor Funding Expense - Transmission		Statement AH; Page 5, Line 17	5 6
7 8	Total O&M Expenses	\$ 61,96	1 Sum Lines 2 thru 6	7 8
9 10 11	Transmission, General, Common Plant Depn. Exp., and Electric Misc. Intangible Plant Amort. Exp.	34,86	6 Statement AJ; Page 7, Line 17	9 10 11
12 13	Valley Rainbow Project Cost Amortization Expense	15	8 Statement AJ; Page 7, Line 19	12 13
14 15	Transmission Plant Abandoned Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 23	14 15
16 17	Transmission Related Property Taxes Expense	8,87	7 Statement AK; Page 8, Line 27	16 17
18 19	Transmission Related Payroll Taxes Expense	72	Statement AK; Page 8, Line 33	18 19
20 21	Sub-Total Expense	\$ 106,58	Sum Lines 8 thru 18	20 21
22	Cost of Capital Rate (COCR)	11.3310	% ✓ Statement AV; Page 15, Line 31	22
23	Transmission Rate Base	2,934,86		23
24	Return and Associated Income Taxes	\$ 332,55		24
25 26	Proration Factor for 4 Mo T/U Prorated Four Month Return for 4 Month T/U	\$ 110,85	% 1/3 0 √ Line 24 x Line 25	25 26
27	Florated Four Month Retain for 4 Month 1/O	3 110,03	Line 24 x Line 23	27
28	South Georgia Income Tax Adjustment	\$ 77	8 Statement AQ; Page 11, Line 1	28
29	Transmission Related Amortization of Investment Tax Credits		8) Statement AR; Page 12, Line 1	29
30	Transmission Related Amortization of Excess Deferred Tax Liabilities	(10		30
31	Transmission Related Revenue Credits	(1,49	9) Statement AU; Page 13, Line 11	31
32	Transmission Related Regulatory Debits	-		32
33	(Gains)/Losses from Sale of Plant Held for Future Use		Statement AU; Page 13, Line 13	33
34	E I CD' V D (DVDD) E I I' EE0II			34
35 36	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$ 216,52	Line 20 + Sum Lines (26 thru 33)	35 36
37	B. Incentive ROE Project Transmission Revenue:			37
38 39	Incentive Transmission Plant Depreciation Expense	\$ -	Statement AJ; Page 7; Line 21	38 39
40	Incentive Cost of Capital Rate (ICOCR) 1	0.0000	Statement AV; Page 16, Line 31	40
41	Total Incentive ROE Project Transmission Rate Base	\$ -	Statement BK-1; Page 2; Line 31	41
42	Incentive ROE Project Return and Associated Income Taxes	\$ -	Line 40 x Line 41	42
43 44	Total Incentive ROE Project Transmission Revenue	\$ -	Sum Lines 38; 42	43 44
45				45
46	C. Incentive Transmission Plant Abandoned Project Revenue:			46
47	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$ -	Statement AJ; Page 7; Line 25	47
48	TAIL A TO SENIOR IN THE SECOND TO	Ф	Control DIVIDE 2 II 20	48
49	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	3 -	Statement BK-1; Page 2; Line 36	49
50	Cost of Capital Rate (COCR)	11.3310		50
51 52	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	\$ -	Line 49 x Line 50	51 52
53	Total Incentive Transmission Plant Abandoned Project Revenue	\$ -	Sum Lines 47; 51	53
54	•			54
55	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:			55
56	Incentive Transmission Construction Work In Progress ²	\$ -	Statement BK-1; Page 2; Line 38	56
57	Cost of Capital Rate (COCR)	11.3310	· · · ·	57
58	Incentive CWIP Return and Associated Income Taxes	\$ -	Line 56 x Line 57	58
59			_	59
60	Total Incentive End of Prior Year Revenues (PYRR $_{\rm EU\textsc{-}IR})$ Excluding FF&U	\$ -	Sum Lines 44; 53; 58	60
61				61
62	E. Total (PYRR EU) Excluding FF&U ³	\$ 216,52	4_ v Sum Lines 35; 60	62

√ Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 4 months ending December 31, 2013

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the 4-Month True-Up Period Ending December 31, 2013 (\$1,000)

Line				Line
No.	A.T. A. D. D.	Amounts	Reference	No.
	A. Transmission Rate Base:			
1	Net Transmission Plant:	0 2067214	O	1
2	Transmission Plant	\$ 3,067,214	Statement BK-1; Page 3; Line 16	2
3 4	Transmission Related Electric Miscellaneous Intangible Plant Transmission Related General Plant	12,892 27,329	Statement BK-1; Page 3; Line 17	3 4
	Transmission Related General Plant Transmission Related Common Plant	The state of the s	Statement BK-1; Page 3; Line 18	-
5	Total Net Transmission Plant	46,508	Statement BK-1; Page 3; Line 19 Sum Lines 2 thru 5	5
6	Total Net Transmission Plant	\$ 3,153,943	Sum Lines 2 thru 5	6
7 8	D-4- D A 11'4'			7 8
9	Rate Base Additions: Transmission Plant Held for Future Use	\$ 6,546	Statement AG; Page 4; Line 1	9
10	Transmission Plant Field for Future Use Transmission Plant Abandoned Project Cost	\$ 6,346	Misc. Statement; Page 17, Line 4	10
11	Total Rate Base Additions	\$ 6,546	Sum Lines 9 thru 10	10
12	Total Rate Base Additions	\$ 0,340	Suili Lilies 9 uliu 10	12
13	Rate Base Reductions:			13
14	Transmission Related Accum. Def. Inc. Taxes	\$ (289,007) V	Statement AF; Page 3; Line 5	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes	3 (282,007) V	Statement AF; Page 3; Line 9	15
16	Total Rate Base Reductions	\$ (289,007) √	Sum Lines 14 thru 15	16
17	Total Rate Base Reductions	<u> </u>	Sum Emes 14 thru 15	17
18	Working Capital:			18
19	Transmission Related Materials and Supplies	\$ 22,401	Statement AL; Page 9; Line 5	19
20	Transmission Related Prepayments	17,742	Statement AL; Page 9; Line 9	20
21	Transmission Related Cash Working Capital	23,235	Statement AL; Page 9; Line 19	21
22	Total Working Capital	\$ 63,378	Sum Lines 19 thru 21	22
23				23
24	Other Regulatory Assets/Liabilities	_	Misc. Statement; Page 17, Line 7	24
25	ě ,		, ,	25
26	Total Transmission Rate Base	\$ 2,934,860 V	Sum Lines 6; 11; 16; 22; 24	26
27				27
28	B. Incentive ROE Project Transmission Rate Base:			28
29	Net Incentive Transmission Plant ¹	S -	Statement BK-1; Page 3; Line 25	29
30	Incentive Transmission Plant Accum. Def. Income Taxes	_	Statement AF; Page 3; Line 7	30
31	Total Incentive ROE Project Transmission Rate Base	\$ -	Sum Lines 29 thru 30	31
32	Total meetave ROL Project Plansinission Rate Base	Ψ	Sum Emes 27 thru 50	32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:			33
34	Incentive Transmission Plant Abandoned Project Cost	<u>s</u> -	Misc. Statement; Page 17, Line 10	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes	_	Statement AF; Page 3; Line 11	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Sum Lines 34 thru 35	36
37				37
38	D. Incentive Transmission Construction Work In Progress ²	\$ -	Statement AM; Page 10; Line 1	38

\forall Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

² Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the 4-Month True-Up Period Ending December 31, 2013 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Plant:	<u> </u>		
1	Gross Transmission Plant:			1
2	Transmission Plant	\$ 3,723,358	Statement AD; Page 1, Line 15	2
3	Transmission Related Electric Misc. Intangible Plant	16,024	Statement AD; Page 1, Line 31	3
4	Transmission Related General Plant	45,182	Statement AD; Page 1, Line 33	4
5	Transmission Related Common Plant	92,352	Statement AD; Page 1, Line 35	5
6	Total Gross Transmission Plant	\$ 3,876,916	Sum Lines 2 thru 5	6
7				7
8	Transmission Related Depreciation Reserve:			8
9	Transmission Plant Depreciation Reserve	\$ 656,144	Statement AE; Page 2, Line 1	9
10	Transmission Related Electric Misc. Intangible Plant Amortization Reserve	3,132	Statement AE; Page 2, Line 11	10
11	Transmission Related General Plant Depr Reserve	17,853	Statement AE; Page 2, Line 13	11
12	Transmission Related Common Plant Depr Reserve	45,844	Statement AE; Page 2, Line 15	12
13	Total Transmission Related Depreciation Reserve	\$ 722,973	Sum Lines 9 thru 12	13
14				14
15	Net Transmission Plant:			15
16	Transmission Plant	\$ 3,067,214	Line 2 Minus Line 9	16
17	Transmission Related Electric Miscellaneous Intangible Plant	12,892	Line 3 Minus Line 10	17
18	Transmission Related General Plant	27,329	Line 4 Minus Line 11	18
19	Transmission Related Common Plant	46,508	Line 5 Minus Line 12	19
20	Total Net Transmission Plant	\$ 3,153,943	Sum Lines 16 thru 19	20
21				21
22	B. Incentive Project Transmission Plant:			22
23	Incentive Transmission Plant ¹	\$ -	Statement AD; Page 1, Line 17	23
24	Incentive Transmission Plant Depreciation Reserve 1	-	Statement AE; Page 2, Line 19	24
25	Total Net Incentive Transmission Plant	\$ -	Line 23 Minus Line 24	25

[√] Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2014 - December 31, 2015 (\$1,000)

Line					Line
No.		A	Amounts	Reference	No.
	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS				
1	A. Derivation of Annual Fix Charge Rate (AFCR FU) Applicable to				1
2	Weighted Forecast Plant Additions:				2
3	PYRR EU Excluding Franchise Fees and Uncollectible	S	216,524 √	Statement BK-1; Page 1; Line 33	3
4	50% of Transmission O&M Expense		(13,339)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense		(17,642)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission		-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		(158)	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment		(778)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit		88	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		101	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use			Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU) Excluding FF&U	\$	184,796 √	Sum Lines 3 thru 11	12
13					13
14	Gross Transmission Plant	\$	3,876,916	Statement BK-1; Page 3, Line 6	14
15					15
16	Annual Fix Charge Rate (AFCR _{EU})		4.7666% √	Line 12 / Line 14	16
17					17
				Summary of HV-LV Plant Additions; Pg 1; Ln 5,	
18	Weighted Forecast Plant Additions	\$	-	Col. (f)	18
19					19
20	Forecast Period Capital Addition Revenue Requirements	\$	-	Line 16 x Line 18	20

 $[\]mbox{\sc v}$ Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2014 - December 31, 2015 (\$1,000)

Line No.		Amounts	Reference	Line No.
	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE			
	CAPITAL PROJECTS			
1	A. Derivation of Annual Fix Charge Rate (AFCR FILIR ROE) Applicable to			1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):			2
3	PYRR EU-IR-ROE Excluding Franchise Fees and Uncollectible	\$ 216,524 √	Statement BK-1; Page 1; Line 33 + Line 42	3
4	50% of Transmission O&M Expense	(13,339)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(17,642)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	(158)	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(778)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	88	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	101	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$ 184,796 √	Sum Lines 3 thru 11	12
13		<u> </u>		13
14	Gross Transmission Plant & Incentive Transmission Plant	\$ 3,876,916	Statement BK-1; Page 3, Line 6 + Line 23	14
15				15
16	Incentive Annual Fix Charge Rate (AFCR EU-IR-ROE)	4.7666% √	Line 12 / Line 14	16
17				17
			Summary of HV-LV Plant Additions; Pg 1; Ln 8;	
18	Incentive Weighted Forecast Plant Additions	\$ -	Col. (f)	18
19				19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC EU-IR-ROE)	\$ -	Line 16 x Line 18	20
21				21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:			22
23	1. For the Period After the Base Period and Before the Rate Effective Period:			23
			Summary of HV-LV Plant Additions; Pg 1; Ln 10;	
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Col. (f)	24
25				25
26	Cost of Capital Rate (COCR)	11.3310% V	Statement AV; Page 15, Line 31	26
27				27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 24 x Line 26	28
29		<u> </u>		29
30	2. For the Period During the Rate Effective Period:			30
			Summary of HV-LV Plant Additions; Pg 1; Ln 12;	
31	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Col. (f)	31
32				32
33	Cost of Capital Rate (COCR)	11.3310% V	Statement AV; Page 15, Line 31	33
34				34
35	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 31 x Line 33	35
36		·		36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Sum Lines 28; 35	37

 $[\]forall$ Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Base Transmission Revenue Requirements (BTRR _{EU}) For the Rate Effective Period January 1, 2015 - December 31, 2015 (\$1,000)

Line No.		A	mounts	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR EU):				1
2 3	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	S	216,524 V	Statement BK-1; Page 1; Line 33	2 3
4					4
5	Incentive End of Prior Year Revenues (PYRR _{EU-IR}) Excluding FF&U		-	Statement BK-1; Page 1; Line 58	5
6			21 (524)	G T: 24 5	6
8	Sub-Total Base Period Revenues	- 5	216,524 V	Sum Lines 3 thru 5	7 8
9	Retail True-Up Period Adjustment	\$	_	(Retail TU Adj; Total Col; Line 29) / 1,000	9
10	Total Title of Total Tojubulou	Ψ.		(return 10 red), return con, zame zo), 1,000	10
11	Retail Interest True-Up Adjustment		-	(Retl Int TU-1 + Retl Int TU-2; Ttl Col; Ln 20)/1,000	11
12					12
13	Sub-Total True-Up Adjustments	\$		Sum Lines 9 thru 11	13
14					14
15	B. Annual Fixed Charges Applicable to Capital Projects:				15
16 17	Forecast Period Capital Addition Revenue Requirements	•	_	Statement BK-1; Page 4, Line 20	16 17
18	Forecast Ferrod Capital Addition Revenue Requirements	Ф	-	Statement BK-1, Fage 4, Line 20	18
19	C. Annual Fixed Charges Applicable to Incentive Capital Projects:				19
20					20
21	Forecast Period Incentive Capital Additions Revenue Requirements (FC EU-IR-ROE)	\$	-	Statement BK-1; Page 5, Line 20	21
22					22
23	D. Incentive Forecast Transmission CWIP Revenues:				23
24					24
25	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	Statement BK-1; Page 5, Line 37	25
26	E C.L. (INTRD. E. L.P. EERL	s	216.524 .4	G I 7 12 17 21 25	26 27
27 28	E. Subtotal BTRR FILL Excluding FF&U:	3	216,524 √	Sum Lines 7; 13; 17; 21; 25	28
28 29	Transmission Related Municipal Franchise Fees Expenses		2,232 V	Line 27 x 1.031%	28
30	Transmission Related Uncollectible Expense		377 V	Line 27 x 0.174%	30
31			3		31
32	F. Total Retail BTRR FIL With FF&U	\$	219,133 v	Sum Lines 27 thru 30	32

 $\mbox{\ensuremath{\checkmark}}$ Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

Derivation of End Use Prior Year Revenue Requirements (PYRR $_{\rm EU}$)

For the 4-Month True-Up Period Ending December 31,2013 (\$1,000)

Line					Line
No.		Amount	s 5	Reference	No.
1	A. Revenues:				1
2	Transmission Operation & Maintenance Expense	\$ 26	,677	Statement AH; Page 5, Line 9	2
3 4	Transmission Related A&G Expense	35	5,284	Statement AH; Page 5, Line 56	3 4
5 6	CPUC Intervenor Funding Expense - Transmission			Statement AH; Page 5, Line 17	5
7 8 9	Total O&M Expenses	\$ 61	,961	Sum Lines 2 thru 6	7 8 9
10 11	Transmission, General, Common Plant Depn. Exp., and Electric Misc. Intangible Plant Amort. Exp.	34	1,866	Statement AJ; Page 7, Line 17	10 11
12 13	Valley Rainbow Project Cost Amortization Expense		158	Statement AJ; Page 7, Line 19	12 13
14 15	Transmission Plant Abandoned Project Cost Amortization Expense		-	Statement AJ; Page 7, Line 23	14 15
16 17	Transmission Related Property Taxes Expense	8	3,877	Statement AK; Page 8, Line 27	16 17
18 19	Transmission Related Payroll Taxes Expense		722	Statement AK; Page 8, Line 33	18 19
20 21	Sub-Total Expense	\$ 106	5,584	Sum Lines 8 thru 18	20 21
22	Cost of Capital Rate (COCR)		334%	Statement AV; Page 15, Line 31	22
23	Transmission Rate Base	2,830		Statement BK-1; Page 2, Line 26	23
24	Return and Associated Income Taxes	\$ 320	0,805	Line 22 x Line 23	24
25 26	Proration Factor for 4 Mo T/U Prorated Four Month Return for 4 Month T/U	\$ 106	33% 5,935	1/3 Line 24 x Line 25	25 26
27	Fibrated Four World Return for 4 Month 1/O	\$ 100	1,933	Line 24 x Line 23	27
28	South Georgia Income Tax Adjustment	\$	778	Statement AQ; Page 11, Line 1	28
29	Transmission Related Amortization of Investment Tax Credits	Ψ	(88)	Statement AR; Page 12, Line 1	29
30	Transmission Related Amortization of Excess Deferred Tax Liabilities		(101)	Statement AR; Page 12, Line 3	30
31	Transmission Related Revenue Credits		,499)	Statement AU; Page 13, Line 11	31
32	Transmission Related Regulatory Debits		-	Misc. Statement; Page 17, Line 1	32
33	(Gains)/Losses from Sale of Plant Held for Future Use			Statement AU; Page 13, Line 13	33
34					34
35 36	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$ 212	2,609	Line 20 + Sum Lines (24 thru 33)	35 36
37	B. Incentive ROE Project Transmission Revenue:				37
38 39	Incentive Transmission Plant Depreciation Expense	\$		Statement AJ; Page 7; Line 21	38 39
40	Incentive Cost of Capital Rate (ICOCR) 1	0.0	000% ⁴	Statement AV; Page 16, Line 31	40
41	Total Incentive ROE Project Transmission Rate Base	\$	-	Statement BK-1; Page 2; Line 31	41
42 43	Incentive ROE Project Return and Associated Income Taxes	\$	-	Line 40 x Line 41	42 43
44 45	Total Incentive ROE Project Transmission Revenue	\$		Sum Lines 38; 42	44 45
46	C. Incentive Transmission Plant Abandoned Project Revenue:				46
47 48	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$	-	Statement AJ; Page 7; Line 25	47 48
49	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$	-	Statement BK-1; Page 2; Line 36	49
50	Cost of Capital Rate (COCR)	11.3	<mark>334%</mark>	Statement AV; Page 15, Line 31	50
51 52	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	\$	-	Line 49 x Line 50	51 52
53 54	Total Incentive Transmission Plant Abandoned Project Revenue	\$		Sum Lines 47; 51	53 54
55	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:				55
56	Incentive Transmission Construction Work In Progress ²	\$	-	Statement BK-1; Page 2; Line 38	56
57	Cost of Capital Rate (COCR)	11.3	334%	Statement AV; Page 15, Line 31	57
58	Incentive CWIP Return and Associated Income Taxes	\$	<u>-</u>	Line 56 x Line 57	58
59					59
60 61	Total Incentive End of Prior Year Revenues (PYRR _{EU-IR}) Excluding FF&U	\$	<u>-</u>	Sum Lines 44; 53; 58	60 61
62	E. Total (PYRR FI) Excluding FF&U ³	\$ 212	2,609	Sum Lines 35; 60	62

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 4 months ending December 31, 2013

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the 4-Month True-Up Period Ending December 31,2013 (\$1,000)

Line			P. 6	Line
No.	A. T	Amounts	Reference	No.
	A. Transmission Rate Base: Net Transmission Plant:			1
1	Net Transmission Plant: Transmission Plant	0. 2.077.214	C D.V. 1 D 2 L 16	1
2		\$ 3,067,214	Statement BK-1; Page 3; Line 16	2
3 4	Transmission Related Electric Miscellaneous Intangible Plant Transmission Related General Plant	12,892 27,329	Statement BK-1; Page 3; Line 17 Statement BK-1; Page 3; Line 18	3 4
5	Transmission Related General Plant Transmission Related Common Plant			5
6	Total Net Transmission Plant	\$ 3,153,943	Statement BK-1; Page 3; Line 19 Sum Lines 2 thru 5	6
7	Total Net Transmission Plant	\$ 3,133,943	Sum Lines 2 thru 3	7
8	Rate Base Additions:			8
9	Transmission Plant Held for Future Use	\$ 6,546	Statement A.C. Bage 4. Line 1	9
10	Transmission Plant Abandoned Project Cost	\$ 6,346	Statement AG; Page 4; Line 1 Misc. Statement; Page 17, Line 4	10
11	Total Rate Base Additions	\$ 6,546	Sum Lines 9 thru 10	10
12	Total Rate Base Additions	\$ 0,340	Sum Lines 9 thru 10	12
13	Rate Base Reductions:			13
14	Transmission Related Accum. Def. Inc. Taxes	\$ (393,258)	Statement AF; Page 3; Line 5	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes	\$ (393,238)	Statement AF; Page 3; Line 9	15
16	Total Rate Base Reductions	\$ (393,258)	Sum Lines 14 thru 15	16
17	Total Rate Base Reductions	\$ (373,238)	Sum Lines 14 tinu 13	17
18	Working Capital:			18
19	Transmission Related Materials and Supplies	\$ 22,401	Statement AL; Page 9; Line 5	19
20	Transmission Related Prepayments	17,742	Statement AL; Page 9; Line 9	20
21	Transmission Related Cash Working Capital	23,235	Statement AL; Page 9; Line 19	21
22	Total Working Capital	\$ 63,378	Sum Lines 19 thru 21	22
23	Town Working Cupium	<u> </u>	Sum Emes 19 unu 21	23
24	Other Regulatory Assets/Liabilities	_	Misc. Statement; Page 17, Line 7	24
25				25
26	Total Transmission Rate Base	\$ 2,830,609	Sum Lines 6; 11; 16; 22; 24	26
27		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-, , , ,	27
28	B. Incentive ROE Project Transmission Rate Base:			28
29	Net Incentive Transmission Plant ¹	\$ -	Statement BK-1; Page 3; Line 25	29
30	Incentive Transmission Plant Accum. Def. Income Taxes		Statement AF; Page 3; Line 7	30
31	Total Incentive ROE Project Transmission Rate Base	\$ -	Sum Lines 29 thru 30	31
32	Total meentive ROL Hoject Hansimssion Rate Base	φ -	Sum Emes 2) unu 30	32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:			33
34	Incentive Transmission Plant Abandoned Project Cost	s -	Misc. Statement; Page 17, Line 10	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes	_	Statement AF; Page 3; Line 11	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Sum Lines 34 thru 35	36
37	Dubband Figure 1 and Franchist 1 and Fra		Jam Lines J. and J.	37
38	D. Incentive Transmission Construction Work In Progress ²	\$ -	Statement AM; Page 10; Line 1	38

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

 $^{^{\}rm 2}$ Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the 4-Month True-Up Period Ending December 31,2013 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Plant:			
1	Gross Transmission Plant:			1
2	Transmission Plant	\$ 3,723,358	Statement AD; Page 1, Line 15	2
3	Transmission Related Electric Misc. Intangible Plant	16,024	Statement AD; Page 1, Line 31	3
4	Transmission Related General Plant	45,182	Statement AD; Page 1, Line 33	4
5	Transmission Related Common Plant	92,352	Statement AD; Page 1, Line 35	5
6	Total Gross Transmission Plant	\$ 3,876,916	Sum Lines 2 thru 5	6
7				7
8	<u>Transmission Related Depreciation Reserve:</u>			8
9	Transmission Plant Depreciation Reserve	\$ 656,144	Statement AE; Page 2, Line 1	9
10	Transmission Related Electric Misc. Intangible Plant Amortization Reserve	3,132	Statement AE; Page 2, Line 11	10
11	Transmission Related General Plant Depr Reserve	17,853	Statement AE; Page 2, Line 13	11
12	Transmission Related Common Plant Depr Reserve	45,844	Statement AE; Page 2, Line 15	12
13	Total Transmission Related Depreciation Reserve	\$ 722,973	Sum Lines 9 thru 12	13
14				14
15	Net Transmission Plant:			15
16	Transmission Plant	\$ 3,067,214	Line 2 Minus Line 9	16
17	Transmission Related Electric Miscellaneous Intangible Plant	12,892	Line 3 Minus Line 10	17
18	Transmission Related General Plant	27,329	Line 4 Minus Line 11	18
19	Transmission Related Common Plant	46,508	Line 5 Minus Line 12	19
20	Total Net Transmission Plant	\$ 3,153,943	Sum Lines 16 thru 19	20
21		<u> </u>		21
22	B. Incentive Project Transmission Plant:			22
23	Incentive Transmission Plant ¹	\$ -	Statement AD; Page 1, Line 17	23
24	Incentive Transmission Plant Depreciation Reserve ¹	-	Statement AE; Page 2, Line 19	24
25	Total Net Incentive Transmission Plant	\$ -	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2014 - December 31, 2015 (\$1,000)

Line					Line
No.		Α	Amounts	Reference	No.
	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS				
1	A. Derivation of Annual Fix Charge Rate (AFCR EU) Applicable to				1
2	Weighted Forecast Plant Additions:				2
3	PYRR _{EU} Excluding Franchise Fees and Uncollectible	\$	212,609	Statement BK-1; Page 1; Line 33	3
4	50% of Transmission O&M Expense		(13,339)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense		(17,642)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission		-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		(158)	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment		(778)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit		88	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		101	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use			Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU) Excluding FF&U	\$	180,882	Sum Lines 3 thru 11	12
13		-			13
14	Gross Transmission Plant	\$	3,876,916	Statement BK-1; Page 3, Line 6	14
15					15
16	Annual Fix Charge Rate (AFCR EU)		4.6656%	Line 12 / Line 14	16
17					17
				Summary of HV-LV Plant Additions; Pg 1; Ln 5,	
18	Weighted Forecast Plant Additions	\$	-	Col. (f)	18
19	-				19
20	Forecast Period Capital Addition Revenue Requirements	\$	-	Line 16 x Line 18	20

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2014 - December 31, 2015 (\$1,000)

Line No.		Amounts	Reference	Line No.
110.	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE	Amounts	Reference	INO.
	CAPITAL PROJECTS			
1	A. Derivation of Annual Fix Charge Rate (AFCR ELLIR ROF) Applicable to			1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):			2
3	PYRR FULIR-ROE Excluding Franchise Fees and Uncollectible	\$ 212,609	Statement BK-1; Page 1; Line 33 + Line 42	3
4	50% of Transmission O&M Expense	(13,339)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(17,642)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	(158)	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(778)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	88	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	101	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$ 180,882	Sum Lines 3 thru 11	12
13				13
14	Gross Transmission Plant & Incentive Transmission Plant	\$ 3,876,916	Statement BK-1; Page 3, Line 6 + Line 23	14
15				15
16	Incentive Annual Fix Charge Rate (AFCR _{EU-IR-ROE}) ¹	4.6656%	Line 12 / Line 14	16
17				17
			Summary of HV-LV Plant Additions; Pg 1; Ln 8;	
18	Incentive Weighted Forecast Plant Additions	\$ -	Col. (f)	18
19				19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC EU-IR-ROE)	\$ -	Line 16 x Line 18	20
21				21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:			22
23	1. For the Period After the Base Period and Before the Rate Effective Period:			23
			Summary of HV-LV Plant Additions; Pg 1; Ln 10;	
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Col. (f)	24
25				25
26	Cost of Capital Rate (COCR)	11.3334%	Statement AV; Page 15, Line 31	26
27				27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 24 x Line 26	28
29				29
30	2. For the Period During the Rate Effective Period:			30
21	The state of the s	Ф.	Summary of HV-LV Plant Additions; Pg 1; Ln 12;	2.1
31 32	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Col. (f)	31 32
	C + CC '- ID +	11.222.407	0	
33	Cost of Capital Rate (COCR)	11.3334%	Statement AV; Page 15, Line 31	33
34	I d' T d' D d'Allan d' D D	Φ.	I: 21 I: 22	34
35 36	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 31 x Line 33	35
	Total Incontina Transmission Forescot CWID Projects Revenue Regularity	•	Sum Lines 28: 25	36 37
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Sum Lines 28; 35	3/

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Base Transmission Revenue Requirements (BTRR _{EU}) For the Rate Effective Period January 1, 2015 - December 31, 2015 (\$1,000)

Line No.		Amounts		Reference	
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR FII):				1
2					2
3	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$	212,609	Statement BK-1; Page 1; Line 33	3
4					4
5	Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U		-	Statement BK-1; Page 1; Line 58	5
6		-			6
7	Sub-Total Base Period Revenues	\$	212,609	Sum Lines 3 thru 5	7
8		_			8
9	Retail True-Up Period Adjustment	\$	-	(Retail TU Adj; Total Col; Line 29) / 1,000	9
10	Retail Interest True-Up Adjustment			(Retl Int TU-1 + Retl Int TU-2; Ttl Col; Ln 20)/1,000	10 11
11 12	Retail Interest True-Op Adjustment	-		(Reti Int 10-1 + Reti Int 10-2; 1ti Coi; Lh 20)/1,000	12
13	Sub-Total True-Up Adjustments	\$	_	Sum Lines 9 thru 11	13
14	Sao Tomi Tiao op Tajasmento			Sum Emes / unu 11	14
15	B. Annual Fixed Charges Applicable to Capital Projects:				15
16					16
17	Forecast Period Capital Addition Revenue Requirements	\$	-	Statement BK-1; Page 4, Line 20	17
18					18
19	C. Annual Fixed Charges Applicable to Incentive Capital Projects:				19
20					20
21	Forecast Period Incentive Capital Additions Revenue Requirements (FC EU-IR-ROE)	\$	-	Statement BK-1; Page 5, Line 20	21
22	D. L. of E. O. O. C.				22
23 24	D. Incentive Forecast Transmission CWIP Revenues:				23 24
25	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	_	Statement BK-1; Page 5, Line 37	25
26	meentive Transmission Forceast CWI Trojects revenue requirements	Ψ	=	Statement BK-1, 1 age 3, Eme 37	26
27	E. Subtotal BTRR FU Excluding FF&U:	\$	212,609	Sum Lines 7; 13; 17; 21; 25	27
28			,	1, 2, 1, ,	28
29	Transmission Related Municipal Franchise Fees Expenses		2,192	Line 27 x 1.031%	29
30	Transmission Related Uncollectible Expense		370	Line 27 x 0.174%	30
31					31
32	F. Total Retail BTRR FU With FF&U	\$	215,171	Sum Lines 27 thru 30	32

Statement AF - Workpapers Deferred Credits Base Period 12 - Months Ending December 31, 2013 (\$1,000)

Line No	(a) 31-Dec-12) = [(a)+(b)]/2 verage Balance	Reference	Line No
1 Transmission Related ADIT- Excluding Bonus	Depreciation \$ (211,753)	\$ (276,123)	(243,938)	Stmt AF WP; Page AF-1; Line 1	1
Transmission Related ADIT from Bonus Depree	ciation (7,052)	V (83,086) V	(45,069) v	Stmt AF WP; Page AF-1; Line 3	3 4
5 Total Transmission Related ADIT	\$ (218,804)	v \$ (359,209) v \$	(289,007) √	Sum of Lines 1 thru 3	5
6 7				Form 1; Pg. 450.1; Sch. Pg. 274; Ln 2; Cols. b and k	6 7
8 Incentive Transmission Plant ADIT	\$ -	\$ - \$	<u>-</u>	Stmt AF WP; Page AF-2; Line 1	8
10 Transmission Plant Abandoned ADIT	\$ -	\$ - \$	<u>-</u>	Stmt AF WP; Page AF-2; Line 4	10
12 Incentive Transmission Plant Abandoned Project	ct Cost ADIT \$ -	\$ - \$	<u> </u>	Stmt AF WP; Page AF-2; Line 7	12

 $^{{\}it v}$ Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

Statement AV - Workpapers

Cost of Capital and Fair Rate of Return For the 4-Month True-Up Period Ending December 31,2013 (\$1,000)

Line No.					Amounts	Reference	Line No.
1101	-						
1	Long-Term Debt Component - Denomin						1
2	(Plus) Bonds (Acct. 221) (p112.Line18c				\$ 3,926,855	Form 1; Page 112; Line 18c	2
3	(Less) Reacquired Bonds (Acct. 222) (p				-	Form 1; Page 112; Line 19c	3
4	(Plus) Other Long-Term Debt (Acct. 224		*		123,900	Form 1; Page 112; Line 21c	4
5	(Plus) Unamortized Premium on Long-T				-	Form 1; Page 112; Line 22c	5
6	(Less) Unamortized Discount on Long-T				10,953	Form 1; Page 112; Line 23c	6
7	LTD = Long Term Debt (p112, sum of I)	Line17d thru Lin	e22d, details on	p256-257)	\$ 4,039,802	Line 2 Minus Line 3 Plus Lines 4 & 5 Minus Line 6	7
8	T. Disc.						8
9	Long-Term Debt Component - Numerate				0 106.465	F 1 D 117 L' (2	9
10	(Plus) Interest on Long-Term Debt (427) (Plus) Amort. of Debt Disc. and Expense				\$ 186,465	Form 1; Page 117; Line 62c	10
11 12	(Plus) Amort. of Debt Disc. and Expense (Plus) Amortization of Loss on Reacquin				3,084 2,537	Form 1; Page 117; Line 63c Form 1; Page 117; Line 64c	11 12
13	(Less) Amort. of Premium on Debt-Cred				2,337	Form 1; Page 117; Line 65c	13
13	(Less) Amortization of Gain on Reacqui			nahha)	-	Form 1; Page 117; Line 66c	14
15	i = LTD interest (p117, sum of Line56c			neooc)	\$ 192,086	Sum Lines 10; 11; 12 Minus Lines 13 & 14	15
16	1 – LTD interest (p117, sum of Linesoc	una Emedoc, ac	tans on p237))		3 172,000	Sum Lines 10, 11, 12 winds Lines 13 & 14	16
17	Cost of Long-Term Debt:				4.75%	Line 15 / Line 7	17
18	Cost of Long-Term Debt.				4.7370	Line 13 / Line /	
	Preferred Equity Component:						18 19
19 20	PF = Preferred Stock - Acct 204 (p112.3	(a)			•	Form 1; Page 112; Line 3c	20
21	d(pf) = Total Dividends Declared-Prefer		437) (n118 20a	.)	\$ 1,205	Form 1; Page 118; Line 29c	21
22	Cost of Preferred Equity	ica Stocks (Acc)	4 37) (p116.2)c	,	0.00%	Line 21 / Line 20	22
23	Cost of Freience Equity				0.0070	Elife 217 Elife 20	23
24	Common Equity Component:						24
25	Proprietary Capital (p112.16c)				\$ 4,629,716	Form 1; Page 112; Line 16c	25
26	(Less) Preferred Stock - Acct 204 (p112.	3c)			4,025,710	Form 1; Page 112; Line 3c	26
27	(Less) Unappropriated Undistributed Su		s (Acct. 216.1) (n112.12c)	_	Form 1; Page 112; Line 12c	27
28	(Less) Accumulated Other Comprehensi				9,010	Form 1; Page 112; Line 15c	28
29	CS = Common Stock	ive income (rice)	. 21)) (p112.13e	,	\$ 4,620,706	Line 25 Minus Lines 26, 27 & 28	29
30					1,020,700	2m 20 mm 2 2m 20, 27 00 20	30
31	Return on Common Equity:				10.05%	Offer of Settlement in FERC Docket No. ER13-941-001	31
32	• •	(a)	(b)	(c)	(d) = (b) x (c)		32
33		. ,	Cap. Struct.	Cost of	Weighted		33
34	Weighted Cost of Capital:	Amount 1	Ratio	Capital	Cost of Capital		34
35							35
36	Long-Term Debt	\$ 4,039,802	46.65%	4.75%	2.22%	Col. C = Line 17 Above	36
37	Preferred Equity	-	0.00%	0.00%	0.00%	Col. $C = Line 22 Above$	37
38	Common Equity	4,620,706	53.35%	10.05%	5.36%	Col. $C = Line 31 Above$	38
39	Total Capital	\$ 8,660,508	100.00%		7.58%	Sum Lines 36 thru 38	39
40	-						40
41	Cost of Equity Component (Preferred &	Common):			5.36%	Sum Lines 37; 38; Col. (d)	41
42							42
43							43
44	Incentive Return on Common Equity: ²					Stmt AV WP; Page AV	44
45		(a)	(b)	(c)	(d) = (b) x (c)	· •	45
46			Cap. Struct.	Cost of	Weighted		46
47	Weighted Cost of Capital:	Amount 1	Ratio	Capital	Cost of Capital		47
48			111110	Сиріші	205t of Cupital		48
49	Long-Term Debt	\$ 4,039,802	46.65%	4.75%	2.22%	Col. C = Line 17 Above	49
50	Preferred Equity	- ,,,,,,,,,,,,	0.00%	0.00%	0.00%	Col. C = Line 22 Above	50
51	Common Equity	4,620,706	53.35%	0.00%	0.00%	Col. C = Line 44 Above	51
52	Total Capital	\$ 8,660,508	100.00%		2.22%	Sum Lines 49 thru 51	52
53	•						53
54	Incentive Cost of Equity Component (Pr	referred & Comn	non):		0.00%	Sum Lines 50; 51; Col. (d)	54
	* * * *					, , , , ,	

Amount is based upon December 31 balances.

The Incentive Return on Common Equity will be tracked and shown separately for each project. As a result, lines 44 through 54 will be repeated for each project.

Statement AV

Cost of Capital and Fair Rate of Return

For the 4-Month True-Up Period Ending December 31,2013

(\$1,000)

Line					Line
No.			Amounts	Reference	No.
1	Cost of Capital Rate (COCR) Calculation:				1
2	(,				2
	a. Federal Income Tax Component:				3
4					4
5	Where:				5
6	A = Sum of Preferred Stock and Return on Equity Component		5.36%	Stmnt AV WP; Page AV1; Line 41	6
7	B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab.	\$	567	Statement AR; Page 12; Line 5	7
8	C = Equity AFUDC Component of Transmission Depreciation Expense	\$	4,175	Stmt AV WP; Page AV-1A	8
9	D = Transmission Rate Base	\$	2,934,860 v	Statement BK1; Page 2; Line 26	9
10	FT = Federal Income Tax Rate @ 35%		35%	Federal Income Tax Rate	10
11					11
	Federal Income Tax = $(((A) + (C/D)) * FT) - (B/D)$		2.9330% √	Federal Income Tax Expense	12
13	(1 - FT)				13
14					14
	B. State Income Tax Component:				15
16 17	Where:				16 17
18			5.36%	Cturet AV WD. Dogo AVI. Line 41	17
	A = Sum of Preferred Stock and Return on Equity Component			Stmnt AV WP; Page AV1; Line 41	
19 20	B = Equity AFUDC Component of Transmission Depreciation Expense C = Transmission Rate Base	\$ \$	4,175	Line 8 Above	19
20	C = Transmission Rate Base FT = Federal Income Tax Expense	3	2,934,860 √ 2,9330% √	Statement BK1; Page 2; Line 26 Line 12 Above	20 21
22	ST = State Income Tax Rate @ 8.84%		8.84%	State Income Tax Rate	22
23	51 – State meome Tax Rate (b) 6.6470		0.04/0	State meonic Tax Rate	23
	State Income Tax = $((A) + (B/C) + Federal Income Tax)*(ST)$		0.8180% √	State Income Tax Expense	24
25	(1 - ST)				25
26	,				26
27	C. Total Federal & State Income Tax Rate:		3.7510% V	Sum Lines 12; 24	27
28					28
29	D. Total Weighted Cost of Capital:		7.5800%	Stmnt AV WP; Page AV1; Line 39	29
30					30
31	E. Cost of Capital Rate (COCR):		11.3310% V	Sum Lines 27; 29	31

 $^{{\}it V}$ Items that are in bold have changed compared to the original TO4 Cycle 2 filing per ER15-553.

Statement AV

Cost of Capital and Fair Rate of Return

For the 4-Month True-Up Period Ending December 31,2013 (\$1,000)

Line Line No. Reference Amounts No. 1 Incentive Cost of Capital Rate (ICOCR) Calculation: 1 1 2 2 3 3 a. Federal Income Tax Component: 4 4 5 5 A = Sum of Preferred Stock and Return on Equity Component 0.00% Stmnt AV WP; Page AV1; Line 54 6 6 7 B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab. 0 Shall be Zero for Incentive ROE Projects 7 Stmt AV WP; Page AV 8 C = Equity AFUDC Component of Transmission Depreciation Expense 8 9 D = Incentive ROE Project Transmission Rate Base Statement BK1; Page 2; Line 31 9 35% Stmnt AV WP; Page AV2; Line 10 10 10 FT = Federal Income Tax Rate @ 35% 11 11 Federal Income Tax = (((A) + (C / D)) * FT) - (B / D)0.0000% Federal Income Tax Expense 12 12 13 (1 - FT)13 14 14 15 B. State Income Tax Component: 15 16 16 17 Where: 17 0.00% Stmnt AV WP; Page AV1; Line 54 18 A = Sum of Preferred Stock and Return on Equity Component 18 19 Line 8 Above B = Equity AFUDC Component of Transmission Depreciation Expense 19 20 C = Incentive ROE Project Transmission Rate Base \$ Line 9 Above 20 0.0000% 2.1 FT = Federal Income Tax Expense Line 12 Above 2.1 22 ST = State Income Tax Rate @ 8.84% 8.84% Stmnt AV WP; Page AV2; Line 22 22 23 23 State Income Tax Expense 24 State Income Tax = ((A) + (B / C) + Federal Income Tax)*(ST)0.0000% 24 25 25 (1 - ST)26 26 27 C. Total Federal & State Income Tax Rate: 0.0000% Sum Lines 12; 24 27 28 28 Stmnt AV WP; Page AV1; Line 52 29 29 2.2200% D. Total Incentive Weighted Cost of Capital: 30 30 E. Incentive Cost of Capital Rate (ICOCR): 31 2.2200% 31 Sum Lines 27; 29

The Incentive Cost of Capital Rate Calculation will be tracked and shown separately for each project. As a result, lines 3 through 31 will be repeated for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

San Diego Gas & Electric Company ADIT Error Correction Plus Accrued Interest Expense (Jan 2013 - Dec 2018) (\$1,000)

ģ											CI 07									
L	Description	Reference	Jan-13	H	Feb-13	M	Mar-13	Apr-13	M	May-13	Jun-13	Jr	Jul-13	Aug-13		Sep-13	Oct-13		Nov-13	Dec-13
	1 Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	∞	جو		S		· ·	s	1		S		٠ •	· ·		\$ 1,	1,223 \$	2,153	\$ 3,041
	Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period ¹	See Footnote	0.0	%00.0	%00:0	%	0.00%	%00:0	%0	%00.0	%00:0	%	0.00%	0.0	%00.0	31.19%		23.62%	22.50%	22.69%
	Retail BTRR Excluding FF&U Difference Associated with the ADIT Error Correction ²	Line 3 x Line 5, 'Total' Column	<i>S</i> 9	99		€		<i>∞</i>	es.	1	1	€		9-	· •	1,221	se.	925 \$	881	∞
	6 7 Interest Expense Calculation: 3 8 Beginning Balance for Interest Calculation	Beginning Quarterly Balances	S	€9		↔			↔			€9		, \$\infty\$	<i>\$</i>		\$ 1,	1,223 \$	1,223	\$ 1,223
_	9 Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		0	0	-	0		0	0		-	0		0	611		462	1,365	2,250
2 2 2	11 12 Basis for Interest Expense Calculation 13	Line 8 + Line 10		0	0	-	0		0	0	-	-	0		0	611		1,685	2,588	3,473
	Monthly Interest Rate 4	FERC Monthly Rates	0.28000%	%0	0.25000%		0.28000%	0.27000%		0.28000%	0.27000%		0.28000%	0.28000%	%00	0.27000%		0.28000%	0.27000%	0.28000%
16	16 Interest Expense	Line 12 x Line 14	· •	%	•	99		s	SS	-	·	99		s	se .	2	s	se se	7	se
~ ~	1) 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	s	99	'	se	'	s	s	-	-	se.	'	s	ee -	1,223	s	2,153 \$	3,041	\$ 3,939

NOTES:

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

J Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

San Diego Gas & Electric Company ADIT Error Correction Plus Accrued Interest Expense (Jan 2013 - Dec 2018) (\$1,000)

Line											2014									
No.	Description	Reference	Ja	Jan-14	Feb-14	i	Mar-14	Apr-14	May-14		Jun-14	Jul-14	#	Aug-14	Sep-14		Oct-14	Nov-14	D	Dec-14
	Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	s	3,939 \$	\$ 3,950	s 0s	3,960	\$ 3,971	\$ 3,5	3,982 \$	3,993	& 4	4,004	4,015	\$ 4,0	4,026 \$	4,037	\$ 4,048	\$	4,059
3.5	Ratio of Revised True-up Cost of Service Revenues / Total			%00.0	0.00%	3%	0.00%	0.00%		%00.0	0.00%	Ö	0.00%	0.00%		0.00%	0.00%	0.00%	%(0.00%
	True-up Cost of Service Revenues for the TU Period 1	See Footnote 1																		
4																_				
5	Retail BTRR Excluding FF&U Difference Associated	Line 3 x Line 5, 'Total' Column	€9	1		€9	•	· •	9	99		8	·	•	99	99		· •	S	•
	with the ADIT Error Correction 2																			
9																				
7	Interest Expense Calculation: 3																			
8	Beginning Balance for Interest Calculation	Beginning Quarterly Balances	s	3,939	\$ 3,939	39 \$	3,939	\$ 3,971	s	3,971 \$	3,971	\$	4,004	4,004	\$ 4,0	4,004	4,037	\$ 4,037	37 \$	4,037
6																				
0	10 Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		0		0	0	0		0	0		0	0		0	0		0	0
12	12 Basis for Interest Expense Calculation	Line 8 + Line 10		3,939	3,939	39	3,939	3,971	Ę	3,971	3,971	4	4,004	4,004	4,	4,004	4,037	4,037	3.7	4,037
2											_									
4	14 Monthly Interest Rate 4	FERC Monthly Rates	0	0.28000%	0.25000%		0.28000%	0.27000%	0.28000%	%0C	0.27000%	0.28000%	%00v	0.28000%	0.27000%		0.28000%	0.27000%		0.28000%
5																				
9	16 Interest Expense	Line 12 x Line 14	s	11 \$	8 1	10 \$	11	\$ 11	8	11 \$	11	8	11 \$	11	8	11 \$	11	8 1	11 \$	1
1																				
· ·	18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	s	3,950 \$	3,960	8 09	3,971	\$ 3,982	s	3,993 \$	4,004	\$	4,015 \$	4,026	\$ 4,0	4,037 \$	4,048	\$ 4,059	S 65	4,070
6																				

NOTES:

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

J Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

San Diego Gas & Electric Company ADIT Error Correction Plus Accrued Interest Expense (Jan 2013 - Dec 2018) (\$1,000)

Š.										CI07									
۱	Description	Reference	Jan-15	2	Feb-15	Mar-15	H	Apr-15	May-15	Jun-15	Jul-15	15	Aug-15	Sep-15		Oct-15	Nov-15	Dř	Dec-15
	Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	8	4,070 \$	4,081	\$ 4,091	8 16	4,102 \$	4,113	\$ 4,124	€9	4,135 \$	4,147	se.	4,159 \$	4,170	\$ 4,182	89	4,193
7 60	Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period ¹	See Footnote		%00.0	0.00%		%00.0	%00.0	0.00%	0.00%		0.00%	0.00%		%00.0	0.00%	%00.0	%	0.00%
4 %	Retail BTRR Excluding FF&U Difference Associated with the ADIT Error Correction 2	Line 3 x Line 5, 'Total' Column	s	9		s _s	99	-	-	· •	99	9		%	€9		· ·	se.	
9 7 8 9	6 7 Interest Expense Calculation: 3 8 Beginning Balance for Interest Calculation	Beginning Quarterly Balances	8	4,070 \$	4,070	€9	4,070 \$	4,102 \$	4,102	\$ 4,102	€9	4,135 \$	4,135	↔	4,135 \$	4,170	\$ 4,170	\$	4,170
0 -	9 Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		0	0		0	0	0			0	0		0	0)	0	0
- 7 "	11 12 Basis for Interest Expense Calculation 13	Line 8 + Line 10	7	4,070	4,070	4,070	024	4,102	4,102	4,102		4,135	4,135		4,135	4,170	4,170		4,170
4 4	Monthly Interest Rate 4	FERC Monthly Rates	0.28	0.28000%	0.25000%	0.28000%		0.27000%	0.28000%	0.27000%		0.28000%	0.28000%	0.27000%		0.28000%	0.27000%		0.28000%
0 0	16 Interest Expense	Line 12 x Line 14	S	11 8	10	s	11 8	11	11	\$	8	12 \$	12	s	11 8	12	S 11	se	12
~ ∞	11/ 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	8	8 180,	4,091	\$ 4,1	4,102 \$	4,113 \$	4,124	\$ 4,135	9	4,147 \$	4,159	se	4,170 \$	4,182	\$ 4,193	8	4,205

NOTES:

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

J Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

San Diego Gas & Electric Company ADIT Error Correction Plus Accrued Interest Expense (Jan 2013 - Dec 2018) (\$1,000)

Line											2016	91								
No.	Description	Reference	Ja	Jan-16	Feb-16		Mar-16	Apr-16	May-16		Jun-16	Jul-16		Aug-16	Sep	Sep-16	Oct-16		Nov-16	Dec-16
	Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	S	4,205	\$ 4,217	\$	4,228	\$ 4,240	99	4,252 \$	4,264	se	4,276 \$	4,289	s	4,302 \$	\$ 4,314	8 41	4,327	\$ 4,340
	Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period	See Footnote I		0.00%	0.00%	%0t	0.00%	%00.0		%00.0	0.00%	0.	%00.0	0.00%		0.00%	0.00%	%0	0.00%	%00.0
	Retail BTRR Excluding FF&U Difference Associated with the ADIT Error Correction ²	Line 3 x Line 5, 'Total' Column	S	1	9	٠		· •	∞	· ·	1	S	· ·		∞	1	· ·	∞		se.
9 / 8	6 7 Interest Expense Calculation: 3 8 Beginning Balance for Interest Calculation	Beginning Quarterly Balances	\$	4,205	\$ 4,205	\$ 500	4,205	\$ 4,240	\$	4,240 \$	4,240	\$ 4,2	4,276 \$	4,276	\$	4,276 \$	\$ 4,314	\$ 41	4,314	\$ 4,314
_	9 10 Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		0		0	0		0	0	0		0	0		0		0	0	
	11 Basis for Interest Expense Calculation	Line 8 + Line 10		4,205	4,205	05	4,205	4,240		4,240	4,240	4,	4,276	4,276		4,276	4,314	41	4,314	4,314
	Monthly Interest Rate 4	FERC Monthly Rates	0.	0.28000%	0.26000%		0.28000%	0.28000%		0.29000%	0.28000%	0.30000%	%0(0.30000%		0.29000%	0.30000%		0.29000%	0.30000%
2 9 5	15 Interest Expense	Line 12 x Line 14	s	12	S	11	12	\$ 12	s	12 \$	12	s	13 \$	13	s	12 \$	3	13 \$	13	S
~ ~	1.7 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	s	4,217	\$ 4,228	\$ 82	4,240	\$ 4,252	S	4,264 \$	4,276	\$ 4,2	4,289 \$	4,302	8	4,314 \$	\$ 4,327	27 8	4,340	\$ 4,353

NOTES:

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

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San Diego Gas & Electric Company ADIT Error Correction Plus Accrued Interest Expense (Jan 2013 - Dec 2018) (\$1,000)

Line											26	2017								
Š.	Description	Reference	Jа	Jan-17	Feb-17		Mar-17	Apr-17	May-17	-17	Jun-17	Jul-17		Aug-17	Sep-17		Oct-17	Nov-17	7	Dec-17
- 0	Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	s	4,353	\$ 4,3	4,366 \$	4,378	\$ 4,391	s	4,404 S	4,418	99	4,431 \$	4,446	∞	4,461 \$	4,476	Se	4,492 \$	4,508
7 m	2 3 Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period 1			%00.0	0.0	%00.0	0.00%	%00:0		0.00%	0.00%		0.00%	0.00%		%00.0	0.00%		%00.0	0.00%
4 %	Retail BTRR Excluding FF&U Difference Associated with the ADIT Error Correction?	See Footnote 1 Line 3 x Line 5, 'Total' Column	S		· ·		,	Se	∞			∞	· ·		∞			s	· ·	
9 2 8	6 7 Interest Expense Calculation: 3 8 Beginning Balance for Interest Calculation	Beginning Quarterly Balances	69	4,353	\$ 4,353	\$53 \$	4,353	\$ 4,391	\$ 10	4,391 \$	4,391	\$	4,431 \$	4,431	€9	4,431 \$	4,476	€	4,476 \$	4,476
6 9	9 10 Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		0		0	0		0	0	0		0	0		0	0		0	0
- 2 :	111 Basis for Interest Expense Calculation	Line 8 + Line 10		4,353	4,353	:53	4,353	4,391		4,391	4,391	4,	4,431	4,431	4	4,431	4,476		4,476	4,476
2 4 7	Monthly Interest Rate 4	FERC Monthly Rates	0	0.30000%	0.27000%	%O+	0.30000%	0.30000%		0.32000%	0.30000%	0.34000%	%00	0.34000%		0.33000%	0.36000%	% 0.35000%	%00%	0.36000%
2 9 5	15 Interest Expense	Line 12 x Line 14	s	13	€	12 \$	13	s 1	13 \$	14	13	s	15	15	se	15 \$	16	s	16 \$	16
_ ∞	1.7 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	s	4,366	\$ 4,3	4,378 \$	4,391	\$ 4,404	8	4,418	4,431	\$ 4,	4,446 \$	4,461	s	4,476 \$	4,492	S	4,508 \$	4,524

NOTES:

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² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

J Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

San Diego Gas & Electric Company ADIT Error Correction Plus Accrued Interest Expense (Jan 2013 - Dec 2018) (\$1,000)

									2018										Line
Description	Reference	Jan-18	Fe	Feb-18	Mar-18	Apr-18	May-18		Jun-18	Jul-18	Aug-18		Sep-18	Oct-18	Nov-18	Dec-18	œ	Total	No.
Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	\$ 4,524	8 8	4,540 \$	4,555	\$ 4,571	s	4,588 \$	4,605 \$	4,622	Se	4,640 \$	4,658 \$	4,676	\$ 4,696	S	4,715	s	
Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period ¹	See Footnote 1	0.00%	%(%00:0	0.00%	%00.0		%00.0	%00.0	0.00%		%00.0	%00.0	0.00%	0.00%		%00.0	21	%00.001
Retail BTRR Excluding FF&U Difference Associated with the ADIT Error Correction ²	Line 3 x Line 5, 'Total' Column	se .	se .	1		s	S	8		'	se .	s.			s	S		S	3,915
Interest Expense Calculation: 3 Beginning Balance for Interest Calculation	Beginning Quarterly Balances	\$ 4,524	\$	4,524 \$	4,524	\$ 4,571	⇔	4,571 \$	4,571	4,622	⇔	4,622 \$	4,622	4,676	\$ 4,676	\$	4,676		
Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		0	0	0		0	0	0	0		0	0	0	0	_	0		
Basis for Interest Expense Calculation	Line 8 + Line 10	4,524	- 24	4,524	4,524	4,571		4,571	4,571	4,622	4,6	4,622	4,622	4,676	4,676		4,676		
Monthly Interest Rate 4	FERC Monthly Rates	0.36000%		0.33000%	0.36000%	0.37000%	% 0.38000%		0.37000%	0.40000%	0.40000%		0.39000%	0.42000%	0.41000%	% 0.42000%	%00%		
Interest Expense	Line 12 x Line 14	99	\$ 91	15 \$	16	s	\$ 21	17 \$	17 \$	18	se	81	18	20	\$ 19	s	20	se	820
11/ 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	\$ 4,540	40 S	4,555 \$	4,571	\$ 4,588	s	4,605 \$	4,622 \$	4,640	s	4,658 \$	4,676 \$	4,696	\$ 4,715	\$	4,735	8	4,735

NOTES:

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

Jinterest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35,19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

San Diego Gas & Electric Company

TO4 Cycle 3 ADIT Adjustment to Base Transmission Revenue Requirements For the Rate Effective Period January 1, 2019 - December 31, 2019 (\$1,000)

Line	<u>Description</u>	<u>A</u>	mounts	Reference	Line
No.	<u>_</u>				No.
1	BTRR Adjustment due to TO4 Cycle 3 ADIT Error Calculation:				1
2	Retail BTRR Adjustment - Before Interest	\$	11,770	Page 2.6; Col (c); Line 27	2
3					3
4	Interest Expense		2,148	Page 7.5; Line 16 Total Column	4
5	•				5
6	Total BTRR Adjustment Excluding FF&U		13,918	Line 2 + Line 4	6
7					7
8	Transmission Related Municipal Franchise Fees Expenses		143	Line 6 x 1.031%	8
9					9
10	Subtotal BTRR Adjustment Including Francise Fees Expenses		14,061	Line 6 + Line 8	10
11	, s		,		11
12	Transmission Related Uncollectible Expense		24	Line 6 x 0.174%	12
13	1	-			13
14	Total Retail BTRR Adjustment Including FF&U	\$	14,085	Line 10 + Line 12	14

Section C.5. of the Protocols provides a mechanism for SDG&E to correct errors that affected the TU TRR in a previous Informational Filing. In this TO5 Cycle 1 Informational Filing, SDG&E is correcting a TO4 Cycle 3 error of approximately \$14.1M due to ADIT recalculation of the transmission related ADIT from Bonus Depreciation. Lines 1 - 14 show SDG&E's quantification of the revenue requirements including interest.

San Diego Gas & Electric Company Statement BK-1 Derivation of Incremental BTRR Adjustments TO4 Cycle 3 True-Up Period (1/1/2014 - 12/31/2014) (\$1,000)

Line No.		C3	A evised TO4 TU - Period Amounts	C3	B Filed TO4 TU - Period ER16-445 Amounts	Dif	= A - B Ference r (Decr)	Reference	Line No.
1 2	A. Revenues: Transmission Operation & Maintenance Expense	\$	62,465	\$	62,465	\$	-	Page 3.1 and Page 4.1, Line 2	1 2
3 4	Transmission Related A&G Expense		79,884		79,884		-	Page 3.1 and Page 4.1, Line 4	3 4
5 6	CPUC Intervenor Funding Expense							Page 3.1 and Page 4.1, Line 6	5
7 8 9	Total O&M Expenses	\$	142,349	\$	142,349	\$	-	Sum Lines 2 thru 6	7 8 9
10 11	Transmission, Intangible, General and Common Depr. & Amort. Expense		113,437		113,437		-	Page 3.1 and Page 4.1, Line 10	10 11
12 13	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.1 and Page 4.1, Line 12	12 13
14 15	Transmission Plant Abandoned Project Cost Amortization Expense		550		550		-	Page 3.1 and Page 4.1, Line 14	14 15
16 17	Transmission Related Property Taxes Expense		30,122		30,122		-	Page 3.1 and Page 4.1, Line 16	16 17
18 19	Transmission Related Payroll Taxes Expense		2,482		2,482			Page 3.1 and Page 4.1, Line 18	18 19
20 21	Sub-Total Expense	\$	288,940	\$	288,940	\$		Sum Lines 8 thru 18	20 21
22	Cost of Capital Rate (COCR)		11.4800% √		11.4829%	-(0.0029%	Page 3.1 and Page 4.1, Line 22	22
23	Transmission Rate Base	\$	2,999,037 v		2,895,781		103,256	Page 3.1 and Page 4.1, Line 23	23
24	Return and Associated Income Taxes	\$	344,290 v	\$	332,520	\$	11,770	Line 22 x Line 23	24
25						_			25
26	South Georgia Income Tax Adjustment Transmission Related Amortization of ITC	\$	2,333	\$	2,333	\$	-	Page 3.1 and Page 4.1, Line 26	26
27 28	Transmission Related Amortization of Tree Transmission Related Amortization of Excess Deferred Tax Liabilities		(265)		(265)		-	Page 3.1 and Page 4.1, Line 27 Page 3.1 and Page 4.1, Line 28	27 28
29	Transmission Related Amortization of Excess Deferred Tax Elabilities Transmission Related Revenue Credits		(4,019)		(4,019)		-	Page 3.1 and Page 4.1, Line 29	29
30	Transmission Related Regulatory Debits		(4,019)		(4,019)		-	Page 3.1 and Page 4.1, Line 29	30
31	(Gains)/Losses from Sale of Plant Held for Future Use		_		_		_	Page 3.1 and Page 4.1, Line 31	31
32	(Guille), Zeosses from bute of Financi field for Funda of	-						rage 311 and rage 111, 2me 31	32
33	End of Prior Year Revenues (PYRR $_{\rm EU}$) Excluding FF&U	\$	631,279 v	\$	619,509	\$	11,770	Line 20 + Sum Lines (24 thru 31)	33
34									34
35	B. Incentive ROE Project Transmission Revenue:								35
36 37	Incentive Transmission Plant Depreciation Expense	\$	-	\$	-	\$		Page 3.1 and Page 4.1, Line 36	36 37
38	Incentive Cost of Capital Rate (ICOCR)		0.0000% 4		0.0000%		0.0000%	Page 3.1 and Page 4.1, Line 38	38
39	Total Incentive ROE Project Transmission Rate Base	\$	-	\$	-	\$	-	Page 3.1 and Page 4.1, Line 39	39
40	Incentive ROE Project Return and Associated Income Taxes	\$	-	\$	-	\$	-	Line 38 x Line 39	40
41									41
42	Total Incentive ROE Project Transmission Revenue	\$		\$	-	\$	-	Sum Lines 36; 40	42
43									43
44	C. Incentive Transmission Plant Abandoned Project Revenue:							D 21 1D 41 I	44
45 46	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	3		\$		2		Page 3.1 and Page 4.1, Line 45	45 46
46	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$	_	S		s	_	Page 3.1 and Page 4.1, Line 47	46 47
48	Cost of Capital Rate (COCR)	Ф	- 11.4800% √	Ф	11.4829%	-	0.0029%	Page 3.1 and Page 4.1, Line 48	48
	Incentive Transmission Plant Abandoned Project Return and Associated Income T	0.7	11.400076 V	•	11.462970		7.002976		49
49 50	incentive Transmission Plant Abandoned Project Return and Associated Income 1	ax s		3		3		Line 47 x Line 48	
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$		©.		\$	_	Sum Lines 45; 49	50 51
52	Total incentive Transmission Flant Abandoned Poject Revenue	Ф		Φ.		J		Sum Lines 43, 49	52
53	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:								53
54	Incentive Transmission Construction Work In Progress 2	\$	_	\$	_	\$	_	Page 3.1 and Page 4.1, Line 54	54
55	Cost of Capital Rate (COCR)	Φ	- 11.4800% √		11.4829%		-).0029%	Page 3.1 and Page 4.1, Line 55	55
	Incentive CWIP Return and Associated Income Taxes	\$	11.40UU70 V	\$	11.402970	\$	J.UU4770	Line 54 x Line 55	56
56 57	meentive Cwii Actuili aliu Associated ilicolle Taxes	Ф		Ф		Þ		Line 34 x Line 33	56 57
58	Total Incentive End of Prior Year Revenues (PYRR $_{\rm EU-IR})$ Excluding FF&U	\$		\$		\$		Sum Lines 42; 51; 56	58
59	n m								59
60	E. Total (PYRR _{FU}) Excluding FF&U ³	\$	631,279 v	\$	619,509	\$	11,770	Sum Lines 33; 58	60

√ Items that are in bold have changed compared to the original TO4 Cycle 3 filing per ER16-445.

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 4 months ending December 31, 2013

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

San Diego Gas & Electric Company Statement BK-1 Derivation of Incremental BTRR Adjustments TO4 Cycle 3 True-Up Period (1/1/2014 - 12/31/2014) (\$1,000)

Line			A evised TO4 TU - Period	C3	B Filed TO4 TU - Period ER16-445		C = A - B		Line
No.			Amounts		Amounts	In	icr (Decr)	Reference	No.
	A. Transmission Rate Base								
1	Net Transmission Plant:								1
2	Transmission Plant	\$	3,253,172	\$	3,253,172	\$	-	Page 3.2 and Page 4.2, Line 2	2
3	Transmission Related Electric Miscellaneous Intangible Plant		14,066		14,066		-	Page 3.2 and Page 4.2, Line 3	3
4	Transmission Related General Plant		30,066		30,066		-	Page 3.2 and Page 4.2, Line 4	4
5	Transmission Related Common Plant	_	47,441		47,441			Page 3.2 and Page 4.2, Line 5	5
6	Total Net Transmission Plant	\$	3,344,745	\$	3,344,745	\$		Sum Lines 2 thru 5	6
7	D - D - 4100								7
8	Rate Base Additions:								8
9	Transmission Plant Held for Future Use	\$	6,546	\$	6,546	\$	-	Page 3.2 and Page 4.2, Line 9	9
10	Transmission Plant Abandoned Project Cost	_		_		_		Page 3.2 and Page 4.2, Line 10	10
11	Total Rate Base Additions	\$	6,546	\$	6,546	\$		Sum Lines 9 thru 10	11
12	n. n. n. l. d								12
13	Rate Base Reductions:		(444.665)		(514.000)	•	102.256	D 22 ID 42 I	13
14	Transmission Related Accum. Def. Inc. Taxes	\$	(411,667) v	\$	(514,923)	\$	103,256	Page 3.2 and Page 4.2, Line 14	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes	_	(411 ((5)	_	(514,923)	-	102.256	Page 3.2 and Page 4.2, Line 15	15
16	Total Rate Base Reductions	\$	(411,667) v	•	(514,923)	3	103,256	Sum Lines 14 thru 15	16
17	W. U. G. S. I.								17
18	Working Capital:		26.271	•	26.271	•		D 22 ID 42 I	18
19	Transmission Related Material and Supplies	\$	26,271	\$	26,271	\$	-	Page 3.2 and Page 4.2, Line 19	19 20
20	Transmission Related Prepayments		15,348		15,348		-	Page 3.2 and Page 4.2, Line 20	20
21	Transmission Related Cash Working Capital	_	17,794	_	17,794	•		Page 3.2 and Page 4.2, Line 21 Sum Lines 19 thru 21	
22	Total Working Capital	\$	59,413	\$	59,413	\$		Sum Lines 19 thru 21	22
23 24	Od B 1 A A CHILLY			•		6		D 22 ID 42 I: 24	23 24
24 25	Other Regulatory Assets/Liabilities	- 3		\$		\$		Page 3.2 and Page 4.2, Line 24	24 25
	Total Transmission Rate Base	s	2 000 027		2 905 791	•	102.256	Sum Lines 6; 11; 16; 22; 24	25 26
26	Total Transmission Rate Base	3	2,999,037 v	3	2,895,781	•	103,256	Sum Lines 6; 11; 16; 22; 24	
27	D. L								27 28
28	B. Incentive ROE Project Transmission Rate Base:								
29	Net Incentive Transmission Plant ¹	\$	-	\$	-	\$	-	Page 3.2 and Page 4.2, Line 29	29
30	Incentive Transmission Plant Accum. Def. Income Taxes	_	-	_		_		Page 3.2 and Page 4.2, Line 30	30
31	Total Incentive ROE Project Transmission Rate Base	\$	-	\$		\$		Sum Lines 29 thru 30	31
32									32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:								33
34	Incentive Transmission Plant Abandoned Project Cost	\$	-	\$	-	\$	-	Page 3.2 and Page 4.2, Line 34	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes					_		Page 3.2 and Page 4.2, Line 35	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$		\$		\$		Sum Lines 34 thru 35	36
37									37
38	D. Incentive Transmission Construction Work In Progress ²	\$		\$		\$		Page 3.2 and Page 4.2, Line 38	38

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

² Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

Line			A evised TO4 TU - Period	C3	B Filed TO4 TU - Period ER16-445		A - B		Line
No.			Amounts		Amounts	Incr	(Decr)	Reference	No.
	A. Transmission Plant								
1	Gross Transmission Plant:								1
2	Transmission Plant	\$	3,958,529	\$	3,958,529	\$	-	Page 3.3 and Page 4.3, Line 2	2
3	Transmission Related Electric Miscellaneous Intangible Plant		19,111		19,111		-	Page 3.3 and Page 4.3, Line 3	3
4	Transmission Related General Plant		48,644		48,644		-	Page 3.3 and Page 4.3, Line 4	4
5	Transmission Related Common Plant		98,644		98,644			Page 3.3 and Page 4.3, Line 5	5
6	Total Gross Transmission Plant	\$	4,124,928	\$	4,124,928	\$	-	Sum Lines 2 thru 5	6
7									7
8	Accumulated Depreciation Reserve:								8
9	Transmission Plant Depreciation Reserve	\$	705,357	\$	705,357	\$	-	Page 3.3 and Page 4.3, Line 9	9
10	Transmission Related Electric Miscellaneous Intangible Amortization Reserve		5,045		5,045		-	Page 3.3 and Page 4.3, Line 10	10
11	Transmission Related General Plant Depr Reserve		18,578		18,578		-	Page 3.3 and Page 4.3, Line 11	11
12	Transmission Related Common Plant Depr Reserve		51,203		51,203		-	Page 3.3 and Page 4.3, Line 12	12
13	Total Transmission Related Accumulated Depreciation Reserve	\$	780,183	\$	780,183	\$	-	Sum Lines 9 thru 12	13
14					<u> </u>				14
15	Net Transmission Plant:								15
16	Transmission Plant	\$	3,253,172	\$	3,253,172	\$	-	Page 3.3 and Page 4.3, Line 16	16
17	Transmission Related Electric Miscellaneous Intangible Plant		14,066		14,066		-	Page 3.3 and Page 4.3, Line 17	17
18	Transmission Related General Plant		30,066		30,066		-	Page 3.3 and Page 4.3, Line 18	18
19	Transmission Related Common Plant		47,441		47,441		-	Page 3.3 and Page 4.3, Line 19	19
20	Total Net Transmission Plant	\$	3,344,745	\$	3,344,745	\$	-	Sum Lines 16 thru 19	20
21		_							21
22	B. Incentive Project Transmission Plant:								22
23	Incentive Transmission Plant ¹	\$	_	s	_	S	_	Page 3.3 and Page 4.3, Line 23	23
24	Incentive Transmission Plant Depreciation Reserve ¹	Ψ		Ψ		Ψ		Page 3.3 and Page 4.3, Line 24	24
25	Total Net Incentive Transmission Plant	•		S		\$		Line 23 Minus Line 24	25
23	Total Net Incentive Transmission Fiant	3		J.		Þ		Line 25 Minus Line 24	23

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

Line No.	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS	C3	A evised TO4 TU - Period Amounts	C3	B Filed TO4 TU - Period ER16-445 Amounts	D	= A - B	Reference	Line No.
1	A. Derivation of Annual Fix Charge Rate (AFCR FII) Applicable to								1
2	Weighted Forecast Plant Additions:								2
3	PYRR _{EU} Excluding Franchise Fees and Uncollectible	\$	631,279 v	\$	619,509	\$	11,770	Page 3.4 and Page 4.4, Line 3	3
4	50% of Transmission O&M Expense		(31,233)		(31,233)		_	Page 3.4 and Page 4.4, Line 4	4
5	50% of Transmission Related A&G Expense		(39,942)		(39,942)		-	Page 3.4 and Page 4.4, Line 5	5
6	CPUC Intervenor Funding Expense		-		-		-	Page 3.4 and Page 4.4, Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.4 and Page 4.4, Line 7	7
8	South Georgia Income Tax Adjustment		(2,333)		(2,333)		-	Page 3.4 and Page 4.4, Line 8	8
9	Transmission Related Amortization of Investment Tax Credit		265		265		-	Page 3.4 and Page 4.4, Line 9	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-		-		-	Page 3.4 and Page 4.4, Line 10	10
11	(Gains)/Losses from Sale of Plant Held for Future Use				-			Page 3.4 and Page 4.4, Line 11	11
12	Total (PYRR EU) Excluding FF&U - Adjusted	\$	558,036 v	\$	546,266	\$	11,770	Sum Lines 3 thru 11	12
13									13
14	Gross Transmission Plant	\$	4,124,928	\$	4,124,928	\$		Page 3.4 and Page 4.4, Line 14	14
15									15
16	Annual Fix Charge Rate (AFCR _{EU})		13.5284% v	1	13.2430%		0.2854%	Page 3.4 and Page 4.4, Line 16	16
17									17
18	Weighted Forecast Plant Additions	\$		\$	-	\$		Page 3.4 and Page 4.4, Line 18	18
19									19
20	Forecast Period Capital Addition Revenue Requirements	\$		\$	-	\$		Line 16 x Line 18	20

Line No.			A evised TO4 TU - Period Amounts	C3 '	B Filed TO4 FU - Period CR16-445 Amounts	Dif	= A - B	Reference	Line No.
	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE	_					- ()		
	CAPITAL PROJECTS								
1	A. Derivation of Annual Fix Charge Rate (AFCR EULIR-ROF) Applicable to								1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):								2
3	PYRR _{EU-IR-ROE} Excluding Franchise Fees and Uncollectible	\$	631,279 v	\$	619,509	\$	11,770	Page 3.5 and Page 4.5, Line 3	3
4	50% of Transmission O&M Expense		(31,233)		(31,233)		-	Page 3.5 and Page 4.5, Line 4	4
5	50% of Transmission Related A&G Expense		(39,942)		(39,942)		-	Page 3.5 and Page 4.5, Line 5	5
6	CPUC Intervenor Funding Expense - Transmission		-		-		-	Page 3.5 and Page 4.5, Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.5 and Page 4.5, Line 7	7
8	South Georgia Income Tax Adjustment		(2,333)		(2,333)		-	Page 3.5 and Page 4.5, Line 8	8
9	Transmission Related Amortization of Investment Tax Credit		265		265		-	Page 3.5 and Page 4.5, Line 9	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-		-		-	Page 3.5 and Page 4.5, Line 10	10
11	(Gains)/Losses from Sale of Plant Held for Future Use	_			 		-	Page 3.5 and Page 4.5, Line 11	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$	558,036 v	\$	546,266	\$	11,770	Sum Lines 3 thru 11	12
13									13
14	Gross Transmission Plant & Incentive Transmission Plant	\$	4,124,928	\$	4,124,928	\$		Page 3.5 and Page 4.5, Line 14	14
15									15
16	Incentive Annual Fix Charge Rate (AFCR _{EU-IR-ROE}) ¹		13.5284% v	1	13.2430%	(0.2854%	Page 3.5 and Page 4.5, Line 16	16
17									17
18	Incentive Weighted Forecast Plant Additions	\$				\$		Page 3.5 and Page 4.5, Line 18	18
19									19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC _{EU-IR-ROE})	\$	-	\$		\$	-	Line 16 x Line 18	20
21									21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:								22
23	1. For the Period After the Base Period and Before the Rate Effective Period:								23
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$	-	\$	-	\$	-	Page 3.5 and Page 4.5, Line 24	24
25									25
26	Cost of Capital Rate (COCR)		11.4800% v		11.4829%	(0.0029%	Page 3.5 and Page 4.5, Line 26	26
27									27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	\$		\$		Line 24 x Line 26	28
29	A.E								29
30	2. For the Period During the Rate Effective Period:	\$		s		s		D 25 1D 45 I; 21	30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	2	-	\$	-	2	-	Page 3.5 and Page 4.5, Line 31	31
32	C + CC '- IP +		11 40000/		11 40200/		0.00200/	D 25 1D 45 I: 22	32
33	Cost of Capital Rate (COCR)	_	11.4800% v		11.4829%		0.0029%	Page 3.5 and Page 4.5, Line 33	33
34	Learning Towns of CWID Decision Decision	•		6		e		I i 21 I i 22	34
35 36	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$		\$		\$		Line 31 x Line 33	35
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	\$	-	\$	-	Sum Lines 28; 35	36 37

\forall Items that are in bold have changed compared to the original TO4 Cycle 3 filling per ER16-445.

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

			A		B As Filed TO4	C	C = A - B		
Line No.		C3 '	vised TO4 TU - Period Amounts	C	3 TU - Period ER16-445 Amounts		ifference cr (Decr)	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR FII):								1
2 3 4	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	s	631,279 v	\$	619,509	\$	11,770	Page 3.6 and Page 4.6, Line 3	2 3 4
5	Incentive End of Prior Year Revenues (PYRR $_{\mbox{\scriptsize EU-IR}})$ Excluding FF&U		-		-			Page 3.6 and Page 4.6, Line 5	5
6 7	Sub-Total Base Period Revenues	\$	631,279 v	\$	619,509	\$	11,770	Sum Lines 3 thru 5	6 7
8 9 10	Retail True-Up Period Adjustment	\$	-	\$	-	\$	-	Page 3.6 and Page 4.6, Line 9	8 9 10
11	Retail Interest True-Up Adjustment		-		-	_		Page 3.6 and Page 4.6, Line 11	11
12 13 14	Sub-Total True-Up Adjustments	\$		\$	-	\$	-	Sum Lines 9 thru 11	12 13 14
15	B. Annual Fixed Charges Applicable to Capital Projects:								15
16 17 18	Forecast Period Capital Addition Revenue Requirements	\$		\$		\$		Page 3.6 and Page 4.6, Line 17	16 17 18
19	C. Annual Fixed Charges Applicable to Incentive Capital Projects:								19
20 21 22	Forecast Period Incentive Capital Additions Revenue Requirements (FC $_{\hbox{\scriptsize EU-IR-ROE}})$	\$		\$	-	\$	-	Page 3.6 and Page 4.6, Line 21	20 21 22
23 24	D. Incentive Forecast Transmission CWIP Revenues:								23 24
25 26	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$		\$	-	\$		Page 3.6 and Page 4.6, Line 25	25 26
26 27 28	E. Subtotal BTRR FU Excluding FF&U:	\$	631,279 v	\$	619,509	\$	11,770	Sum Lines 7; 13; 17; 21; 25	26 27 28
29	Transmission Related Municipal Franchise Fees Expenses		6,508 v		6,387		121	Line 27 x 1.031%	29
30 31	Transmission Related Uncollectible Expense		1,098 v	_	1,078		20	Line 27 x 0.174%	30 31
32	F. Total Retail BTRR FII With FF&U	\$	638,885 v	\$	626,974	\$	11,911	Sum Lines 27 thru 30	32

 $[\]mbox{\ensuremath{\checkmark}}$ Items that are in bold have changed compared to the original TO4 Cycle 3 filing per ER16-445.

Line No.		C3	A vised TO4 FU - Period Amounts	C3 T	B Filed TO4 FU - Period R16-445 Amounts	D	= A - B	Reference	Line No.
1	A. Total TO4 Cycle 3 Retail BTRR FU With FF&U:								1
2 3	TO4 Cycle 3 End of Prior Year Revenues (PYRR $_{\rm EU}$) With FF&U	\$	638,885 v	\$	626,974	\$	11,911	Page 3.7 and Page 4.7, Line 3	2
4									4
5	B. Other Retail BTRR Adjustments:								5
6 7	(1) TO3 Final True-Up Retail Interest True-Up Adj. (1/1/2015 - 12/31/2015)	\$	1,423	\$	1,423	\$	-	Page 3.7 and Page 4.7, Line 7	7
8	(8
9	Transmission Related Municipal Franchise Fees Expenses		15		15		-	Page 3.7 and Page 4.7, Line 9	9
10 11	Transmission Related Uncollectible Expense		2		2		_	Page 3.7 and Page 4.7, Line 11	10 11
12	Transmission Related Unconectible Expense							rage 3.7 and rage 4.7, Line 11	12
13	Total TO3 Final Retail Interest True-Up With FF&U		1,440		1,440		-	Sum Lines 7 thru 11	13
14									14
15	(2) FERC Audit Adjustment With FF&U		(1,109)		(1,109)		-	Page 3.7 and Page 4.7, Line 15	15
16 17	(3) Error Correction Adj. on TO4 Cycle 2 TU Depn Exp With FF&U		32		32			Page 3.7 and Page 4.7, Line 17	16 17
18 19	Sub-Total Other Retail BTRR Adjustments With FF&U	¢	363	\$	363	•		Sum Lines 13 thru 17	18 19
20	Sub-10tal Other Retail BTRK Adjustments with FF&U	3	303	Ф	303	\$		Sum Lines 13 thru 17	20
21	C. Total Retail BTRR FIL With FF&U 1	s	639,248 v	\$	627,337	\$	11,911	Sum Lines 3 + Line 19	21

\checkmark Items that are in bold have changed compared to the original TO4 Cycle 3 filing per ER16-445.

¹ This sheet is not part of the TO4 Formula Excel Spreadsheet Model and was created solely to provide a summary of all the TO4 Retail Base Transmission Revenue Requirement components including those items that were not contemplated by the TO4 Formula Excel Spreadsheet Model, namely the FERC Audit Adjustment from FERC Docket No. FA 12-8-000, the Interest True-Up Adjustment from January 2015 - December 2015 for the TO3-Final True-Up Adjustment, and an Error Correction adjustment applicable to depreciation expense.

$\begin{array}{c} \textbf{Derivation of End Use Prior Year Revenue Requirements (PYRR_{EU})} \\ \textbf{For the Base Period \& True-Up Period Ending December 31, 2014} \end{array}$

(\$1,000)

Amounts	Line		5	P. 6	Line
Transmission Related A&G Expense	No.		Amounts 5	Reference	No.
Transmission Related A&G Expense 79,884 Statement AH; Page 5, Line 56 54	1	A. Revenues:			1
Transmission Reluted Cappense 79,884 Statement AH; Page 5, Line 56 5			\$ 62,465	Statement AH; Page 5, Line 9	
CPUC Intervenor Funding Expense - Transmission					
CPUC Intervenor Funding Expense - Transmission		Transmission Related A&G Expense	79,884	Statement AH; Page 5, Line 56	
Total O&M Expenses \$ 142,349 Sum Lines 2 thru 6		CDLIC Intervenor Funding Expanse Transmission		Statement AH: Page 5 Line 17	
Total O&M Expenses		Croc intervenor running expense - transmission		Statement ATI, 1 age 3, Line 17	
Transmission, General, Common Plant Depn. Exp., and Electric Misc. Intangible Plant Amort. Exp. 113,437 112 12 12 13 13 13 13 1		Total O&M Expenses	\$ 142,349	Sum Lines 2 thru 6	
12 Valley Rainhow Project Cost Amortization Expense					
2 Valley Rainbow Project Cost Amortization Expense		Transmission, General, Common Plant Depn. Exp., and Electric Misc. Intangible Plant Amort. Exp.	113,437	Statement AJ; Page 7, Line 17	
13		Valley Rainbow Project Cost Amortization Expense		Statement AI: Page 7 Line 10	
Transmission Plant Abandoned Project Cost Amortization Expense		Valley Rainbow Froject Cost Amortization Expense		Statement A3, 1 age 7, Eme 17	
Tamsmission Related Property Taxes Expense 30,122 Statement AK; Page 8, Line 27 16 17 18 Tamsmission Related Payroll Taxes Expense 2482 Statement AK; Page 8, Line 33 18 19 19 19 19 19 19 19		Transmission Plant Abandoned Project Cost Amortization Expense	550	Statement AJ; Page 7, Line 23	
17					
Transmission Related Payroll Taxes Expense 2,482 Statement AK; Page 8, Line 33 18 19 19 19 19 19 19 19		Transmission Related Property Taxes Expense	30,122	Statement AK; Page 8, Line 27	
19 20 Sub-Total Expense \$ 288,940 Sum Lines 8 thru 18 20 21 22 22 23 Transmission Rate Base \$ 2,999,037 \$ Statement AV; Page 15, Line 31 22 22 23 24 25 25 26 25 26 26 27 27 28 27 28 28 28 28		Tunnemission Deleted Daywell Tayon Evnence	2.492	Statement AV, Dage 9 Line 22	
Sub-Total Expense S 288,940 Sum Lines 8 thru 18 20 21 22 23 24 24 25 25 25 26 27 27 27 27 27 28 27 28 28		Transmission Related Payron Taxes Expense	2,402	Statement AK, Fage 6, Line 33	
22 Cost of Capital Rate (CCER) 11,480% of Statement AV; Page 15, Line 31 22 22 23 Transmission Rate Base 2,999,037 of Statement BK-1; Page 2, Line 26 23 24 25 26 26 27 27 28 28 29 27 28 29 27 28 29 28 29 29 29 29 29		Sub-Total Expense	\$ 288,940	Sum Lines 8 thru 18	
Transmission Rate Base 2,999,037 v Statement Bk-1; Page 2, Line 26 23	21				21
Return and Associated Income Taxes S. 344,290 v Line 22 x Line 23 24		Cost of Capital Rate (COCR)		Statement AV; Page 15, Line 31	
255 South Georgia Income Tax Adjustment 255 2.333 Statement AQ; Page 11, Line 1 266 277 287 278					
South Georgia Income Tax Adjustment 26		Return and Associated Income Taxes	\$ 344,290 V	Line 22 x Line 23	
Transmission Related Amortization of Investment Tax Credits Cab Statement AR, Page 12, Line 1 27		South Coorgin Income Toy Adjustment	© 2222	Statement AQ, Dage 11 Line 1	
Transmission Related Amortization of Excess Deferred Tax Liabilities			, , , , , , ,		
Transmission Related Revenue Credits Transmission Related Revenue (PtyRR gu) Excluding FF&U S 631,279 v Line 20 + Sum Lines (24 thru 31) B. Incentive ROE Project Transmission Revenue: Incentive Cost of Capital Rate (ROCR) Incentive ROE Project Transmission Rate Base S - Statement BK-1; Page 2; Line 31 Total Incentive ROE Project Transmission Revenue: S - Statement AU; Page 16, Line 31 Statement AU; Page 17, Line 13 32 33 34 35 B. Incentive Transmission Plant Depreciation Expense S - Statement AU; Page 7; Line 21 36 37 38 Incentive Cost of Capital Rate (ROCR) Incentive ROE Project Transmission Rate Base S - Statement BK-1; Page 2; Line 31 39 40 Incentive ROE Project Transmission Revenue S - Statement AU; Page 16, Line 31 39 40 41 42 Total Incentive ROE Project Transmission Revenue S - Sum Lines 36; 40 42 43 44 C. Incentive Transmission Plant Abandoned Project Revenue: Incentive Transmission Plant Abandoned Project Revenue: S - Statement AU; Page 7; Line 25 45 46 47 Total Incentive Transmission Plant Abandoned Project Cost Amortization Expense S - Statement AU; Page 15, Line 31 48 Cost of Capital Rate (COCR) Incentive Transmission Plant Abandoned Project Revenue S - Statement AV; Page 15, Line 31 48 Incentive Transmission Plant Abandoned Project Revenue S - Statement BK-1; Page 2; Line 36 47 Total Incentive Transmission Plant Abandoned Project Revenue S - Statement BK-1; Page 2; Line 36 47 Total Incentive Transmission Construction Work In Progress (CWIP) Revenue: S - Statement BK-1; Page 2; Line 38 50 Incentive Transmission Construction Work In Progress (CWIP) Revenue: S - Statement BK-1; Page 2; Line 38 51 Incentive Transmission Construction Work In Progress (CWIP) Revenue S - Statement BK-1; Page 2; Line 35 52 53 54 55 55 56 57 57 57 58 Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U					
Transmission Related Regulatory Debits					
GainsylLosses from Sale of Plant Held for Future Use			(4,019)		
23 End of Prior Year Revenues (PYRR EU) Excluding FF&U S 631,279 v Line 20 + Sum Lines (24 thru 31) 33 33 33 34 34 35 B. Incentive ROE Project Transmission Revenue: 35 Statement AI; Page 7; Line 21 36 37 37 38 Incentive ROE Project Transmission Rate Base S S Statement AV; Page 16, Line 31 38 39 Total Incentive ROE Project Transmission Rate Base S S Statement BK-1; Page 2; Line 31 39 40 10 10 10 10 10 10 10		6 7		, 5	
End of Prior Year Revenues (PYRR EL) Excluding FF&U S 631.279 v Line 20 + Sum Lines (24 thru 31) 33 34 34 34 34 34 34 3		(Gains) Losses from Sale of Flank field for Future Ose		Statement AO, 1 age 13, Eme 13	
34 35 36 37 38 39 39 39 39 39 39 39		End of Prior Year Revenues (PYRR FLI) Excluding FF&U	\$ 631.279 √	Line 20 + Sum Lines (24 thru 31)	
Renettive ROE Project Transmission Revenue: S - Statement AI; Page 7; Line 21 36 37 38 Incentive Cost of Capital Rate (COCR)					
Incentive Transmission Plant Depreciation Expense S - Statement AJ; Page 7; Line 21 36 37 38 37 38 37 38 37 38 37 38 38		B. Incentive ROE Project Transmission Revenue:			
37 38			\$ -	Statement AJ; Page 7; Line 21	
Total Incentive ROE Project Transmission Rate Base	37				37
Total Incentive ROE Project Transmission Rate Base	38	Incentive Cost of Capital Rate (ICOCR)	0.0000% 4	Statement AV; Page 16, Line 31	38
Total Incentive ROE Project Transmission Revenue C. Incentive Transmission Plant Abandoned Project Revenue: Incentive Transmission Plant Abandoned Project Cost Amortization Expense Cost of Capital Rate (COCR) Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes D. Incentive Transmission Construction Work In Progress (CWIP) Revenue: Incentive Transmission Construction Work In Progress (CW	39		\$ -	Statement BK-1; Page 2; Line 31	39
Total Incentive ROE Project Transmission Revenue \$	40	Incentive ROE Project Return and Associated Income Taxes	\$ -	Line 38 x Line 39	40
43 44 C. Incentive Transmission Plant Abandoned Project Revenue: Incentive Transmission Plant Abandoned Project Cost Amortization Expense 5 - Statement AJ; Page 7; Line 25 45 46 47 Total Incentive Transmission Plant Abandoned Project Cost Rate Base 48 Cost of Capital Rate (COCR) 49 Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes 50 51 Total Incentive Transmission Plant Abandoned Project Revenue 50 51 Total Incentive Transmission Plant Abandoned Project Revenue 52 53 D. Incentive Transmission Construction Work In Progress (CWIP) Revenue: 51 Incentive Transmission Construction Work In Progress (CWIP) Revenue: 52	41				41
C. Incentive Transmission Plant Abandoned Project Revenue: Incentive Transmission Plant Abandoned Project Cost Amortization Expense Total Incentive Transmission Plant Abandoned Project Cost Rate Base Cost of Capital Rate (COCR) Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes Incentive Transmission Plant Abandoned Project Revenue Total Incentive Transmission Plant Abandoned Project Revenue D. Incentive Transmission Construction Work In Progress (CWIP) Revenue: Incentive Transmission Construction Work In Progress (CWIP) Revenue: Incentive Transmission Construction Work In Progress (CWIP) Revenue: Cost of Capital Rate (COCR) Incentive CWIP Return and Associated Income Taxes Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Sum Lines 42; 51; 56		Total Incentive ROE Project Transmission Revenue	\$ -	Sum Lines 36; 40	
Incentive Transmission Plant Abandoned Project Cost Amortization Expense Total Incentive Transmission Plant Abandoned Project Cost Rate Base Cost of Capital Rate (COCR) Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes Incentive Transmission Plant Abandoned Project Revenue D. Incentive Transmission Construction Work In Progress (CWIP) Revenue: Incentive Transmission Construction Work In Progress Cost of Capital Rate (COCR) Incentive Transmission Construction Work In Progress Incentive CWIP Return and Associated Income Taxes Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Statement AJ; Page 7; Line 25 46 Statement BK-1; Page 2; Line 36 Statement AV; Page 15, Line 31 Statement BK-1; Page 2; Line 38					
46 47 Total Incentive Transmission Plant Abandoned Project Cost Rate Base 48 Cost of Capital Rate (COCR) 49 Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes 50 Statement AV; Page 15, Line 31 48 49 Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes 50 Sum Line 47 x Line 48 49 50 51 Total Incentive Transmission Plant Abandoned Project Revenue 52 Sum Lines 45; 49 51 52 53 D. Incentive Transmission Construction Work In Progress (CWIP) Revenue: 53 54 Incentive Transmission Construction Work In Progress 2 55 Cost of Capital Rate (COCR) 56 Incentive CWIP Return and Associated Income Taxes 57 58 Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U 59 50 50 51 52 53 54 55 56 57 57 58 50 50 50 50 50 50 50 50 50 50 50 50 50			_		
Total Incentive Transmission Plant Abandoned Project Cost Rate Base Cost of Capital Rate (COCR) Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes Total Incentive Transmission Plant Abandoned Project Revenue Sum Line 47 x Line 48 49 50 Sum Lines 45; 49 51 D. Incentive Transmission Construction Work In Progress (CWIP) Revenue: Incentive Transmission Construction Work In Progress 2 Incentive Transmission Construction Work In Progress 2 Cost of Capital Rate (COCR) Incentive CWIP Return and Associated Income Taxes Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Sum Lines 42; 51; 56 Statement BK-1; Page 2; Line 36 47 Statement AV; Page 15, Line 31 Statement BK-1; Page 2; Line 38 54 Statement BK-1; Page 2; Line 38 54 Statement AV; Page 15, Line 31 55 Statement BK-1; Page 2; Line 36 Statement BK-1;		Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$ -	Statement AJ; Page 7; Line 25	
Cost of Capital Rate (COCR) Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes Incentive Transmission Plant Abandoned Project Revenue Total Incentive Transmission Plant Abandoned Project Revenue D. Incentive Transmission Construction Work In Progress (CWIP) Revenue: Incentive Transmission Construction Work In Progress 2 Incentive Transmission Construction Work In Progress 2 Incentive Transmission Construction Work In Progress 3 Incentive CWIP Return and Associated Income Taxes Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Statement AV; Page 15, Line 31 Statement BK-1; Page 2; Line 38 Statement AV; Page 15, Line 31 Statement AV		Total Lauretina Tomonician Dlant About and During Cost Data Day	C	Ct-t DV 1. D 2. Lin- 26	
Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes Total Incentive Transmission Plant Abandoned Project Revenue Total Incentive Transmission Construction Work In Progress (CWIP) Revenue: Incentive Transmission Construction Work In Progress (CWIP) Revenue: Incentive Transmission Construction Work In Progress 2 Incentive Transmission Construction Work In Progress 2 Incentive Transmission Construction Work In Progress 3 Incentive Cwip Return and Associated Income Taxes Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Sum Line 47 x Line 48 49 50 51 52 53 54 55 56 57 57 58 Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Sum Lines 42; 51; 56 58 59		· ·	*	=	
Sum Lines 45; 49 51 52 52 52 53 54 55 56 57 58 50 50 50 50 50 50 50					
Total Incentive Transmission Plant Abandoned Project Revenue D. Incentive Transmission Construction Work In Progress (CWIP) Revenue: Incentive Transmission Construction Work In Progress 2 Incentive Transmission Construction Work In Progress 2 Cost of Capital Rate (COCR) Incentive CWIP Return and Associated Income Taxes Incentive CWIP Return and Associated Income Taxes Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Sum Lines 45; 49 Statement BK-1; Page 2; Line 38 Statement AV; Page 15, Line 31 Statement BK-1; Page 2; Line 38 S		Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	<u> </u>	Line 4/ x Line 48	
52 53 D. Incentive Transmission Construction Work In Progress (CWIP) Revenue: 53 54 1 1 1 1 1 1 1 1 1		Total Incentive Transmission Plant Abandoned Project Pavenue	•	Sum Lines 45: 40	
D. Incentive Transmission Construction Work In Progress (CWIP) Revenue: Incentive Transmission Construction Work In Progress (2 Incentive Tra		Total incentive Transmission Tant Abandoned Troject Revende	y -	Sum Lines 43, 49	
Incentive Transmission Construction Work In Progress 2 Cost of Capital Rate (COCR) Incentive CWIP Return and Associated Income Taxes Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Statement BK-1; Page 2; Line 38 Statement BK-1; P		D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:			
Cost of Capital Rate (COCR) Incentive CWIP Return and Associated Income Taxes Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Sum Lines 42; 51; 56 Sum Lines 42; 51; 56 Sum Lines 42; 51; 56			© Control of the cont	Statement DV 1: Dage 2: Line 38	
Incentive CWIP Return and Associated Income Taxes Incentive CWIP Return and Associated Income Taxes Total Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Sum Lines 42; 51; 56 58 59		· · · · · · · · · · · · · · · · · · ·			
57 58 Total Incentive End of Prior Year Revenues (PYRR _{EU-IR}) Excluding FF&U \$ - Sum Lines 42; 51; 56 59 59		- ' '			
Total Incentive End of Prior Year Revenues (PYRR _{EU-IR}) Excluding FF&U \$ - Sum Lines 42; 51; 56 58 59		meentive Cwir Return and Associated income Taxes	Ф -	Line 34 X Line 33	
59		Total Incentive End of Prior Year Revenues (PYRR) Excluding FF&II	•	Sum Lines 42: 51: 56	
3		Town Moonard End of Front Four Revenues (FFRK EU-IR) Exeruting 11 000	Ψ -	Juni Lines 42, 31, 30	
60 <u>E. Total (PYRR _{FU}) Excluding FF&U ³</u> Sum Lines 33; 58 60	39				39
	60	E. Total (PYRR FU) Excluding FF&U 3	\$ 631,279 v	Sum Lines 33; 58	60

$\mbox{$\forall$}$ Items that are in bold have changed compared to the original TO4 Cycle 3 filing per ER16-445.

The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period.

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU)} For the Base Period & True-Up Period Ending December 31, 2014 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Rate Base:			
1	Net Transmission Plant:			1
2	Transmission Plant	\$ 3,253,172	Statement BK-1; Page 3; Line 16	2
3	Transmission Related Electric Miscellaneous Intangible Plant	14,066	Statement BK-1; Page 3; Line 17	3
4	Transmission Related General Plant	30,066	Statement BK-1; Page 3; Line 18	4
5	Transmission Related Common Plant	47,441	Statement BK-1; Page 3; Line 19	5
6	Total Net Transmission Plant	\$ 3,344,745	Sum Lines 2 thru 5	6
7 8	Rate Base Additions:			7 8
9	Transmission Plant Held for Future Use	\$ 6,546	Statement A.C. Dane 4. I in a 1	8
10	Transmission Plant Field for Future Use Transmission Plant Abandoned Project Cost	\$ 6,346	Statement AG; Page 4; Line 1 Misc. Statement; Page 17, Line 4	10
11	Total Rate Base Additions	\$ 6,546	Sum Lines 9 thru 10	11
12	Total Rate base Additions	\$ 0,340	Sum Lines 9 thru 10	12
13	Rate Base Reductions:			13
14	Transmission Related Accum. Def. Inc. Taxes	\$ (411,667) √	Statement AF; Page 3; Line 5	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes	3 (411,007) V	Statement AF; Page 3; Line 9	15
16	Total Rate Base Reductions	\$ (411,667) √	Sum Lines 14 thru 15	16
17	Total Rate Base Reductions	(411,007)	Sain Ellies 11 thru 15	17
18	Working Capital:			18
19	Transmission Related Materials and Supplies	\$ 26,271	Statement AL; Page 9; Line 5	19
20	Transmission Related Prepayments	15,348	Statement AL; Page 9; Line 9	20
21	Transmission Related Cash Working Capital	17,794	Statement AL; Page 9; Line 19	21
22	Total Working Capital	\$ 59,413	Sum Lines 19 thru 21	22
23				23
24	Other Regulatory Assets/Liabilities	_	Misc. Statement; Page 17, Line 7	24
25			-	25
26	Total Transmission Rate Base	\$ 2,999,037 √	Sum Lines 6; 11; 16; 22; 24	26
27				27
28	B. Incentive ROE Project Transmission Rate Base:			28
29	Net Incentive Transmission Plant ¹	S -	Statement BK-1; Page 3; Line 25	29
30	Incentive Transmission Plant Accum. Def. Income Taxes	_	Statement AF; Page 3; Line 7	30
31	Total Incentive ROE Project Transmission Rate Base	\$ -	Sum Lines 29 thru 30	31
32	J			32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:			33
34	Incentive Transmission Plant Abandoned Project Cost	\$ -	Misc. Statement; Page 17, Line 10	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes	-	Statement AF; Page 3; Line 11	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Sum Lines 34 thru 35	36
37				37
38	D. Incentive Transmission Construction Work In Progress ²	\$ -	Statement AM; Page 10; Line 1	38

\forall Items that are in bold have changed compared to the original TO4 Cycle 3 filing per ER16-445.

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

² Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2014 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Plant:			
1	Gross Transmission Plant:			1
2	Transmission Plant	\$ 3,958,529	Statement AD; Page 1, Line 15	2
3	Transmission Related Electric Misc. Intangible Plant	19,111	Statement AD; Page 1, Line 31	3
4	Transmission Related General Plant	48,644	Statement AD; Page 1, Line 33	4
5	Transmission Related Common Plant	98,644	Statement AD; Page 1, Line 35	5
6	Total Gross Transmission Plant	\$ 4,124,928	Sum Lines 2 thru 5	6
7				7
8	Transmission Related Depreciation Reserve:			8
9	Transmission Plant Depreciation Reserve	\$ 705,357	Statement AE; Page 2, Line 1	9
10	Transmission Related Electric Misc. Intangible Plant Amortization Reserve	5,045	Statement AE; Page 2, Line 11	10
11	Transmission Related General Plant Depr Reserve	18,578	Statement AE; Page 2, Line 13	11
12	Transmission Related Common Plant Depr Reserve	51,203	Statement AE; Page 2, Line 15	12
13	Total Transmission Related Depreciation Reserve	\$ 780,183	Sum Lines 9 thru 12	13
14				14
15	Net Transmission Plant:			15
16	Transmission Plant	\$ 3,253,172	Line 2 Minus Line 9	16
17	Transmission Related Electric Miscellaneous Intangible Plant	14,066	Line 3 Minus Line 10	17
18	Transmission Related General Plant	30,066	Line 4 Minus Line 11	18
19	Transmission Related Common Plant	47,441	Line 5 Minus Line 12	19
20	Total Net Transmission Plant	\$ 3,344,745	Sum Lines 16 thru 19	20
21				21
22	B. Incentive Project Transmission Plant:			22
23	Incentive Transmission Plant ¹	\$ -	Statement AD; Page 1, Line 17	23
24	Incentive Transmission Plant Depreciation Reserve ¹	-	Statement AE; Page 2, Line 19	24
25	Total Net Incentive Transmission Plant	\$ -	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2015 - December 31, 2016 (\$1,000)

Line					Line
No.		A	Amounts	Reference	No.
	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS		<u>.</u>		
1	A. Derivation of Annual Fix Charge Rate (AFCR EU) Applicable to				1
2	Weighted Forecast Plant Additions:				2
3	PYRR _{EU} Excluding Franchise Fees and Uncollectible	\$	631,279 V	Statement BK-1; Page 1; Line 33	3
4	50% of Transmission O&M Expense		(31,233)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense		(39,942)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission		-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment		(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit		265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use	<u></u>	-	Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU) Excluding FF&U	\$	558,036 √	Sum Lines 3 thru 11	12
13					13
14	Gross Transmission Plant	\$	4,124,928	Statement BK-1; Page 3, Line 6	14
15					15
16	Annual Fix Charge Rate (AFCR EU)		13.5284% √	Line 12 / Line 14	16
17					17
18	Weighted Forecast Plant Additions	\$	-	Summary of HV-LV Plant Additions; Pg 1; Ln 5, Col. (f)	18
19					19
20	Forecast Period Capital Addition Revenue Requirements	\$		Line 16 x Line 18	20

 $[\]mbox{\sc J}$ Items that are in bold have changed compared to the original TO4 Cycle 3 filing per ER16-445.

Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2015 - December 31, 2016 (\$1,000)

Line No.		A	Reference	Line No.
NO.	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE	Amounts	Reference	NO.
	CAPITAL PROJECTS			
1	A. Derivation of Annual Fix Charge Rate (AFCR ELLIR, ROF) Applicable to			1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):			2
3	PYRR FILIR-ROE Excluding Franchise Fees and Uncollectible	\$ 631,279 √	Statement BK-1; Page 1; Line 33 + Line 42	3
4	50% of Transmission O&M Expense	(31,233)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(39,942)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	=	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use	-	Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$ 558,036 √	Sum Lines 3 thru 11	12
13				13
14	Gross Transmission Plant & Incentive Transmission Plant	\$ 4,124,928	Statement BK-1; Page 3, Line 6 + Line 23	14
15				15
16	Incentive Annual Fix Charge Rate (AFCR FILIBROF)	13.5284% √	Line 12 / Line 14	16
17				17
18	Incentive Weighted Forecast Plant Additions	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 8; Col. (f)	18
19			3, ()	19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC EU-IR-ROE)	\$ -	Line 16 x Line 18	20
21		<u> </u>		21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:			22
23	1. For the Period After the Base Period and Before the Rate Effective Period:			23
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 10; Col. (f)	24
25			- *, (-)	25
26	Cost of Capital Rate (COCR)	11.4800% √	Statement AV; Page 15, Line 31	26
27	r (cock)			27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	s -	Line 24 x Line 26	28
29				29
30	2. For the Period During the Rate Effective Period:			30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 12; Col. (f)	31
32				32
33	Cost of Capital Rate (COCR)	11.4800% √	Statement AV; Page 15, Line 31	33
34	- (0000)			34
35	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 31 x Line 33	35
36	,			36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Sum Lines 28; 35	37

\forall Items that are in bold have changed compared to the original TO4 Cycle 3 filing per ER16-445.

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Base Transmission Revenue Requirements (BTRR _{EU}) For the Rate Effective Period January 1, 2016 - December 31, 2016 (\$1,000)

Line No.			Amounts	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR FL):				1
2			CO.4. 0.000		2
3	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$	631,279 V	Statement BK-1; Page 1; Line 33	3
4 5	Learning End of Dairy Very Decreases (DVDD) Fresh Jing EF 641			C4-4	4
6	Incentive End of Prior Year Revenues (PYRR _{EU-IR}) Excluding FF&U		-	Statement BK-1; Page 1; Line 58	5 6
7	Sub-Total Base Period Revenues	\$	631,279 v	Sum Lines 3 thru 5	7
8	Sub-Total Base Fellod Revenues		031,277	Sum Emes 5 that 5	8
9	Retail True-Up Period Adjustment	\$	-	(Retail TU Adj; Total Col; Line 29) / 1,000	9
10				•	10
11	Retail Interest True-Up Adjustment		-	(Retail Int TU-1 + Retail Int TU-2; Ttl Col; Ln 20)/1,000	11
12			_		12
13	Sub-Total True-Up Adjustments	\$		Sum Lines 9 thru 11	13
14					14
15	B. Annual Fixed Charges Applicable to Capital Projects:				15
16	Description of the Property of the Control of the C	0		Company of the Authority of the Authorit	16
17 18	Forecast Period Capital Addition Revenue Requirements	\$	-	Statement BK-1; Page 4, Line 20	17 18
19	C. Annual Fixed Charges Applicable to Incentive Capital Projects:				19
20	C. Annual Fixed Chai ges Applicable to incentive Capital Frojects.				20
21	Forecast Period Incentive Capital Additions Revenue Requirements (FC FILIR-ROE)	\$	_	Statement BK-1; Page 5, Line 20	21
22	1				22
23	D. Incentive Forecast Transmission CWIP Revenues:				23
24					24
25	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	Statement BK-1; Page 5, Line 37	25
26					26
27	E. Subtotal BTRR FU Excluding FF&U:	\$	631,279 v	Sum Lines 7; 13; 17; 21; 25	27
28					28
29	Transmission Related Municipal Franchise Fees Expenses		6,508 V	Line 27 x 1.031%	29
30	Transmission Related Uncollectible Expense		1,098 V	Line 27 x 0.174%	30
31 32	F. Total Retail BTRR FEE With FF&U	\$	638,885 v	Sum Lines 27 thru 30	31 32

 \forall Items that are in bold have changed compared to the original TO4 Cycle 3 filing per ER16-445.

San Diego Gas & Electric Company Statement BK-1 Annual BTRR & Additional Revenues For the Rate Effective Period January 1, 2016 - December 31, 2016 (\$1,000)

Line No.		A	mounts	Reference	Line No.
1	A. Total TO4 Cycle 3 Retail BTRR FII With FF&U:				1
2	· · · · · · · · · · · · · · · · · · ·				2
3	TO4 Cycle 3 End of Prior Year Revenues (PYRR EU) With FF&U	\$	638,885 V	Statement BK-1; Page 6 of 6; Line 32	3
4			<u> </u>		4
5	B. Other Retail BTRR Adjustments:				5
6					6
7	(1) TO3 Final True-Up Retail Interest True-Up Adj. (1/1/2015 - 12/31/2015)	\$	1,423	Vol. 3; Retail TO3 Final 17-Month Interest True-Up	7
				Adjustment Workpapers; Sec. 2.1B; Page 2; Line 18	
8					8
9	Transmission Related Municipal Franchise Fees Expenses		15	Line 7 x 1.031%	9
10				7: 7 0.4740/	10
11	Transmission Related Uncollectible Expense		2	Line 7 x 0.174%	11
12 13	Total TO2 Final Datail Interest True II. With FF 9.11		1,440	Sum Lines 7 thru 11	12 13
13	Total TO3 Final Retail Interest True-Up With FF&U		1,440	Sum Lines / thru 11	13
15	(2) FERC Audit Adjustment With FF&U		(1,109)	Vol. 4; FERC Audit Net Adjustment Summary	15
13	(2) TERC Prudit Prajustilient With Free		(1,10))	Workpapers; Sec. B; Page 1; Line 14	13
16					16
17	(3) Error Correction Adj. on TO4 Cycle 2 TU Depn Exp With FF&U		32	Vol. 2; TO4 Cycle 2 TU Depn. Exp. Correction WPs; Part I; Page 1; Line 28	17
18				1 att 1, 1 age 1, Line 20	18
19	Sub-Total Other Retail BTRR Adjustments With FF&U	\$	363	Sum Lines 13 thru 17	19
20	out four outer touri Differ requirements with fixe	Ψ	303	Sam Enter 17 till 17	20
21	C. Total Retail BTRR FU With FF&U 1	\$	639,248 v	Sum Lines 3 + Line 19	21

√ Items that are in bold have changed compared to the original TO4 Cycle 3 filing per ER16-445.

¹ This sheet is not part of the TO4 Formula Excel Spreadsheet Model and was created solely to provide a summary of all the TO4 Retail Base Transmission Revenue Requirement components including those items that were not contemplated by the TO4 Formula Excel Spreadsheet Model, namely the FERC Audit Adjustment from FERC Docket No. FA 12-8-000, the Interest True-Up Adjustment from January 2015 - December 2015 for the TO3-Final True-Up Adjustment, and an Error Correction adjustment applicable to depreciation expense.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU})

For the Base Period & True-Up Period Ending December 31, 2014 (\$1,000)

Line				Line
No.		Amounts 5	Reference	No.
1	A. Revenues:			1
2	Transmission Operation & Maintenance Expense	\$ 62,465	Statement AH; Page 5, Line 9	2 3
4 5	Transmission Related A&G Expense	79,884	Statement AH; Page 5, Line 56	4 5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement AH; Page 5, Line 17	6
7 8 9	Total O&M Expenses	\$ 142,349	Sum Lines 2 thru 6	7 8 9
10	$Transmission, General, Common\ Plant\ Depn.\ Exp.,\ and\ Electric\ Misc.\ Intangible\ Plant\ Amort.\ Exp.$	113,437	Statement AJ; Page 7, Line 17	10
11 12 13	Valley Rainbow Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 19	11 12 13
14 15	Transmission Plant Abandoned Project Cost Amortization Expense	550	Statement AJ; Page 7, Line 23	14 15
16 17	Transmission Related Property Taxes Expense	30,122	Statement AK; Page 8, Line 27	16 17
18 19	Transmission Related Payroll Taxes Expense	2,482	Statement AK; Page 8, Line 33	18 19
20 21	Sub-Total Expense	\$ 288,940	Sum Lines 8 thru 18	20 21
22	Cost of Capital Rate (COCR)	11.4829%	Statement AV; Page 15, Line 31	22
23	Transmission Rate Base	2,895,781	Statement BK-1; Page 2, Line 26	23
24 25	Return and Associated Income Taxes	\$ 332,520	Line 22 x Line 23	24 25
26	South Georgia Income Tax Adjustment	\$ 2,333	Statement AQ; Page 11, Line 1	26
27	Transmission Related Amortization of Investment Tax Credits	(265)	Statement AR; Page 12, Line 1	27
28	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement AR; Page 12, Line 3	28
29	Transmission Related Revenue Credits	(4,019)	Statement AU; Page 13, Line 11	29
30	Transmission Related Regulatory Debits	-	Misc. Statement; Page 17, Line 1	30
31 32	(Gains)/Losses from Sale of Plant Held for Future Use	<u>-</u>	Statement AU; Page 13, Line 13	31 32
33 34	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$ 619,509	Line 20 + Sum Lines (24 thru 31)	33 34
35	B. Incentive ROE Project Transmission Revenue:			35
36	Incentive Transmission Plant Depreciation Expense	\$ -	Statement AJ; Page 7; Line 21	36
37				37
38	Incentive Cost of Capital Rate (ICOCR)	0.0000% 4	Statement AV; Page 16, Line 31	38
39	Total Incentive ROE Project Transmission Rate Base	\$ -	Statement BK-1; Page 2; Line 31	39
40	Incentive ROE Project Return and Associated Income Taxes	\$ -	Line 38 x Line 39	40
41 42	Total Lauretina BOE Businet Tourseining December	e	Sum Lines 36; 40	41 42
43	Total Incentive ROE Project Transmission Revenue	<u>\$</u> -	Suili Lines 30, 40	43
44	C. Incentive Transmission Plant Abandoned Project Revenue:			44
45	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$ -	Statement AJ; Page 7; Line 25	45
46				46
47	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Statement BK-1; Page 2; Line 36	47
48	Cost of Capital Rate (COCR)	11.4829%	Statement AV; Page 15, Line 31	48
49	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	\$ -	Line 47 x Line 48	49
50			a	50
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$ -	Sum Lines 45; 49	51
52 53	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:			52 53
54	Incentive Transmission Construction Work In Progress ²	•	C4-4	
	ž	11.492004	Statement BK-1; Page 2; Line 38	54 55
55 56	Cost of Capital Rate (COCR) Incentive CWIP Return and Associated Income Taxes	\$ -	Statement AV; Page 15, Line 31 Line 54 x Line 55	55 56
57	meetate Civil Return and Associated meetine 14ACS	<u> </u>	Eme 54 A Eme 55	57
58	Total Incentive End of Prior Year Revenues (PYRR FULIR) Excluding FF&U	S -	Sum Lines 42; 51; 56	58
59	CU-IK/		24 2 12, 21, 20	59
60	E. Total (PYRR _{EU}) Excluding FF&U ³	\$ 619,509	Sum Lines 33; 58	60

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period.

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2014 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Rate Base:			
1	Net Transmission Plant:			1
2	Transmission Plant	\$ 3,253,172	Statement BK-1; Page 3; Line 16	2
3	Transmission Related Electric Miscellaneous Intangible Plant	14,066	Statement BK-1; Page 3; Line 17	3
4	Transmission Related General Plant	30,066	Statement BK-1; Page 3; Line 18	4
5	Transmission Related Common Plant	47,441	Statement BK-1; Page 3; Line 19	5
6	Total Net Transmission Plant	\$ 3,344,745	Sum Lines 2 thru 5	6
7				7
8	Rate Base Additions:			8
9	Transmission Plant Held for Future Use	\$ 6,546	Statement AG; Page 4; Line 1	9
10	Transmission Plant Abandoned Project Cost		Misc. Statement; Page 17, Line 4	10
11	Total Rate Base Additions	\$ 6,546	Sum Lines 9 thru 10	11
12				12
13	Rate Base Reductions:			13
14	Transmission Related Accum. Def. Inc. Taxes	\$ (514,923)	Statement AF; Page 3; Line 5	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes	-	Statement AF; Page 3; Line 9	15
16	Total Rate Base Reductions	\$ (514,923)	Sum Lines 14 thru 15	16
17	we to a set			17
18	Working Capital:	0.054	a	18
19	Transmission Related Materials and Supplies	\$ 26,271	Statement AL; Page 9; Line 5	19
20	Transmission Related Prepayments	15,348	Statement AL; Page 9; Line 9	20
21	Transmission Related Cash Working Capital	17,794	Statement AL; Page 9; Line 19	21
22	Total Working Capital	\$ 59,413	Sum Lines 19 thru 21	22
23				23
24	Other Regulatory Assets/Liabilities	-	Misc. Statement; Page 17, Line 7	24
25	m.im. '' n. n	Φ 2.005.701	6 11 16 22 24	25
26	Total Transmission Rate Base	\$ 2,895,781	Sum Lines 6; 11; 16; 22; 24	26
27				27
28	B. Incentive ROE Project Transmission Rate Base:			28
29	Net Incentive Transmission Plant ¹	\$ -	Statement BK-1; Page 3; Line 25	29
30	Incentive Transmission Plant Accum. Def. Income Taxes	-	Statement AF; Page 3; Line 7	30
31	Total Incentive ROE Project Transmission Rate Base	\$ -	Sum Lines 29 thru 30	31
32				32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:			33
34	Incentive Transmission Plant Abandoned Project Cost	\$ -	Misc. Statement; Page 17, Line 10	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes	-	Statement AF; Page 3; Line 11	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Sum Lines 34 thru 35	36
37				37
38	D. Incentive Transmission Construction Work In Progress ²	\$ -	Statement AM; Page 10; Line 1	38

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

² Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2014 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Plant:			
1	Gross Transmission Plant:			1
2	Transmission Plant	\$ 3,958,529	Statement AD; Page 1, Line 15	2
3	Transmission Related Electric Misc. Intangible Plant	19,111	Statement AD; Page 1, Line 31	3
4	Transmission Related General Plant	48,644	Statement AD; Page 1, Line 33	4
5	Transmission Related Common Plant	98,644	Statement AD; Page 1, Line 35	5
6	Total Gross Transmission Plant	\$ 4,124,928	Sum Lines 2 thru 5	6
7				7
8	Transmission Related Depreciation Reserve:			8
9	Transmission Plant Depreciation Reserve	\$ 705,357	Statement AE; Page 2, Line 1	9
10	Transmission Related Electric Misc. Intangible Plant Amortization Reserve	5,045	Statement AE; Page 2, Line 11	10
11	Transmission Related General Plant Depr Reserve	18,578	Statement AE; Page 2, Line 13	11
12	Transmission Related Common Plant Depr Reserve	51,203	Statement AE; Page 2, Line 15	12
13	Total Transmission Related Depreciation Reserve	\$ 780,183	Sum Lines 9 thru 12	13
14				14
15	Net Transmission Plant:			15
16	Transmission Plant	\$ 3,253,172	Line 2 Minus Line 9	16
17	Transmission Related Electric Miscellaneous Intangible Plant	14,066	Line 3 Minus Line 10	17
18	Transmission Related General Plant	30,066	Line 4 Minus Line 11	18
19	Transmission Related Common Plant	47,441	Line 5 Minus Line 12	19
20	Total Net Transmission Plant	\$ 3,344,745	Sum Lines 16 thru 19	20
21		<u></u>		21
22	B. Incentive Project Transmission Plant:			22
23	Incentive Transmission Plant ¹	\$ -	Statement AD; Page 1, Line 17	23
24	Incentive Transmission Plant Depreciation Reserve ¹	-	Statement AE; Page 2, Line 19	24
25	Total Net Incentive Transmission Plant	\$ -	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2015 - December 31, 2016 (\$1,000)

Line					Line
No.		I	Amounts	Reference	No.
	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS				
1	A. Derivation of Annual Fix Charge Rate (AFCR EU) Applicable to				1
2	Weighted Forecast Plant Additions:				2
3	PYRR _{EU} Excluding Franchise Fees and Uncollectible	\$	619,509	Statement BK-1; Page 1; Line 33	3
4	50% of Transmission O&M Expense		(31,233)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense		(39,942)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission		-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment		(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit		265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		-	Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU) Excluding FF&U	\$	546,266	Sum Lines 3 thru 11	12
13					13
14	Gross Transmission Plant	\$	4,124,928	Statement BK-1; Page 3, Line 6	14
15					15
16	Annual Fix Charge Rate (AFCR _{EU})		13.2430%	Line 12 / Line 14	16
17					17
18	Weighted Forecast Plant Additions	\$	-	Summary of HV-LV Plant Additions; Pg 1; Ln 5, Col. (f)	18
19					19
20	Forecast Period Capital Addition Revenue Requirements	\$	-	Line 16 x Line 18	20

San Diego Gas & Electric Company

Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2015 - December 31, 2016 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE			
	CAPITAL PROJECTS			
1	A. Derivation of Annual Fix Charge Rate (AFCR FILIR ROF) Applicable to			1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):			2
3	PYRR _{EU-IR-ROE} Excluding Franchise Fees and Uncollectible	\$ 619,509	Statement BK-1; Page 1; Line 33 + Line 42	3
4	50% of Transmission O&M Expense	(31,233)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(39,942)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$ 546,266	Sum Lines 3 thru 11	12
13				13
14	Gross Transmission Plant & Incentive Transmission Plant	\$ 4,124,928	Statement BK-1; Page 3, Line 6 + Line 23	14
15				15
16	Incentive Annual Fix Charge Rate (AFCR EU-IR-ROE) 1	13.2430%	Line 12 / Line 14	16
17				17
18	Incentive Weighted Forecast Plant Additions	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 8; Col. (f)	18
19				19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC FILIR-ROE)	\$ -	Line 16 x Line 18	20
21	• • • • • • • • • • • • • • • • • • • •			21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:			22
23	1. For the Period After the Base Period and Before the Rate Effective Period:			23
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln	24
			10; Col. (f)	
25				25
26	Cost of Capital Rate (COCR)	11.4829%	Statement AV; Page 15, Line 31	26
27				27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 24 x Line 26	28
29				29
30	2. For the Period During the Rate Effective Period:			30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 12; Col. (f)	31
32				32
33	Cost of Capital Rate (COCR)	11.4829%	Statement AV; Page 15, Line 31	33
34	. ,		-	34
35	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 31 x Line 33	35
36	•			36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Sum Lines 28; 35	37

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Base Transmission Revenue Requirements (BTRR _{EU}) For the Rate Effective Period January 1, 2016 - December 31, 2016 (\$1,000)

Line No.		A	mounts	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR FU):				1
2					2
3	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$	619,509	Statement BK-1; Page 1; Line 33	3
4					4
5	Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U		-	Statement BK-1; Page 1; Line 58	5
6					6
7	Sub-Total Base Period Revenues	\$	619,509	Sum Lines 3 thru 5	7
8					8
9	Retail True-Up Period Adjustment	\$	-	(Retail TU Adj; Total Col; Line 29) / 1,000	9
10 11	Retail Interest True-Up Adjustment			(Retail Int TU-1 + Retail Int TU-2; Ttl Col; Ln	10 11
11	Retail Interest True-Op Adjustment			20)/1,000	11
12				20)/1,000	12
13	Sub-Total True-Up Adjustments	\$	_	Sum Lines 9 thru 11	13
14					14
15	B. Annual Fixed Charges Applicable to Capital Projects:				15
16					16
17	Forecast Period Capital Addition Revenue Requirements	\$	-	Statement BK-1; Page 4, Line 20	17
18					18
19	C. Annual Fixed Charges Applicable to Incentive Capital Projects:				19
20				DV 4 D 4 T 40	20
21	Forecast Period Incentive Capital Additions Revenue Requirements (FC EU-IR-ROE)	\$	-	Statement BK-1; Page 5, Line 20	21
22 23	D. L				22 23
23 24	D. Incentive Forecast Transmission CWIP Revenues:				23
25	Incentive Transmission Forecast CWIP Projects Revenue Requirements	S	_	Statement BK-1; Page 5, Line 37	25
26	meentre transmission refease even trojects revenue requirements	Ψ		Statement Bit 1, 1 age 3, Ellie 37	26
27	E. Subtotal BTRR EU Excluding FF&U:	\$	619,509	Sum Lines 7; 13; 17; 21; 25	27
28			,		28
29	Transmission Related Municipal Franchise Fees Expenses		6,387	Line 27 x 1.031%	29
30	Transmission Related Uncollectible Expense		1,078	Line 27 x 0.174%	30
31					31
32	F. Total Retail BTRR FU With FF&U	\$	626,974	Sum Lines 27 thru 30	32

San Diego Gas & Electric Company Statement BK-1 Annual BTRR & Additional Revenues For the Rate Effective Period January 1, 2016 - December 31, 2016 (\$1,000)

Line No.		Amounts	Reference	Line No.
1	A. Total TO4 Cycle 3 Retail BTRR FIL With FF&U:			1
2	M Total To To yell o Retain D Title [1] With TT Co.			2
3	TO4 Cycle 3 End of Prior Year Revenues (PYRR _{EU}) With FF&U	\$ 626,974	Statement BK-1; Page 6 of 6; Line 32	3
4	. 20/		, 8	4
5	B. Other Retail BTRR Adjustments:			5
6	·			6
7	(1) TO3 Final True-Up Retail Interest True-Up Adj. (1/1/2015 - 12/31/2015)	\$ 1,423	Vol. 3; Retail TO3 Final 17-Month Interest True-Up Adjustment Workpapers; Sec. 2.1B; Page 2; Line 18	7
8				8
9	Transmission Related Municipal Franchise Fees Expenses	15	Line 7 x 1.031%	9
10				10
11 12	Transmission Related Uncollectible Expense	2	Line 7 x 0.174%	11
13	Total TO3 Final Retail Interest True-Up With FF&U	1.440	Sum Lines 7 thru 11	12 13
14	Total 103 Final Retail interest True-op with FF&0	1,440	Sum Lines / unu 11	13
15	(2) FERC Audit Adjustment With FF&U	(1,109)	Vol. 4; FERC Audit Net Adjustment Summary Workpapers; Sec. B; Page 1; Line 14	15
16				16
17	(3) Error Correction Adj. on TO4 Cycle 2 TU Depn Exp With FF&U	32	Vol. 2; TO4 Cycle 2 TU Depn. Exp. Correction WPs; Part I; Page 1; Line 28	17
18			•	18
19	Sub-Total Other Retail BTRR Adjustments With FF&U	\$ 363	Sum Lines 13 thru 17	19
20				20
21	C. Total Retail BTRR FU With FF&U 1	\$ 627,337	Sum Lines 3 + Line 19	21

¹ This sheet is not part of the TO4 Formula Excel Spreadsheet Model and was created solely to provide a summary of all the TO4 Retail Base Transmission Revenue Requirement components including those items that were not contemplated by the TO4 Formula Excel Spreadsheet Model, namely the FERC Audit Adjustment from FERC Docket No. FA 12-8-000, the Interest True-Up Adjustment from January 2015 - December 2015 for the TO3-Final True-Up Adjustment, and an Error Correction adjustment applicable to depreciation expense.

Statement AF - Workpapers Deferred Credits Base Period 12 - Months Ending December 31, 2014 (\$1,000)

Line No	-	(a) 31-Dec-13	(b) 31-Dec-14	[(a)+(b)]/2 rage Balance	Reference	Line No
1	Transmission Related ADIT- Excluding Bonus Depreciation	\$ (276,123)	\$ (309,582)	\$ (292,852)	Stmt AF WP; Page AF-1; Line 1	1
3 4	Transmission Related ADIT from Bonus Depreciation	(83,086)	(154,543) v	 (118,815) V	Stmt AF WP; Page AF-1; Line 3	2 3 4
5	Total Transmission Related ADIT	\$ (359,209) v	\$ (464,125) V	\$ (411,667) √	Sum of Lines 1 thru 3	5
6 7					Form 1; Pg. 450.1; Sch. Pg. 274; Ln 2; Cols. b and k	6 7
8	Incentive Transmission Plant ADIT	\$ -	\$ -	\$ <u>-</u>	Stmt AF WP; Page AF-2; Line 1	8
10	Transmission Plant Abandoned ADIT	\$ -	\$ -	\$ -	Stmt AF WP; Page AF-2; Line 4	10
11 12	Incentive Transmission Plant Abandoned Project Cost ADIT	\$ -	\$ -	\$ 	Stmt AF WP; Page AF-2; Line 7	11 12

 $^{{\}it v}$ Items that are in bold have changed compared to the original TO4 Cycle 3 filing per ER16-445.

Statement AV - Workpapers

Cost of Capital and Fair Rate of Return

Base Period & True-Up Period 12 - Months Ending December 31, 2014 (\$1,000)

Line No.					Amounts	Reference	Line No.
110.	-				Amounts	Reference	110.
1	Long-Term Debt Component - Denomin						1
2	(Plus) Bonds (Acct. 221) (p112.Line18c)			\$ 3,912,505	Form 1; Page 112; Line 18c	2
3	(Less) Reacquired Bonds (Acct. 222) (p.	112.Line19c)			-	Form 1; Page 112; Line 19c	3
4	(Plus) Other Long-Term Debt (Acct. 224	4) (p112.Line21c)		223,900	Form 1; Page 112; Line 21c	4
5	(Plus) Unamortized Premium on Long-T				-	Form 1; Page 112; Line 22c	5
6	(Less) Unamortized Discount on Long-T	erm Debt-Debit	(Acct 226) (p112	.Line23c)	10,328	Form 1; Page 112; Line 23c	6
						Line 2 Minus Line 3 Plus Lines 4 & 5	
7	LTD = Long Term Debt (p112, sum of L	ine17d thru Line	22d, details on p	256-257)	\$ 4,126,077	Minus Line 6	7
8							8
9	Long-Term Debt Component - Numerate				e 100.02 <i>(</i>	E 1 D 117 I 2	9
10	(Plus) Interest on Long-Term Debt (427)		(2.)		\$ 189,026	Form 1; Page 117; Line 62c	10
11	(Plus) Amort. of Debt Disc. and Expense				3,210	Form 1; Page 117; Line 63c	11
12	(Plus) Amortization of Loss on Reacquir (Less) Amort. of Premium on Debt-Cred				2,393	Form 1: Page 117: Line 64c	12 13
13 14	(Less) Amortization of Gain on Reacquir			2662)	-	Form 1; Page 117; Line 65c Form 1; Page 117; Line 66c	14
15	i = LTD interest (p117, sum of Line56c			ledde)	\$ 194,629	Sum Lines 10; 11; 12 Minus Lines 13 & 14	15
16	T ETD interest (p117, sum of Emesor)	ina Emedoe, act	ans on p257))		Ψ 174,027	Sum Emes 10, 11, 12 minus Emes 13 & 14	16
17	Cost of Long-Term Debt:				4.72%	Line 15 / Line 7	17
18	Cost of Long-Term Debt.				7.7270	Effic 13 / Effic /	18
19	Preferred Equity Component:						19
20	PF = Preferred Stock - Acct 204 (p112.3	c)			¢ _	Form 1; Page 112; Line 3c	20
21	d(pf) = Total Dividends Declared-Prefer	*	437) (n118 29c)	1	\$ -	Form 1; Page 118; Line 29c	21
22	Cost of Preferred Equity	rea Blocks (Ficel	(P110.250)	,	0.00%	Line 21 / Line 20	22
23	Cost of Freienda Equity				0.0070	Eme 217 Eme 20	23
24	Common Equity Component:						24
25	Proprietary Capital (p112.16c)				\$ 4,933,978	Form 1; Page 112; Line 16c	25
26	(Less) Preferred Stock - Acct 204 (p112.	.3c)			-	Form 1; Page 112; Line 3c	26
27	(Less) Unappropriated Undistributed Su		s (Acct. 216.1) (p	112.12c)	-	Form 1; Page 112; Line 12c	27
28	(Less) Accumulated Other Comprehensi				(11,998)	Form 1; Page 112; Line 15c	28
29	CS = Common Stock	`	, ,		\$ 4,945,976	Line 25 Minus Lines 26, 27 & 28	29
30							30
						Offer of Settlement in FERC Docket No. ER13-	
31	Return on Common Equity:				10.05%	941-001	31
32		(a)	(b)	(c)	$(d) = (b) \times (c)$		32
33			Cap. Struct.	Cost of	Weighted		33
34	Weighted Cost of Capital:	Amount 1	Ratio	Capital	Cost of Capital		34
35							35
36	Long-Term Debt	\$ 4,126,077	45.48%	4.72%	2.15%	Col. $C = Line 17 Above$	36
37	Preferred Equity		0.00%	0.00%	0.00%	Col. $C = Line 22 Above$	37
38	Common Equity	4,945,976	54.52%	10.05%	5.48%	Col. C = Line 31 Above	38
39	Total Capital	\$ 9,072,053	100.00%		7.63%	Sum Lines 36 thru 38	39
40		G)			7.400/	G I: 27 20 G I (I)	40
41	Cost of Equity Component (Preferred &	Common):			5.48%	Sum Lines 37; 38; Col. (d)	41
42							42
	Incentive Return on Common Equity: ²				0.000/	C. (ANIMD D. ANIA I. 1	
44	incentive Return on Common Equity:	()	4.)	()	0.00%	Stmt AV WP; Page AV-1; Line 1	44
45		(a)	(b)	(c)	(d) = (b) x (c)		45
46	W. L. 10	, 1	Cap. Struct.	Cost of	Weighted		46
47	Weighted Cost of Capital:	Amount 1	Ratio	Capital	Cost of Capital		47
48	I T D1:	Φ 4.12C 055	45.4007	4.7007	2.150/	C 1 C 1: 17 11	48
49	Long-Term Debt	\$ 4,126,077	45.48%	4.72%	2.15%	Col. C = Line 17 Above	49
50	Preferred Equity	4,945,976	0.00%	0.00%	0.00%	Col. $C = \text{Line } 22 \text{ Above}$	50
51 52	Common Equity	\$ 9,072,053	54.52%	0.00%	0.00% 2.15%	Col. C = Line 44 Above	51 52
52	Total Capital	φ 9,072,033	100.00%		2.13%	Sum Lines 49 thru 51	52 52
53	Instantian Cost of E. G. C.	-f1 8 C	>-		0.000/	C I 50 51 C 1 / 1	53
54	Incentive Cost of Equity Component (Pr	eterred & Comm	<u>on):</u>		0.00%	Sum Lines 50; 51; Col. (d)	54

Amount is based upon December 31 balances.

² The Incentive Return on Common Equity will be tracked and shown separately for each project. As a result, lines 44 through 54 will be repeated for each project.

Statement AV

Cost of Capital and Fair Rate of Return

Base Period & True-Up Period 12 - Months Ending December 31, 2014 (\$1,000)

Line				Line
No.	_	Amounts	Reference	No.
1	Cost of Capital Rate (COCR) Calculation:			1
2				2
3	a. Federal Income Tax Component:			3
4				4
5	Where:			5
6	A = Sum of Preferred Stock and Return on Equity Component	5.48%	Stmt AV WP; Page AV1; Line 41	6
7	B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab.	\$ 265	Statement AR; Page 12; Line 5	7
8	C = Equity AFUDC Component of Transmission Depreciation Expense	\$ 4,213	Stmt AV WP; Page AV-1; Line 4	8
9	D = Transmission Rate Base	2,999,037 √	Statement BK1; Page 2; Line 26	9
10	FT = Federal Income Tax Rate @ 35%	35.00%	Federal Income Tax Rate	10
11				11
12	Federal Income Tax = $(((A) + (C / D)) * FT) - (B / D)$	3.0128% √	Federal Income Tax Expense	12
13	(1 - FT)			13
14				14
15	B. State Income Tax Component:			15
16				16
17	Where:			17
18	A = Sum of Preferred Stock and Return on Equity Component	5.48%	Stmt AV WP; Page AV1; Line 41	18
19	B = Equity AFUDC Component of Transmission Depreciation Expense	\$ 4,213	Line 8 Above	19
20	C = Transmission Rate Base	\$ 2,999,037 ∨	Statement BK1; Page 2; Line 26	20
21	FT = Federal Income Tax Expense	3.0128% √	Line 12 Above	21
22	ST = State Income Tax Rate @ 8.84%	8.84%	State Income Tax Rate	22
23				23
24	State Income Tax = $((A) + (B/C) + Federal Income Tax)*(ST)$	0.8372% √	State Income Tax Expense	24
25	(1 - ST)			25
26				26
27	C. Total Federal & State Income Tax Rate:	3.8500% √	Sum Lines 12; 24	27
28				28
29	D. Total Weighted Cost of Capital:	7.6300%	Stmt AV WP; Page AV1; Line 39	29
30				30
31	E. Cost of Capital Rate (COCR):	11.4800% v	Sum Lines 27; 29	31

 $^{{\}it V}$ Items that are in bold have changed compared to the original TO4 Cycle 3 filing per ER16-445.

Statement AV

Cost of Capital and Fair Rate of Return

Base Period & True-Up Period 12 - Months Ending December 31, 2014 (\$1,000)

Line					Line
No.	<u>-</u>	A	mounts	Reference	No.
1	Incentive Cost of Capital Rate (ICOCR) Calculation: 1				1
2					2
3	a. Federal Income Tax Component:				3
4					4
5	Where:				5
6	A = Sum of Preferred Stock and Return on Equity Component		0.00%	Stmt AV WP; Page AV1; Line 54	6
7	B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab.		0	Shall be Zero for Incentive ROE Projects	7
8	C = Equity AFUDC Component of Transmission Depreciation Expense	\$	-	Stmt AV WP; Page AV-1; Line 7	8
9	D = Incentive ROE Project Transmission Rate Base	\$	-	Statement BK1; Page 2; Line 31	9
10	FT = Federal Income Tax Rate @ 35%		35%	Stmt AV WP; Page AV2; Line 10	10
11					11
12	Federal Income Tax = $(((A) + (C/D)) * FT) - (B/D)$		#DIV/0!	Federal Income Tax Expense	12
13	(1 - FT)				13
14					14
15	B. State Income Tax Component:				15
16					16
17	Where:				17
18	A = Sum of Preferred Stock and Return on Equity Component		0.00%	Stmt AV WP; Page AV1; Line 54	18
19	B = Equity AFUDC Component of Transmission Depreciation Expense	\$	-	Line 8 Above	19
20	C = Incentive ROE Project Transmission Rate Base	\$	-	Line 9 Above	20
21	FT = Federal Income Tax Expense		#DIV/0!	Line 12 Above	21
22	ST = State Income Tax Rate @ 8.84%		8.84%	Stmt AV WP; Page AV2; Line 22	22
23					23
24	State Income Tax = $((A) + (B/C) + Federal Income Tax)*(ST)$		#DIV/0!	State Income Tax Expense	24
25	(1 - ST)			•	25
26	,				26
27	C. Total Federal & State Income Tax Rate:		#DIV/0!	Sum Lines 12; 24	27
28				,	28
29	D. Total Incentive Weighted Cost of Capital:		2.1500%	Stmt AV WP; Page AV1; Line 52	29
30				,,,,,,	30
31	E. Incentive Cost of Capital Rate (ICOCR):		#DIV/0! 1	Sum Lines 27; 29	31

The Incentive Cost of Capital Rate Calculation will be tracked and shown separately for each project. As a result, lines 3 through 31 will be repeated for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

San Diego Gas & Electric Company ADIT Error Correction Plus Accrued Interest Expense (Jan 2014 - Dec 2018) (\$1,000)

	Time										2014								
No.	Description	Reference	Jan-14	4	Feb-14	Σ	Mar-14	Apr-14	May-14		Jun-14	Jul-14	Ψ	Aug-14	Sep-14	Oct-14		Nov-14	Dec-14
_ (Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	se	1	\$ 975	se Se	1,891	\$ 2,725	s	3,584 \$	4,581	\$ 5,576	s	6,633 \$	5 7,753	s	9,022 \$	10,101	\$ 11,037
7 E	2 3 Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period 1			8.28%	7.74%	%	7.04%	7.22%		8.37%	8.34%	8.83%	%	9.35%	10.59%		8.93%	7.72%	7.59%
4 v	Refail RTRR Excluding FE&11 Difference Associated	See Footnote 1 Line 3 x Line 5. 'Total' Column	S	974	116	95	829	850	95	\$ 586	186	1.040	95	1.100	\$ 1.246	s.	\$ 150.1	606	893
,	with the ADIT Error Correction 2		÷						,				_	_		,			
9	6 7 Interest Expense Calculation; 3																		
- ∞	8 Beginning Balance for Interest Calculation	Beginning Quarterly Balances	S	1	1	€9		\$ 2,725	÷	2,725 \$	2,725	\$ 5,576	\$ 9	5,576 \$	5,576	S	9,022 \$	9,022	\$ 9,022
2 2 2	Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		487	1,430	0	2,300	425		1,343	2,326	520	0	1,590	2,763		526	1,506	2,406
12	11 Basis for Interest Expense Calculation	Line 8 + Line 10		487	1,430	0	2,300	3,150		4,068	5,051	960'9	9	7,166	8,339		9,548	10,528	11,428
14	Monthly Interest Rate 4	FERC Monthly Rates	0.28	0.28000%	0.25000%		0.28000%	0.27000%	0.28000%		0.27000%	0.28000%		0.28000%	0.27000%	% 0.28000%		0.27000%	0.28000%
91	116 Interest Expense	Line 12 x Line 14	s	1 8	4	8	9	9	\$ 6	11	14	S	s 21	20 \$	33	se	27 \$	28	\$ 32
- 81	17 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	s	975	1,891	8	2,725	\$ 3,584	se	4,581 \$	5,576	\$ 6,633	es es	7,753 \$	9,022	se.	10,101	11,037	\$ 11,962

NOTES.

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

³ Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

San Diego Gas & Electric Company ADIT Error Correction Plus Accrued Interest Expense (Jan 2014 - Dec 2018) (\$1,000)

No. 2 2 2 3 Ratio of True-up True-up 5 Retail B with the	No. Description Beginning Balance (Overcollection)/Undercollection Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period ¹	Reference	Jan-15	15	Feb-15	Mar-15	Anr-15										
Beginnia Ratio of True-up True-up Retail B with the	ing Balance (Overcollection)/Undercollection if Revised True-up Cost of Service Revenues / Total p Cost of Service Revenues for the TU Period					-	OV-10	May-15	Jun-15	Jul-15	15	Aug-15	Sep-15		Oct-15	Nov-15	Dec-15
3 Ratio of True-up 4 Retail B with the	f Revised True-up Cost of Service Revenues / Total p Cost of Service Revenues for the TU Period ¹	Previous Month's Balance	s	11,962 \$	11,995	\$ 12,025	\$ 12,058	\$ 12,091	1 \$ 12,125	99	12,158 \$	12,192	\$ 12,226	69	12,259 \$	12,293	\$ 12,326
4 Retail B with the	COSC OF DOLLARS TOT THE TO I SHOW			0.00%	0.00%	0.00%	0.00%	%00:0	% 0.00%		0.00%	0.00%	0.00%	%0	0.00%	0.00%	0.00%
5 Retail B with the		See Footnote 1															
5 Retail B with the																	
9 with the	Retail BTRR Excluding FF&U Difference Associated	Line 3 x Line 5, 'Total' Column	se.	-	'	-	- -	· •	ee	se.	-		· ·	se.	·		· •
	With the AD11 Error Correction																
7 Interest	7 Interest Expense Calculation: 3																
8 Beginnir	8 Beginning Balance for Interest Calculation	Beginning Quarterly Balances	\$	11,962 \$	11,962	\$ 11,962	\$ 12,058	\$ 12,058	8 \$ 12,058	8	12,158 \$	12,158	\$ 12,158	S	12,259 \$	12,259	\$ 12,259
6						_											
10 Monthly	10 Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		0	0	0	0		0	0	0	0		0	0	0	
11 12 Basis for	11 Basis for Interest Expense Calculation	Line 8 + Line 10		11,962	11,962	11,962	12,058	12,058	8 12,058		12,158	12,158	12,158		12,259	12,259	12,259
14 Monthly	Monthly Interest Rate 4	FERC Monthly Rates	0.2	0.28000%	0.25000%	0.28000%	0.27000%	% 0.28000%	% 0.27000%		0.28000%	0.28000%	0.27000%		0.28000%	0.27000%	0.28000%
15 Interest Expense	t Expense	Line 12 x Line 14	se	33 \$	30	\$ 33	\$ 33	\$ 34	s	33 \$	34	34	8	33 \$	34 \$	33	\$
17 18 Ending	17 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	\$	11,995 \$	12,025	\$ 12,058	\$ 12,091	\$ 12,125	5 8 12,158	S	12,192 \$	12,226	\$ 12,259	s	12,293 \$	12,326	\$ 12,360

NOTES.

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

³ Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

San Diego Gas & Electric Company ADIT Error Correction Plus Accrued Interest Expense (Jan 2014 - Dec 2018) (\$1,000)

e											2016	٠,							
No.	Description	Reference	Jan	Jan-16	Feb-16	Σ	Mar-16	Apr-16	May-16	H	Jun-16	Jul-16	Αn	Aug-16	Sep-16	Oct-16	16	Nov-16	Dec-16
- (Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	S	12,360	\$ 12,395	se Q	12,427	\$ 12,462	se.	12,497 \$	12,533	\$ 12,568	جو	12,606 \$	12,644	s	12,680 \$	12,718	\$ 12,755
7 %	2 3 Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period 1			0.00%	0.00%	%	0.00%	0.00%		0.00%	0.00%	0.00%		0.00%	0.00%		0.00%	0.00%	%00:0
4 %	Retail BTRR Excluding FF&U Difference Associated with the ADIT Frenc Correction?	See Footnote 1 Line 3 x Line 5, 'Total' Column	s	1		se		· · · · · · · · · · · · · · · · · · ·	se.	se .	1		s			s	· ·	,	se .
9 1 8	6 7 Interest Expense Calculation: 3 8 Beginning Balance for Interest Calculation	Beginning Quarterly Balances		12,360	\$ 12,360	s 0	12,360	\$ 12,462	↔	12,462 \$	12,462 \$	\$ 12,568	↔	12,568 \$	12,568	€	12,680 \$	12,680	\$ 12,680
9	9 10 Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		0		0	0	0		0	0	0		0	0	_	0	0	
11	11 Basis for Interest Expense Calculation	Line 8 + Line 10		12,360	12,360	0	12,360	12,462		12,462	12,462	12,568		12,568	12,568		12,680	12,680	12,680
3 4 7	Monthly Interest Rate 4	FERC Monthly Rates	0.7	0.28000%	0.26000%		0.28000%	0.28000%	% 0.29000%		0.28000%	0.30000%		0.30000%	0.29000%		0.30000%	0.29000%	0.30000%
16	15 Interest Expense	Line 12 x Line 14	s	35	\$ 32	s S	35	\$ 35	ee ee	36 \$	35	\$ 38	se.	38	36	se Se	38	37	s
- 8	17 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	8	12,395	\$ 12,427	7 8	12,462	\$ 12,497	s	12,533 \$	12,568 \$	\$ 12,606	8	12,644 \$	12,680	S	12,718	12,755	\$ 12,793

NOTES.

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

³ Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

San Diego Gas & Electric Company ADIT Error Correction Plus Accrued Interest Expense (Jan 2014 - Dec 2018) (\$1,000)

Š											í	1707								
. Г	Description	Reference	Jа	Jan-17	Feb-17		Mar-17	Apr-17		May-17	Jun-17	Jul-17	7	Aug-17	Sep-17	-17	Oct-17	Nov-17		Dec-17
	Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	s	12,793	\$ 12,831	31 \$	12,866	\$ 12,904	99	12,943 \$	12,984	\$ 13,	13,023 \$	13,067	99	13,111 \$	13,154	\$ 13,201	201 S	13,247
	Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period			0.00%	0.00%	%0	0.00%	0.00%	%0	0.00%	0.00%		%00.0	0.00%		0.00%	0.00%		0.00%	0.00%
	Retail BTRR Excluding FF& U Difference Associated usits the ADIT Error Correction?	Sec Footnote 1 Line 3 x Line 5, 'Total' Column	Se		s	S		·	æ			S	· ·		∞	9		∞	S	
9 / 8	6 6 Interest Expense Calculation: 3 7 Recipror Balance for Interest Calculation 8 Recipror Balance for Interest Calculation	Beoinning Quarterly Balances	s.	12.793	\$ 12.793	\$	12.793	\$ 12.904	64	12.904 \$	12.904	€5	13.023 \$	13.023	€	13.023	13.154	64	13.154	13.154
	9 Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis	•	0	Î		0	,	·	0	0	·	0	0	,	0		·	. 0	0
	11 Basis for Interest Expense Calculation	Line 8 + Line 10		12,793	12,793	93	12,793	12,904		12,904	12,904	13,	13,023	13,023		13,023	13,154		13,154	13,154
	13 Monthly Interest Rate 4	FERC Monthly Rates	0.:	0.30000%	0.27000%		0.30000%	0.30000%		0.32000%	0.30000%	0.34000%	%000	0.34000%		0.33000%	0.36000%	% 0.35000%		0.36000%
	15 Interest Expense	Line 12 x Line 14	S	38	se.	35 \$	38	8	39 \$	41 \$	39	s	4 8	4	s	8 8	47	89	46 \$	47
	17 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	S	12,831	\$ 12,80	12,866 \$	12,904	\$ 12,94	12,943 \$	12,984 \$	13,023 \$		13,067 \$	13,111	∞	13,154 \$	13,201	\$ 13,247	247 \$	13,294

NOTES:

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

³ Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

San Diego Gas & Electric Company ADIT Error Correction Plus Accrued Interest Expense (Jan 2014 - Dec 2018) (\$1,000)

										, 1	2018										Line
	Description	Reference	Jan-18		Feb-18	Mar-18	Apr-18	H	May-18	Jun-18	Jul-18		Aug-18	Sep-18	Oct-18		Nov-18	Dec-18		Total	No.
	Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	\$ 13,	13,294 \$	13,342	\$ 13,386	se.	13,434 \$	13,484	\$ 13,535	99	13,585 \$	13,639 \$	13,693	se.	13,746 \$	13,804 \$	13,860	S	'	
	Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period ¹			%00.0	%00.0	0.00%		%00.0	%00.0	0.00%		%00.0	%00.0	0.00%		%00.0	%00.0	0.00%		100.00%	%(
	Retail BTRR Excluding FF&U Difference Associated with the ADIT Error Correction 2	See Footnote 1 Line 3 x Line 5, 'Total' Column	se	es		· · · · · · · · · · · · · · · · · · ·		S		· ·	∞	· ·			· •	se .			S	11,770	Q.
_ =	Interest Expense Calculation: ³ Beginning Balance for Interest Calculation	Beginning Quarterly Balances	\$ 13,	13,294 \$	13,294	\$ 13,294	€9	13,434 \$	13,434	\$ 13,434	-∽	13,585 \$	13,585 \$	13,585		13,746 \$	13,746 \$	13,746			
-	9 Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		0	0		0	0	0		0	0	0	0		0	0	0			
ш	Basis for Interest Expense Calculation	Line 8 + Line 10	13,7	13,294	13,294	13,294	13,434	434	13,434	13,434		13,585	13,585	13,585		13,746	13,746	13,746			
_	Monthly Interest Rate 4	FERC Monthly Rates	0.36000%		0.33000%	0.36000%	% 0.37000%		0.38000%	0.37000%		0.40000%	0.40000%	0.39000%	0.42000%		0.41000%	0.42000%			
1 91	Interest Expense	Line 12 x Line 14	s	84 8	4	8	8 8	s 0s	51	\$ 50	s	\$ &	54 8	83	s	\$ 85	s 95	28	se	2,148	œ
18	Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	\$ 13,	13,342 \$	13,386	\$ 13,434	se	13,484 \$	13,535	\$ 13,585	se.	13,639 \$	13,693 \$	13,746	s	13,804 \$	13,860 \$	13,918	S	13,918	œ

NOTES:

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

³ Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

San Diego Gas & Electric Company

TO4 Cycle 4 ADIT Adjustment to Base Transmission Revenue Requirements For the Rate Effective Period January 1, 2019 - December 31, 2019 (\$1,000)

Line		<u>A</u>	<u>mounts</u>	Reference	Line
No.	_				No.
1	BTRR Adjustment due to TO4 Cycle 4 ADIT Error Calculation:				1
2	Retail BTRR Adjustment - Before Interest	\$	28,182	Page 2.6; Col (c); Line 27	2
3					3
4	Interest Expense		4,064	Page 7.4; Line 16 Total Column	4
5	•	_	<u> </u>		5
6	Total BTRR Adjustment Excluding FF&U		32,246	Line 2 + Line 4	6
7	•				7
8	Transmission Related Municipal Franchise Fees Expenses		331	Line 6 x 1.0277%	8
9		_			9
10	Subtotal BTRR Adjustment Including Francise Fees Expenses		32,577	Line 6 + Line 8	10
11	•				11
12	Transmission Related Uncollectible Expense		56	Line 6 x 0.174%	12
13					13
14	Total Retail BTRR Adjustment Including FF&U	\$	32,633	Line 10 + Line 12	14

Section C.5. of the Protocols provides a mechanism for SDG&E to correct errors that affected the TU TRR in a previous Informational Filing. In this TO5 Cycle 1 Informational Filing, SDG&E is correcting a TO4 Cycle 4 error of approximately \$32.6M due to ADIT recalculation of the transmission related ADIT from Bonus Depreciation. Lines 1 - 14 show SDG&E's quantification of the revenue requirements including interest.

Line No.		C4	A evised TO4 TU - Period Amounts	T I	B Filed TO4 C4 U - Period ER17-470 Amounts	Dif	= A - B fference r (Decr)	Reference	Line No.
1	A. Revenues:								1
2 3	Transmission Operation & Maintenance Expense	\$	68,154	\$	68,154	\$	-	Page 3.1 and Page 4.1, Line 2	2 3
4 5	Transmission Related A&G Expense		54,318		54,318		-	Page 3.1 and Page 4.1, Line 4	4 5
6 7	CPUC Intervenor Funding Expense							Page 3.1 and Page 4.1, Line 6	6 7
8 9	Total O&M Expenses	\$	122,472	\$	122,472	\$	-	Sum Lines 2 thru 6	8 9
10 11	Transmission, Intangible, General and Common Depr. & Amort. Expense		131,586		131,586		-	Page 3.1 and Page 4.1, Line 10	10 11
12 13	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.1 and Page 4.1, Line 12	12 13
14 15	Transmission Plant Abandoned Project Cost Amortization Expense		-		-		-	Page 3.1 and Page 4.1, Line 14	14 15
16 17	Transmission Related Property Taxes Expense		36,525		36,525		-	Page 3.1 and Page 4.1, Line 16	16 17
18 19	Transmission Related Payroll Taxes Expense		2,574		2,574			Page 3.1 and Page 4.1, Line 18	18 19
20 21	Sub-Total Expense	\$	293,157	\$	293,157	\$		Sum Lines 8 thru 18	20 21
22	Cost of Capital Rate (COCR)		11.7370% √		11.7429%	_	0.0059%	Page 3.1 and Page 4.1, Line 22	22
23	Transmission Rate Base	s	3,448,726 V		3,207,000		241,726	Page 3.1 and Page 4.1, Line 23	23
24	Return and Associated Income Taxes	\$	404,778 V		376,596	\$	28,182	Line 22 x Line 23	24
25									25
26	South Georgia Income Tax Adjustment	\$	2,333	\$	2,333	\$	-	Page 3.1 and Page 4.1, Line 26	26
27	Transmission Related Amortization of ITC		(265)		(265)		_	Page 3.1 and Page 4.1, Line 27	27
28	Transmission Related Amortization of Excess Deferred Tax Liabilities		-		- 1		-	Page 3.1 and Page 4.1, Line 28	28
29	Transmission Related Revenue Credits		(7,126)		(7,126)		-	Page 3.1 and Page 4.1, Line 29	29
30	Transmission Related Regulatory Debits		-		-		-	Page 3.1 and Page 4.1, Line 30	30
31 32	(Gains)/Losses from Sale of Plant Held for Future Use		-					Page 3.1 and Page 4.1, Line 31	31 32
33	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	•	692,877 √	•	664,695	\$	28,182	Line 20 + Sum Lines (24 thm, 21)	33
	End of Fron Teal Revenues (FFRR EU) Excluding 11 &C	3	092,677 V	Þ	004,093	3	20,102	Line 20 + Sum Lines (24 thru 31)	
34	D. L								34
35	B. Incentive ROE Project Transmission Revenue:	6		6		e		D 21 ID 41 I: 26	35
36 37	Incentive Transmission Plant Depreciation Expense	3		3		2		Page 3.1 and Page 4.1, Line 36	36 37
38	Incentive Cost of Capital Rate (ICOCR)		0.0000% 4		0.0000%		0.0000%	Page 3.1 and Page 4.1, Line 38	38
39	Total Incentive ROE Project Transmission Rate Base	\$	-	\$	_	\$	-	Page 3.1 and Page 4.1, Line 39	39
40	Incentive ROE Project Return and Associated Income Taxes	\$	_	\$	-	\$	-	Line 38 x Line 39	40
41	v								41
42	Total Incentive ROE Project Transmission Revenue	\$	-	\$	-	\$	-	Sum Lines 36; 40	42
43									43
44	C. Incentive Transmission Plant Abandoned Project Revenue:								44
45	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$		\$	-	\$		Page 3.1 and Page 4.1, Line 45	45
46									46
47	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$	-	\$	-	\$	-	Page 3.1 and Page 4.1, Line 47	47
48	Cost of Capital Rate (COCR)		11.7370% √		11.7429%	_	0.0059%	Page 3.1 and Page 4.1, Line 48	48
49	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxo	es \$	-	\$	-	\$	-	Line 47 x Line 48	49
50									50
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$	-	\$	-	\$		Sum Lines 45; 49	51
52			_			_			52
53	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:								53
54	Incentive Transmission Construction Work In Progress ²	\$	-	\$	-	\$	-	Page 3.1 and Page 4.1, Line 54	54
55	Cost of Capital Rate (COCR)		11.7370% √		11.7429%	_	0.0059%	Page 3.1 and Page 4.1, Line 55	55
56	Incentive CWIP Return and Associated Income Taxes	\$	-	\$	_	\$	-	Line 54 x Line 55	56
57					-				57
58	Total Incentive End of Prior Year Revenues (PYRR $_{\mbox{\scriptsize EU-IR}})$ Excluding FF&U	\$	-	\$		\$	-	Sum Lines 42; 51; 56	58
59	The state of the s								59
60	E. Total (PYRR FII) Excluding FF&U 3	\$	692,877 √	\$	664,695	\$	28,182	Sum Lines 33; 58	60

√ Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 4 months ending December 31, 2013

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Line No.		C4	A evised TO4 TU - Period Amounts	T	B Filed TO4 C4 TU - Period ER17-470 Amounts	D	C = A - B ifference icr (Decr)	Reference	Line No.
	A. Transmission Rate Base								
1	Net Transmission Plant:								1
2	Transmission Plant	\$	3,778,613	\$	3,778,613	\$	-	Page 3.2 and Page 4.2, Line 2	2
3	Transmission Related Electric Miscellaneous Intangible Plant		14,784		14,784		-	Page 3.2 and Page 4.2, Line 3	3
4	Transmission Related General Plant		32,676		32,676		-	Page 3.2 and Page 4.2, Line 4	4
5	Transmission Related Common Plant		56,020		56,020			Page 3.2 and Page 4.2, Line 5	5
6	Total Net Transmission Plant	_\$_	3,882,093	\$	3,882,093	\$		Sum Lines 2 thru 5	6
7	B . B								7
8	Rate Base Additions:		5.060	•	5.060	•		D 22 ID 42 I	8
9	Transmission Plant Held for Future Use	\$	5,860	\$	5,860	\$	-	Page 3.2 and Page 4.2, Line 9	9 10
10	Transmission Plant Abandoned Project Cost	_		_	5.050	_		Page 3.2 and Page 4.2, Line 10 Sum Lines 9 thru 10	
11 12	Total Rate Base Additions	\$	5,860	\$	5,860	\$		Sum Lines 9 thru 10	11 12
13	Rate Base Reductions:								13
13	Transmission Related Accum. Def. Inc. Taxes	s	(503,877) √	•	(745,603)	s	241,726	Page 3.2 and Page 4.2, Line 14	13 14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes		(303,077) V	Ф	(743,003)	3	241,720	Page 3.2 and Page 4.2, Line 14	15
16	Total Rate Base Reductions	-\$	(503,877) V	•	(745,603)	\$	241,726	Sum Lines 14 thru 15	16
17	Total Rate Base Reductions		(303,677) V	φ	(743,003)		241,720	Sum Lines 14 tiltu 13	17
18	Working Capital:								18
19	Transmission Related Material and Supplies	\$	35,424	\$	35,424	S	_	Page 3.2 and Page 4.2, Line 19	19
20	Transmission Related Prepayments	Ψ	13,917	Ψ	13,917	Ψ	_	Page 3.2 and Page 4.2, Line 20	20
21	Transmission Related Cash Working Capital		15,309		15,309		_	Page 3.2 and Page 4.2, Line 21	21
22	Total Working Capital	\$	64,650	\$	64,650	\$		Sum Lines 19 thru 21	22
23	Total Working Cupital	- 4	0.,050		0.,050			Sam Emes 1, and 21	23
24	Other Regulatory Assets/Liabilities	\$	-	\$	_	\$	-	Page 3.2 and Page 4.2, Line 24	24
25	ě ,							<i>3</i>	25
26	Total Transmission Rate Base	\$	3,448,726 v	\$	3,207,000	\$	241,726	Sum Lines 6; 11; 16; 22; 24	26
27									27
28	B. Incentive ROE Project Transmission Rate Base:								28
29	Net Incentive Transmission Plant ¹	\$	_	\$	_	\$	_	Page 3.2 and Page 4.2, Line 29	29
30	Incentive Transmission Plant Accum. Def. Income Taxes	Ψ.	_	Ψ	_	Ψ	_	Page 3.2 and Page 4.2, Line 30	30
31	Total Incentive ROE Project Transmission Rate Base	\$	_	\$	_	\$	_	Sum Lines 29 thru 30	31
32									32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:								33
34	Incentive Transmission Plant Abandoned Project Cost	\$	_	\$	_	\$	-	Page 3.2 and Page 4.2, Line 34	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes		_		_		-	Page 3.2 and Page 4.2, Line 35	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$	-	\$		\$	_	Sum Lines 34 thru 35	36
37	,					_			37
38	D. Incentive Transmission Construction Work In Progress ²	\$	-	\$		\$	-	Page 3.2 and Page 4.2, Line 38	38

 $[\]forall$ Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

² Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

Line		 A evised TO4 TU - Period	T	B Filed TO4 C4 TU - Period ER17-470		= A - B		Line
No.		Amounts		Amounts	Incr	(Decr)	Reference	No.
	A. Transmission Plant	 						_
1	Gross Transmission Plant:							1
2	Transmission Plant	\$ 4,574,358	\$	4,574,358	\$	-	Page 3.3 and Page 4.3, Line 2	2
3	Transmission Related Electric Miscellaneous Intangible Plant	23,257		23,257		-	Page 3.3 and Page 4.3, Line 3	3
4	Transmission Related General Plant	52,855		52,855		-	Page 3.3 and Page 4.3, Line 4	4
5	Transmission Related Common Plant	 113,784		113,784		-	Page 3.3 and Page 4.3, Line 5	5
6	Total Gross Transmission Plant	\$ 4,764,254	\$	4,764,254	\$	-	Sum Lines 2 thru 5	6
7								7
8	Accumulated Depreciation Reserve:							8
9	Transmission Plant Depreciation Reserve	\$ 795,745	\$	795,745	\$	-	Page 3.3 and Page 4.3, Line 9	9
10	Transmission Related Electric Miscellaneous Intangible Amortization Reserve	8,473		8,473		-	Page 3.3 and Page 4.3, Line 10	10
11	Transmission Related General Plant Depr Reserve	20,179		20,179		-	Page 3.3 and Page 4.3, Line 11	11
12	Transmission Related Common Plant Depr Reserve	 57,764		57,764			Page 3.3 and Page 4.3, Line 12	12
13	Total Transmission Related Accumulated Depreciation Reserve	\$ 882,161	\$	882,161	\$	-	Sum Lines 9 thru 12	13
14								14
15	Net Transmission Plant:							15
16	Transmission Plant	\$ 3,778,613	\$	3,778,613	\$	-	Page 3.3 and Page 4.3, Line 16	16
17	Transmission Related Electric Miscellaneous Intangible Plant	14,784		14,784		-	Page 3.3 and Page 4.3, Line 17	17
18	Transmission Related General Plant	32,676		32,676		-	Page 3.3 and Page 4.3, Line 18	18
19	Transmission Related Common Plant	 56,020		56,020			Page 3.3 and Page 4.3, Line 19	19
20	Total Net Transmission Plant	\$ 3,882,093	\$	3,882,093	\$		Sum Lines 16 thru 19	20
21		 						21
22	B. Incentive Project Transmission Plant:							22
23	Incentive Transmission Plant ¹	\$ -	\$	-	\$	-	Page 3.3 and Page 4.3, Line 23	23
24	Incentive Transmission Plant Depreciation Reserve ¹	-		_		-	Page 3.3 and Page 4.3, Line 24	24
25	Total Net Incentive Transmission Plant	\$ -	\$	-	\$	-	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

Line No.	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS	C4	A evised TO4 TU - Period Amounts	T	B Filed TO4 C4 U - Period ER17-470 Amounts	Di	= A - B	Reference	Line No.
1	A. Derivation of Annual Fix Charge Rate (AFCR FII) Applicable to								1
3	Weighted Forecast Plant Additions:	s	692,877 √	e	664,695	•	20 102	D 2 4 1 D 4 4 1 in- 2	2
-	PYRR _{EU} Excluding Franchise Fees and Uncollectible	3	,	3	,	3	28,182	Page 3.4 and Page 4.4, Line 3	3
4	50% of Transmission O&M Expense		(34,077)		(34,077)		-	Page 3.4 and Page 4.4, Line 4	4
5	50% of Transmission Related A&G Expense		(27,159)		(27,159)		-	Page 3.4 and Page 4.4, Line 5	5
6	CPUC Intervenor Funding Expense		-		-		-	Page 3.4 and Page 4.4, Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.4 and Page 4.4, Line 7	7
8	South Georgia Income Tax Adjustment		(2,333)		(2,333)		-	Page 3.4 and Page 4.4, Line 8	8
9	Transmission Related Amortization of Investment Tax Credit		265		265		-	Page 3.4 and Page 4.4, Line 9	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-		-		-	Page 3.4 and Page 4.4, Line 10	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		-		-		-	Page 3.4 and Page 4.4, Line 11	11
12	Total (PYRR EU) Excluding FF&U - Adjusted	\$	629,573 v	\$	601,391	\$	28,182	Sum Lines 3 thru 11	12
13									13
14	Gross Transmission Plant	\$	4,764,254	\$	4,764,254	\$	-	Page 3.4 and Page 4.4, Line 14	14
15							,		15
16	Annual Fix Charge Rate (AFCR EU)		13.2145% √		12.6230%		0.5915%	Page 3.4 and Page 4.4, Line 16	16
17									17
18	Weighted Forecast Plant Additions	\$	_	\$	_	\$	_	Page 3.4 and Page 4.4, Line 18	18
19	5			<u> </u>				<i>5</i> - <i>5</i> / -	19
20	Forecast Period Capital Addition Revenue Requirements	\$	-	\$	-	\$	-	Line 16 x Line 18	20

 $[\]forall$ Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

Line No.		C4	A evised TO4 TU - Period Amounts	T	B Filed TO4 C4 U - Period ER17-470 Amounts	Di	= A - B fference er (Decr)	Reference	Line No.
	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE		- Into diffe		- Intounto		ii (Beel)	10000000	1101
	CAPITAL PROJECTS								
1	A. Derivation of Annual Fix Charge Rate (AFCR FULIR-ROF) Applicable to								1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):								2
3	PYRR FILIR ROE Excluding Franchise Fees and Uncollectible	s	692,877 v	<i>s</i>	664,695	S	28,182	Page 3.5 and Page 4.5, Line 3	3
4	50% of Transmission O&M Expense		(34,077)		(34,077)		-	Page 3.5 and Page 4.5, Line 4	4
5	50% of Transmission Related A&G Expense		(27,159)		(27,159)		_	Page 3.5 and Page 4.5, Line 5	5
6	CPUC Intervenor Funding Expense - Transmission		-		-		-	Page 3.5 and Page 4.5, Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.5 and Page 4.5, Line 7	7
8	South Georgia Income Tax Adjustment		(2,333)		(2,333)		-	Page 3.5 and Page 4.5, Line 8	8
9	Transmission Related Amortization of Investment Tax Credit		265		265		-	Page 3.5 and Page 4.5, Line 9	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-		-		-	Page 3.5 and Page 4.5, Line 10	10
11	(Gains)/Losses from Sale of Plant Held for Future Use -							Page 3.5 and Page 4.5, Line 11	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$	629,573 v	\$	601,391	\$	28,182	Sum Lines 3 thru 11	12
13									13
14	Gross Transmission Plant & Incentive Transmission Plant	\$	4,764,254	\$	4,764,254	\$	-	Page 3.5 and Page 4.5, Line 14	14
15									15
16	Incentive Annual Fix Charge Rate (AFCR ELLIR-ROE)		13.2145% v	1	12.6230%		0.5915%	Page 3.5 and Page 4.5, Line 16	16
17									17
18	Incentive Weighted Forecast Plant Additions	\$	-		-	\$	-	Page 3.5 and Page 4.5, Line 18	18
19								2 2 ,	19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC EU-IR-ROE)	\$	-	\$	-	\$	-	Line 16 x Line 18	20
21				_		_			21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:								22
23	1. For the Period After the Base Period and Before the Rate Effective Period:								23
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$	-	\$	_	\$	-	Page 3.5 and Page 4.5, Line 24	24
25				-		-			25
26	Cost of Capital Rate (COCR)		11.7370% \	,	11.7429%	_	0.0059%	Page 3.5 and Page 4.5, Line 26	26
27	1 (COCK)							g	27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	_	\$	_	\$	-	Line 24 x Line 26	28
29									29
30	2. For the Period During the Rate Effective Period:								30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	\$	-	\$	-	\$	-	Page 3.5 and Page 4.5, Line 31	31
32									32
33	Cost of Capital Rate (COCR)		11.7370% 1	1	11.7429%	-	0.0059%	Page 3.5 and Page 4.5, Line 33	33
34	. ()	_							34
35	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	\$	-	\$	-	Line 31 x Line 33	35
36	, ,								36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	\$	-	\$	-	Sum Lines 28; 35	37

V Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

Line No.		C4 7	A vised TO4 ΓU - Period Amounts	7	B Filed TO4 C4 FU - Period ER17-470 Amounts	Di	= A - B	Reference	Line No.
1 2	A. End Use Customer Base Transmission Revenue Requirement (BTRR FII):								1 2
3	End of Prior Year Revenues (PYRR FU) Excluding FF&U	s	692,877 v	/ S	664,695	s	28,182	Page 3.6 and Page 4.6, Line 3	3
4	(10)		/-		,,,,,,	-	-, -		4
5	Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U		-		-		-	Page 3.6 and Page 4.6, Line 5	5
6									6
7	Sub-Total Base Period Revenues	\$	692,877 v	\$	664,695	\$	28,182	Sum Lines 3 thru 5	7
8	D. H.D. II. D. L. L. L.	•						D 26 ID 46 I	8
9 10	Retail True-Up Period Adjustment	\$	-		-	\$	-	Page 3.6 and Page 4.6, Line 9	9 10
11	Retail Interest True-Up Adjustment		_		_		_	Page 3.6 and Page 4.6, Line 11	11
12	Town interest True op Taljustinent					_		ruge 5.0 und ruge 1.0, 2.me 11	12
13	Sub-Total True-Up Adjustments	\$	-	\$	-	\$	-	Sum Lines 9 thru 11	13
14									14
15	B. Annual Fixed Charges Applicable to Capital Projects:								15
16	P (D'16) STATIS D D'1	•		e		•		D 26 ID 46 II 17	16
17 18	Forecast Period Capital Addition Revenue Requirements			\$		<u>\$</u>		Page 3.6 and Page 4.6, Line 17	17 18
19	C. Annual Fixed Charges Applicable to Incentive Capital Projects:								19
20									20
21	Forecast Period Incentive Capital Additions Revenue Requirements (FC EU-IR-ROE)	\$	-	\$	-	\$	-	Page 3.6 and Page 4.6, Line 21	21
22									22
23	D. Incentive Forecast Transmission CWIP Revenues:								23
24								n ac in ice.	24
25	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$		\$		\$		Page 3.6 and Page 4.6, Line 25	25 26
26 27	E. Subtotal BTRR FU Excluding FF&U:	s	692,877 v	, ¢	664,695	•	28,182	Sum Lines 7; 13; 17; 21; 25	26
28	D. Subtotal DTRR MI Excluding 11 CC.	9	0,2,077	Ψ	001,055	Ψ	20,102	Sum Emes 7, 13, 17, 21, 23	28
29	Transmission Related Municipal Franchise Fees Expenses		7,121	,	6,831		290	Line 27 x 1.0277%	29
30	Transmission Related Uncollectible Expense		1,206 \		1,157		49	Line 27 x 0.174%	30
31									31
32	F. Total Retail BTRR FU With FF&U	\$	701,204	\$	672,683	\$	28,521	Sum Lines 27 thru 30	32

 $[\]mbox{\em 1}\mbox{\em 1}$ Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

Line No.		C4 7	A vised TO4 ΓU - Period Amounts	T	B Filed TO4 C4 TU - Period ER17-470 Amounts	Di	= A - B	Reference	Line No.
1	A. Total TO4 Cycle 4 Retail BTRR FU With FF&U:								1
2									2
3	TO4 Cycle 4 End of Prior Year Revenues (PYRR $_{\rm EU}$) With FF&U	\$	701,204	/ \$	672,683	\$	28,521	Page 3.7 and Page 4.7, Line 3	3
4									4
5	B. Other Retail BTRR Adjustments:								5
6									6
7	Error Correction Adj. on TO4 Cycle 3 A&G Exp With FF&U		(419)		(419)			Page 3.7 and Page 4.7, Line 7	7
8									8
9	C. Total Retail BTRR FU With FF&U 1	\$	700,785	/ \$	672,264	\$	28,521	Sum Lines 3 + Line 7	9

This sheet is not part of the TO4 Formula Excel Spreadsheet Model and was created solely to provide a summary of all the TO4 Retail Base Transmission Revenue Requirement components including items that were not contemplated by the TO4 Formula Excel Spreadsheet Model, namely an Error Correction adjustment on the TO4 Cycle 3 applicable to A&G expense.

$\begin{array}{c} \textbf{Derivation of End Use Prior Year Revenue Requirements (PYRR}_{EU}) \\ \textbf{For the Base Period \& True-Up Period Ending December 31, 2015} \end{array}$ (\$1,000)

Line				Line
No.		Amounts 5	Reference	No.
1	A. Revenues:			1
2	Transmission Operation & Maintenance Expense	\$ 68,154	Statement AH; Page 5, Line 9	2
3 4	Transmission Related A&G Expense	54,318	Statement AH; Page 5, Line 56	3 4
5 6	CPUC Intervenor Funding Expense - Transmission	-	Statement AH; Page 5, Line 17	5 6
7 8	Total O&M Expenses	\$ 122,472	Sum Lines 2 thru 6	7 8
9 10	Transmission, General, Common Plant Depn. Exp., and Electric Misc. Intangible Plant Amort. Exp.	131,586	Statement AJ; Page 7, Line 17	9 10
11 12	Valley Rainbow Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 19	11 12 13
13 14 15	Transmission Plant Abandoned Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 23	14 15
16 17	Transmission Related Property Taxes Expense	36,525	Statement AK; Page 8, Line 27	16 17
18 19	Transmission Related Payroll Taxes Expense	2,574	Statement AK; Page 8, Line 33	18 19
20 21	Sub-Total Expense	\$ 293,157	Sum Lines 8 thru 18	20 21
22	Cost of Capital Rate (COCR)	11.7370% √	Statement AV; Page 15, Line 31	22
23	Transmission Rate Base	3,448,726 √	Statement BK-1; Page 2, Line 26	23
24 25	Return and Associated Income Taxes	\$ 404,778 V	Line 22 x Line 23	24 25
26	South Georgia Income Tax Adjustment	\$ 2,333	Statement AQ; Page 11, Line 1	26
27	Transmission Related Amortization of Investment Tax Credits	(265)	Statement AR; Page 12, Line 1	27
28	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement AR; Page 12, Line 3	28
29	Transmission Related Revenue Credits	(7,126)	Statement AU; Page 13, Line 11	29
30	Transmission Related Regulatory Debits	-	Misc. Statement; Page 17, Line 1	30
31 32	(Gains)/Losses from Sale of Plant Held for Future Use	-	Statement AU; Page 13, Line 13	31 32
33	End of Prior Year Revenues (PYRR EU) Excluding FF&U	\$ 692,877 √	Line 20 + Sum Lines (24 thru 31)	33
34	·		,	34
35	B. Incentive ROE Project Transmission Revenue:			35
36	Incentive Transmission Plant Depreciation Expense	\$ -	Statement AJ; Page 7; Line 21	36
37				37
38	Incentive Cost of Capital Rate (ICOCR)	0.0000% 4	Statement AV; Page 16, Line 31	38
39	Total Incentive ROE Project Transmission Rate Base	<u>\$</u> -	Statement BK-1; Page 2; Line 31	39
40	Incentive ROE Project Return and Associated Income Taxes	\$ -	Line 38 x Line 39	40
41 42	Total Incentive ROE Project Transmission Revenue	\$ -	Sum Lines 36; 40	41 42
43	Total meetitive ROE Floject Halishnission Revenue	<u> </u>	Sum Lines 30, 40	43
44	C. Incentive Transmission Plant Abandoned Project Revenue:			44
45	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$ -	Statement AJ; Page 7; Line 25	45
46				46
47	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Statement BK-1; Page 2; Line 36	47
48	Cost of Capital Rate (COCR)	11.7369% √	Statement AV; Page 15, Line 31	48
49	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	\$ -	Line 47 x Line 48	49
50	·			50
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$ -	Sum Lines 45; 49	51
52				52
53	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:			53
54	Incentive Transmission Construction Work In Progress ²	\$ -	Statement BK-1; Page 2; Line 38	54
55	Cost of Capital Rate (COCR)	11.7369% √	Statement AV; Page 15, Line 31	55
56	Incentive CWIP Return and Associated Income Taxes	\$ -	Line 54 x Line 55	56
57				57
58 59	Total Incentive End of Prior Year Revenues (PYRR $_{\mbox{\scriptsize EU-IR}})$ Excluding FF&U	\$ -	Sum Lines 42; 51; 56	58 59
60	$\underline{\text{E. Total (PYRR}_{\text{EU}})}$ Excluding FF&U 3	\$ 692,877 V	Sum Lines 33; 58	60

√ Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

- ¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.
- ² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.
- ³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period.
- ⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no
- ⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2015 (\$1,000)

Line No.		Amounts	Reference	Line No.
110.	A. Transmission Rate Base:	Amounts	Reference	110.
1	Net Transmission Plant:			1
2	Transmission Plant	\$ 3,778,613	Statement BK-1; Page 3; Line 16	2
3	Transmission Related Electric Miscellaneous Intangible Plant	14,784	Statement BK-1; Page 3; Line 17	3
4	Transmission Related General Plant	32,676	Statement BK-1; Page 3; Line 18	4
5	Transmission Related Common Plant	56,020	Statement BK-1; Page 3; Line 19	5
6	Total Net Transmission Plant	\$ 3,882,093	Sum Lines 2 thru 5	6
7	Town Nov Transmission Trans	\$ 3,002,000	Sum Emes 2 time 5	7
8	Rate Base Additions:			8
9	Transmission Plant Held for Future Use	\$ 5,860	Statement AG; Page 4; Line 1	9
10	Transmission Plant Abandoned Project Cost		Misc. Statement; Page 17, Line 4	10
11	Total Rate Base Additions	\$ 5,860	Sum Lines 9 thru 10	11
12				12
13	Rate Base Reductions:			13
14	Transmission Related Accum. Def. Inc. Taxes	\$ (503,877) √	Statement AF; Page 3; Line 5	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes		Statement AF; Page 3; Line 9	15
16	Total Rate Base Reductions	\$ (503,877) √	Sum Lines 14 thru 15	16
17				17
18	Working Capital:			18
19	Transmission Related Materials and Supplies	\$ 35,424	Statement AL; Page 9; Line 5	19
20	Transmission Related Prepayments	13,917	Statement AL; Page 9; Line 9	20
21	Transmission Related Cash Working Capital	15,309	Statement AL; Page 9; Line 19	21
22	Total Working Capital	\$ 64,650	Sum Lines 19 thru 21	22
23	• .			23
24	Other Regulatory Assets/Liabilities	-	Misc. Statement; Page 17, Line 7	24
25				25
26	Total Transmission Rate Base	\$ 3,448,726 √	Sum Lines 6; 11; 16; 22; 24	26
27				27
28	B. Incentive ROE Project Transmission Rate Base:			28
29	Net Incentive Transmission Plant 1	S -	Statement BK-1; Page 3; Line 25	29
30	Incentive Transmission Plant Accum. Def. Income Taxes	_	Statement AF; Page 3; Line 7	30
31	Total Incentive ROE Project Transmission Rate Base	s -	Sum Lines 29 thru 30	31
32	Total intention (182 118) est Transmission rate Base		bain Elifes 2) tilla 30	32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:			33
34	Incentive Transmission Plant Abandoned Project Cost	S -	Misc. Statement; Page 17, Line 10	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes	_	Statement AF; Page 3; Line 11	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	s -	Sum Lines 34 thru 35	36
37				37
38	D. Incentive Transmission Construction Work In Progress ²	<u> </u>	Statement AM; Page 10; Line 1	38

$\mbox{\em 1}\mbox{\em 1}$ Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

 $^{^{\}rm 2}$ Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2015 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Plant:			
1	Gross Transmission Plant:			1
2	Transmission Plant	\$ 4,574,358	Statement AD; Page 1, Line 15	2
3	Transmission Related Electric Misc. Intangible Plant	23,257	Statement AD; Page 1, Line 31	3
4	Transmission Related General Plant	52,855	Statement AD; Page 1, Line 33	4
5	Transmission Related Common Plant	113,784	Statement AD; Page 1, Line 35	5
6	Total Gross Transmission Plant	\$ 4,764,254	Sum Lines 2 thru 5	6
7		·		7
8	Transmission Related Depreciation Reserve:			8
9	Transmission Plant Depreciation Reserve	\$ 795,745	Statement AE; Page 2, Line 1	9
10	Transmission Related Electric Misc. Intangible Plant Amortization Reserve	8,473	Statement AE; Page 2, Line 11	10
11	Transmission Related General Plant Depr Reserve	20,179	Statement AE; Page 2, Line 13	11
12	Transmission Related Common Plant Depr Reserve	57,764	Statement AE; Page 2, Line 15	12
13	Total Transmission Related Depreciation Reserve	\$ 882,161	Sum Lines 9 thru 12	13
14				14
15	Net Transmission Plant:			15
16	Transmission Plant	\$ 3,778,613	Line 2 Minus Line 9	16
17	Transmission Related Electric Miscellaneous Intangible Plant	14,784	Line 3 Minus Line 10	17
18	Transmission Related General Plant	32,676	Line 4 Minus Line 11	18
19	Transmission Related Common Plant	56,020	Line 5 Minus Line 12	19
20	Total Net Transmission Plant	\$ 3,882,093	Sum Lines 16 thru 19	20
21				21
22	B. Incentive Project Transmission Plant:			22
23	Incentive Transmission Plant ¹	\$ -	Statement AD; Page 1, Line 17	23
24	Incentive Transmission Plant Depreciation Reserve 1	-	Statement AE; Page 2, Line 19	24
25	Total Net Incentive Transmission Plant	\$ -	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2016 - December 31, 2017 (\$1,000)

Line					Line
No.			Amounts	Reference	No.
	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS				
1	A. Derivation of Annual Fix Charge Rate (AFCR FU) Applicable to				1
2	Weighted Forecast Plant Additions:				2
3	PYRR _{EU} Excluding Franchise Fees and Uncollectible	\$	692,877 √	Statement BK-1; Page 1; Line 33	3
4	50% of Transmission O&M Expense		(34,077)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense		(27,159)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission		-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment		(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit		265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		-	Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU) Excluding FF&U	\$	629,573 V	Sum Lines 3 thru 11	12
13					13
14	Gross Transmission Plant	\$	4,764,254	Statement BK-1; Page 3, Line 6	14
15					15
16	Annual Fix Charge Rate (AFCR _{EU})		13.2145% √	Line 12 / Line 14	16
17					17
18	Weighted Forecast Plant Additions	\$	-	Summary of HV-LV Plant Additions; Pg 1; Ln 5, Col. (f)	18
19		-			19
20	Forecast Period Capital Addition Revenue Requirements	\$	-	Line 16 x Line 18	20

 $[\]mbox{\ensuremath{\checkmark}}$ Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2016 - December 31, 2017 (\$1,000)

Line			D.C	Line
No.	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE	Amounts	Reference	No.
	CAPITAL PROJECTS			
1	A. Derivation of Annual Fix Charge Rate (AFCR FULIR ROF) Applicable to			1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):			2
3	PYRR FILLER-ROE Excluding Franchise Fees and Uncollectible	\$ 692,877 √	Statement BK-1; Page 1; Line 33 + Line 42	3
4	50% of Transmission O&M Expense	(34,077)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(27,159)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	(27,155)	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	_	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use	-	Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$ 629,573 √	Sum Lines 3 thru 11	12
13				13
14	Gross Transmission Plant & Incentive Transmission Plant	\$ 4,764,254	Statement BK-1; Page 3, Line 6 + Line 23	14
15				15
16	Incentive Annual Fix Charge Rate (AFCR FILIR-ROE)	13.2145% √	Line 12 / Line 14	16
17	<u> </u>			17
18	Incentive Weighted Forecast Plant Additions	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 8; Col. (f)	18
19			0, 2011 (1)	19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC EU-IR-ROE)	s -	Line 16 x Line 18	20
21	1 1 CE-HEROE/		Zine 10 il Zine 10	21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:			22
23	1. For the Period After the Base Period and Before the Rate Effective Period:			23
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln	24
25			10; Col. (f)	25
26	Cost of Capital Rate (COCR)	11.7370% V	Statement AV; Page 15, Line 31	26
27	Cost of Capital Rate (COCR)	11./3/076 V	Statement AV, Fage 13, Line 31	27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 24 x Line 26	28
29	meentive Transmission Potecast Cwit Trojects Revenue Requirements	3 -	Line 24 x Line 20	29
30	2. For the Period During the Rate Effective Period:			30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln	31
32			12; Col. (f)	32
33	Cost of Capital Rate (COCR)	11.72700/ ./	Statement AV, Dage 15 Lin- 21	33
	Cost of Capital Rate (COCR)	11.7370% V	Statement AV; Page 15, Line 31	
34	In antico Transport of CWID Project December 1	c	Lina 21 - Lina 22	34
35 36	Incentive Transmission Forecast CWIP Projects Revenue Requirements	3 -	Line 31 x Line 33	35 36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Sum Lines 28; 35	37

\checkmark Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

Derivation of End Use Base Transmission Revenue Requirements (BTRR _{EU}) For the Rate Effective Period January 1, 2017 - December 31, 2017 (\$1,000)

Line No.		Amounts	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR FU):			1
2				2
3	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$ 692,877 √	Statement BK-1; Page 1; Line 33	3
4				4
5	Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U	-	Statement BK-1; Page 1; Line 58	5
6				6
7	Sub-Total Base Period Revenues	\$ 692,877 √	Sum Lines 3 thru 5	7
8				8
9	Retail True-Up Period Adjustment	\$ -	(Retail TU Adj; Total Col; Line 29) / 1,000	9
10			O - TI - TII - D - TI - TII 2 TI C I I	10
11	Retail Interest True-Up Adjustment ¹	-	(Retail Int TU-1 + Retail Int TU-2; Ttl Col; Ln 18)/1,000	11
12			18)/1,000	12
13	Sub-Total True-Up Adjustments	\$ -	Sum Lines 9 thru 11	13
14	Suo Tour True of Trajustinonio	Ψ	Sam Emes y and 11	14
15	B. Annual Fixed Charges Applicable to Capital Projects:			15
16				16
17	Forecast Period Capital Addition Revenue Requirements	\$ -	Statement BK-1; Page 4, Line 20	17
18				18
19	C. Annual Fixed Charges Applicable to Incentive Capital Projects:			19
20				20
21	Forecast Period Incentive Capital Additions Revenue Requirements (FC EU-IR-ROE)	\$ -	Statement BK-1; Page 5, Line 20	21
22				22
23	D. Incentive Forecast Transmission CWIP Revenues:			23
24 25	La continua Torra de la Carretta Carretta De la constanta de la carretta de la ca	s -	Statement DV 1, Dans 5, Line 27	24 25
26	Incentive Transmission Forecast CWIP Projects Revenue Requirements	<u> </u>	Statement BK-1; Page 5, Line 37	26
27	E. Subtotal BTRR FIL Excluding FF&U:	\$ 692,877 √	Sum Lines 7; 13; 17; 21; 25	27
28	E. Subtotal BTRR [[] Excluding FF&C.	3 072,077 V	Sum Lines 7, 13, 17, 21, 23	28
29	Transmission Related Municipal Franchise Fees Expenses	7.121 V	Line 27 x 1.0277%	29
30	Transmission Related Uncollectible Expense	1,206 √	Line 27 x 0.174%	30
31				31
32	F. Total Retail BTRR FIL With FF&U	\$ 701,204 V	Sum Lines 27 thru 30	32

[√] Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

¹ This amount represents the Interest True-Up Adjustment on the previous cycle True-Up Adjustment under-collection/(over-collection) balance.

San Diego Gas & Electric Company Statement BK-1 Total Annual BTRR Including Other Adjustments

For the Rate Effective Period January 1, 2017 - December 31, 2017

(\$1,000)

Line No.		Amounts	Reference	Line No.
1	A. Total TO4 Cycle 4 Retail BTRR FU With FF&U:			1
2				2
3	TO4 Cycle 4 End of Prior Year Revenues (PYRR $_{\rm EU}$) With FF&U	\$ 701,204 V	Statement BK-1; Page 6 of 6; Line 32	3
4				4
5	B. Other Retail BTRR Adjustments:			5
6				6
7	Error Correction Adj. on TO4 Cycle 3 A&G Exp With FF&U	(419)	Vol. 2; TO4 Cycle 3 A&G Exp. Correction WPs; Part I; Page 1; Line 24	7
8				8
9	C. Total Retail BTRR FU With FF&U 1	\$ 700,785 √	Sum Lines 3 + Line 7	9

√ Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

¹ This sheet is not part of the TO4 Formula Excel Spreadsheet Model and was created solely to provide a summary of all the TO4 Retail Base Transmission Revenue Requirement components including items that were not contemplated by the TO4 Formula Excel Spreadsheet Model, namely an Error Correction adjustment on the TO4 Cycle 3 applicable to A&G expense.

Derivation of End Use Prior Year Revenue Requirements (PYRR $_{\rm EU}$)

For the Base Period & True-Up Period Ending December 31, 2015 (\$1,000)

Line				Line
No.		Amounts 5	Reference	No.
1	A. Revenues:			1
2	Transmission Operation & Maintenance Expense	\$ 68,154	Statement AH; Page 5, Line 9	2
3				3
4 5	Transmission Related A&G Expense	54,318	Statement AH; Page 5, Line 56	4 5
6	CPUC Intervenor Funding Expense - Transmission	_	Statement AH; Page 5, Line 17	6
7	6 1		, 5 - ,	7
8	Total O&M Expenses	\$ 122,472	Sum Lines 2 thru 6	8
9 10	Transmission, General, Common Plant Depn. Exp., and Electric Misc. Intangible Plant Amort. Exp.	131,586	Statement AJ; Page 7, Line 17	9 10
11	Transmission, General, Common Frant Depn. Exp., and Electric Misc. Intangole Frant Amort. Exp.	131,300	Statement AJ, Fage /, Line 1/	11
12	Valley Rainbow Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 19	12
13				13
14	Transmission Plant Abandoned Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 23	14 15
15 16	Transmission Related Property Taxes Expense	36,525	Statement AK; Page 8, Line 27	16
17				17
18	Transmission Related Payroll Taxes Expense	2,574	Statement AK; Page 8, Line 33	18
19		e 202.157	C 1. 04 10	19
20 21	Sub-Total Expense	\$ 293,157	Sum Lines 8 thru 18	20 21
22	Cost of Capital Rate (COCR)	11.7429%	Statement AV; Page 15, Line 31	22
23	Transmission Rate Base	3,207,000	Statement BK-1; Page 2, Line 26	23
24	Return and Associated Income Taxes	\$ 376,596	Line 22 x Line 23	24
25				25
26 27	South Georgia Income Tax Adjustment Transmission Related Amortization of Investment Tax Credits	\$ 2,333	Statement AQ; Page 11, Line 1	26 27
28	Transmission Related Amortization of Excess Deferred Tax Liabilities	(265)	Statement AR; Page 12, Line 1 Statement AR; Page 12, Line 3	28
29	Transmission Related Revenue Credits	(7,126)	Statement AU; Page 13, Line 11	29
30	Transmission Related Regulatory Debits	-	Misc. Statement; Page 17, Line 1	30
31	(Gains)/Losses from Sale of Plant Held for Future Use	-	Statement AU; Page 13, Line 13	31
32 33	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$ 664.605	Line 20 + Sum Lines (24 thru 31)	32 33
33 34	End of Thor Tear Revenues (LTRR EU) Excluding PT&C	\$ 664,695	Line 20 + Sum Lines (24 thru 31)	33 34
35	B. Incentive ROE Project Transmission Revenue:			35
36	Incentive Transmission Plant Depreciation Expense	\$ -	Statement AJ; Page 7; Line 21	36
37				37
38	Incentive Cost of Capital Rate (ICOCR)	0.0000% 4	Statement AV; Page 16, Line 31	38
39	Total Incentive ROE Project Transmission Rate Base	<u>\$</u> -	Statement BK-1; Page 2; Line 31	39
40 41	Incentive ROE Project Return and Associated Income Taxes	3 -	Line 38 x Line 39	40 41
42	Total Incentive ROE Project Transmission Revenue	\$ -	Sum Lines 36; 40	42
43	•			43
44	C. Incentive Transmission Plant Abandoned Project Revenue:	_		44
45 46	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$ -	Statement AJ; Page 7; Line 25	45 46
47	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	S -	Statement BK-1; Page 2; Line 36	47
48	Cost of Capital Rate (COCR)	11.7429%	Statement AV; Page 15, Line 31	48
49	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	\$ -	Line 47 x Line 48	49
50				50
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$ -	Sum Lines 45; 49	51
52 53	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:			52 53
54	Incentive Transmission Construction Work In Progress ²	S -	Statement BK-1; Page 2; Line 38	54
55	Cost of Capital Rate (COCR)	11.7429%	Statement AV; Page 15, Line 31	55
56	Incentive CWIP Return and Associated Income Taxes	\$ -	Line 54 x Line 55	56
57				57
58	Total Incentive End of Prior Year Revenues (PYRR _{EU-IR}) Excluding FF&U	\$ -	Sum Lines 42; 51; 56	58
59				59
60	E. Total (PYRR _{FU}) Excluding FF&U ³	\$ 664,695	Sum Lines 33; 58	60

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period.

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2015 (\$1,000)

Line			D. 0	Line
No.	A. Thurs a state of December 1	Amounts	Reference	No.
1	A. Transmission Rate Base: Net Transmission Plant:			1
1	Net Transmission Plant: Transmission Plant	\$ 3.778.613	C() (DV 1 D 2 L 10	-
2	Transmission Plant Transmission Related Electric Miscellaneous Intangible Plant	\$ 3,7/8,613 14,784	Statement BK-1; Page 3; Line 16 Statement BK-1; Page 3; Line 17	2 3
4	Transmission Related General Plant			4
	Transmission Related Common Plant	32,676	Statement BK-1; Page 3; Line 18	5
5	Total Net Transmission Plant	56,020 \$ 3,882,093	Statement BK-1; Page 3; Line 19 Sum Lines 2 thru 5	
6 7	Total Net Transmission Plant	\$ 3,882,093	Sum Lines 2 thru 5	6
8	D-4- D A 11/4'			8
9	Rate Base Additions: Transmission Plant Held for Future Use	¢ 5,000	Control of the contro	9
10	Transmission Plant Abandoned Project Cost	\$ 5,860	Statement AG; Page 4; Line 1 Misc. Statement; Page 17, Line 4	9 10
11	Total Rate Base Additions	\$ 5,860	Sum Lines 9 thru 10	11
12	Total Rate Base Additions	\$ 3,860	Sum Lines 9 thru 10	12
13	Rate Base Reductions:			13
14	Transmission Related Accum. Def. Inc. Taxes	\$ (745,603)	Statement AF; Page 3; Line 5	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes	\$ (743,003)	Statement AF; Page 3; Line 9	15
16	Total Rate Base Reductions	\$ (745,603)	Sum Lines 14 thru 15	16
17	Total Rate Dase Reductions	\$ (743,003)	Sum Lines 14 unu 13	17
18	Working Capital:			18
19	Transmission Related Materials and Supplies	\$ 35,424	Statement AL; Page 9; Line 5	19
20	Transmission Related Prepayments	13,917	Statement AL; Page 9; Line 9	20
21	Transmission Related Cash Working Capital	15,309	Statement AL; Page 9; Line 19	21
22	Total Working Capital	\$ 64,650	Sum Lines 19 thru 21	22
23	roun working cupium		Sam Emes 17 and 21	23
24	Other Regulatory Assets/Liabilities		Misc. Statement; Page 17, Line 7	24
25	one regulatory resource and made		miser statement, rage 17, zine 7	25
26	Total Transmission Rate Base	\$ 3,207,000	Sum Lines 6; 11; 16; 22; 24	26
27			-, , , ,	27
28	B. Incentive ROE Project Transmission Rate Base:			28
29	Net Incentive Transmission Plant ¹	s -	Statement BK-1; Page 3; Line 25	29
30	Incentive Transmission Plant Accum, Def. Income Taxes	3 -	Statement AF; Page 3; Line 7	30
31	Total Incentive ROE Project Transmission Rate Base	\$ -	Sum Lines 29 thru 30	31
32	Total meentive ROL Project Transmission Rate Base	3 -	Sum Lines 29 thru 30	32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:			33
34	Incentive Transmission Plant Abandoned Project Cost	s -	Misc. Statement; Page 17, Line 10	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes	_	Statement AF; Page 3; Line 11	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Sum Lines 34 thru 35	36
37	Dust		Sam Emes 5 . and 55	37
38	D. Incentive Transmission Construction Work In Progress ²	\$ -	Statement AM; Page 10; Line 1	38

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

² Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2015 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Plant:			
1	Gross Transmission Plant:			1
2	Transmission Plant	\$ 4,574,358	Statement AD; Page 1, Line 15	2
3	Transmission Related Electric Misc. Intangible Plant	23,257	Statement AD; Page 1, Line 31	3
4	Transmission Related General Plant	52,855	Statement AD; Page 1, Line 33	4
5	Transmission Related Common Plant	113,784	Statement AD; Page 1, Line 35	5
6	Total Gross Transmission Plant	\$ 4,764,254	Sum Lines 2 thru 5	6
7				7
8	Transmission Related Depreciation Reserve:			8
9	Transmission Plant Depreciation Reserve	\$ 795,745	Statement AE; Page 2, Line 1	9
10	Transmission Related Electric Misc. Intangible Plant Amortization Reserve	8,473	Statement AE; Page 2, Line 11	10
11	Transmission Related General Plant Depr Reserve	20,179	Statement AE; Page 2, Line 13	11
12	Transmission Related Common Plant Depr Reserve	57,764	Statement AE; Page 2, Line 15	12
13	Total Transmission Related Depreciation Reserve	\$ 882,161	Sum Lines 9 thru 12	13
14				14
15	Net Transmission Plant:			15
16	Transmission Plant	\$ 3,778,613	Line 2 Minus Line 9	16
17	Transmission Related Electric Miscellaneous Intangible Plant	14,784	Line 3 Minus Line 10	17
18	Transmission Related General Plant	32,676	Line 4 Minus Line 11	18
19	Transmission Related Common Plant	56,020	Line 5 Minus Line 12	19
20	Total Net Transmission Plant	\$ 3,882,093	Sum Lines 16 thru 19	20
21				21
22	B. Incentive Project Transmission Plant:			22
23	Incentive Transmission Plant ¹	\$ -	Statement AD; Page 1, Line 17	23
24	Incentive Transmission Plant Depreciation Reserve ¹	_	Statement AE; Page 2, Line 19	24
25	Total Net Incentive Transmission Plant	\$ -	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2016 - December 31, 2017 (\$1,000)

Line					Line
No.		A	Amounts	Reference	No.
	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS				
1	A. Derivation of Annual Fix Charge Rate (AFCR EU) Applicable to				1
2	Weighted Forecast Plant Additions:				2
3	PYRR _{EU} Excluding Franchise Fees and Uncollectible	\$	664,695	Statement BK-1; Page 1; Line 33	3
4	50% of Transmission O&M Expense		(34,077)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense		(27,159)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission		-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment		(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit		265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		-	Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU) Excluding FF&U	\$	601,391	Sum Lines 3 thru 11	12
13					13
14	Gross Transmission Plant	\$	4,764,254	Statement BK-1; Page 3, Line 6	14
15					15
16	Annual Fix Charge Rate (AFCR _{EU})		12.6230%	Line 12 / Line 14	16
17					17
18	Weighted Forecast Plant Additions	\$	-	Summary of HV-LV Plant Additions; Pg 1; Ln 5, Col. (f)	18
19					19
20	Forecast Period Capital Addition Revenue Requirements	\$	-	Line 16 x Line 18	20

Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2016 - December 31, 2017 (\$1,000)

Line No.		Amounts	Reference	Line No.
NO.	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE	Amounts	Reference	INO.
	CAPITAL PROJECTS			
1	A. Derivation of Annual Fix Charge Rate (AFCR ELLIR, ROE) Applicable to			1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):			2
3	PYRR FULIR-ROE Excluding Franchise Fees and Uncollectible	\$ 664,695	Statement BK-1; Page 1; Line 33 + Line 42	3
4	50% of Transmission O&M Expense	(34,077)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(27,159)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	_	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use	-	Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$ 601,391	Sum Lines 3 thru 11	12
13		001,371	Sam Emes 5 tha 11	13
14	Gross Transmission Plant & Incentive Transmission Plant	\$ 4,764,254	Statement BK-1; Page 3, Line 6 + Line 23	14
15	Transmission Trans & Inventory Transmission Trans	\$ 1,701,231	Statement Bit 1, 1 age 3, 2 me 0 × 2 me 25	15
16	Incentive Annual Fix Charge Rate (AFCR _{EU-IR-ROE}) ¹	12.6230%	Line 12 / Line 14	16
17	meentive Annual FIX Charge Rate (AT CR EU-IR-ROE)	12.023070	Eine 12 / Eine 14	17
18	Incentive Weighted Forecast Plant Additions	\$ -	C CHALADI (ALIV D. 1.1.0	
10	incentive weighted Polecast Flant Additions	5 -	Summary of HV-LV Plant Additions; Pg 1; Ln 8;	10
19			Col. (f)	19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC FULIR-ROE)	¢	Line 16 x Line 18	
	rorecast Period Incentive Capital Addition Revenue Requirements (FC _{EU-IR-ROE})	3 -	Line 16 x Line 18	20
21				21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:			22
23	1. For the Period After the Base Period and Before the Rate Effective Period:			23
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln	24
2.5			10; Col. (f)	2.5
25	G + CG '	44.742007		25
26	Cost of Capital Rate (COCR)	11.7429%	Statement AV; Page 15, Line 31	26
27		_		27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 24 x Line 26	28
29	A.D. J. D. J. D. D. D. D. J. D			29
30	2. For the Period During the Rate Effective Period:		0.000	30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln	31
22			12; Col. (f)	22
32	C + CC 11P ·	11 51200	C	32
33	Cost of Capital Rate (COCR)	11.7429%	Statement AV; Page 15, Line 31	33
34				34
35	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 31 x Line 33	35
36	TALL ST. T. CHURD ST. D. D. S.		G I: 20.25	36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Sum Lines 28; 35	37

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

Derivation of End Use Base Transmission Revenue Requirements (BTRR _{EU}) For the Rate Effective Period January 1, 2017 - December 31, 2017 (\$1,000)

Line No.		A	Amounts	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR FU):				1
2					2
3	End of Prior Year Revenues (PYRR EU) Excluding FF&U	\$	664,695	Statement BK-1; Page 1; Line 33	3
4					4
5	Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U		-	Statement BK-1; Page 1; Line 58	5
6					6
7	Sub-Total Base Period Revenues	\$	664,695	Sum Lines 3 thru 5	7
8					8
9	Retail True-Up Period Adjustment	\$	-	(Retail TU Adj; Total Col; Line 29) / 1,000	9
10				D. H. Maria D. H. Maria Maria I.	10
11	Retail Interest True-Up Adjustment ¹			(Retail Int TU-1 + Retail Int TU-2; Ttl Col; Ln 18)/1,000	11
12				18)/1,000	12
13	Sub-Total True-Up Adjustments	s	_	Sum Lines 9 thru 11	13
14	Suo Tour True Op Augustinents			Suit Ellies y that I I	14
15	B. Annual Fixed Charges Applicable to Capital Projects:				15
16					16
17	Forecast Period Capital Addition Revenue Requirements	\$	-	Statement BK-1; Page 4, Line 20	17
18					18
19	C. Annual Fixed Charges Applicable to Incentive Capital Projects:				19
20					20
21	Forecast Period Incentive Capital Additions Revenue Requirements (FC EU-IR-ROE)	\$	-	Statement BK-1; Page 5, Line 20	21
22					22
23	D. Incentive Forecast Transmission CWIP Revenues:				23
24 25	Landin Tananinia Emand CWID David to David David	\$		C4-4	24 25
26	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	Statement BK-1; Page 5, Line 37	26
27	E. Subtotal BTRR FILE Excluding FF&U:	s	664,695	Sum Lines 7; 13; 17; 21; 25	27
28	E. Subtotal DTRR FIT Excluding TTCO.	Ψ	004,073	Sum Emes 7, 13, 17, 21, 23	28
29	Transmission Related Municipal Franchise Fees Expenses		6,831	Line 27 x 1.0277%	29
30	Transmission Related Uncollectible Expense		1,157	Line 27 x 0.174%	30
31	1		,		31
32	F. Total Retail BTRR FIL With FF&U	\$	672,683	Sum Lines 27 thru 30	32

¹ This amount represents the Interest True-Up Adjustment on the previous cycle True-Up Adjustment under-collection/(over-collection) balance.

San Diego Gas & Electric Company Statement BK-1 Total Annual BTRR Including Other Adjustments For the Rate Effective Period January 1, 2017 - December 31, 2017 (\$1,000)

Line No.		A	mounts	Reference	Line No.
1	A. Total TO4 Cycle 4 Retail BTRR FII With FF&U:				1
2					2
3	TO4 Cycle 4 End of Prior Year Revenues (PYRR EU) With FF&U	\$	672,683	Statement BK-1; Page 6 of 6; Line 32	3
4				, ,	4
5	B. Other Retail BTRR Adjustments:				5
6	•				6
7	Error Correction Adj. on TO4 Cycle 3 A&G Exp With FF&U		(419)	Vol. 2; TO4 Cycle 3 A&G Exp. Correction WPs; Part I;	7
				Page 1; Line 24	
8					8
9	C. Total Retail BTRR FU With FF&U 1	\$	672,264	Sum Lines 3 + Line 7	9

¹ This sheet is not part of the TO4 Formula Excel Spreadsheet Model and was created solely to provide a summary of all the TO4 Retail Base Transmission Revenue Requirement components including items that were not contemplated by the TO4 Formula Excel Spreadsheet Model, namely an Error Correction adjustment on the TO4 Cycle 3 applicable to A&G expense.

Statement AF - Workpapers Deferred Credits Base Period & True-Up Period 12 - Months Ending December 31, 2015 (\$1,000)

Line No	-	(a) 31-Dec-14	(b) 31-Dec-15	= [(a)+(b)]/2 rage Balance	Reference	Line No
1	Transmission Related ADIT- Excluding Bonus Depreciation	\$ (309,582)	\$ (302,922)	\$ (306,252)	Stmt AF WP; Page AF-1; Line 1	1
3	Transmission Related ADIT from Bonus Depreciation	(154,543)	(240,706) v	 (197,625) √	Stmt AF WP; Page AF-1; Line 3	3 4
5	Total Transmission Related ADIT	\$ (464,125) v	\$ (543,628) V	\$ (503,877) √	Sum of Lines 1 thru 3	5
6 7					Form 1; Pg. 450.1; Sch. Pg. 274; Ln 2; Cols. b and k	6 7
8	Incentive Transmission Plant ADIT	\$ -	\$ -	\$ <u>-</u>	Stmt AF WP; Page AF-2; Line 1	8
10	Transmission Plant Abandoned ADIT	\$ -	\$ -	\$ -	Stmt AF WP; Page AF-2; Line 4	10
11 12	Incentive Transmission Plant Abandoned Project Cost ADIT	\$ -	\$ -	\$ 	Stmt AF WP; Page AF-2; Line 7	11 12

 $^{{\}it v}$ Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

Statement AV - Workpapers

Cost of Capital and Fair Rate of Return

Base Period & True-Up Period 12 - Months Ending December 31, 2015 (\$1,000)

Line						D. C	Line
No.	-				Amounts	Reference	No.
1	Long-Term Debt Component - Denoi	minator:					1
2	(Plus) Bonds (Acct. 221) (p112.Line				\$ 3,989,648	Form 1; Page 112; Line 18c	2
3	(Less) Reacquired Bonds (Acct. 222)	*			-	Form 1; Page 112; Line 19c	3
4	(Plus) Other Long-Term Debt (Acct.	-	:)		53,650	Form 1; Page 112; Line 21c	4
5	(Plus) Unamortized Premium on Lon	g-Term Debt (Acct	225) (p112.Line2	22c)	-	Form 1; Page 112; Line 22c	5
6	(Less) Unamortized Discount on Lon	g-Term Debt-Debit	(Acct 226) (p112	2.Line23c)	9,710	Form 1; Page 112; Line 23c	6
						Line 2 Minus Line 3 Plus Lines 4 & 5 Minus	
7	LTD = Long Term Debt (p112, sum of the sum	of Line17d thru Line	e22d, details on p	256-257)	\$ 4,033,588	Line 6	7
8							8
9	Long-Term Debt Component - Nume						9
10	(Plus) Interest on Long-Term Debt (4	, .			\$ 188,054	Form 1; Page 117; Line 62c	10
11	(Plus) Amort. of Debt Disc. and Expe		,		3,313	Form 1; Page 117; Line 63c	11
12	(Plus) Amortization of Loss on Reacc		-		2,807	Form 1; Page 117; Line 64c	12
13	(Less) Amort. of Premium on Debt-C			(()	-	Form 1; Page 117; Line 65c	13
14	(Less) Amortization of Gain on Reach	-		nebbc)	\$ 194,174	Form 1; Page 117; Line 66c	14 15
15	i = LTD interest (p117, sum of Line5	oc thru Lineouc, dei	tails on p257))		\$ 194,174	Sum Lines 10; 11; 12 Minus Lines 13 & 14	
16	Cost of Long Town Dolt				4.010/	I in a 15 / I in a 7	16
17	Cost of Long-Term Debt:				4.81%	Line 15 / Line 7	17
18	Dueformed Equity Common on out						18 19
19 20	Preferred Equity Component: PF = Preferred Stock - Acct 204 (p11	2 20)			\$ -	Form 1: Page 112: Line 2e	20
21	d(pf) = Total Dividends Declared-Pre		437) (p118 20c)	`	\$ - \$ -	Form 1; Page 112; Line 3c Form 1; Page 118; Line 29c	21
22	Cost of Preferred Equity	Action Stocks (Acci	. 437) (p116.290	,	0.00%	Line 21 / Line 20	22
23	cost of Freience Equity				0.0070	Eme 21 / Eme 20	23
24	Common Equity Component:						24
25	Proprietary Capital (p112.16c)				\$ 5,222,824	Form 1; Page 112; Line 16c	25
26	(Less) Preferred Stock - Acct 204 (p1	12.3c)			-	Form 1; Page 112; Line 3c	26
27	(Less) Unappropriated Undistributed		s (Acct. 216.1) (r	o112.12c)	_	Form 1; Page 112; Line 12c	27
28	(Less) Accumulated Other Comprehe				(7,840)	Form 1; Page 112; Line 15c	28
29	CS = Common Stock	`	, u	,	\$ 5,230,664	Line 25 Minus Lines 26, 27 & 28	29
30							30
						Offer of Settlement in FERC Docket No. ER13-941-	
31	Return on Common Equity:				10.05%	001	31
32		(a)	(b)	(c)	(d) = (b) x (c)		32
33			Cap. Struct.	Cost of	Weighted		33
34	Weighted Cost of Capital:	Amount 1	Ratio	Capital	Cost of Capital		34
35					_		35
36	Long-Term Debt	\$ 4,033,588	43.54%	4.81%	2.09%	Col. $C = Line 17 Above$	36
37	Preferred Equity	-	0.00%	0.00%	0.00%	Col. $C = Line 22 Above$	37
38	Common Equity	5,230,664	56.46%	10.05%	5.67%	Col. $C = Line 31 Above$	38
39	Total Capital	\$ 9,264,252	100.00%		7.76%	Sum Lines 36 thru 38	39
40							40
41	Cost of Equity Component (Preferred	l & Common):			5.67%	Sum Lines 37; 38; Col. (d)	41
42							42
43							43
44	Incentive Return on Common Equity	<u>: </u>			0.00%	Stmt AV WP; Page AV-1; Line 1	44
45		(a)	(b)	(c)	(d) = (b) x (c)		45
46			Cap. Struct.	Cost of	Weighted		46
47	Weighted Cost of Capital:	Amount 1	Ratio	Capital	Cost of Capital		47
48							48
49	Long-Term Debt	\$ 4,033,588	43.54%	4.81%	2.09%	Col. $C = Line 17 Above$	49
50	Preferred Equity	-	0.00%	0.00%	0.00%	Col. $C = Line 22 Above$	50
51	Common Equity	5,230,664	56.46%	0.00%	0.00%	Col. $C = Line 44 Above$	51
52	Total Capital	\$ 9,264,252	100.00%		2.09%	Sum Lines 49 thru 51	52
53							53
54	Incentive Cost of Equity Component	(Preferred & Comm	<u>10n):</u>		0.00%	Sum Lines 50; 51; Col. (d)	54

Amount is based upon December 31 balances.

² The Incentive Return on Common Equity will be tracked and shown separately for each project. As a result, lines 44 through 54 will be repeated for each project.

Statement AV

Cost of Capital and Fair Rate of Return Base Period & True-Up Period 12 - Months Ending December 31, 2015 (\$1,000)

Line				Line
No.	_	Amounts	Reference	No.
1	Cost of Capital Rate (COCR) Calculation:			1
2	Cost of Cupital Tane (()), Culculation			2
3	a. Federal Income Tax Component:			3
4	a. reactar meome ray component.			4
5	Where:			5
6	A = Sum of Preferred Stock and Return on Equity Component	5.67%	Stmnt AV WP; Page AV1; Line 41	6
7	B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab.	\$ 265	Statement AR; Page 1; Line 5	7
8	C = Equity AFUDC Component of Transmission Depreciation Expense	\$ 4,566	Stmt AV WP; Page AV-1; Line 4	8
9	D = Transmission Rate Base	\$ 3,448,726 V	Statement BK1; Page 2; Line 26	9
10	FT = Federal Income Tax Rate @ 35%	35.00%	Federal Income Tax Rate	10
11				11
12	Federal Income Tax = $(((A) + (C / D)) * FT) - (B / D)$	3.1125% √	Federal Income Tax Expense	12
13	(1 - FT)			13
14				14
15	B. State Income Tax Component:			15
16				16
17	Where:			17
18	A = Sum of Preferred Stock and Return on Equity Component	5.67%	Stmnt AV WP; Page AV1; Line 41	18
19	B = Equity AFUDC Component of Transmission Depreciation Expense	\$ 4,566	Line 8 Above	19
20	C = Transmission Rate Base	\$ 3,448,726 V	Statement BK1; Page 2; Line 26	20
21	FT = Federal Income Tax Expense	3.1125% V	Line 12 Above	21
22	ST = State Income Tax Rate @ 8.84%	8.84%	State Income Tax Rate	22
23				23
24	State Income Tax = $((A) + (B / C) + Federal Income Tax)*(ST)$	0.8645% √	State Income Tax Expense	24
25	(1 - ST)			25
26				26
27	C. Total Federal & State Income Tax Rate:	3.9770% √	Sum Lines 12; 24	27
28				28
29	D. Total Weighted Cost of Capital:	7.7600%	Stmnt AV WP; Page AV1; Line 39	29
30	T. C			30
31	E. Cost of Capital Rate (COCR):	11.7370% v	Sum Lines 27; 29	31

 $^{{\}it v}$ Items that are in bold have changed compared to the original TO4 Cycle 4 filing per ER17-470.

Statement AV

Cost of Capital and Fair Rate of Return

Base Period & True-Up Period 12 - Months Ending December 31, 2015 (\$1,000)

Line					Line
No.	<u>-</u>	Ar	nounts	Reference	No.
1	Incentive Cost of Capital Rate (ICOCR), Calculation: 1				1
2	mount cost of out time (ROCK) careamien.				2
3	a. Federal Income Tax Component:				3
4	a. reactar meome rax component.				4
5	Where:				5
6	A = Sum of Preferred Stock and Return on Equity Component		0.00%	Stmnt AV WP; Page AV1; Line 54	6
7	B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab.		0	Shall be Zero for Incentive ROE Projects	7
8	C = Equity AFUDC Component of Transmission Depreciation Expense	\$	-	Stmt AV WP; Page AV-1; Line 7	8
9	D = Incentive ROE Project Transmission Rate Base	\$	-	Statement BK1; Page 2; Line 31	9
10	FT = Federal Income Tax Rate @ 35%		35%	Stmnt AV WP; Page AV2; Line 10	10
11					11
12	Federal Income Tax = $(((A) + (C / D)) * FT) - (B / D)$		#DIV/0!	Federal Income Tax Expense	12
13	(1 - FT)				13
14					14
15	B. State Income Tax Component:				15
16					16
17	Where:				17
18	A = Sum of Preferred Stock and Return on Equity Component		0.00%	Stmnt AV WP; Page AV1; Line 54	18
19	B = Equity AFUDC Component of Transmission Depreciation Expense	\$	-	Line 8 Above	19
20	C = Incentive ROE Project Transmission Rate Base	\$	-	Line 9 Above	20
21	FT = Federal Income Tax Expense		#DIV/0!	Line 12 Above	21
22	ST = State Income Tax Rate @ 8.84%		8.84%	Stmnt AV WP; Page AV2; Line 22	22
23	0 - 1 - T - (1) - D - (2) - D - 1 - 1 - T - (2)		UP 77.7/04		23
24	State Income Tax = $((A) + (B / C) + Federal Income Tax)*(ST)$		#DIV/0!	State Income Tax Expense	24
25	(1 - ST)				25
26	C. Tatal Fadamil 0. Chata Income Ton Date.		#DIV/0!	C I : 12- 24	26 27
27 28	C. Total Federal & State Income Tax Rate:		#D1V/U!	Sum Lines 12; 24	28
28 29	D. Total Incentive Weighted Cost of Capital:		2.0900%	Stmnt AV WP; Page AV1; Line 52	28 29
30	D. Total incentive weighted Cost of Capital:		2.0900%	Sumit Av wr; rage AVI; Line 32	30
31	E. Incentive Cost of Capital Rate (ICOCR):		#DIV/0! 1	Sum Lines 27; 29	31

¹ The Incentive Cost of Capital Rate Calculation will be tracked and shown separately for each project. As a result, lines 3 through 31 will be repeated for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

TO4 Cycle 4 ADIT Adjustment

San Diego Gas & Electric ADIT Error Correction Plus Accrued Interest Expense (Jan 2015 - Dec 2018) (\$1,000)

Line											2015								
No.	Description	Reference	Jan-15		Feb-15	Mar-15	15	Apr-15	May-15		Jun-15	Jul-15	Auş	Aug-15	Sep-15	Oct-15	No	Nov-15	Dec-15
	Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	s	· •	2,324	8	4,424 \$	8 6,515	S	8,666	10,855	\$ 12,993	6 9	15,529 \$	18,136	\$ 21,031	99	23,945 \$	26,333
	Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period ¹	See Footnote 1	∞i	8.23%	7.43%		7.36%	7.56%		7.67%	7.47%	8.86%	%	%80.6	10.08%	10.12%	%	8.23%	7.89%
	Retall BTRR Excluding FF&U Difference Associated with the ADIT Error Correction ²	Line 3 x Line 5, 'Total' Column	\$ 2,	2,321 \$	2,093	& 2	2,075	\$ 2,131	se.	2,163 \$	2,106	\$ 2,496	se Se	2,560 \$	2,842	\$ 2,851	s	2,320 \$	2,225
	Interest Expense Calculation: ³ Beginning Balance for Interest Calculation	Beginning Quarterly Balances	€9			∞		\$ 6,515	\$	6,515 \$	6,515	\$ 12,993	69	12,993 \$	12,993	\$ 21,031	8	21,031 \$	21,031
	9 Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis	1,	1,160	3,367	-,	5,451	1,066		3,212	5,347	1,248	~	3,776	6,477	1,426	5	4,011	6,284
12 1	Basis for Interest Expense Calculation	Line 8 + Line 10	1,	1,160	3,367	-,	5,451	7,581		9,727	11,862	14,241		16,769	19,470	22,457		25,042	27,315
4 4	Monthly Interest Rate 4	FERC Monthly Rates	0.28000%	%00	0.25000%	0.28	0.28000%	0.27000%	% 0.28000%		0.27000%	0.28000%		0.28000%	0.27000%	0.28000%		0.27000%	0.28000%
91	Interest Expense	Line 12 x Line 14	Se	8	œ	se.	15 8	\$ 20	s	27 \$	32	\$ 40	s	8	83	\$ 63	se Se	89	16
	11/ 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	\$ 2,	2,324 \$	4,424	8	6,515 \$	8,666	8	10,855 \$	12,993	\$ 15,529	8	18,136 \$	21,031	\$ 23,945	8	26,333 \$	28,634

NOTES:
Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

³ Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

⁴ Interest rates are based on the actual rates posted on the FERC website.

TO4 Cycle 4 ADIT Adjustment

San Diego Gas & Electric ADIT Error Correction Plus Accrued Interest Expense (Jan 2015 - Dec 2018) (\$1,000)

Line											2016									
No.	Description	Reference	Jan-16	16	Feb-16	Mar-16	-16	Apr-16	May-16		Jun-16	Jul-16	Ā	Aug-16	Sep-16	0	Oct-16	Nov-16	Dec-16	-16
- 0	Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	\$ 2	28,634 \$	28,714	9	28,788	28,868	\$ 28,949	8	29,033	\$ 29,114	99	29,201	\$ 29,288	s 88	29,372 \$	29,460	99	29,545
7 %	Ratio of Revised True-up Cost of Service Revenues / Total			0.00%	0.00%		0.00%	0.00%	0.00%	%(0.00%	0:00%	,0	0.00%	0.00%	%0	%00.0	0.00%		0.00%
4	True-up Cost of Service Revenues for the TU Period	See Footnote 1																		
. 2		Line 3 x Line 5, 'Total' Column	s	·		s	· ·	•	٠ ج	s	,		se.		'	se	· ·	•	s	•
9	with the AD11 Error Correction																			
_	Interest Expense Calculation: 3				-															
∞ 0	Beginning Balance for Interest Calculation	Beginning Quarterly Balances	\$	28,634 \$	28,634	∽	28,634 \$	28,868	\$	28,868 \$	28,868	5 29,114	\$	29,114 \$	5 29,114	14 \$	29,372 \$	29,372	s	29,372
01	9 10 Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		0	0		0	0		0	0	0	_	0		0	0	0		0
11	11 Basis for Interest Expense Calculation	Line 8 + Line 10	2	28,634	28,634		28,634	28,868	28,868	89	28,868	29,114		29,114	29,114	41	29,372	29,372	.,	29,372
51 7	13 Monthly Interest Rate 4	FERC Monthly Rates	0.28	0.28000%	0.26000%		0.28000%	0.28000%	0.29000%		0.28000%	0.30000%		0.30000%	0.29000%		0.30000%	0.29000%		0.30000%
91	15 Interest Expense	Line 12 x Line 14	s	\$ 08	74	se	808	81	Se	84	8	87	se	87		84 S	88	82	se	88
18	17 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	\$ 2	28,714 \$	28,788	\$	28,868	28,949	\$ 29,033	33 \$	29,114	\$ 29,201	s	29,288	29,372	S 27	29,460 \$	29,545	s	29,633
19																				

NOTES:
Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

³ Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

⁴ Interest rates are based on the actual rates posted on the FERC website.

San Diego Gas & Electric ADIT Error Correction Plus Accrued Interest Expense (Jan 2015 - Dec 2018) (\$1,000)

Previous Month's Balance S	Line									2017								
Time 3 x Lime 5. Total* Column S	-	Description	Reference	Jan-17	Feb-17	Mar-17	Apr-17	May-1		-17	Jul-17	Aug-17		t-12	Oct-17	Nov-17	Dec	-17
Total See Footnote		Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance		se		99	99	s							se	69	30,690
Autorest Calculation Basis		Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period ¹	See Footnote 1	0.00%					%00	0.00%	0.00%	0.0	%0	0.00%	0.00		· ·	0.00%
Beginning Quarterly Balances S 29,633 S 29,633 S 29,831 S 29,891 S		Retail BTRR Excluding FF&U Difference Associated with the ADIT Error Correction ²	Line 3 x Line 5, 'Total' Column	· •	· · · · · · · · · · · · · · · · · · ·	· •	· ·	æ	se .		,	se .	S	1		· ·	es.	
Line 8 + Line 10 Line 12 x Line 14 + Line 5 + Line 16 Line 12 x Line 15 + Line 5 + Line 16 Line 12 x Line 15 + Line 5 + Line 16 Line 14 + Line 5 + Line 16 Line 15 x Line 15 x Line 16 Line 16 x Line 16 Line 16 x Line 16 Line 17 x Line 16 Line 17 x Line 16 Line 18 + Line 5 + Line 16 Line 18 + Line 5 + Line 16 Line 19 x Line 19 Line 10 x Line 10 Line 10 x Line 10 x Line 10 x Line 10 Line 10 x		Interest Expense Calculation: ³ Beginning Balance for Interest Calculation	Beginning Quarterly Balances		∻		-	€	↔					30,167		↔	↔	30,473
Line 12 x Line 16 29,633 29,633 29,891 29,891 30,167 30,167 30,167 30,167 30,473 30,473 30,473 FERC Monthly Rates 0.30000% 0.300	. 0 .	Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis	0		0	0		0	0	0		0	0				0
FERC Monthly Rates Line 12 x Line 14 S 29,722 S 29,801 S 29,801 S 29,801 S 29,801 S 29,801 S 29,801 S 20,801	- 2 "	Basis for Interest Expense Calculation	Line 8 + Line 10	29,633		29,633	29,891	29,		168'6	30,167	30,1	29	30,167	30,47			30,473
Line 12 x Line 14	n + v	Monthly Interest Rate 4	FERC Monthly Rates	0.30000%		0.30000%				2000%	0.34000%	0.3400		.33000%	0.36000			0.36000%
Line 1 Line 5 Line 16 S 29,722 S 29,802 S 29,801 S 29,981 S 30,077 S 30,167 S 30,270 S 30,273 S 30,473 S 30,473 S 30,690 S		Interest Expense	Line 12 x Line 14		s			-			103			100	11	se.	se.	110
	<u> </u>	Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16		s			s	€9				_	30,473	30,58	s	se	30,800

NOTES:
Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

³ Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

⁴ Interest rates are based on the actual rates posted on the FERC website.

San Diego Gas & Electric ADIT Error Correction Plus Accrued Interest Expense (Jan 2015 - Dec 2018) (\$1,000)

Line										2018									Line
No.	Description	Reference	Jan-18	Feb-18		Mar-18	Apr-18	May-18	Jun-18	Jul-18		Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	8	Total	No.
Beginning Bala	Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	\$ 30,800	69	30,911 \$	31,013	\$ 31,124 \$	\$ 31,239	\$ 31,357	se	31,472 \$	31,598 \$	31,724	\$ 31,847 \$	\$ 31,981	99	32,112	se	
Ratio of Revise True-up Cost or	Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period ¹	See Footnote 1	0.00%	, o	%00:0	0.00%	0.00%	0.00%	%00.00%		0.00%	0.00%	0.00%	0.00%	0:00%		0.00%	10	100.00%
4 5 Retail BTRR E with the ADIT	Retail BTRR Excluding FF&U Difference Associated with the ADIT Error Correction ²	Line 3 x Line 5, 'Total' Column	\$	s			· · · · · · · · · · · · · · · · · · ·	· ·	· •	æ	se i	1	-	· •	· •	s		\$ 2	28,182
Interest Expen Beginning Bala	Interest Expense Calculation: ³ Beginning Balance for Interest Calculation	Beginning Quarterly Balances	\$ 30,800	↔	30,800 \$	30,800	\$ 31,124	\$ 31,124	1 \$ 31,124	8	31,472 \$	31,472 \$	31,472	\$ 31,847	\$ 31,847	€9	31,847		
9 10 Monthly Activit	Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis	0		0	0	0	0		0	0	0	0	0		0	0		
11 Basis for Intere	Basis for Interest Expense Calculation	Line 8 + Line 10	30,800		30,800	30,800	31,124	31,124	31,124		31,472	31,472	31,472	31,847	31,847		31,847		
14 Monthly Interest Rate 4	st Rate 4	FERC Monthly Rates	0.36000%		0.33000%	0.36000%	0.37000%	0.38000%	% 0.37000%		0.40000%	0.40000%	0.39000%	0.42000%	0.41000%	% 0.42000%	%00%		
15 16 Interest Expense	se	Line 12 x Line 14	\$ 111	111	102	H	\$ 115	\$ 118	s	115 \$	126 \$	126 \$	3 123	\$ 134	\$ 131	s	134	S	4,064
Ending Balanc	11/ 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	\$ 30,911 \$		31,013 \$	31,124	\$ 31,239	\$ 31,357 \$	\$ 31,472	8	31,598 \$	31,724 \$	31,847	\$ 31,981	\$ 32,112	S	32,246	\$ 3	32,246

NOTES:

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

³ Interest expense calculation is predicated based on the methodology prescribed under Trile 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

4 Interest rates are based on the actual rates posted on the FERC website.

San Diego Gas & Electric Company

TO4 Cycle 5 ADIT Adjustment to Base Transmission Revenue Requirements For the Rate Effective Period January 1, 2019 - December 31, 2019 (\$1,000)

Line	<u>Description</u>	<u>A</u>	<u>mounts</u>	Reference	Line
No.	<u>-</u>				No.
1	BTRR Adjustment due to TO4 Cycle 5 ADIT Error Calculation:				1
2	Retail BTRR Adjustment - Before Interest	\$	35,543	Page 2.6; Col (c); Line 27	2
3					3
4	Interest Expense		3,788	Page 7.3; Line 16 Total Column	4
5	1			2	5
6	Total BTRR Adjustment Excluding FF&U		39,331	Line 2 + Line 4	6
7	•				7
8	Transmission Related Municipal Franchise Fees Expenses		404	Line 6 x 1.0277%	8
9					9
10	Subtotal BTRR Adjustment Including Francise Fees Expenses		39,735	Line 6 + Line 8	10
11					11
12	Transmission Related Uncollectible Expense		68	Line 6 x 0.174%	12
13	•		-		13
14	Total Retail BTRR Adjustment Including FF&U	\$	39,803	Line 10 + Line 12	14

Section C.5. of the Protocols provides a mechanism for SDG&E to correct errors that affected the TU TRR in a previous Informational Filing. In this TO5 Cycle 1 Informational Filing, SDG&E is correcting a TO4 Cycle 5 error of approximately \$39.8M due to ADIT recalculation of the transmission related ADIT from Bonus Depreciation. Lines 1 - 14 show SDG&E's quantification of the revenue requirements including interest.

Line No.		C5	A evised TO4 TU - Period Amounts	T	B Filed TO4 C5 U - Period ER18-358 Amounts	Di	= A - B fference er (Decr)	Reference	Line No.
1 2	A. Revenues: Transmission Operation & Maintenance Expense	\$	73,249	\$	73,249	\$		Page 3.1 and Page 4.1, Line 2	1 2
3 4	Transmission Related A&G Expense		49,516		49,516		_	Page 3.1 and Page 4.1, Line 4	3 4
5 6	CPUC Intervenor Funding Expense							Page 3.1 and Page 4.1, Line 6	5 6
7 8	Total O&M Expenses	\$	122,765	\$	122,765	\$	-	Sum Lines 2 thru 6	7 8
9 10	Transmission, Intangible, General and Common Depr. & Amort. Expense		142,827		142,827		-	Page 3.1 and Page 4.1, Line 10	9 10
11 12 13	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.1 and Page 4.1, Line 12	11 12 13
14 15	Transmission Plant Abandoned Project Cost Amortization Expense		-		-		-	Page 3.1 and Page 4.1, Line 14	14 15
16 17	Transmission Related Property Taxes Expense		38,137		38,137		-	Page 3.1 and Page 4.1, Line 16	16 17
18 19	Transmission Related Payroll Taxes Expense		2,458		2,458			Page 3.1 and Page 4.1, Line 18	18 19
20 21	Sub-Total Expense	\$	306,187	\$	306,187	\$		Sum Lines 8 thru 18	20 21
22	Cost of Capital Rate (COCR)		11.4972% v	,	11.5050%	-	0.0078%	Page 3.1 and Page 4.1, Line 22	22
23	Transmission Rate Base	\$	3,555,748 v	\$	3,244,395	\$	311,353	Page 3.1 and Page 4.1, Line 23	23
24 25	Return and Associated Income Taxes	\$	408,811 v	\$	373,268	\$	35,543	Line 22 x Line 23	24 25
26	South Georgia Income Tax Adjustment	\$	2,333	\$	2,333	\$	-	Page 3.1 and Page 4.1, Line 26	26
27	Transmission Related Amortization of ITC		(265)		(265)		-	Page 3.1 and Page 4.1, Line 27	27
28	Transmission Related Amortization of Excess Deferred Tax Liabilities		-		-		-	Page 3.1 and Page 4.1, Line 28	28
29	Transmission Related Revenue Credits		(5,518)		(5,518)		-	Page 3.1 and Page 4.1, Line 29	29
30	Transmission Related Regulatory Debits		-		-		-	Page 3.1 and Page 4.1, Line 30	30
31	(Gains)/Losses from Sale of Plant Held for Future Use							Page 3.1 and Page 4.1, Line 31	31
32	E L CD', M. D. (DMDD.) E L I', EEGH								32
33 34	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$	711,548 v	\$	676,005	\$	35,543	Line 20 + Sum Lines (24 thru 31)	33 34
35	B. Incentive ROE Project Transmission Revenue:								35
36 37	Incentive Transmission Plant Depreciation Expense	\$		\$	<u> </u>	\$		Page 3.1 and Page 4.1, Line 36	36 37
38	Incentive Cost of Capital Rate (ICOCR)		0.0000% 4	1	0.0000%		0.0000%	Page 3.1 and Page 4.1, Line 38	38
39	Total Incentive ROE Project Transmission Rate Base	•	0.000070	2	0.000070	2	-	Page 3.1 and Page 4.1, Line 39	39
40	Incentive ROE Project Return and Associated Income Taxes	\$		\$		-\$		Line 38 x Line 39	40
41	meentive ROL Project Return and Associated meonic Taxes	Ψ		Ψ		Ψ		Ellie 30 X Ellie 37	41
42	Total Incentive ROE Project Transmission Revenue	\$	_	\$	_	\$	-	Sum Lines 36; 40	42
43	,				-				43
44	C. Incentive Transmission Plant Abandoned Project Revenue:								44
45	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$		\$	-	\$	-	Page 3.1 and Page 4.1, Line 45	45
46									46
47	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$	-	\$	-	\$	-	Page 3.1 and Page 4.1, Line 47	47
48	Cost of Capital Rate (COCR)		11.4972% v		11.5050%		0.0078%	Page 3.1 and Page 4.1, Line 48	48
49	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxo	es \$	-	\$	-	\$	-	Line 47 x Line 48	49
50									50
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$		\$	-	\$		Sum Lines 45; 49	51
52		_	_		_				52
53	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:								53
54	Incentive Transmission Construction Work In Progress ²	\$	-	\$	-	\$	-	Page 3.1 and Page 4.1, Line 54	54
55	Cost of Capital Rate (COCR)		11.4972% v		11.5050%		0.0078%	Page 3.1 and Page 4.1, Line 55	55
56	Incentive CWIP Return and Associated Income Taxes	\$		\$		\$	-	Line 54 x Line 55	56
57									57
58 59	Total Incentive End of Prior Year Revenues (PYRR $_{\rm EUIR})$ Excluding FF&U	\$	-	\$		\$	-	Sum Lines 42; 51; 56	58 59
	E. Total (PYRR _{EU}) Excluding FF&U ³	ø	711 540		676.005	ø	25 542	Cum I ic 22: 50	
60	E. 10tal (1 1 KK EII) Excluding FF&U	Þ	711,548 v	Þ	676,005	\$	35,543	Sum Lines 33; 58	60

√ Items that are in bold have changed compared to the original TO4 Cycle 5 filing per ER18-358.

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 4 months ending December 31, 2013

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Line			A evised TO4 TU - Period	T	B Filed TO4 C5 'U - Period ER18-358		E = A - B		Line
No.			Amounts		Amounts	In	cr (Decr)	Reference	No.
	A. Transmission Rate Base								
1	Net Transmission Plant:								1
2	Transmission Plant	\$	3,959,698	\$	3,959,698	\$	-	Page 3.2 and Page 4.2, Line 2	2
3	Transmission Related Electric Miscellaneous Intangible Plant		13,463		13,463		-	Page 3.2 and Page 4.2, Line 3	3
4	Transmission Related General Plant		35,760		35,760		-	Page 3.2 and Page 4.2, Line 4	4
5	Transmission Related Common Plant		65,669		65,669			Page 3.2 and Page 4.2, Line 5	5
6	Total Net Transmission Plant	\$	4,074,590	\$	4,074,590	\$	-	Sum Lines 2 thru 5	6
7									7
8	Rate Base Additions:								8
9	Transmission Plant Held for Future Use	\$	5,654	\$	5,654	\$	-	Page 3.2 and Page 4.2, Line 9	9
10	Transmission Plant Abandoned Project Cost						-	Page 3.2 and Page 4.2, Line 10	10
11	Total Rate Base Additions	\$	5,654	\$	5,654	\$	-	Sum Lines 9 thru 10	11
12									12
13	Rate Base Reductions:								13
14	Transmission Related Accum. Def. Inc. Taxes	\$	(593,684) √	\$	(905,037)	\$	311,353	Page 3.2 and Page 4.2, Line 14	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes		 _				-	Page 3.2 and Page 4.2, Line 15	15
16	Total Rate Base Reductions	\$	(593,684) V	\$	(905,037)	\$	311,353	Sum Lines 14 thru 15	16
17									17
18	Working Capital:								18
19	Transmission Related Material and Supplies	\$	37,814	\$	37,814	\$	-	Page 3.2 and Page 4.2, Line 19	19
20	Transmission Related Prepayments		16,028		16,028		-	Page 3.2 and Page 4.2, Line 20	20
21	Transmission Related Cash Working Capital		15,346		15,346			Page 3.2 and Page 4.2, Line 21	21
22	Total Working Capital	\$	69,188	\$	69,188	\$		Sum Lines 19 thru 21	22
23									23
24	Other Regulatory Assets/Liabilities	\$	-	\$	-	\$	-	Page 3.2 and Page 4.2, Line 24	24
25									25
26	Total Transmission Rate Base	\$	3,555,748 v	\$	3,244,395	\$	311,353	Sum Lines 6; 11; 16; 22; 24	26
27									27
28	B. Incentive ROE Project Transmission Rate Base:								28
29	Net Incentive Transmission Plant ¹	\$	-	\$	-	\$	-	Page 3.2 and Page 4.2, Line 29	29
30	Incentive Transmission Plant Accum. Def. Income Taxes		-		-		-	Page 3.2 and Page 4.2, Line 30	30
31	Total Incentive ROE Project Transmission Rate Base	\$	-	\$	-	\$	-	Sum Lines 29 thru 30	31
32									32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:								33
34	Incentive Transmission Plant Abandoned Project Cost	\$	-	\$	-	\$	-	Page 3.2 and Page 4.2, Line 34	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes		-		-		-	Page 3.2 and Page 4.2, Line 35	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$	-	\$	-	\$	-	Sum Lines 34 thru 35	36
37	•	-							37
38	D. Incentive Transmission Construction Work In Progress ²	\$		\$		\$		Page 3.2 and Page 4.2, Line 38	38

[√] Items that are in bold have changed compared to the original TO4 Cycle 5 filing per ER18-358.

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

² Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

		Re	A evised TO4	B Filed TO4 C5 U - Period	C =	- A - B		
Line			TU - Period	ER18-358	Difference			Line
No.			Amounts	 Amounts	Incr	(Decr)	Reference	No.
	A. Transmission Plant							
1	Gross Transmission Plant:							1
2	Transmission Plant	\$	4,857,202	\$ 4,857,202	\$	-	Page 3.3 and Page 4.3, Line 2	2
3	Transmission Related Electric Miscellaneous Intangible Plant		26,074	26,074		-	Page 3.3 and Page 4.3, Line 3	3
4	Transmission Related General Plant		58,773	58,773		-	Page 3.3 and Page 4.3, Line 4	4
5	Transmission Related Common Plant		131,261	 131,261		-	Page 3.3 and Page 4.3, Line 5	5
6	Total Gross Transmission Plant	\$	5,073,310	\$ 5,073,310	\$	-	Sum Lines 2 thru 5	6
7								7
8	Accumulated Depreciation Reserve:							8
9	Transmission Plant Depreciation Reserve	\$	897,504	\$ 897,504	\$	-	Page 3.3 and Page 4.3, Line 9	9
10	Transmission Related Electric Miscellaneous Intangible Amortization Reserve		12,611	12,611		-	Page 3.3 and Page 4.3, Line 10	10
11	Transmission Related General Plant Depr Reserve		23,013	23,013		-	Page 3.3 and Page 4.3, Line 11	11
12	Transmission Related Common Plant Depr Reserve		65,592	65,592		-	Page 3.3 and Page 4.3, Line 12	12
13	Total Transmission Related Accumulated Depreciation Reserve	\$	998,720	\$ 998,720	\$	-	Sum Lines 9 thru 12	13
14								14
15	Net Transmission Plant:							15
16	Transmission Plant	\$	3,959,698	\$ 3,959,698	\$	-	Page 3.3 and Page 4.3, Line 16	16
17	Transmission Related Electric Miscellaneous Intangible Plant		13,463	13,463		-	Page 3.3 and Page 4.3, Line 17	17
18	Transmission Related General Plant		35,760	35,760		-	Page 3.3 and Page 4.3, Line 18	18
19	Transmission Related Common Plant		65,669	65,669		-	Page 3.3 and Page 4.3, Line 19	19
20	Total Net Transmission Plant	\$	4,074,590	\$ 4,074,590	\$	-	Sum Lines 16 thru 19	20
21								21
22	B. Incentive Project Transmission Plant:							22
23	Incentive Transmission Plant ¹	\$	-	\$ -	\$	-	Page 3.3 and Page 4.3, Line 23	23
24	Incentive Transmission Plant Depreciation Reserve ¹		-	-		-	Page 3.3 and Page 4.3, Line 24	24
25	Total Net Incentive Transmission Plant	\$	-	\$ -	\$	-	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

Line No.	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS A. Derivation of Annual Fix Charge Rate (AFCR pr.) Applicable to	C5	A evised TO4 TU - Period Amounts	T	B Filed TO4 C5 TU - Period ER18-358 Amounts	Di	= A - B	Reference	Line No.
2	Weighted Forecast Plant Additions:								2
3	PYRR _{EU} Excluding Franchise Fees and Uncollectible	s	711,548 v	s	676,005	S	35,543	Page 3.4 and Page 4.4, Line 3	3
4	50% of Transmission O&M Expense	-	(36,625)		(36,625)	-	-	Page 3.4 and Page 4.4, Line 4	4
5	50% of Transmission Related A&G Expense		(24,758)		(24,758)		_	Page 3.4 and Page 4.4, Line 5	5
6	CPUC Intervenor Funding Expense		-		-		-	Page 3.4 and Page 4.4, Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.4 and Page 4.4, Line 7	7
8	South Georgia Income Tax Adjustment		(2,333)		(2,333)		-	Page 3.4 and Page 4.4, Line 8	8
9	Transmission Related Amortization of Investment Tax Credit		265		265		-	Page 3.4 and Page 4.4, Line 9	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-		-		-	Page 3.4 and Page 4.4, Line 10	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		-		-		-	Page 3.4 and Page 4.4, Line 11	11
12	Total (PYRR EU) Excluding FF&U - Adjusted	\$	648,097 v	\$	612,554	\$	35,543	Sum Lines 3 thru 11	12
13									13
14	Gross Transmission Plant	\$	5,073,310	\$	5,073,310	\$		Page 3.4 and Page 4.4, Line 14	14
15									15
16	Annual Fix Charge Rate (AFCR EU)		12.7746% √		12.0741%		0.7005%	Page 3.4 and Page 4.4, Line 16	16
17									17
18	Weighted Forecast Plant Additions	\$	-	\$	-	\$	-	Page 3.4 and Page 4.4, Line 18	18
19								_	19
20	Forecast Period Capital Addition Revenue Requirements	\$		\$		\$		Line 16 x Line 18	20

 $[\]forall$ Items that are in bold have changed compared to the original TO4 Cycle 5 filing per ER18-358.

Line No.		C5	A evised TO4 TU - Period Amounts	T	B Filed TO4 C5 U - Period ER18-358 Amounts	Di	= A - B	Reference	Line No.
	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE								
1	CAPITAL PROJECTS A. Derivation of Annual Fix Charge Rate (AFCR ELLIR, ROF) Applicable to								1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):								2
3	PYRR _{FILIR-ROE} Excluding Franchise Fees and Uncollectible	s	711,548 1	<i>I</i> \$	676,005	\$	35,543	Page 3.5 and Page 4.5, Line 3	3
4	50% of Transmission O&M Expense		(36,625)		(36,625)		-	Page 3.5 and Page 4.5, Line 4	4
5	50% of Transmission Related A&G Expense		(24,758)		(24,758)		-	Page 3.5 and Page 4.5, Line 5	5
6	CPUC Intervenor Funding Expense - Transmission		-		-		-	Page 3.5 and Page 4.5, Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.5 and Page 4.5, Line 7	7
8	South Georgia Income Tax Adjustment		(2,333)		(2,333)		-	Page 3.5 and Page 4.5, Line 8	8
9	Transmission Related Amortization of Investment Tax Credit		265		265		-	Page 3.5 and Page 4.5, Line 9	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-		-		-	Page 3.5 and Page 4.5, Line 10	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		-					Page 3.5 and Page 4.5, Line 11	11
12	Adjusted Total (PYRR _{EU-IR-ROE}) Excluding FF&U	\$	648,097 v	/ \$	612,554	\$	35,543	Sum Lines 3 thru 11	12
13									13
14	Gross Transmission Plant & Incentive Transmission Plant	\$	5,073,310	\$	5,073,310	\$		Page 3.5 and Page 4.5, Line 14	14
15									15
16	Incentive Annual Fix Charge Rate (AFCR _{EU-IR-ROE}) ¹		12.7746% 1	1	12.0741%		0.7005%	Page 3.5 and Page 4.5, Line 16	16
17									17
18	Incentive Weighted Forecast Plant Additions	\$	-			\$		Page 3.5 and Page 4.5, Line 18	18
19									19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC EU-IR-ROE)	\$	-	\$	-	\$	-	Line 16 x Line 18	20
21									21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:								22
23	1. For the Period After the Base Period and Before the Rate Effective Period:								23
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$	-	\$	-	\$	-	Page 3.5 and Page 4.5, Line 24	24
25									25
26	Cost of Capital Rate (COCR)		11.4972%		11.5050%		0.0078%	Page 3.5 and Page 4.5, Line 26	26
27									27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	\$	-	\$	-	Line 24 x Line 26	28
29									29
30	2. For the Period During the Rate Effective Period:								30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	\$	-	\$	-	\$	-	Page 3.5 and Page 4.5, Line 31	31
32	0 - 00 - 110 -		11 40 720/		11.50500/		0.00500/	D 25 ID 45 I	32
33	Cost of Capital Rate (COCR)		11.4972% v		11.5050%		0.0078%	Page 3.5 and Page 4.5, Line 33	33
34	The state of the s	•		•		•		1: 21 1: 22	34
35	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$		\$		\$		Line 31 x Line 33	35
36 37	Total Incentive Transmission Foregoet CWID Projects Revenue Province	\$		\$		\$		Sum Lines 28: 35	36 37
3/	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	Э		Þ	-	Ф		Sum Lines 28; 33	3/

V Items that are in bold have changed compared to the original TO4 Cycle 5 filing per ER18-358.

The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

Line No.		C5	A vised TO4 ΓU - Period Amounts	1	T	B iled TO4 C5 U - Period CR18-358 Amounts	Di	= A - B	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR EII):									1
2	End of Dain Von December (DVDD) Endeding EE 611	•	711 740		6	(7(005	•	25.542	D 26 ID 46 I: 2	2
3	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$	711,548 v	′	3	676,005	3	35,543	Page 3.6 and Page 4.6, Line 3	3
5	Incentive End of Prior Year Revenues (PYRR FULIR) Excluding FF&U								Page 3.6 and Page 4.6, Line 5	5
6	meenave End of Front Teal Revenues (FFRRE EU-IR) Excitating FF acc			-					rage 3.0 and rage 1.0, Eme 3	6
7	Sub-Total Base Period Revenues	\$	711,548 v	,	\$	676,005	\$	35,543	Sum Lines 3 thru 5	7
8										8
9	Retail True-Up Period Adjustment	\$	-		\$	-	\$	-	Page 3.6 and Page 4.6, Line 9	9
10	D. H								B 46 IB 46 I	10
11 12	Retail Interest True-Up Adjustment			-				-	Page 3.6 and Page 4.6, Line 11	11 12
13	Sub-Total True-Up Adjustments	S	_		\$	_	\$	_	Sum Lines 9 thru 11	13
14	Duo Touri Tiuo op Tiajusimonio			-	Ψ				Sam Emes y and 11	14
15	B. Annual Fixed Charges Applicable to Capital Projects:									15
16										16
17	Forecast Period Capital Addition Revenue Requirements	\$	-	_	\$	-	\$	-	Page 3.6 and Page 4.6, Line 17	17
18										18
19 20	C. Annual Fixed Charges Applicable to Incentive Capital Projects:									19 20
21	Forecast Period Incentive Capital Additions Revenue Requirements (FC FILIR-ROE)	\$	_		\$		\$	_	Page 3.6 and Page 4.6, Line 21	21
22	reference (1 © EU-IR-ROE)	Ψ		-	Ψ		Ф		rage 3.0 and rage 4.0, Eme 21	22
23	D. Incentive Forecast Transmission CWIP Revenues:									23
24										24
25	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-		\$	-	\$	-	Page 3.6 and Page 4.6, Line 25	25
26										26
27	E. Subtotal BTRR EU Excluding FF&U:	\$	711,548 v	1	\$	676,005	\$	35,543	Sum Lines 7; 13; 17; 21; 25	27
28	T		# 212			6.045		266	1: 27 1 2277	28
29 30	Transmission Related Municipal Franchise Fees Expenses Transmission Related Uncollectible Expense		7,313 v 1,238 v			6,947 1,176		366 62	Line 27 x 1.0277% Line 27 x 0.174%	29 30
31	Transmission Related Officultectible Expense		1,238 \	-		1,1/0		04	Line 2 / X U.1 /470	31
32	F. Total Retail BTRR FU With FF&U	\$	720,099 v	_	\$	684,128	\$	35,971	Sum Lines 27 thru 30	32

 $[\]mbox{$\nu$}$ Items that are in bold have changed compared to the original TO4 Cycle 5 filing per ER18-358.

$\begin{array}{c} \textbf{Derivation of End Use Prior Year Revenue Requirements (PYRR}_{EU}) \\ \textbf{For the Base Period \& True-Up Period Ending December 31, 2016} \end{array}$

(\$1,000)

Line No.		Amounts 5	Reference	Line No.
1 2	A. Revenues: Transmission Operation & Maintenance Expense	\$ 73,249	Statement AH; Page 5, Line 9	1 2
3	This is the second of the seco	V 73,2 17	Statement 1111, 1 age 3, 2 me 3	3
4 5	Transmission Related A&G Expense	49,516	Statement AH; Page 5, Line 56	4 5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement AH; Page 5, Line 17	6
7 8	Total O&M Expenses	\$ 122,765	Sum Lines 2 thru 6	7 8
9	Total Octivi Expenses	\$ 122,703	Sum Lines 2 tiltu 0	9
10	Transmission, General, Common Plant Depn. Exp., and Electric Misc. Intangible Plant Amort. Exp.	142,827	Statement AJ; Page 7, Line 17	10
11 12	Valley Rainbow Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 19	11 12
13				13
14 15	Transmission Plant Abandoned Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 23	14 15
16	Transmission Related Property Taxes Expense	38,137	Statement AK; Page 8, Line 27	16
17	T ' DI LID HT F	2.450	Control of the Contro	17
18 19	Transmission Related Payroll Taxes Expense	2,458	Statement AK; Page 8, Line 33	18 19
20	Sub-Total Expense	\$ 306,187	Sum Lines 8 thru 18	20
21	Cost of Conital Pate	11 40730/	Ct	21
22 23	Cost of Capital Rate (COCR) Transmission Rate Base	11.4972% √ 3,555,748 √	Statement AV; Page 15, Line 31 Statement BK-1; Page 2, Line 26	22 23
24	Return and Associated Income Taxes	\$ 408,811 V	Line 22 x Line 23	23
25	Total and a second and and a second a second and a second a second and	<u> </u>	22 N 21110 23	25
26	South Georgia Income Tax Adjustment	\$ 2,333	Statement AQ; Page 11, Line 1	26
27	Transmission Related Amortization of Investment Tax Credits	(265)	Statement AR; Page 12, Line 1	27
28	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement AR; Page 12, Line 3	28
29	Transmission Related Revenue Credits	(5,518)	Statement AU; Page 13, Line 11	29
30	Transmission Related Regulatory Debits	-	Misc. Statement; Page 17, Line 1	30
31 32	(Gains)/Losses from Sale of Plant Held for Future Use	-	Statement AU; Page 13, Line 13	31 32
33	End of Prior Year Revenues (PYRR EU) Excluding FF&U	\$ 711,548 √	Line 20 + Sum Lines (24 thru 31)	33
34	·		,	34
35	B. Incentive ROE Project Transmission Revenue:			35
36	Incentive Transmission Plant Depreciation Expense	\$ -	Statement AJ; Page 7; Line 21	36
37	Januarine Control Detection 1	0.0000% 4	C4-4 4 A.V. D 16 I i 21	37
38	Incentive Cost of Capital Rate (ICOCR) Tatal Neuroin ROE Project Transmission Rate Pro-		Statement AV; Page 16, Line 31	38 39
39 40	Total Incentive ROE Project Transmission Rate Base	<u> </u>	Statement BK-1; Page 2; Line 31 Line 38 x Line 39	39 40
41	Incentive ROE Project Return and Associated Income Taxes	<u> </u>	Line 38 X Line 39	40
42	Total Incentive ROE Project Transmission Revenue	\$ -	Sum Lines 36; 40	42
43	j			43
44	C. Incentive Transmission Plant Abandoned Project Revenue:			44
45	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$ -	Statement AJ; Page 7; Line 25	45
46				46
47	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Statement BK-1; Page 2; Line 36	47
48	Cost of Capital Rate (COCR)	11.4972% √	Statement AV; Page 15, Line 31	48
49	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	\$ -	Line 47 x Line 48	49
50				50
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$ -	Sum Lines 45; 49	51
52 53	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:			52 53
	Incentive Transmission Construction Work In Progress 2	\$ -	Statement DV 1, Dage 2, Line 29	
54 55	Cost of Capital Rate (COCR)	3 - 11.4972% √	Statement BK-1; Page 2; Line 38 Statement AV; Page 15, Line 31	54 55
	Incentive CWIP Return and Associated Income Taxes		Line 54 x Line 55	
56 57	meentive Cwit Return and Associated income Taxes	\$ -	Line 34 x Line 33	56 57
58	Total Incentive End of Prior Year Revenues (PYRR FILIR) Excluding FF&U	s -	Sum Lines 42; 51; 56	58
59	CU-IK/		2000 2000 12, 21, 20	59
	E Total (DVDD) Evaluding EE & H 3	6 711 749 4	C Lin 22 50	
60	E. Total (PYRR _{EU}) Excluding FF&U ³	\$ 711,548 V	Sum Lines 33; 58	60

√ Items that are in bold have changed compared to the original TO4 Cycle 5 filing per ER18-358.

- ¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.
- ² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.
- ³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period.
- ⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no
- ⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2016 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Rate Base:			
1	Net Transmission Plant:			1
2	Transmission Plant	\$ 3,959,698	Statement BK-1; Page 3; Line 16	2
3	Transmission Related Electric Miscellaneous Intangible Plant	13,463	Statement BK-1; Page 3; Line 17	3
4	Transmission Related General Plant	35,760	Statement BK-1; Page 3; Line 18	4
5	Transmission Related Common Plant	65,669	Statement BK-1; Page 3; Line 19	5
6	Total Net Transmission Plant	\$ 4,074,590	Sum Lines 2 thru 5	6
7				7
8	Rate Base Additions:			8
9	Transmission Plant Held for Future Use	\$ 5,654	Statement AG; Page 4; Line 1	9
10	Transmission Plant Abandoned Project Cost	-	Misc. Statement; Page 17, Line 4	10
11	Total Rate Base Additions	\$ 5,654	Sum Lines 9 thru 10	11
12				12
13	Rate Base Reductions:			13
14	Transmission Related Accum. Def. Inc. Taxes	\$ (593,684) V	Statement AF; Page 3; Line 5	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes	-	Statement AF; Page 3; Line 9	15
16	Total Rate Base Reductions	\$ (593,684) V	Sum Lines 14 thru 15	16
17				17
18	Working Capital:			18
19	Transmission Related Materials and Supplies	\$ 37,814	Statement AL; Page 9; Line 5	19
20	Transmission Related Prepayments	16,028	Statement AL; Page 9; Line 9	20
21	Transmission Related Cash Working Capital	15,346	Statement AL; Page 9; Line 19	21
22	Total Working Capital	\$ 69,188	Sum Lines 19 thru 21	22
23				23
24	Other Regulatory Assets/Liabilities	-	Misc. Statement; Page 17, Line 7	24
25				25
26	Total Transmission Rate Base	\$ 3,555,748 V	Sum Lines 6; 11; 16; 22; 24	26
27				27
28	B. Incentive ROE Project Transmission Rate Base:			28
29	Net Incentive Transmission Plant ¹	\$ -	Statement BK-1; Page 3; Line 25	29
30	Incentive Transmission Plant Accum. Def. Income Taxes	-	Statement AF; Page 3; Line 7	30
31	Total Incentive ROE Project Transmission Rate Base	\$ -	Sum Lines 29 thru 30	31
32				32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:			33
34	Incentive Transmission Plant Abandoned Project Cost	\$ -	Misc. Statement; Page 17, Line 10	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes	-	Statement AF; Page 3; Line 11	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Sum Lines 34 thru 35	36
37				37
38	D. Incentive Transmission Construction Work In Progress ²	\$ -	Statement AM; Page 10; Line 1	38

$\mbox{\em 1}\mbox{\em 1}$ Items that are in bold have changed compared to the original TO4 Cycle 5 filling per ER18-358.

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

 $^{^{\}rm 2}$ Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2016 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Plant:			
1	Gross Transmission Plant:			1
2	Transmission Plant	\$ 4,857,202	Statement AD; Page 1, Line 15	2
3	Transmission Related Electric Misc. Intangible Plant	26,074	Statement AD; Page 1, Line 31	3
4	Transmission Related General Plant	58,773	Statement AD; Page 1, Line 33	4
5	Transmission Related Common Plant	131,261	Statement AD; Page 1, Line 35	5
6	Total Gross Transmission Plant	\$ 5,073,310	Sum Lines 2 thru 5	6
7				7
8	Transmission Related Depreciation Reserve:			8
9	Transmission Plant Depreciation Reserve	\$ 897,504	Statement AE; Page 2, Line 1	9
10	Transmission Related Electric Misc. Intangible Plant Amortization Reserve	12,611	Statement AE; Page 2, Line 11	10
11	Transmission Related General Plant Depr Reserve	23,013	Statement AE; Page 2, Line 13	11
12	Transmission Related Common Plant Depr Reserve	65,592	Statement AE; Page 2, Line 15	12
13	Total Transmission Related Depreciation Reserve	\$ 998,720	Sum Lines 9 thru 12	13
14				14
15	Net Transmission Plant:			15
16	Transmission Plant	\$ 3,959,698	Line 2 Minus Line 9	16
17	Transmission Related Electric Miscellaneous Intangible Plant	13,463	Line 3 Minus Line 10	17
18	Transmission Related General Plant	35,760	Line 4 Minus Line 11	18
19	Transmission Related Common Plant	65,669	Line 5 Minus Line 12	19
20	Total Net Transmission Plant	\$ 4,074,590	Sum Lines 16 thru 19	20
21		<u> </u>		21
22	B. Incentive Project Transmission Plant:			22
23	Incentive Transmission Plant ¹	\$ -	Statement AD; Page 1, Line 17	23
24	Incentive Transmission Plant Depreciation Reserve 1	-	Statement AE; Page 2, Line 19	24
25	Total Net Incentive Transmission Plant	\$ -	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2017 - December 31, 2018 (\$1,000)

Line No.		Amounts	Reference	Line No.
110.	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS	 Amounts	Reference	110.
1	A. Derivation of Annual Fix Charge Rate (AFCR FU) Applicable to			1
2	Weighted Forecast Plant Additions:			2
3	PYRR _{EU} Excluding Franchise Fees and Uncollectible	\$ 711,548 √	Statement BK-1; Page 1; Line 33	3
4	50% of Transmission O&M Expense	(36,625)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(24,758)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use	 -	Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU) Excluding FF&U	\$ 648,097 √	Sum Lines 3 thru 11	12
13		 		13
14	Gross Transmission Plant	\$ 5,073,310	Statement BK-1; Page 3, Line 6	14
15		 		15
16	Annual Fix Charge Rate (AFCR _{EU})	12.7746% √	Line 12 / Line 14	16
17				17
18	Weighted Forecast Plant Additions	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 5, Col. (f)	18
19		 <u></u>		19
20	Forecast Period Capital Addition Revenue Requirements	\$ 	Line 16 x Line 18	20

 $[\]mbox{\sc 1}$ Items that are in bold have changed compared to the original TO4 Cycle 5 filling per ER18-358.

Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2017 - December 31, 2018 (\$1,000)

Line No.		Amounts	Reference	Line No.
INO.	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE	Amounts	Reference	NO.
	CAPITAL PROJECTS			
1	A. Derivation of Annual Fix Charge Rate (AFCR ELLIR ROE) Applicable to			1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):			2
3	PYRR FILIBROE Excluding Franchise Fees and Uncollectible	\$ 711,548 √	Statement BK-1; Page 1; Line 33 + Line 42	3
4	50% of Transmission O&M Expense	(36,625)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(24,758)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$ 648,097 √	Sum Lines 3 thru 11	12
13				13
14	Gross Transmission Plant & Incentive Transmission Plant	\$ 5,073,310	Statement BK-1; Page 3, Line 6 + Line 23	14
15				15
16	Incentive Annual Fix Charge Rate (AFCR _{EU-IR-ROE}) ¹	12.7746% √	Line 12 / Line 14	16
17				17
18	Incentive Weighted Forecast Plant Additions	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 8; Col. (f)	18
19			0, 2011 (1)	19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC FILIR-ROE)	s -	Line 16 x Line 18	20
21	1 Lower Control			21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:			22
23	1. For the Period After the Base Period and Before the Rate Effective Period:			23
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln	
		*	10; Col. (f)	
25			, , ,	25
26	Cost of Capital Rate (COCR)	11.4972% √	Statement AV; Page 15, Line 31	26
27	- , ,			27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 24 x Line 26	28
29				29
30	2. For the Period During the Rate Effective Period:			30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 12; Col. (f)	31
32			, , ,	32
33	Cost of Capital Rate (COCR)	11.4972% √	Statement AV; Page 15, Line 31	33
34	· (coch)		, ,	34
35	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 31 x Line 33	35
36	, i			36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Sum Lines 28; 35	37

\checkmark Items that are in bold have changed compared to the original TO4 Cycle 5 filing per ER18-358.

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

Derivation of End Use Base Transmission Revenue Requirements (BTRR _{EU}) For the Rate Effective Period January 1, 2018 - December 31, 2018 (\$1,000)

Line No.			Amounts	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR FU):				1
3	End of Prior Year Revenues (PYRR $_{\rm EU}$) Excluding FF&U	\$	711,548 V	Statement BK-1; Page 1; Line 33	2 3 4
4 5 6	Incentive End of Prior Year Revenues (PYRR $_{\rm EU\textsc{-}IR})$ Excluding FF&U		-	Statement BK-1; Page 1; Line 58	5
7 8	Sub-Total Base Period Revenues	\$	711,548 V	Sum Lines 3 thru 5	7 8
9 10	Retail True-Up Period Adjustment	\$	-	(Retail TU Adj; Total Col; Line 29) / 1,000	9 10
11	Retail Interest True-Up Adjustment ¹		-	(Retail Int TU-1 + Retail Int TU-2; Ttl Col; Ln 18)/1,000	11
12 13 14	Sub-Total True-Up Adjustments	\$		Sum Lines 9 thru 11	12 13 14
15 16	B. Annual Fixed Charges Applicable to Capital Projects:				15 16
17 18	Forecast Period Capital Addition Revenue Requirements	\$	-	Statement BK-1; Page 4, Line 20	17 18
19 20	C. Annual Fixed Charges Applicable to Incentive Capital Projects:	0		Out DWA D S II 20	19 20
21 22	Forecast Period Incentive Capital Additions Revenue Requirements (FC _{EU-IR-ROE})	\$		Statement BK-1; Page 5, Line 20	21 22
23 24 25	D. Incentive Forecast Transmission CWIP Revenues: Incentive Transmission Forecast CWIP Projects Revenue Requirements	S		Statement BK-1; Page 5, Line 37	23 24 25
26 27	E. Subtotal BTRR EL Excluding FF&U:	s	711,548 V	Sum Lines 7; 13; 17; 21; 25	26 27
28 29	Transmission Related Municipal Franchise Fees Expenses	•	7,313 V	Line 27 x 1.0277%	28 29
30 31	Transmission Related Uncollectible Expense		1,238 V	Line 27 x 0.174%	30 31
32	F. Total Retail BTRR FILL With FF&U	\$	720,099 v	Sum Lines 27 thru 30	32

[√] Items that are in bold have changed compared to the original TO4 Cycle 5 filing per ER18-358.

¹ This amount represents the Interest True-Up Adjustment on the previous cycle True-Up Adjustment under-collection/(over-collection) balance.

$\begin{array}{c} \textbf{Derivation of End Use Prior Year Revenue Requirements (PYRR}_{EU}) \\ \textbf{For the Base Period \& True-Up Period Ending December 31, 2016} \end{array}$

(\$1,000)

Line No.		Amounts 5	Reference	Line No.
1	A. Revenues:			1
2	Transmission Operation & Maintenance Expense	\$ 73,249	Statement AH; Page 5, Line 9	2
3				3
4	Transmission Related A&G Expense	49,516	Statement AH; Page 5, Line 56	4
5 6	CPUC Intervenor Funding Expense - Transmission	_	Statement AH; Page 5, Line 17	5 6
7	Croc mervenor randing Expense - transmission		Statement AII, I age 3, Eme 17	7
8	Total O&M Expenses	\$ 122,765	Sum Lines 2 thru 6	8
9				9
10 11	Transmission, General, Common Plant Depn. Exp., and Electric Misc. Intangible Plant Amort. Exp.	142,827	Statement AJ; Page 7, Line 17	10 11
12	Valley Rainbow Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 19	12
13			, ,	13
14	Transmission Plant Abandoned Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 23	14
15 16	Transmission Related Property Taxes Expense	38,137	Statement AK; Page 8, Line 27	15 16
17	Transmission Related Property Taxes Expense	36,137	Statement AK, 1 age 6, Line 27	17
18	Transmission Related Payroll Taxes Expense	2,458	Statement AK; Page 8, Line 33	18
19				19
20	Sub-Total Expense	\$ 306,187	Sum Lines 8 thru 18	20
21 22	Cost of Capital Rate (COCR)	11.5050%	Statement AV; Page 15, Line 31	21 22
23	Transmission Rate Base	3,244,395	Statement BK-1; Page 2, Line 26	23
24	Return and Associated Income Taxes	\$ 373,268	Line 22 x Line 23	24
25	Actual and Absoluted Internet Paris	<u> </u>	Eme 22 it Eme 29	25
26	South Georgia Income Tax Adjustment	\$ 2,333	Statement AQ; Page 11, Line 1	26
27	Transmission Related Amortization of Investment Tax Credits	(265)	Statement AR; Page 12, Line 1	27
28	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement AR; Page 12, Line 3	28
29	Transmission Related Revenue Credits	(5,518)	Statement AU; Page 13, Line 11	29
30	Transmission Related Regulatory Debits	-	Misc. Statement; Page 17, Line 1	30
31	(Gains)/Losses from Sale of Plant Held for Future Use	-	Statement AU; Page 13, Line 13	31
32	E I CD ' W D (DWDD) E I I' EE011			32
33	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$ 676,005	Line 20 + Sum Lines (24 thru 31)	33
34 35	B. Incentive ROE Project Transmission Revenue:			34 35
36	Incentive Transmission Plant Depreciation Expense	\$ -	Statement AJ; Page 7; Line 21	36
37	meetat ve Talasimission Talaki 2 epitetatton 2.apetase	<u> </u>	Satement 12, 1 age 7, 2 me 21	37
38	Incentive Cost of Capital Rate (ICOCR)	0.0000% 4	Statement AV; Page 16, Line 31	38
39	Total Incentive ROE Project Transmission Rate Base	\$ -	Statement BK-1; Page 2; Line 31	39
40	Incentive ROE Project Return and Associated Income Taxes	\$ -	Line 38 x Line 39	40
41				41
42	Total Incentive ROE Project Transmission Revenue	\$ -	Sum Lines 36; 40	42
43				43
44	C. Incentive Transmission Plant Abandoned Project Revenue:		C	44
45 46	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$ -	Statement AJ; Page 7; Line 25	45 46
47	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Statement BK-1; Page 2; Line 36	47
48	Cost of Capital Rate (COCR)	11.5050%	Statement AV; Page 15, Line 31	48
49	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	\$ -	Line 47 x Line 48	49
50	mount of transmission trainer to an action and transmission trainer		Eme 17 it Eme 10	50
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$ -	Sum Lines 45; 49	51
52				52
53	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:			53
54	Incentive Transmission Construction Work In Progress ²	\$ -	Statement BK-1; Page 2; Line 38	54
55	Cost of Capital Rate (COCR)	11.5050%	Statement AV; Page 15, Line 31	55
56	Incentive CWIP Return and Associated Income Taxes	\$ -	Line 54 x Line 55	56
57	T. I			57
58	Total Incentive End of Prior Year Revenues (PYRR _{EU-IR}) Excluding FF&U	\$ -	Sum Lines 42; 51; 56	58
59				59
60	E. Total (PYRR _{EU}) Excluding FF&U ³	\$ 676,005	Sum Lines 33; 58	60

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period.

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2016 (\$1,000)

Line			D. C	Line
No.	A. Transmission Rate Base:	Amounts	Reference	No.
1	A. Transmission Rate Base: Net Transmission Plant:			1
2	Transmission Plant	\$ 3,959,698	Statement BK-1; Page 3; Line 16	2
3	Transmission Related Electric Miscellaneous Intangible Plant	13,463	Statement BK-1; Page 3; Line 17	3
4	Transmission Related Electric Miscerianeous intaligible Flaint Transmission Related General Plant	35,760	Statement BK-1, Page 3, Line 17 Statement BK-1; Page 3; Line 18	4
5	Transmission Related Common Plant	65,669	Statement BK-1; Page 3; Line 19	5
6	Total Net Transmission Plant	\$ 4,074,590	Sum Lines 2 thru 5	6
7	Total Net Transmission Flant	\$ 4,074,390	Sum Lines 2 thru 5	7
8	Rate Base Additions:			8
9	Transmission Plant Held for Future Use	\$ 5.654	Statement AG; Page 4; Line 1	9
10	Transmission Plant Abandoned Project Cost	ψ 3,03 i	Misc. Statement; Page 17, Line 4	10
11	Total Rate Base Additions	\$ 5,654	Sum Lines 9 thru 10	11
12	Total Rate Base Additions	Ψ 3,031	Sum Emes y unu 10	12
13	Rate Base Reductions:			13
14	Transmission Related Accum. Def. Inc. Taxes	\$ (905,037)	Statement AF; Page 3; Line 5	14
15	Transmission Plant Abandoned Accum, Def. Inc. Taxes	_	Statement AF; Page 3; Line 9	15
16	Total Rate Base Reductions	\$ (905,037)	Sum Lines 14 thru 15	16
17				17
18	Working Capital:			18
19	Transmission Related Materials and Supplies	\$ 37,814	Statement AL; Page 9; Line 5	19
20	Transmission Related Prepayments	16,028	Statement AL; Page 9; Line 9	20
21	Transmission Related Cash Working Capital	15,346	Statement AL; Page 9; Line 19	21
22	Total Working Capital	\$ 69,188	Sum Lines 19 thru 21	22
23		<u> </u>		23
24	Other Regulatory Assets/Liabilities	-	Misc. Statement; Page 17, Line 7	24
25		· -		25
26	Total Transmission Rate Base	\$ 3,244,395	Sum Lines 6; 11; 16; 22; 24	26
27		<u> </u>		27
28	B. Incentive ROE Project Transmission Rate Base:			28
29	Net Incentive Transmission Plant ¹	\$ -	Statement BK-1; Page 3; Line 25	29
30	Incentive Transmission Plant Accum. Def. Income Taxes	-	Statement AF; Page 3; Line 7	30
31	Total Incentive ROE Project Transmission Rate Base	\$ -	Sum Lines 29 thru 30	31
32	•	<u></u>		32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:			33
34	Incentive Transmission Plant Abandoned Project Cost	\$ -	Misc. Statement; Page 17, Line 10	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes	-	Statement AF; Page 3; Line 11	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Sum Lines 34 thru 35	36
37				37
38	D. Incentive Transmission Construction Work In Progress ²	\$ -	Statement AM; Page 10; Line 1	38

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

 $^{^{2}\,}$ Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2016 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Plant:	 -		
1	Gross Transmission Plant:			1
2	Transmission Plant	\$ 4,857,202	Statement AD; Page 1, Line 15	2
3	Transmission Related Electric Misc. Intangible Plant	26,074	Statement AD; Page 1, Line 31	3
4	Transmission Related General Plant	58,773	Statement AD; Page 1, Line 33	4
5	Transmission Related Common Plant	131,261	Statement AD; Page 1, Line 35	5
6	Total Gross Transmission Plant	\$ 5,073,310	Sum Lines 2 thru 5	6
7				7
8	Transmission Related Depreciation Reserve:			8
9	Transmission Plant Depreciation Reserve	\$ 897,504	Statement AE; Page 2, Line 1	9
10	Transmission Related Electric Misc. Intangible Plant Amortization Reserve	12,611	Statement AE; Page 2, Line 11	10
11	Transmission Related General Plant Depr Reserve	23,013	Statement AE; Page 2, Line 13	11
12	Transmission Related Common Plant Depr Reserve	65,592	Statement AE; Page 2, Line 15	12
13	Total Transmission Related Depreciation Reserve	\$ 998,720	Sum Lines 9 thru 12	13
14				14
15	Net Transmission Plant:			15
16	Transmission Plant	\$ 3,959,698	Line 2 Minus Line 9	16
17	Transmission Related Electric Miscellaneous Intangible Plant	13,463	Line 3 Minus Line 10	17
18	Transmission Related General Plant	35,760	Line 4 Minus Line 11	18
19	Transmission Related Common Plant	65,669	Line 5 Minus Line 12	19
20	Total Net Transmission Plant	\$ 4,074,590	Sum Lines 16 thru 19	20
21		<u> </u>		21
22	B. Incentive Project Transmission Plant:			22
23	Incentive Transmission Plant ¹	\$ -	Statement AD; Page 1, Line 17	23
24	Incentive Transmission Plant Depreciation Reserve ¹	-	Statement AE; Page 2, Line 19	24
25	Total Net Incentive Transmission Plant	\$ -	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2017 - December 31, 2018 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS	·		
1	A. Derivation of Annual Fix Charge Rate (AFCR FU) Applicable to			1
2	Weighted Forecast Plant Additions:			2
3	PYRR _{EU} Excluding Franchise Fees and Uncollectible	\$ 676,0	O5 Statement BK-1; Page 1; Line 33	3
4	50% of Transmission O&M Expense	(36,6	25) Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(24,7	58) Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(2,3	33) Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	2	65 Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU) Excluding FF&U	\$ 612,5	54 Sum Lines 3 thru 11	12
13				13
14	Gross Transmission Plant	\$ 5,073,3	Statement BK-1; Page 3, Line 6	14
15		<u> </u>		15
16	Annual Fix Charge Rate (AFCR _{EU})	12.074	1% Line 12 / Line 14	16
17				17
18	Weighted Forecast Plant Additions	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 5, Col. (f)	18
19		-		19
20	Forecast Period Capital Addition Revenue Requirements	\$ -	Line 16 x Line 18	20

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2017 - December 31, 2018 (\$1,000)

Line No.		Amounts	Reference	Line No.
110.	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE	Amounts	Reference	110.
	CAPITAL PROJECTS			
1	A. Derivation of Annual Fix Charge Rate (AFCR EULIR ROE) Applicable to			1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):			2
3	PYRR FILIBROE Excluding Franchise Fees and Uncollectible	\$ 676,005	Statement BK-1; Page 1; Line 33 + Line 42	3
4	50% of Transmission O&M Expense	(36,625)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(24,758)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$ 612,554	Sum Lines 3 thru 11	12
13				13
14	Gross Transmission Plant & Incentive Transmission Plant	\$ 5,073,310	Statement BK-1; Page 3, Line 6 + Line 23	14
15				15
16	Incentive Annual Fix Charge Rate (AFCR EU-IR-ROE)	12.0741%	Line 12 / Line 14	16
17				17
18	Incentive Weighted Forecast Plant Additions	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln	18
			8; Col. (f)	
19				19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC EU-IR-ROE)	\$ -	Line 16 x Line 18	20
21		<u></u>		21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:			22
23	1. For the Period After the Base Period and Before the Rate Effective Period:			23
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln	24
			10; Col. (f)	
25	0 - 40 510 -			25
26	Cost of Capital Rate (COCR)	11.5050%	Statement AV; Page 15, Line 31	26
27				27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	5 -	Line 24 x Line 26	28
29 30	A. F., al., D. C. ID. C. al., D. a. Eff. at., D. C. E.			29 30
31	2. For the Period During the Rate Effective Period: Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln	31
31	incentive weighted Forecast Transmission Construction work in Progress	\$ -	12; Col. (f)	31
32			12, Col. (1)	32
33	Cost of Capital Rate (COCR)	11.5050%	Statement AV; Page 15, Line 31	33
33 34	Cost of Capital Nate (COCR)	11.3030%	Statement Av, rage 13, Line 31	33 34
34 35	Incentive Transmission Forecast CWIP Projects Revenue Requirements	•	Line 31 x Line 33	34 35
36	meentive Transmission Polecast C wir Projects Revenue Requirements	<u></u> э -	Line 31 x Line 33	36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Sum Lines 28; 35	37

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Base Transmission Revenue Requirements (BTRR _{EU}) For the Rate Effective Period January 1, 2018 - December 31, 2018 (\$1,000)

Line No.		A	Amounts	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR _{EU}):				1
2	A Did out out out of the Francisco Transmission Nevende Requirement (DIRITE)				2
3	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$	676,005	Statement BK-1; Page 1; Line 33	3
4	(10)		,	, , ,	4
5	Incentive End of Prior Year Revenues (PYRR ELL-IR) Excluding FF&U		_	Statement BK-1; Page 1; Line 58	5
6	2010			, ,	6
7	Sub-Total Base Period Revenues	\$	676,005	Sum Lines 3 thru 5	7
8					8
9	Retail True-Up Period Adjustment	\$	-	(Retail TU Adj; Total Col; Line 29) / 1,000	9
10					10
11	Retail Interest True-Up Adjustment			(Retail Int TU-1 + Retail Int TU-2; Ttl Col; Ln 18)/1,000	11
12		·			12
13	Sub-Total True-Up Adjustments	\$		Sum Lines 9 thru 11	13
14	D. A 1E' - 1Cl A . P. 11. 4. C '4.1D' . 4.				14
15 16	B. Annual Fixed Charges Applicable to Capital Projects:				15 16
17	Forecast Period Capital Addition Revenue Requirements	\$	_	Statement BK-1; Page 4, Line 20	17
18	Torondo Terrod Capital Addition revenue requirements	Ψ		Statement Bit 1, 1 age 1, Eme 20	18
19	C. Annual Fixed Charges Applicable to Incentive Capital Projects:				19
20					20
21	Forecast Period Incentive Capital Additions Revenue Requirements (FC EU-IR-ROE)	\$	-	Statement BK-1; Page 5, Line 20	21
22					22
23	D. Incentive Forecast Transmission CWIP Revenues:				23
24		_			24
25	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	Statement BK-1; Page 5, Line 37	25
26	E Coldadal DTDD - Englading EE C II.	\$	676.005	S I : 7, 12, 17, 21, 25	26 27
27 28	E. Subtotal BTRR FU Excluding FF&U:	3	676,005	Sum Lines 7; 13; 17; 21; 25	28
29	Transmission Related Municipal Franchise Fees Expenses		6,947	Line 27 x 1.0277%	29
30	Transmission Related Uncollectible Expense		1,176	Line 27 x 0.174%	30
31	1		,,,,,		31
32	F. Total Retail BTRR FU With FF&U	\$	684,128	Sum Lines 27 thru 30	32

¹ This amount represents the Interest True-Up Adjustment on the previous cycle True-Up Adjustment under-collection/(over-collection) balance.

Statement AF - Workpapers Deferred Credits Base Period & True-Up Period 12 - Months Ending December 31, 2016 (\$1,000)

Line No	(a) (b) 31-Dec-15 31-Dec-16	(c) = [(a)+(b)]/2 Average Balance	Reference	Line No
1 Transmission Related ADIT- Excluding Bonus Depreciation	\$ (302,922) \$ (169,59)	\$ (236,258)	Stmt AF WP; Page AF-1; Line 1	1
Transmission Related ADIT from Bonus Depreciation	(240,706) v (474,14	6) √ (357,426) √	Stmt AF WP; Page AF-1; Line 3	3
5 Total Transmission Related ADIT	\$ (543,628) V \$ (643,74	0) v \$ (593,684) v	Sum of Lines 1 thru 3	5
6 7			Form 1; Pg. 450.1; Sch. Pgs. 274 and 234; Ln 2; Cols. b,c and k	6 7
8 Incentive Transmission Plant ADIT	\$ -	\$ -	Stmt AF WP; Page AF-2; Line 1	8
9 10 Transmission Plant Abandoned ADIT	\$ -	\$ -	Stmt AF WP; Page AF-2; Line 4	9 10
11 12 Incentive Transmission Plant Abandoned Project Cost ADIT	\$ -	\$ -	Stmt AF WP; Page AF-2; Line 7	11 12

 $[\]lor$ Items that are in bold have changed compared to the original TO4 Cycle 5 filing per ER18-358.

Statement AV - Workpapers

Cost of Capital and Fair Rate of Return Base Period & True-Up Period 12 - Months Ending December 31, 2016 (\$1,000)

Line No.	_	Amounts	Reference	Line No.				
1 2	Long-Term Debt Component - Denominator: (Plus) Bonds (Acct. 221) (p112.Line18c)	\$ 4,348,934	Form 1; Page 112; Line 18c	1 2				
3	(Less) Reacquired Bonds (Acct. 222) (p112.Line19c)	-	Form 1; Page 112; Line 19c	3				
4	(Plus) Other Long-Term Debt (Acct. 224) (p112.Line21c)	-	Form 1; Page 112; Line 21c	4				
5	(Plus) Unamortized Premium on Long-Term Debt (Acct 225) (p112.Line22c)	-	Form 1; Page 112; Line 22c	5				
6	(Less) Unamortized Discount on Long-Term Debt-Debit (Acct 226) (p112.Line23c)	10,661	Form 1; Page 112; Line 23c	6				
7	LTD = Long Term Debt (p112, sum of Line17d thru Line22d, details on p256-257)	\$ 4,338,273	Line 2 Minus Line 3 Plus Lines 4 & 5 Minus Line 6	7				
8	I T Disc. N			8				
9 10	<u>Long-Term Debt Component - Numerator:</u> (Plus) Interest on Long-Term Debt (427) (p117.Line62c)	¢ 176 227	Farm 1. Daga 117. Lina 62a	9 10				
11	(Plus) Amort. of Debt Disc. and Expense (428) (p117.Line63c)	\$ 176,237 3,332	Form 1; Page 117; Line 62c Form 1; Page 117; Line 63c	11				
12	(Plus) Amortization of Loss on Reacquired Debt (428.1) (p117.Line64c)	3,264	Form 1; Page 117; Line 64c	12				
13	(Less) Amort. of Premium on Debt-Credit (429) (p117.Line65c)	3,204	Form 1; Page 117; Line 65c	13				
14	(Less) Amortization of Gain on Reacquired Debt-Credit (429.1) (p117.Line66c)		Form 1; Page 117; Line 66c	14				
15	i = LTD interest (p117, sum of Line56c thru Line60c, details on p257))	\$ 182,833	Sum Lines 10; 11; 12 Minus Lines 13 & 14	15				
16	1 ETD interest (p117, sum of Emesor and Emesor, details on p257))	Ψ 102,033	Sum Emes 10, 11, 12 winds Emes 15 & 14	16				
17	Cost of Long-Term Debt:	4.21% Line 15 / Line 7						
18	Cost of Long-Term Deot.	7.2170	Eme 13 / Eme /	17 18				
19	Preferred Equity Component:			19				
20	PF = Preferred Stock - Acct 204 (p112.3c)	\$ -	Form 1; Page 112; Line 3c	20				
21	d(pf) = Total Dividends Declared-Preferred Stocks (Acct. 437) (p118.29c)	\$ -	Form 1; Page 112; Line 3c	21				
22	Cost of Preferred Equity	0.00%	Line 21 / Line 20	22				
23	Cost of Federica Equity	0.0070	Ellie 217 Ellie 20	23				
24	Common Equity Component:			24				
25	Proprietary Capital (p112.16c)	\$ 5,640,460	Form 1; Page 112; Line 16c	25				
26	(Less) Preferred Stock - Acet 204 (p112.3c)	\$ 3,040,400	Form 1; Page 112; Line 3c	26				
27	(Less) Unappropriated Undistributed Subsidiary Earnings (Acct. 216.1) (p112.12c)		Form 1; Page 112; Line 12c	27				
28	(Less) Accumulated Other Comprehensive Income (Acct. 219) (p112.12c)	(7,479)	Form 1; Page 112; Line 15c	28				
29	CS = Common Stock	\$ 5,647,939	Line 25 Minus Lines 26, 27 & 28	29				
30		+		30				
			Offer of Settlement in FERC Docket No. ER13-941-					
31	Return on Common Equity:	10.05%	001	31				
32	(a) (b) (c)	(d) = (b) x (c)		32				
33	Cap. Struct. Cost of	Weighted		33				
34	Weighted Cost of Capital: Amount 1 Ratio Capital	Cost of Capital		34				
35				35				
36	Long-Term Debt \$ 4,338,273 43.44% 4.21%	1.83%	Col. C = Line 17 Above	36				
37	Preferred Equity - 0.00% 0.00%	0.00%	Col. $C = Line 22$ Above	37				
38	Common Equity 5,647,939 56.56% 10.05%	5.68%	Col. $C = Line 31 Above$	38				
39	Total Capital \$ 9,986,212 100.00%	7.51%	Sum Lines 36 thru 38	39				
40				40				
41	Cost of Equity Component (Preferred & Common):	5.68%	Sum Lines 37; 38; Col. (d)	41				
42				42				
43				43				
44	Incentive Return on Common Equity: ²	0.00%	Stmt AV WP; Page AV-1; Line 1	44				
45	(a) (b) (c)	(d) = (b) x (c)	, ,	45				
46	Cap. Struct. Cost of	Weighted		46				
47	Weighted Cost of Capital: Amount ¹ Ratio Capital	Cost of Capital		47				
48	reigned cost of Cupital.	Cost of Capital		48				
49	Long-Term Debt \$ 4,338,273 43.44% 4.21%	1.83%	Col. C = Line 17 Above	49				
50	Preferred Equity - 0.00%	0.00%	Col. C = Line 22 Above	50				
51	Common Equity 5,647,939 56.56% 0.00%	0.00%	Col. C = Line 44 Above	51				
52	Total Capital \$ 9,986,212 100.00%	1.83%	Sum Lines 49 thru 51	52				
53	<u> </u>			53				
54	Incentive Cost of Equity Component (Preferred & Common):	0.00%	Sum Lines 50; 51; Col. (d)	54				

Amount is based upon December 31 balances.

The Incentive Return on Common Equity will be tracked and shown separately for each project. As a result, lines 44 through 54 will be repeated for each project.

Statement AV

Cost of Capital and Fair Rate of Return Base Period & True-Up Period 12 - Months Ending December 31, 2016

(\$1,000)

Line				Line
No.	_	Amounts	Reference	No.
1	Cost of Capital Rate (COCR) Calculation:			1
2				2
3	a. Federal Income Tax Component:			3
4	*			4
5	Where:			5
6	A = Sum of Preferred Stock and Return on Equity Component	5.68%	Stmt AV WP; Page AV1; Line 41	6
7	B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab.	\$ 265	Statement AR; Page 1; Line 5	7
8	C = Equity AFUDC Component of Transmission Depreciation Expense	\$ 4,857	Stmt AV WP; Page AV-1; Line 4	8
9	D = Transmission Rate Base	\$ 3,555,748 V	Statement BK1; Page 2; Line 26	9
10	FT = Federal Income Tax Rate @ 35%	35.00%	Federal Income Tax Rate	10
11				11
12	Federal Income Tax = $(((A) + (C / D)) * FT) - (B / D)$	3.1205% √	Federal Income Tax Expense	12
13	(1 - FT)			13
14				14
15	B. State Income Tax Component:			15
16				16
17	Where:			17
18	A = Sum of Preferred Stock and Return on Equity Component	5.68%	Stmt AV WP; Page AV1; Line 41	18
19	B = Equity AFUDC Component of Transmission Depreciation Expense	\$ 4,857	Line 8 Above	19
20	C = Transmission Rate Base	\$ 3,555,748 ∨	Statement BK1; Page 2; Line 26	20
21	FT = Federal Income Tax Expense	3.1205% √	Line 12 Above	21
22	ST = State Income Tax Rate @ 8.84%	8.84%	State Income Tax Rate	22
23				23
24	State Income Tax = $((A) + (B/C) + Federal Income Tax)*(ST)$	0.8667% √	State Income Tax Expense	24
25	(1 - ST)			25
26				26
27	C. Total Federal & State Income Tax Rate:	3.9872% √	Sum Lines 12; 24	27
28				28
29	D. Total Weighted Cost of Capital:	7.5100%	Stmt AV WP; Page AV1; Line 39	29
30				30
31	E. Cost of Capital Rate (COCR):	11.4972% √	Sum Lines 27; 29	31

 $[\]lor$ Items that are in bold have changed compared to the original TO4 Cycle 5 filing per ER18-358.

Statement AV

Cost of Capital and Fair Rate of Return

Base Period & True-Up Period 12 - Months Ending December 31, 2016 (\$1,000)

Line Line No. Reference No. 1 Incentive Cost of Capital Rate (ICOCR) Calculation: 1 1 2 2 a. Federal Income Tax Component: 3 3 4 4 5 Where: 5 0.00% A = Sum of Preferred Stock and Return on Equity Component Stmt AV WP; Page AV1; Line 54 6 6 7 B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab. 0 Shall be Zero for Incentive ROE Projects 7 Stmt AV WP; Page AV-1; Line 7 8 C = Equity AFUDC Component of Transmission Depreciation Expense 8 9 D = Incentive ROE Project Transmission Rate Base Statement BK1; Page 2; Line 31 9 35% Stmt AV WP; Page AV2; Line 10 10 10 FT = Federal Income Tax Rate @ 35% 11 11 Federal Income Tax = (((A) + (C/D)) * FT) - (B/D)#DIV/0! Federal Income Tax Expense 12 12 13 (1 - FT)13 14 14 15 B. State Income Tax Component: 15 16 16 17 Where: 17 A = Sum of Preferred Stock and Return on Equity Component 0.00% Stmt AV WP; Page AV1; Line 54 18 18 19 B = Equity AFUDC Component of Transmission Depreciation Expense Line 8 Above 19 20 C = Incentive ROE Project Transmission Rate Base \$ Line 9 Above 20 FT = Federal Income Tax Expense #DIV/0! Line 12 Above 2.1 2.1 22 ST = State Income Tax Rate @ 8.84% 8.84% Stmt AV WP; Page AV2; Line 22 22 23 23 State Income Tax Expense 24 State Income Tax = ((A) + (B/C) + Federal Income Tax)*(ST)#DIV/0! 24 25 25 (1 - ST)26 26 27 C. Total Federal & State Income Tax Rate: #DIV/0! Sum Lines 12; 24 27 28 28 29 1.8300% Stmt AV WP; Page AV1; Line 52 29 D. Total Incentive Weighted Cost of Capital: 30 30 E. Incentive Cost of Capital Rate (ICOCR): #DIV/0! 1 31 31 Sum Lines 27; 29

The Incentive Cost of Capital Rate Calculation will be tracked and shown separately for each project. As a result, lines 3 through 31 will be repeated for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

TO4 Cycle 5 ADIT Adjustment

San Diego Gas & Electric	Plus Accrued Interest Expense (Jan 2016 - Dec 2018)
ADIT Error Correction	(\$1,000)

Line	ન ન							2	2016					
No.	Description	Reference	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16		Oct-16	No
- 0	Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	· · ·	3 2,952	\$ 5,477 \$	\$ 8,391 \$	\$ 11,039	\$ 13,667 \$	\$ 16,501 \$	\$ 19,407 \$		23,229 \$	26,767 \$	
3 6	Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period ¹	See Footnote 1	8.29%	7.07%	8.15%	7.37%	7.29%	7.86%	8.02%	10.57%		9.75%	9.51%	
4 &	Retail BTRR Excluding FF&U Difference Associated with the ADIT Error Correction ²	Line 3 x Line 5, Total' Column	\$ 2,948	\$ 2,514	\$ 2,895	\$ 2,621	\$ 2,592	\$ 2,792	\$ 2,852	\$ 3,758	s	3,466 \$	3,381 \$	
9														
r & 0	Interest Expense Calculation: " Beginning Balance for Interest Calculation	Beginning Quarterly Balances	-		·	\$ 8,391	\$ 8,391	\$ 8,391	\$ 16,501	\$ 16,501	⇔	16,501	26,767 \$	
01:	Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis	1,474	4,205	606'9	1,310	3,917	609'9	1,426	4,731		8,343	1,690	
12	11 Basis for Interest Expense Calculation	Line 8 + Line 10	1,474	4,205	6,909	9,701	12,308	15,000	17,927	21,232	24,844	44	28,457	
4 7	Monthly Interest Rate 4	FERC Monthly Rates	0.28000%	0.26000%	0.28000%	0.28000%	0.29000%	0.28000%	0.30000%	0.30000%	% 0.29000%		0.30000%	0.7
16	Interest Expense	Line 12 x Line 14	8 4	s 11	\$ 19	\$ 27	\$ 36	\$ 42	\$ 54	\$ 64	s	72 \$	82	
18	117 18 Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	\$ 2,952 \$	5,477	\$ 8,391	\$ 11,039	\$ 13,667	\$ 16,501	\$ 19,407	\$ 23,229	3 26,767	\$ 292	30,233 \$	
15														

34,438

0.30000%

36,152

92 \$ 33,183 \$

26,767

26,767 4,810 31,577 0.29000%

7,671

30,233 \$ 33,183

Nov-16

8.06%

8.04%

2,866

2,857

due to the error correction are based upon the ratio of the monthly true-up cost of service Percentages developed to appropriate the monthly amounts of the Retail BTRR amount revenues with the total annual cost of service revenues.

Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

Interest expense calculation is predicated based on the methodology prescribed under Trite 18 of the Code of Federal Regulations, Section 35,19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

4 Interest rates are based on the actual rates posted on the FERC website.

TO4 Cycle 5 ADIT Adjustment

San Diego Gas & Electric ADIT Error Correction Plus Accrued Interest Expense (Jan 2016 - Dec 2018) (\$1,000)

Reginning Balance (Overcollection) Undercollect Previous Month's Balance Jan.17 Apr-17 Apr-17 Aug-17 Jul.17 Jul.17 Jul.17 Aug-17 Jul.17 Jul.17 Jul.17 Aug-17 Jul.17 Jul.17 Jul.17 Aug-17 Aug-17 Jul.17 Jul.17 Aug-17 Sep-17 Oct-17 Nov-17 Doc Ratio of Revised Trac-up Cost of Service Revenues / Total See Footnote 1 0.00% <t< th=""><th>Line</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>2017</th><th>7</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	Line										2017	7								
Reginning Balance (Overcollection) Undercollection) Previous Month's Balance 8 36,122 8 36,206 8 36,466 8 36,578 8 36,678	÷	Description	Reference	Jan-17		Feb-17	Mar-17	Apr-17	M	ıy-17	Jun-17	Jul-17	ВпV	-17	Sep-17	Oct-17		Nov-17	Dec	.17
Ratio of Revised Troe-up Cost of Service Revenues / Total See Footnote 1 0.00% </th <th></th> <th>Beginning Balance (Overcollection)/Undercollection</th> <th>Previous Month's Balance</th> <th></th> <th>_</th> <th>36,260</th> <th>\$ 36,358</th> <th>\$ 36,46</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>s</th> <th></th> <th>37,306</th> <th></th> <th>37,436</th>		Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance		_	36,260	\$ 36,358	\$ 36,46								s		37,306		37,436
Retail BTRRE Excluding FR&U Difference Associated with the ADIT Error Correction 1. Line 3 x Line 5, Total Column S - S		Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period ¹	See Footnote 1	.0	%00:	0.00%	%00.0		%	0.00%	0.00%	%00:0		0.00%	0.00%		%00	0.00%		0.00%
Interest Expense Calculation: 3 Beginning Quarterly Balances S 36,152 S 36,466	4 %	Retail BTRR Excluding FF&U Difference Associated with the ADIT Error Correction ²	Line 3 x Line 5, 'Total' Column	s	s	1	· s	· ·	s	-	1	- \$	s	· ·	,	s	s	i	s	1
Monthly Activity Included in Interest Calculation Basis Interest Calculation Basis 36,152 36,152 36,466 <th></th> <td>Interest Expense Calculation: ³ Beginning Balance for Interest Calculation</td> <td>Beginning Quarterly Balances</td> <td></td> <td></td> <td></td> <td></td> <td>€9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>37,172</td> <td></td> <td>37,172</td>		Interest Expense Calculation: ³ Beginning Balance for Interest Calculation	Beginning Quarterly Balances					€9										37,172		37,172
Basis For Interest Expense Calculation Line 8 + Line 10 36,152 36,152 36,466	- 0	Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis		0	0	0		0	0	0	0		0	0		0	0		0
Monthly Interest Rate 4 FERC Monthly Rates Line 12x Line 14 Line 11x Line 14 Line 5 + Line 16 S 36,260 S 36,360 S 36,600 S 36,360 S 36,360 S 36,500 S 36,800 S 36	- 2 "	Basis for Interest Expense Calculation	Line 8 + Line 10	36,	152	36,152	36,152		9	36,466	36,466	36,801	61	108'9!	36,801	37,1	172	37,172	60	37,172
Interest Expense Line 1 Line 1 Line 5 Line 16 S 108 S 109 S 117 S 109 S 117 S 109 S 117 S 125 S 125 S 121 S 134 S 130 S Ending Balance (Overcollection) Line 1 Line 5 + Line 5 S 36,369 S 36,690 S 36,690 S 36,690 S 36,705 S 37,172 S 37,436 S </td <th>· + 1</th> <td>Monthly Interest Rate 4</td> <td>FERC Monthly Rates</td> <td>0.3000</td> <td>%00%</td> <td>0.27000%</td> <td>0.30000%</td> <td></td> <td></td> <td>32000%</td> <td>0.30000%</td> <td>0.34000%</td> <td>0.3</td> <td>4000%</td> <td>0.33000%</td> <td></td> <td>%00</td> <td>0.35000%</td> <td>0.3</td> <td>%000%</td>	· + 1	Monthly Interest Rate 4	FERC Monthly Rates	0.3000	%00%	0.27000%	0.30000%			32000%	0.30000%	0.34000%	0.3	4000%	0.33000%		%00	0.35000%	0.3	%000%
Ending Balance (Overcollection) / Undercollection Line 1 + Line 5 + Line 16 S 36,356 S 36,369 S 36,692 S 36,891 S 36,926 S 37,051 S 37,172 S 37,306 S 37,436	1 2/ 0	Interest Expense	Line 12 x Line 14		108	3 86	s 108	s	s 6				€9			s		130	S	134
	18	Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16			36,358	\$ 36,466	S	_		36,801					s		37,436		37,570

due to the error correction are based upon the ratio of the monthly true-up cost of service NOTES:
Percentages developed to appropriate the monthly amounts of the Retail BTRR amount

Percentages developed to appropriate the monthly amount of services. revenues with the total annual cost of service revenues.

Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

Interest expense calculation is predicated based on the methodology prescribed under Trite 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

⁴ Interest rates are based on the actual rates posted on the FERC website.

San Diego Gas & Electric ADIT Error Correction Plus Accrued Interest Expense (Jan 2016 - Dec 2018) (\$1,000)

Line	No.		7 K	4 %	9	r & 0	, 01	2 2 2	4	15		19
2018	Total	•	100.00%	35,543						3,788	39,331	
		ss		S						s	s	
	Dec-18	39,168	0.00%			38,846	0	38,846	0.42000%	163	39,331	
	Nov-18	39,009	%00.0			38,846 \$	0	38,846	0.41000%	159 \$	39,168	
	Ž	€9	.0	S		€9				9	S	
	Oct-18	38,846	0.00%			38,846	0	38,846	0.42000%	163	39,009	
	Sep-18	38,696	%00.0	1		38,388	0	38,388	0.39000%	150 \$	38,846 \$	
	S	S		S		€9				S	s	
	Aug-18	38,542	0.00%			38,388	0	38,388	0.40000%	154	38,696	
	Jul-18	38,388 \$	0.00%	1		38,388	0	38,388	0.40000%	154 \$	38,542 \$	
2018		e9	%	S		*	0	-		8	s	
,	Jun-18	\$ 38,248	%000	s		\$ 37,964		37,964	0.37000%	S 140	\$ 38,388	
	8	38,104	0.00%			37,964	0	37,964	0.38000%	44	38,248	
	May-18	\$ 38		S		€9		37		s	\$ 38	
	Apr-18	37,964	0.00%	1		37,964	0	37,964	0.37000%	140	38,104	
	~	829 8	%00:0	S		37,570 \$	0	2.20	%00	135 \$	964	
	Mar-18	\$ 37,829	0.0	s		\$ 37,5		37,570	0.36000%	Se	\$ 37,964	
	Feb-18	37,705	0.00%	ı		37,570	0	37,570	0.33000%	124	37,829	
		37,570 \$	%	S		37,570 \$	0	0	%	135 \$	37,705 \$	
	Jan-18	37,57	0.00%	'		37,57		37,570	0.36000%	13	37,70	
	J	S		S		€9				S	S	
	Reference	Previous Month's Balance	See Footnote	Line 3 x Line 5, 'Total' Column		Beginning Quarterly Balances	Interest Calculation Basis	Line 8 + Line 10	FERC Monthly Rates	Line 12 x Line 14	Line 1 + Line 5 + Line 16	
	Description	Beginning Balance (Overcollection)/Undercollection	Ratio of Revised True-up Cost of Service Revenues / Total True-up Cost of Service Revenues for the TU Period	Retail BTRR Excluding FF&U Difference Associated	With the ADLI Efror Correction	Interest Expense Calculation: ³ Beginning Balance for Interest Calculation	7 10 Monthly Activity Included in Interest Calculation Basis	11 Basis for Interest Expense Calculation	Monthly Interest Rate 4	115 Interest Expense	11) 18 Ending Balance (Overcollection)/Undercollection	
	J	. <u>5</u> 0	ati,	= = :	E	ig.	on	asi	lo.	ŧ	Ē	

NOTES:

Percentages developed to appropriate the monthly amounts of the Retail BTRR amount due to the error correction are based upon the ratio of the monthly true-up cost of service revenues with the total annual cost of service revenues.

² Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 27.

Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

4 Interest rates are based on the actual rates posted on the FERC website.

San Diego Gas & Electric Company

TO4 Cycle 5 BTRR Adjustment Associated with the Reduction in the Federal Income Tax Rate ¹ For the Rate Effective Period January 1, 2019 - December 31, 2019 (\$1,000)

Line	<u>Description</u>	A	<u>Amounts</u>	Reference	Line
No.					No.
1	TO4 Cycle 5 BTRR Adjustment Associated with Reduction in FIT Rate:				1
2	Total BTRR Adjustment - Before Interest	\$	(52,368)	Page 2.6; Line 37	2
3					3
4	Interest Expense		(1,014)	Page 6.1; Line 16	4
5			<u> </u>		5
6	Total BTRR Adjustment Excluding FF&U		(53,382)	Line 2 + Line 4	6
7					7
8	Transmission Related Municipal Franchise Fees Expenses		(549)	Line 6 x 1.0277%	8
9			<u> </u>		9
10	Subtotal BTRR Adjustment Including Franchise Fees Expenses		(53,931)	Line 6 + Line 8	10
11					11
12	Transmission Related Uncollectible Expense		(93)	Line 6 x 0.174%	12
13			<u> </u>		13
14	Total Retail BTRR Adjustment Including FF&U	\$	(54,024)	Line 10 + Line 12	14

Derivation of the BTRR Adjustment associated with SDG&E's answer to FERC Show Cause Order dated March 15, 2018 in docket number EL18-62-000 resulting from the Tax Cuts and Jobs Act passed by Congress.

Line No.		C: In F	A evised TO4 5 (For Fed acome Tax Rate Adj) Amounts	C5 I	B Filed TO4 TU - Period ER18-358 Amounts	Di	= A - B fference er (Decr)	Reference	Line No.
1 2	A. Revenues: Transmission Operation & Maintenance Expense	\$	73,249	\$	73,249	\$	-	Page 3.1 and Page 4.1, Line 2	1 2
3	Transmission Related A&G Expense		49,516		49,516		-	Page 3.1 and Page 4.1, Line 4	3
5 6	CPUC Intervenor Funding Expense							Page 3.1 and Page 4.1, Line 6	5 6
7 8 9	Total O&M Expenses	\$	122,765	\$	122,765	\$	-	Sum Lines 2 thru 6	7 8 9
10 11	Transmission, Intangible, General and Common Depr. & Amort. Expense		142,827		142,827		-	Page 3.1 and Page 4.1, Line 10	10 11
12 13	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.1 and Page 4.1, Line 12	12 13
14 15	Transmission Plant Abandoned Project Cost Amortization Expense		-		-		-	Page 3.1 and Page 4.1, Line 14	14 15
16 17	Transmission Related Property Taxes Expense		38,137		38,137		-	Page 3.1 and Page 4.1, Line 16	16 17
18 19	Transmission Related Payroll Taxes Expense		2,458		2,458			Page 3.1 and Page 4.1, Line 18	18 19
20 21	Sub-Total Expense	\$	306,187	\$	306,187	\$		Sum Lines 8 thru 18	20 21
22	Cost of Capital Rate (COCR)		9.7639% √		11.5050%	-	1.7411%	Page 3.1 and Page 4.1, Line 22	22
23	Transmission Rate Base	\$	3,244,395	\$	3,244,395	\$	-	Page 3.1 and Page 4.1, Line 23	23
24 25	Return and Associated Income Taxes	\$	316,780 V	\$	373,268	\$	(56,488)	Line 22 x Line 23	24 25
26	South Georgia Income Tax Adjustment	\$	2,333	\$	2,333	\$	_	Page 3.1 and Page 4.1, Line 26	26
27	Transmission Related Amortization of ITC	-	(265)	-	(265)	-	_	Page 3.1 and Page 4.1, Line 27	27
28	Transmission Related Amortization of Excess Deferred Tax Liabilities		-		-		_	Page 3.1 and Page 4.1, Line 28	28
29	Transmission Related Revenue Credits		(5,518)		(5,518)		_	Page 3.1 and Page 4.1, Line 29	29
30	Transmission Related Regulatory Debits		-		- 1		-	Page 3.1 and Page 4.1, Line 30	30
31	(Gains)/Losses from Sale of Plant Held for Future Use		-		-			Page 3.1 and Page 4.1, Line 31	31
32									32
33	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$	619,517 V	\$	676,005	\$	(56,488)	Line 20 + Sum Lines (24 thru 31)	33
34									34
35	B. Incentive ROE Project Transmission Revenue:								35
36	Incentive Transmission Plant Depreciation Expense	\$		_\$		\$		Page 3.1 and Page 4.1, Line 36	36
37	T			ı					37
38	Incentive Cost of Capital Rate (ICOCR)	_	0.0000% 4		0.0000%		0.0000%	Page 3.1 and Page 4.1, Line 38	38
39	Total Incentive ROE Project Transmission Rate Base	\$		\$		\$		Page 3.1 and Page 4.1, Line 39	39
40	Incentive ROE Project Return and Associated Income Taxes	\$		\$		\$		Line 38 x Line 39	40
41 42	Total Incentive POE Project Transmission Revenue	\$		\$		\$		Sum Lines 36; 40	41 42
43	Total Incentive ROE Project Transmission Revenue	Ф		Ф		Ф		Sum Lines 30, 40	43
44	C. Incentive Transmission Plant Abandoned Project Revenue:								44
45	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$	-	\$	_	\$	_	Page 3.1 and Page 4.1, Line 45	45
46									46
47	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$	-	\$	-	\$	-	Page 3.1 and Page 4.1, Line 47	47
48	Cost of Capital Rate (COCR)		9.7639% √		11.5050%	_	1.7411%	Page 3.1 and Page 4.1, Line 48	48
49	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	s \$	-	\$	-	\$	-	Line 47 x Line 48	49
50	·								50
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$	-	\$	-	\$	-	Sum Lines 45; 49	51
52	·								52
53	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:								53
54	Incentive Transmission Construction Work In Progress ²	\$	-	\$	-	\$	-	Page 3.1 and Page 4.1, Line 54	54
55	Cost of Capital Rate (COCR)		9.7639% √		11.5050%		1.7411%	Page 3.1 and Page 4.1, Line 55	55
56	Incentive CWIP Return and Associated Income Taxes	\$	-	\$	-	\$		Line 54 x Line 55	56
57									57
58	Total Incentive End of Prior Year Revenues (PYRR _{EU-IR}) Excluding FF&U	\$		\$		\$	-	Sum Lines 42; 51; 56	58
59 60	E. Total (PYRR EU) Excluding FF&U ³	\$	619,517 √	•	676,005	•	(56,488)	Sum Lines 33; 58	59 60
00		Φ	01/,01/ V	Ψ	070,003	Φ	(30,100)	Dain Lines 33, 30	30

v Items that are in bold have changed compared to the revised TO4 Cycle 5 filing per ER18-358 on the Federal Income Tax Rate.

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 4 months ending December 31, 2013

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Line No.		C: In	A evised TO4 5 (For Fed acome Tax Rate Adj) Amounts	C5 I	B Filed TO4 TU - Period ER18-358 Amounts	Diff	e A - B	Reference	Line No.
	A. Transmission Rate Base								
1	Net Transmission Plant:								1
2	Transmission Plant	\$	3,959,698	\$	3,959,698	\$	-	Page 3.2 and Page 4.2, Line 2	2
3	Transmission Related Electric Miscellaneous Intangible Plant		13,463		13,463		-	Page 3.2 and Page 4.2, Line 3	3
4	Transmission Related General Plant		35,760		35,760		-	Page 3.2 and Page 4.2, Line 4	4
5	Transmission Related Common Plant		65,669		65,669			Page 3.2 and Page 4.2, Line 5	5
6 7	Total Net Transmission Plant	\$	4,074,590	\$	4,074,590	\$		Sum Lines 2 thru 5	6 7
8	Rate Base Additions:								8
9	Transmission Plant Held for Future Use	\$	5,654	\$	5,654	\$	-	Page 3.2 and Page 4.2, Line 9	9
10	Transmission Plant Abandoned Project Cost		-		-		-	Page 3.2 and Page 4.2, Line 10	10
11	Total Rate Base Additions	\$	5,654	\$	5,654	\$	-	Sum Lines 9 thru 10	11
12									12
13	Rate Base Reductions:								13
14	Transmission Related Accum. Def. Inc. Taxes	\$	(905,037)	\$	(905,037)	\$	-	Page 3.2 and Page 4.2, Line 14	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes		-		-		-	Page 3.2 and Page 4.2, Line 15	15
16	Total Rate Base Reductions	\$	(905,037)	\$	(905,037)	\$	-	Sum Lines 14 thru 15	16
17					<u>.</u>	,			17
18	Working Capital:								18
19	Transmission Related Material and Supplies	\$	37,814	\$	37,814	\$	-	Page 3.2 and Page 4.2, Line 19	19
20	Transmission Related Prepayments		16,028		16,028		-	Page 3.2 and Page 4.2, Line 20	20
21	Transmission Related Cash Working Capital		15,346		15,346			Page 3.2 and Page 4.2, Line 21	21
22	Total Working Capital	\$	69,188	\$	69,188	\$	-	Sum Lines 19 thru 21	22
23									23
24	Other Regulatory Assets/Liabilities	\$	-	\$	-	\$	-	Page 3.2 and Page 4.2, Line 24	24
25					<u>.</u>	,			25
26	Total Transmission Rate Base	\$	3,244,395	\$	3,244,395	\$		Sum Lines 6; 11; 16; 22; 24	26
27									27
28	B. Incentive ROE Project Transmission Rate Base:								28
29	Net Incentive Transmission Plant ¹	\$	-	\$	-	\$	-	Page 3.2 and Page 4.2, Line 29	29
30	Incentive Transmission Plant Accum. Def. Income Taxes		-		-		-	Page 3.2 and Page 4.2, Line 30	30
31	Total Incentive ROE Project Transmission Rate Base	\$	-	\$	-	\$	-	Sum Lines 29 thru 30	31
32	·								32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:								33
34	Incentive Transmission Plant Abandoned Project Cost	\$	-	\$	-	\$	-	Page 3.2 and Page 4.2, Line 34	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes		-		-		-	Page 3.2 and Page 4.2, Line 35	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$	-	\$		\$	-	Sum Lines 34 thru 35	36
37	•								37
38	D. Incentive Transmission Construction Work In Progress ²	\$		\$		\$		Page 3.2 and Page 4.2, Line 38	38

V Items that are in bold have changed compared to the revised TO4 Cycle 5 filing per ER18-358 on the Federal Income Tax Rate.

The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

² Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

No. Amounts Amounts			C	A evised TO4 5 (For Fed acome Tax		B Filed TO4 TU - Period	C =	A - B		
A. Transmission Plant Gross Transmission Plant S 4,857,202 S 4,857,202 S - Page 3.3 and Page 4.3, Line 2 2 2 2 2 3 Transmission Related Electric Miscellaneous Intangible Plant 26,074 26,074 - Page 3.3 and Page 4.3, Line 3 3 3 4 Transmission Related General Plant 58,773 58,773 - Page 3.3 and Page 4.3, Line 4 4 4 5 5 5 5 5 5 5				• /					D. C	
Gross Transmission Plant: Transmission Plant: Transmission Plant: Transmission Plant: Transmission Plant: Transmission Plant: Transmission Related Electric Miscellaneous Intangible Plant 26,074 26,074 - Page 3.3 and Page 4.3, Line 3 3 Transmission Related General Plant 58,773 58,773 - Page 3.3 and Page 4.3, Line 4 4 Transmission Related Common Plant 131,261 131,261 - Page 3.3 and Page 4.3, Line 5 5 Total Gross Transmission Plant 5,073,310 5,073,310 5 Sum Lines 2 thru 5 6 Total Gross Transmission Plant 5,073,310 5 Sum Lines 2 thru 5 6 Transmission Related Depreciation Reserve: 8 Transmission Plant Depreciation Reserve 8 897,504 5 Page 3.3 and Page 4.3, Line 9 9 Transmission Related Electric Miscellaneous Intangible Amortization Reserve 12,611 12,611 - Page 3.3 and Page 4.3, Line 10 10 Transmission Related General Plant Depreciation Reserve 12,611 12,611 - Page 3.3 and Page 4.3, Line 10 10 Transmission Related General Plant Depreciation Reserve 65,592 56,592 - Page 3.3 and Page 4.3, Line 11 11 Transmission Related Accumulated Depreciation Reserve 5,998,720 5,998,720 5 Sum Lines 9 thru 12 13 Total Transmission Plant: 15 Net Transmission Plant 13,463 13,463 - Page 3.3 and Page 4.3, Line 16 16 Transmission Plant 13,463 13,463 - Page 3.3 and Page 4.3, Line 16 16 Transmission Related General Plant 35,760 35,760 - Page 3.3 and Page 4.3, Line 17 17 Transmission Related General Plant 34,403 13,463 - Page 3.3 and Page 4.3, Line 18 18 Transmission Related General Plant 13,463 13,463 - Page 3.3 and Page 4.3, Line 19 19 Transmission Related General Plant 5,4074,590 5,669 - Page 3.3 and Page 4.3, Line 19 19 Total Net Transmission Plant 5,4074,590 5,4074,590 5 - Sum Lines 16 thru 19 20 Total Net Transmission Plant 5,4074,590 5,4074,590 5,508 5 Page 3.3 and Page 4.3, Line 19 19 To	No.	A Transmission Plant	_	Amounts		Amounts	Incr	(Decr)	Reference	No.
Transmission Plant S	1									1
Transmission Related Electric Miscellaneous Intangible Plant	2		\$	4 857 202	•	4 857 202	2		Page 3.3 and Page 4.3. Line 2	2
Transmission Related General Plant 58,773 58,773 - Page 3.3 and Page 4.3, Line 4 4 5 Transmission Related Common Plant 131,261 131,261 - Page 3.3 and Page 4.3, Line 5 5 6 7 Sum Lines 2 thru 5 6 7 Sum Lines 2 thru 5 6 7 Sum Lines 2 thru 5 6 7 7 7 7 7 7 7 7 7	_		Ψ		Ψ	, , .	Ψ	_		_
Transmission Related Common Plant 131,261 131,261 - Page 3.3 and Page 4.3, Line 5 5 6 Total Gross Transmission Plant \$5,073,310 \$5,073,310 \$ - Sum Lines 2 thru 5 6 7 7 7 8 Accumulated Depreciation Reserve: 8897,504 \$897,504 \$ - Page 3.3 and Page 4.3, Line 9 9 9 9 9 9 10 Transmission Plant Depreciation Reserve \$897,504 \$897,504 \$ - Page 3.3 and Page 4.3, Line 10 10 10 10 10 10 10 10	4							_		4
Total Gross Transmission Plant	5							_		5
Accumulated Depreciation Reserve:	6		\$		\$		\$			6
Transmission Plant Depreciation Reserve \$897,504 \$897,504 \$ - Page 3.3 and Page 4.3, Line 9 9	7									7
Transmission Related Electric Miscellaneous Intangible Amortization Reserve 12,611 12,611 - Page 3.3 and Page 4.3, Line 10 10	8	Accumulated Depreciation Reserve:								8
11 Transmission Related General Plant Depr Reserve 23,013 23,013 - Page 3.3 and Page 4.3, Line 11 11 12 Transmission Related Common Plant Depr Reserve 65,592 65,592 - Page 3.3 and Page 4.3, Line 12 12 13 Total Transmission Related Accumulated Depreciation Reserve \$ 998,720 \$ 998,720 \$ - Sum Lines 9 thru 12 13 14 15 <t< td=""><td>9</td><td>Transmission Plant Depreciation Reserve</td><td>\$</td><td>897,504</td><td>\$</td><td>897,504</td><td>\$</td><td>-</td><td>Page 3.3 and Page 4.3, Line 9</td><td>9</td></t<>	9	Transmission Plant Depreciation Reserve	\$	897,504	\$	897,504	\$	-	Page 3.3 and Page 4.3, Line 9	9
12 Transmission Related Common Plant Depr Reserve 65,592 65,592 - Page 3.3 and Page 4.3, Line 12 12 13 Total Transmission Related Accumulated Depreciation Reserve \$ 998,720 \$ 998,720 \$ - Sum Lines 9 thru 12 13 14 14 15 Net Transmission Plant: 14 16 Transmission Plant \$ 3,959,698 \$ 3,959,698 \$ - Page 3.3 and Page 4.3, Line 16 16 17 Transmission Related Electric Miscellaneous Intangible Plant 13,463 13,463 - Page 3.3 and Page 4.3, Line 16 16 18 Transmission Related General Plant 35,760 35,760 - Page 3.3 and Page 4.3, Line 18 18 19 Transmission Related Common Plant 65,669 65,669 - Page 3.3 and Page 4.3, Line 19 19 20 Total Net Transmission Plant \$ 4,074,590 \$ 4,074,590 \$ - Sum Lines 16 thru 19 20 21 2 22 Incentive Project Transmission Plant 3	10	Transmission Related Electric Miscellaneous Intangible Amortization Reserve		12,611		12,611		-	Page 3.3 and Page 4.3, Line 10	10
Total Transmission Related Accumulated Depreciation Reserve \$998,720 \$998,720 \$ -	11	Transmission Related General Plant Depr Reserve		23,013		23,013		-	Page 3.3 and Page 4.3, Line 11	11
14 15 Net Transmission Plant: 15 Net Transmission Plant 15 Net Transmission Plant 16 17 18 18 19 19 19 19 19 19	12	Transmission Related Common Plant Depr Reserve		65,592		65,592			Page 3.3 and Page 4.3, Line 12	12
15 Net Transmission Plant: 15 16 Transmission Plant \$ 3,959,698 \$ 3,959,698 \$ - Page 3.3 and Page 4.3, Line 16 16 17 Transmission Related Electric Miscellaneous Intangible Plant 13,463 13,463 - Page 3.3 and Page 4.3, Line 17 17 18 Transmission Related General Plant 35,760 35,760 - Page 3.3 and Page 4.3, Line 18 18 19 Transmission Related Common Plant 65,669 65,669 - Page 3.3 and Page 4.3, Line 19 19 20 Total Net Transmission Plant \$ 4,074,590 \$ 4,074,590 \$ - Sum Lines 16 thru 19 20 21 Incentive Project Transmission Plant: 22 23 Incentive Transmission Plant 1 \$ - \$ - \$ - Page 3.3 and Page 4.3, Line 23 23 24 Incentive Transmission Plant Depreciation Reserve 1 - - - - Page 3.3 and Page 4.3, Line 24 24	13	Total Transmission Related Accumulated Depreciation Reserve	\$	998,720	\$	998,720	\$	-	Sum Lines 9 thru 12	13
16 Transmission Plant \$ 3,959,698 \$ 3,959,698 \$ - Page 3.3 and Page 4.3, Line 16 16 17 Transmission Related Electric Miscellaneous Intangible Plant 13,463 13,463 - Page 3.3 and Page 4.3, Line 17 17 18 Transmission Related General Plant 35,760 35,760 - Page 3.3 and Page 4.3, Line 18 18 19 Transmission Related Common Plant 65,669 65,669 - Page 3.3 and Page 4.3, Line 19 19 20 Total Net Transmission Plant \$ 4,074,590 \$ 4,074,590 \$ - Sum Lines 16 thru 19 20 21 B. Incentive Project Transmission Plant: 22 23 Incentive Transmission Plant 1 \$ - \$ - \$ - Page 3.3 and Page 4.3, Line 23 23 24 Incentive Transmission Plant Depreciation Reserve 1 - - - - Page 3.3 and Page 4.3, Line 24 24	14									
17 Transmission Related Electric Miscellaneous Intangible Plant 13,463 13,463 - Page 3.3 and Page 4.3, Line 17 17 18 Transmission Related General Plant 35,760 35,760 - Page 3.3 and Page 4.3, Line 18 18 19 Transmission Related Common Plant 65,669 65,669 - Page 3.3 and Page 4.3, Line 19 19 20 Total Net Transmission Plant \$ 4,074,590 \$ - Sum Lines 16 thru 19 20 21 B. Incentive Project Transmission Plant: 22 23 Incentive Transmission Plant 1 \$ - \$ - Page 3.3 and Page 4.3, Line 23 23 24 Incentive Transmission Plant Depreciation Reserve 1 - - - Page 3.3 and Page 4.3, Line 24 24	15									
18 Transmission Related General Plant 35,760 35,760 - Page 3.3 and Page 4.3, Line 18 18 19 Transmission Related Common Plant 65,669 65,669 - Page 3.3 and Page 4.3, Line 19 19 20 Total Net Transmission Plant \$ 4,074,590 \$ 4,074,590 - Sum Lines 16 thru 19 20 21 Encentive Project Transmission Plant: 22 23 Incentive Transmission Plant I \$ - \$ - Page 3.3 and Page 4.3, Line 23 23 24 Incentive Transmission Plant Depreciation Reserve - - - Page 3.3 and Page 4.3, Line 24 24	16		\$	3,959,698	\$	3,959,698	\$	-		
19 Transmission Related Common Plant 65,669 65,669 - Page 3.3 and Page 4.3, Line 19 19 20 Total Net Transmission Plant \$ 4,074,590 \$ - Sum Lines 16 thru 19 20 21 21 22 B. Incentive Project Transmission Plant: 22 23 Incentive Transmission Plant 1 \$ - \$ - Page 3.3 and Page 4.3, Line 23 23 24 Incentive Transmission Plant Depreciation Reserve 1 - - - Page 3.3 and Page 4.3, Line 24 24	17							-		
20 Total Net Transmission Plant \$ 4,074,590 \$ 4,074,590 \$ - Sum Lines 16 thru 19 20 21 22 B. Incentive Project Transmission Plant: 21 23 Incentive Transmission Plant ¹ \$ - \$ - \$ - Page 3.3 and Page 4.3, Line 23 23 24 Incentive Transmission Plant Depreciation Reserve ¹ - - - Page 3.3 and Page 4.3, Line 24 24	18			35,760		35,760		-		
21 22 B. Incentive Project Transmission Plant: 21 22 23 Incentive Transmission Plant 1 1 24 25 26 27 28 29 29 29 29 29 29 29										
22 B. Incentive Project Transmission Plant: 22 23 Incentive Transmission Plant I \$ - \$ - \$ - Page 3.3 and Page 4.3, Line 23 23 24 Incentive Transmission Plant Depreciation Reserve I Page 3.3 and Page 4.3, Line 24 24	20	Total Net Transmission Plant	\$	4,074,590	\$	4,074,590	\$		Sum Lines 16 thru 19	20
Incentive Transmission Plant ¹ \$ - \$ - \$ - Page 3.3 and Page 4.3, Line 23 23 Incentive Transmission Plant Depreciation Reserve ¹ Page 3.3 and Page 4.3, Line 24 24	21									21
24 Incentive Transmission Plant Depreciation Reserve Page 3.3 and Page 4.3, Line 24 24	22	B. Incentive Project Transmission Plant:								22
<u></u>	23	Incentive Transmission Plant ¹	\$	-	\$	-	\$	-	Page 3.3 and Page 4.3, Line 23	23
<u></u>	24	Incentive Transmission Plant Depreciation Reserve ¹		-		_		-	Page 3.3 and Page 4.3, Line 24	24
	25	Total Net Incentive Transmission Plant	\$	-	\$	-	\$	-		

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

Line No.		C: In I	A evised TO4 5 (For Fed acome Tax Rate Adj) Amounts	C5 I	Filed TO4 TU - Period ER18-358 Amounts	D	c = A - B ifference cr (Decr)	Reference	Line No.
	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS								
1	A. Derivation of Annual Fix Charge Rate (AFCR FII) Applicable to								1
2	Weighted Forecast Plant Additions:								2
3	PYRR EU Excluding Franchise Fees and Uncollectible	\$	619,517 √	\$	676,005	\$	(56,488)	Page 3.4 and Page 4.4, Line 3	3
4	50% of Transmission O&M Expense		(36,625)		(36,625)		-	Page 3.4 and Page 4.4, Line 4	4
5	50% of Transmission Related A&G Expense		(24,758)		(24,758)		-	Page 3.4 and Page 4.4, Line 5	5
6	CPUC Intervenor Funding Expense		-		-		-	Page 3.4 and Page 4.4, Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.4 and Page 4.4, Line 7	7
8	South Georgia Income Tax Adjustment		(2,333)		(2,333)		-	Page 3.4 and Page 4.4, Line 8	8
9	Transmission Related Amortization of Investment Tax Credit		265		265		-	Page 3.4 and Page 4.4, Line 9	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-		-		-	Page 3.4 and Page 4.4, Line 10	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		-		-		-	Page 3.4 and Page 4.4, Line 11	11
12	Total (PYRR EU) Excluding FF&U - Adjusted	\$	556,066 V	\$	612,554	\$	(56,488)	Sum Lines 3 thru 11	12
13									13
14	Gross Transmission Plant	\$	5,073,310	\$	5,073,310	\$		Page 3.4 and Page 4.4, Line 14	14
15									15
16	Annual Fix Charge Rate (AFCR EU)		10.9606% √	,	12.0741%		-1.1135%	Page 3.4 and Page 4.4, Line 16	16
17									17
18	Weighted Forecast Plant Additions	\$	867,661	\$	867,661	\$	-	Page 3.4 and Page 4.4, Line 18	18
19			· · · · · ·		•				19
20	Forecast Period Capital Addition Revenue Requirements	\$	95,101 V	\$	104,762	\$	(9,661)	Line 16 x Line 18	20

v Items that are in bold have changed compared to the revised TO4 Cycle 5 filing per ER18-358 on the Federal Income Tax Rate.

Line No.		C It I	A evised TO4 5 (For Fed acome Tax Rate Adj) Amounts	C5	B s Filed TO4 TU - Period ER18-358 Amounts	Di	= A - B fference er (Decr)	Reference	Line No.
	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE CAPITAL PROJECTS								
1	A. Derivation of Annual Fix Charge Rate (AFCR FILIB, ROF) Applicable to								1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):								2
3	PYRR EU-IR-ROE Excluding Franchise Fees and Uncollectible	\$	619,517 √	\$	676,005	\$	(56,488)	Page 3.5 and Page 4.5, Line 3	3
4	50% of Transmission O&M Expense		(36,625)		(36,625)		-	Page 3.5 and Page 4.5, Line 4	4
5	50% of Transmission Related A&G Expense		(24,758)		(24,758)		-	Page 3.5 and Page 4.5, Line 5	5
6	CPUC Intervenor Funding Expense - Transmission		-		-		-	Page 3.5 and Page 4.5, Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-		-		-	Page 3.5 and Page 4.5, Line 7	7
8	South Georgia Income Tax Adjustment		(2,333)		(2,333)		-	Page 3.5 and Page 4.5, Line 8	8
9	Transmission Related Amortization of Investment Tax Credit		265		265		-	Page 3.5 and Page 4.5, Line 9	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-		-		-	Page 3.5 and Page 4.5, Line 10	10
11	(Gains)/Losses from Sale of Plant Held for Future Use -				-			Page 3.5 and Page 4.5, Line 11	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$	556,066 √	\$	612,554	\$	(56,488)	Sum Lines 3 thru 11	12
13									13
14	Gross Transmission Plant & Incentive Transmission Plant	\$	5,073,310	\$	5,073,310	\$		Page 3.5 and Page 4.5, Line 14	14
15									15
16	Incentive Annual Fix Charge Rate (AFCR EU-IR-ROE) 1		10.9606% √		12.0741%	-	1.1135%	Page 3.5 and Page 4.5, Line 16	16
17									17
18	Incentive Weighted Forecast Plant Additions	\$				\$		Page 3.5 and Page 4.5, Line 18	18
19									19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC EU-IR-ROE)	\$	-	\$	-	\$	-	Line 16 x Line 18	20
21									21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:								22
23	1. For the Period After the Base Period and Before the Rate Effective Period:								23
24	Incentive Weighted Forecast Transmission Construction Work In Progress	\$	-	\$	-	\$	-	Page 3.5 and Page 4.5, Line 24	24
25									25
26	Cost of Capital Rate (COCR)		9.7639% √		11.5050%	-	1.7411%	Page 3.5 and Page 4.5, Line 26	26
27									27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$		\$	-	\$		Line 24 x Line 26	28
29									29
30	2. For the Period During the Rate Effective Period:								30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	\$	-	\$	-	\$	-	Page 3.5 and Page 4.5, Line 31	31
32									32
33	Cost of Capital Rate (COCR)		9.7639% √		11.5050%		1.7411%	Page 3.5 and Page 4.5, Line 33	33
34							·		34
35	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	\$	-	\$		Line 31 x Line 33	35
36									36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	-	\$	-	\$	-	Sum Lines 28; 35	37

v Items that are in bold have changed compared to the revised TO4 Cycle 5 filing per ER18-358 on the Federal Income Tax Rate.

The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

Line No.		C5 In R	A vised TO4 6 (For Fed come Tax tate Adj) Amounts		B As Filed TO4 5 TU - Period ER18-358 Amounts	D	e = A - B	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR FII):								1
2 3 4	End of Prior Year Revenues (PYRR $_{\rm EU})$ Excluding FF&U	\$	619,517 v	\$	676,005	\$	(56,488)	Page 3.6 and Page 4.6, Line 3	2 3 4
5	Incentive End of Prior Year Revenues (PYRR $_{\rm EUIR})$ Excluding FF&U				-		-	Page 3.6 and Page 4.6, Line 5	5
6 7	Sub-Total Base Period Revenues	\$	619,517 v	\$	676,005	\$	(56,488)	Sum Lines 3 thru 5	6 7
8 9	Retail True-Up Period Adjustment	\$	30,689	\$	30,689	\$	-	Page 3.6 and Page 4.6, Line 9	8 9 10
10 11	Retail Interest True-Up Adjustment		2,036	_	2,036			Page 3.6 and Page 4.6, Line 11	11
12	Sub-Total True-Up Adjustments	\$	32,724	\$	32,724	\$		Sum Lines 9 thru 11	12 13
14 15	B. Annual Fixed Charges Applicable to Capital Projects:								14 15
16 17	Forecast Period Capital Addition Revenue Requirements	\$	95,101 v	\$	104,762	\$	(9,661)	Page 3.6 and Page 4.6, Line 17	16 17
18 19	C. Annual Fixed Charges Applicable to Incentive Capital Projects:								18 19
20 21	Forecast Period Incentive Capital Additions Revenue Requirements (FC _{EU-IR-ROE})	\$		\$	-	\$		Page 3.6 and Page 4.6, Line 21	20 21
22 23	D. Incentive Forecast Transmission CWIP Revenues:								22 23
24 25	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$		\$		\$	_	Page 3.6 and Page 4.6, Line 25	24 25
26 27	E. Subtotal BTRR FU Excluding FF&U:	\$	747,343 v	<i>'</i> \$	813,492	\$	(66,149)	Sum Lines 7; 13; 17; 21; 25	26 27
28 29 30	Transmission Related Municipal Franchise Fees Expenses Transmission Related Uncollectible Expense		7,680 v 1,300 v		8,360 1,415		(680) (115)	Line 27 x 1.0277% Line 27 x 0.174%	28 29 30
31 32	F. Total Retail BTRR FIL With FF&U	\$	756,323 v	\$	823,267	s	(66,944)	Sum Lines 27 thru 30	31 32
,	V Items that are in bold have changed compared to the revised TO4 Cycle 5 filing	per ER	18-358 on the	Fed	leral Income Ta	ax Ra	te.		
33 34	Retail BTRR Excluding FF&U Adjustment due to Fed Income Tax Rate Change	e				\$	(66,149)	Line 27 Above	33 34
35	2018 Allocation per FERC Show Cause Order No. EL18-62 dtd March 15, 2018	3					79%	Mar 15 thru Dec 31, 2018 = 9.5 months / 12	35
36 37	Retail BTRR Excluding FF&U Difference Associated with the Fed Income Tax	Rate Cl	nange			\$	(52,368)	Line 33 * Line 35	36 37

$\begin{array}{c} \textbf{Derivation of End Use Prior Year Revenue Requirements (PYRR}_{EU}) \\ \textbf{For the Base Period \& True-Up Period Ending December 31, 2016} \end{array}$

(\$1,000)

Line No.		A	mounts 5	Reference	Line No.
1 2 3	A. Revenues: Transmission Operation & Maintenance Expense	\$	73,249	Statement AH; Page 5, Line 9	1 2 3
4 5	Transmission Related A&G Expense		49,516	Statement AH; Page 5, Line 56	4 5
6 7	CPUC Intervenor Funding Expense - Transmission		-	Statement AH; Page 5, Line 17	6 7
8 9	Total O&M Expenses	\$	122,765	Sum Lines 2 thru 6	8
10 11	$Transmission, General, Common \ Plant \ Depn. \ Exp., \ and \ Electric \ Misc. \ Intangible \ Plant \ Amort. \ Exp.$		142,827	Statement AJ; Page 7, Line 17	10 11
12 13	Valley Rainbow Project Cost Amortization Expense		-	Statement AJ; Page 7, Line 19	12 13
14 15	Transmission Plant Abandoned Project Cost Amortization Expense		-	Statement AJ; Page 7, Line 23	14 15
16 17	Transmission Related Property Taxes Expense		38,137	Statement AK; Page 8, Line 27	16 17
18 19	Transmission Related Payroll Taxes Expense		2,458	Statement AK; Page 8, Line 33	18 19
20 21	Sub-Total Expense	\$	306,187	Sum Lines 8 thru 18	20 21
22	Cost of Capital Rate (COCR)		9.7639% √	Statement AV; Page 15, Line 31	22
23	Transmission Rate Base		3,244,395	Statement BK-1; Page 2, Line 26	23
24 25	Return and Associated Income Taxes	\$	316,780 V	Line 22 x Line 23	24 25
26	South Georgia Income Tax Adjustment	\$	2,333	Statement AQ; Page 11, Line 1	26
27	Transmission Related Amortization of Investment Tax Credits		(265)	Statement AR; Page 12, Line 1	27
28	Transmission Related Amortization of Excess Deferred Tax Liabilities		-	Statement AR; Page 12, Line 3	28
29	Transmission Related Revenue Credits		(5,518)	Statement AU; Page 13, Line 11	29
30 31	Transmission Related Regulatory Debits		-	Misc. Statement; Page 17, Line 1	30 31
32	(Gains)/Losses from Sale of Plant Held for Future Use		-	Statement AU; Page 13, Line 13	32
33	End of Prior Year Revenues (PYRR $_{\rm EU})$ Excluding FF&U	\$	619,517 v	Line 20 + Sum Lines (24 thru 31)	33
34					34
35	B. Incentive ROE Project Transmission Revenue:	6		C	35
36 37	Incentive Transmission Plant Depreciation Expense	2	-	Statement AJ; Page 7; Line 21	36 37
38	Incentive Cost of Capital Rate (ICOCR) 1		0.0000% 4	Statement AV; Page 16, Line 31	38
39	Total Incentive ROE Project Transmission Rate Base	\$	-	Statement BK-1; Page 2; Line 31	39
40	Incentive ROE Project Return and Associated Income Taxes	\$		Line 38 x Line 39	40
41	TALL S DOED SOT ST.			0 1: 26 10	41
42 43	Total Incentive ROE Project Transmission Revenue	\$		Sum Lines 36; 40	42 43
44	C. Incentive Transmission Plant Abandoned Project Revenue:				44
45	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$	-	Statement AJ; Page 7; Line 25	45
46	•				46
47	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$	-	Statement BK-1; Page 2; Line 36	47
48	Cost of Capital Rate (COCR)		9.7639% √	Statement AV; Page 15, Line 31	48
49	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	\$	-	Line 47 x Line 48	49
50					50
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$		Sum Lines 45; 49	51
52	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:				52 53
53	Incentive Transmission Construction Work In Progress (CWIF) Revenue:	6		Ct-t DV 1. D 2. Lin- 20	
54 55	ę .	2	9.7639% √	Statement BK-1; Page 2; Line 38 Statement AV; Page 15, Line 31	54 55
56	Cost of Capital Rate (COCR) Incentive CWIP Return and Associated Income Taxes	\$	9.7039% V	Line 54 x Line 55	55 56
57	meentive Cwin Return and Associated income 1 dates			Line 34 & Line 33	57
58	Total Incentive End of Prior Year Revenues (PYRR FILIR) Excluding FF&U	S	-	Sum Lines 42; 51; 56	58
59	CU-IK/	Ψ		5 m 2 m 5 12, 51, 50	59
60	E. Total (PYRR _{EU}) Excluding FF&U ³	\$	619,517 √	Sum Lines 33; 58	60

v Items that are in bold have changed compared to the revised TO4 Cycle 5 filing per ER18-358 on the Federal Income Tax Rate.

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period.

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2016

(\$1,000)

Line No.		A	Reference	Line No.
NO.	A. Transmission Rate Base:	Amounts	Reference	No.
1	Net Transmission Plant:			1
2	Transmission Plant	\$ 3,959,698	Statement BK-1; Page 3; Line 16	2
3	Transmission Plant Transmission Related Electric Miscellaneous Intangible Plant	3,939,698	Statement BK-1; Page 3; Line 16 Statement BK-1; Page 3; Line 17	3
4	Transmission Related General Plant	35,760	Statement BK-1; Page 3; Line 18	4
5	Transmission Related Common Plant	65,669	Statement BK-1; Page 3; Line 19	5
6	Total Net Transmission Plant	\$ 4,074,590	Sum Lines 2 thru 5	6
7	Total Net Transmission Flant	3 4,074,390	Sum Lines 2 tillu 3	7
8	Rate Base Additions:			8
9	Transmission Plant Held for Future Use	\$ 5,654	Statement AG; Page 4; Line 1	9
10	Transmission Plant Abandoned Project Cost	5,054	Misc. Statement; Page 17, Line 4	10
11	Total Rate Base Additions	\$ 5,654	Sum Lines 9 thru 10	11
12	Total Rate Base Additions	ў 3,03 т	Sum Emes y unu 10	12
13	Rate Base Reductions:			13
14	Transmission Related Accum. Def. Inc. Taxes	\$ (905,037)	Statement AF; Page 3; Line 5	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes	- (>05,051)	Statement AF; Page 3; Line 9	15
16	Total Rate Base Reductions	\$ (905,037)	Sum Lines 14 thru 15	16
17	Total Paris Date Reductions	ψ (505,057)	Sam Emes 1 . and 15	17
18	Working Capital:			18
19	Transmission Related Materials and Supplies	\$ 37.814	Statement AL; Page 9; Line 5	19
20	Transmission Related Prepayments	16,028	Statement AL; Page 9; Line 9	20
21	Transmission Related Cash Working Capital	15,346	Statement AL; Page 9; Line 19	21
22	Total Working Capital	\$ 69,188	Sum Lines 19 thru 21	22
23	Ģ i			23
24	Other Regulatory Assets/Liabilities	_	Misc. Statement; Page 17, Line 7	24
25			, ,	25
26	Total Transmission Rate Base	\$ 3,244,395	Sum Lines 6; 11; 16; 22; 24	26
27				27
28	B. Incentive ROE Project Transmission Rate Base:			28
29	Net Incentive Transmission Plant ¹	\$ -	Statement BK-1; Page 3; Line 25	29
30	Incentive Transmission Plant Accum. Def. Income Taxes	_	Statement AF; Page 3; Line 7	30
31	Total Incentive ROE Project Transmission Rate Base	\$ -	Sum Lines 29 thru 30	31
32	Total modifie ROE Project Pansinission Rate Base	Ψ	Sum Emes 27 and 30	32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:			33
34	Incentive Transmission Plant Abandoned Project Cost	S -	Misc. Statement; Page 17, Line 10	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes	_	Statement AF; Page 3; Line 11	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Sum Lines 34 thru 35	36
37				37
38	D. Incentive Transmission Construction Work In Progress ²	\$ -	Statement AM; Page 10; Line 1	38

√ Items that are in bold have changed compared to the revised TO4 Cycle 5 filing per ER18-358 on the Federal Income Tax Rate.

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

 $^{^{\}rm 2}$ Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

REVISED

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2016 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Plant:			
1	Gross Transmission Plant:			1
2	Transmission Plant	\$ 4,857,202	Statement AD; Page 1, Line 15	2
3	Transmission Related Electric Misc. Intangible Plant	26,074	Statement AD; Page 1, Line 31	3
4	Transmission Related General Plant	58,773	Statement AD; Page 1, Line 33	4
5	Transmission Related Common Plant	131,261	Statement AD; Page 1, Line 35	5
6	Total Gross Transmission Plant	\$ 5,073,310	Sum Lines 2 thru 5	6
7				7
8	Transmission Related Depreciation Reserve:			8
9	Transmission Plant Depreciation Reserve	\$ 897,504	Statement AE; Page 2, Line 1	9
10	Transmission Related Electric Misc. Intangible Plant Amortization Reserve	12,611	Statement AE; Page 2, Line 11	10
11	Transmission Related General Plant Depr Reserve	23,013	Statement AE; Page 2, Line 13	11
12	Transmission Related Common Plant Depr Reserve	65,592	Statement AE; Page 2, Line 15	12
13	Total Transmission Related Depreciation Reserve	\$ 998,720	Sum Lines 9 thru 12	13
14				14
15	Net Transmission Plant:			15
16	Transmission Plant	\$ 3,959,698	Line 2 Minus Line 9	16
17	Transmission Related Electric Miscellaneous Intangible Plant	13,463	Line 3 Minus Line 10	17
18	Transmission Related General Plant	35,760	Line 4 Minus Line 11	18
19	Transmission Related Common Plant	65,669	Line 5 Minus Line 12	19
20	Total Net Transmission Plant	\$ 4,074,590	Sum Lines 16 thru 19	20
21				21
22	B. Incentive Project Transmission Plant:			22
23	Incentive Transmission Plant ¹	\$ -	Statement AD; Page 1, Line 17	23
24	Incentive Transmission Plant Depreciation Reserve ¹	-	Statement AE; Page 2, Line 19	24
25	Total Net Incentive Transmission Plant	\$ -	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

San Diego Gas & Electric Company Statement BK-1 Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2017 - December 31, 2018 (\$1,000)

Line					Line
No.			Amounts	Reference	No.
	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS	·			
1	A. Derivation of Annual Fix Charge Rate (AFCR EU) Applicable to				1
2	Weighted Forecast Plant Additions:				2
3	PYRR _{EU} Excluding Franchise Fees and Uncollectible	\$	619,517 V	Statement BK-1; Page 1; Line 33	3
4	50% of Transmission O&M Expense		(36,625)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense		(24,758)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission		-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense		-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment		(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit		265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities		-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		-	Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU) Excluding FF&U	\$	556,066 V	Sum Lines 3 thru 11	12
13					13
14	Gross Transmission Plant	\$	5,073,310	Statement BK-1; Page 3, Line 6	14
15				-	15
16	Annual Fix Charge Rate (AFCR _{EU})		10.9606% √	Line 12 / Line 14	16
17					17
18	Weighted Forecast Plant Additions	\$	867,661	Summary of HV-LV Plant Additions; Pg 1; Ln 5, Col. (f)	18
19				3, Col. (1)	19
20	Forecast Period Capital Addition Revenue Requirements	•	95,101 √	Line 16 x Line 18	20
20	rofecasi reflou Capital Addition Revenue Requirements	<u> </u>	93,101 V	Line to x Line 18	20

[√] Items that are in bold have changed compared to the revised TO4 Cycle 5 filing per ER18-358 on the Federal Income Tax Rate.

Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2017 - December 31, 2018 (\$1,000)

Line No.		Amounts	Reference	Line No.
	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE			
	CAPITAL PROJECTS			
1	A. Derivation of Annual Fix Charge Rate (AFCR EIL-IR-ROE) Applicable to			1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):			2
3	PYRR _{EU-IR-ROE} Excluding Franchise Fees and Uncollectible	\$ 619,517 √	Statement BK-1; Page 1; Line 33 + Line 42	3
4	50% of Transmission O&M Expense	(36,625)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(24,758)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$ 556,066 √	Sum Lines 3 thru 11	12
13				13
14	Gross Transmission Plant & Incentive Transmission Plant	\$ 5,073,310	Statement BK-1; Page 3, Line 6 + Line 23	14
15				15
16	Incentive Annual Fix Charge Rate (AFCR EU-IR-ROE) 1	10.9606% √	Line 12 / Line 14	16
17	- · · · · · · · · · · · · · · · · · · ·			17
18	Incentive Weighted Forecast Plant Additions	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 8; Col. (f)	18
19			8, Col. (1)	19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC ELLIR-ROF)	\$ -	Line 16 x Line 18	20
	Torceast Ferror meetate capital reduction revenue reclaments (FC EU-IR-ROE)	5 -	Line 10 x Line 18	
21	D. D. '. C. C. C. F. C. T. C.			21
22 23	B. Derivation of Incentive Forecast Transmission CWIP Revenues: 1. For the Period After the Base Period and Before the Rate Effective Period:			22 23
23	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln	24
24	incentive weighted Forecast Transmission Construction work in Frogress	\$ -	10; Col. (f)	24
25			10, Col. (1)	25
26	Cost of Capital Rate (COCR)	9.7639% v	Statement AV; Page 15, Line 31	26
27	Cost of Capital Kate (COCR)	9.7039 70 V	Statement Av, 1 age 13, Line 31	27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 24 x Line 26	28
29	incentive transmission polecast Cwir Projects Revenue Requirements	<u> </u>	Line 24 x Line 20	29
30	2. For the Period During the Rate Effective Period:			30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	e _	Summary of HV-LV Plant Additions; Pg 1; Ln	31
31	meentive weighted rorecast transmission constitution work in riogiess	Ф -	12; Col. (f)	31
32			12, Col. (1)	32
33	Cost of Capital Rate (COCR)	9.7639% v	Statement AV; Page 15, Line 31	33
	Cost of Capital Nate (COCR)	9.7039% V	Statement Av, Fage 13, Line 31	
34	Inconting Transmission Foregood CWID Projects Revenue Requirement	e	Line 31 x Line 33	34 35
35 36	Incentive Transmission Forecast CWIP Projects Revenue Requirements	<u> </u>	Line 31 x Line 33	35 36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Sum Lines 28; 35	37
31	Total incentive Transmission Forecast C wir Frojects Revenue Requirements	Φ -	Sum Lines 26, 33	31

√ Items that are in bold have changed compared to the revised TO4 Cycle 5 filing per ER18-358 on the Federal Income Tax Rate.

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

Derivation of End Use Base Transmission Revenue Requirements (BTRR $_{\rm EU}$)

For the Rate Effective Period January 1, 2018 - December 31, 2018 (\$1,000)

Line Line No. Reference No. Amounts A. End Use Customer Base Transmission Revenue Requirement (BTRR FII): 1 2 2 End of Prior Year Revenues (PYRR FU) Excluding FF&U 619,517 V Statement BK-1; Page 1; Line 33 3 3 4 4 5 Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U Statement BK-1; Page 1; Line 58 5 6 6 7 Sub-Total Base Period Revenues 619,517 v Sum Lines 3 thru 5 8 9 Retail True-Up Period Adjustment 30,689 (Retail TU Adj; Total Col; Line 29) / 1,000 9 10 10 11 2,036 (Retail Int TU-1 + Retail Int TU-2; Ttl Col; Ln Retail Interest True-Up Adjustment ¹ 18)/1,000 12 13 Sub-Total True-Up Adjustments 32,724 Sum Lines 9 thru 11 13 14 14 B. Annual Fixed Charges Applicable to Capital Projects: 15 15 16 16 Forecast Period Capital Addition Revenue Requirements 95,101 V Statement BK-1; Page 4, Line 20 17 17 18 18 19 19 C. Annual Fixed Charges Applicable to Incentive Capital Projects: 20 20 21 Forecast Period Incentive Capital Additions Revenue Requirements (FC EU-IR-ROE) Statement BK-1; Page 5, Line 20 21 22 22 23 24 25 **D. Incentive Forecast Transmission CWIP Revenues:** 23 24 Incentive Transmission Forecast CWIP Projects Revenue Requirements Statement BK-1; Page 5, Line 37 25 26 26 27 747,343 √ Sum Lines 7; 13; 17; 21; 25 27 E. Subtotal BTRR FII Excluding FF&U: 28 28 29 Transmission Related Municipal Franchise Fees Expenses Line 27 x 1.0277% 29 30 Transmission Related Uncollectible Expense 1.300 V Line 27 x 0.174% 30 31 31 F. Total Retail BTRR $_{\rm FII}$ With FF&U 756,323 √ 32 Sum Lines 27 thru 30 32

v Items that are in bold have changed compared to the revised TO4 Cycle 5 filing per ER18-358 on the Federal Income Tax Rate.

¹ This amount represents the Interest True-Up Adjustment on the previous cycle True-Up Adjustment under-collection/(over-collection) balance.

Derivation of End Use Prior Year Revenue Requirements (PYRR $_{\rm EU}$)

For the Base Period & True-Up Period Ending December 31, 2016 (\$1,000)

Line				Line
No.		Amounts 5	Reference	No.
1	A. Revenues:			1
2	Transmission Operation & Maintenance Expense	\$ 73,249	Statement AH; Page 5, Line 9	2
3	The state of the s	10.516		3
4 5	Transmission Related A&G Expense	49,516	Statement AH; Page 5, Line 56	4 5
6	CPUC Intervenor Funding Expense - Transmission	_	Statement AH; Page 5, Line 17	6
7	O 1		, 3 - ,	7
8	Total O&M Expenses	\$ 122,765	Sum Lines 2 thru 6	8
9 10	Transmission, General, Common Plant Depn. Exp., and Electric Misc. Intangible Plant Amort. Exp.	142,827	Statement AJ; Page 7, Line 17	9 10
11	Transmission, General, Common Franciscopii. Exp., and Electric Misc. Intangiote Franciscopii. Exp.	142,027	Statement AJ, 1 age 7, Line 17	11
12	Valley Rainbow Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 19	12
13				13
14 15	Transmission Plant Abandoned Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 23	14 15
16	Transmission Related Property Taxes Expense	38,137	Statement AK; Page 8, Line 27	16
17	. , .			17
18	Transmission Related Payroll Taxes Expense	2,458	Statement AK; Page 8, Line 33	18
19 20	Sub-Total Expense	\$ 306,187	Sum Lines 8 thru 18	19 20
21	Sub Total Expense	\$ 500,107	Sum Emes 6 and 16	21
22	Cost of Capital Rate (COCR)	11.5050%	Statement AV; Page 15, Line 31	22
23	Transmission Rate Base	3,244,395	Statement BK-1; Page 2, Line 26	23
24	Return and Associated Income Taxes	\$ 373,268	Line 22 x Line 23	24
25 26	South Georgia Income Tax Adjustment	\$ 2,333	Statement A.O. Page 11 Line 1	25 26
27	Transmission Related Amortization of Investment Tax Credits	(265)	Statement AQ; Page 11, Line 1 Statement AR; Page 12, Line 1	27
28	Transmission Related Amortization of Excess Deferred Tax Liabilities	(203)	Statement AR; Page 12, Line 3	28
29	Transmission Related Revenue Credits	(5,518)	Statement AU; Page 13, Line 11	29
30	Transmission Related Regulatory Debits	-	Misc. Statement; Page 17, Line 1	30
31	(Gains)/Losses from Sale of Plant Held for Future Use	_	Statement AU; Page 13, Line 13	31
32				32
33	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$ 676,005	Line 20 + Sum Lines (24 thru 31)	33
34				34
35	B. Incentive ROE Project Transmission Revenue:	¢.	Control of the Contro	35
36 37	Incentive Transmission Plant Depreciation Expense	<u>\$</u> -	Statement AJ; Page 7; Line 21	36 37
38	Incentive Cost of Capital Rate (ICOCR)	0.0000% 4	Statement AV; Page 16, Line 31	38
39	Total Incentive ROE Project Transmission Rate Base	\$ -	Statement BK-1; Page 2; Line 31	39
40	Incentive ROE Project Return and Associated Income Taxes	\$ -	Line 38 x Line 39	40
41	·			41
42	Total Incentive ROE Project Transmission Revenue	\$ -	Sum Lines 36; 40	42
43				43
44	C. Incentive Transmission Plant Abandoned Project Revenue:			44
45	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$ -	Statement AJ; Page 7; Line 25	45
46	TAIL OF THE ALL LINES OF THE	¢.	Control DE 1 D 2 L 20	46
47 48	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	11.5050%	Statement BK-1; Page 2; Line 36 Statement AV; Page 15, Line 31	47 48
	Cost of Capital Rate (COCR)		, ,	
49 50	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	\$ -	Line 47 x Line 48	49 50
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$ -	Sum Lines 45; 49	51
52	·			52
53	D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:			53
54	Incentive Transmission Construction Work In Progress ²	\$ -	Statement BK-1; Page 2; Line 38	54
55	Cost of Capital Rate (COCR)	11.5050%	Statement AV; Page 15, Line 31	55
56	Incentive CWIP Return and Associated Income Taxes	\$ -	Line 54 x Line 55	56
57				57
58	Total Incentive End of Prior Year Revenues (PYRR _{EU-IR}) Excluding FF&U	\$ -	Sum Lines 42; 51; 56	58
59				59
60	E. Total (PYRR _{FU}) Excluding FF&U ³	\$ 676,005	Sum Lines 33; 58	60
			•	

¹ The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

² Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

³ Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period.

⁴ The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

⁵ Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2016 (\$1,000)

Line No.		Amounts	Reference	Line No.
110.	A. Transmission Rate Base:	Amounts	Reference	INU.
1	Net Transmission Plant:			1
2	Transmission Plant	\$ 3,959,698	Statement BK-1; Page 3; Line 16	2
3	Transmission Plant Transmission Related Electric Miscellaneous Intangible Plant	13.463	Statement BK-1; Page 3; Line 17	3
4	Transmission Related General Plant	35,760	Statement BK-1; Page 3; Line 18	4
5	Transmission Related Common Plant	65,669	Statement BK-1; Page 3; Line 19	5
6	Total Net Transmission Plant	\$ 4,074,590	Sum Lines 2 thru 5	6
7	Total Net Transmission Frant	Ψ 4,074,370	Sum Emes 2 unu 5	7
8	Rate Base Additions:			8
9	Transmission Plant Held for Future Use	\$ 5,654	Statement AG; Page 4; Line 1	9
10	Transmission Plant Abandoned Project Cost	5,051	Misc. Statement; Page 17, Line 4	10
11	Total Rate Base Additions	\$ 5,654	Sum Lines 9 thru 10	11
12	Total Rate Base Additions	\$ 3,034	Jun Lines / tiru 10	12
13	Rate Base Reductions:			13
14	Transmission Related Accum. Def. Inc. Taxes	\$ (905,037)	Statement AF; Page 3; Line 5	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes	- (505,057)	Statement AF; Page 3; Line 9	15
16	Total Rate Base Reductions	\$ (905,037)	Sum Lines 14 thru 15	16
17	Total Pale Pale Industrial	<u> </u>	Sam Emes I vana 19	17
18	Working Capital:			18
19	Transmission Related Materials and Supplies	\$ 37.814	Statement AL; Page 9; Line 5	19
20	Transmission Related Prepayments	16,028	Statement AL; Page 9; Line 9	20
21	Transmission Related Cash Working Capital	15,346	Statement AL; Page 9; Line 19	21
22	Total Working Capital	\$ 69,188	Sum Lines 19 thru 21	22
23				23
24	Other Regulatory Assets/Liabilities	_	Misc. Statement; Page 17, Line 7	24
25			, ,	25
26	Total Transmission Rate Base	\$ 3,244,395	Sum Lines 6; 11; 16; 22; 24	26
27		, , , , , , , , , , , , , , , , , , , ,	, , , , ,	27
28	B. Incentive ROE Project Transmission Rate Base:			28
29	Net Incentive Transmission Plant ¹	· c	Statement BK-1; Page 3; Line 25	29
30	Incentive Transmission Plant Accum. Def. Income Taxes	ъ	Statement AF; Page 3; Line 7	30
31	Total Incentive ROE Project Transmission Rate Base	\$ -	Sum Lines 29 thru 30	31
32	Total incentive ROE (Toject Transmission Rate Base	φ -	Sum Lines 29 thru 30	32
33	C. Incentive Transmission Plant Abandoned Project Rate Base:			33
34	Incentive Transmission Plant Abandoned Project Cost	s -	Misc. Statement; Page 17, Line 10	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes	.	Statement AF; Page 3; Line 11	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Sum Lines 34 thru 35	36
37	Total Incolate Transmission Flant Availabled Project Cost Rate Base	Ψ -	built Lines 54 tillu 55	37
38	D. Incentive Transmission Construction Work In Progress ²	\$ -	Statement AM; Page 10; Line 1	38

¹ The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

² Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

Derivation of End Use Prior Year Revenue Requirements (PYRR _{EU}) For the Base Period & True-Up Period Ending December 31, 2016 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	A. Transmission Plant:			
1	Gross Transmission Plant:			1
2	Transmission Plant	\$ 4,857,202	Statement AD; Page 1, Line 15	2
3	Transmission Related Electric Misc. Intangible Plant	26,074	Statement AD; Page 1, Line 31	3
4	Transmission Related General Plant	58,773	Statement AD; Page 1, Line 33	4
5	Transmission Related Common Plant	131,261	Statement AD; Page 1, Line 35	5
6	Total Gross Transmission Plant	\$ 5,073,310	Sum Lines 2 thru 5	6
7				7
8	Transmission Related Depreciation Reserve:			8
9	Transmission Plant Depreciation Reserve	\$ 897,504	Statement AE; Page 2, Line 1	9
10	Transmission Related Electric Misc. Intangible Plant Amortization Reserve	12,611	Statement AE; Page 2, Line 11	10
11	Transmission Related General Plant Depr Reserve	23,013	Statement AE; Page 2, Line 13	11
12	Transmission Related Common Plant Depr Reserve	65,592	Statement AE; Page 2, Line 15	12
13	Total Transmission Related Depreciation Reserve	\$ 998,720	Sum Lines 9 thru 12	13
14				14
15	Net Transmission Plant:			15
16	Transmission Plant	\$ 3,959,698	Line 2 Minus Line 9	16
17	Transmission Related Electric Miscellaneous Intangible Plant	13,463	Line 3 Minus Line 10	17
18	Transmission Related General Plant	35,760	Line 4 Minus Line 11	18
19	Transmission Related Common Plant	65,669	Line 5 Minus Line 12	19
20	Total Net Transmission Plant	\$ 4,074,590	Sum Lines 16 thru 19	20
21		·		21
22	B. Incentive Project Transmission Plant:			22
23	Incentive Transmission Plant ¹	\$ -	Statement AD; Page 1, Line 17	23
24	Incentive Transmission Plant Depreciation Reserve ¹	_	Statement AE; Page 2, Line 19	24
25	Total Net Incentive Transmission Plant	\$ -	Line 23 Minus Line 24	25

¹ The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.

Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2017 - December 31, 2018 (\$1,000)

Line				Line
No.		Amounts	Reference	No.
	ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS			
1	A. Derivation of Annual Fix Charge Rate (AFCR FU) Applicable to			1
2	Weighted Forecast Plant Additions:			2
3	PYRR _{EU} Excluding Franchise Fees and Uncollectible	\$ 676,005	Statement BK-1; Page 1; Line 33	3
4	50% of Transmission O&M Expense	(36,625)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(24,758)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use		Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU) Excluding FF&U	\$ 612,554	Sum Lines 3 thru 11	12
13				13
14	Gross Transmission Plant	\$ 5,073,310	Statement BK-1; Page 3, Line 6	14
15				15
16	Annual Fix Charge Rate (AFCR _{EU})	12.0741%	Line 12 / Line 14	16
17	<u> </u>			17
18	Weighted Forecast Plant Additions	\$ 867,661	Summary of HV-LV Plant Additions; Pg 1; Ln 5 Col. (f)	, 18
19				19
20	Forecast Period Capital Addition Revenue Requirements	\$ 104,762	Line 16 x Line 18	20

Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC _{EU}) For the Forecast Period January 1, 2017 - December 31, 2018 (\$1,000)

Line No.		Amounts	Reference	Line No.
	ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE			
	CAPITAL PROJECTS			
1	A. Derivation of Annual Fix Charge Rate (AFCR ELLIR, ROF) Applicable to			1
2	Incentive Weighted Forecast Plant Additions (ROE Incentive Only):			2
3	PYRR _{EU-IR-ROE} Excluding Franchise Fees and Uncollectible	\$ 676,005	Statement BK-1; Page 1; Line 33 + Line 42	3
4	50% of Transmission O&M Expense	(36,625)	Statement BK-1; Page 1; Line 2 * 50%	4
5	50% of Transmission Related A&G Expense	(24,758)	Statement BK-1; Page 1; Line 4 * 50%	5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement BK-1; Page 1; Line 6	6
7	Valley Rainbow Project Cost Amortization Expense	-	Statement BK-1; Page 1; Line 12	7
8	South Georgia Income Tax Adjustment	(2,333)	Statement BK-1; Page 1; Line 26	8
9	Transmission Related Amortization of Investment Tax Credit	265	Statement BK-1; Page 1; Line 27	9
10	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement BK-1; Page 1; Line 28	10
11	(Gains)/Losses from Sale of Plant Held for Future Use	-	Statement BK-1; Page 1; Line 31	11
12	Adjusted Total (PYRR EU-IR-ROE) Excluding FF&U	\$ 612,554	Sum Lines 3 thru 11	12
13				13
14	Gross Transmission Plant & Incentive Transmission Plant	\$ 5,073,310	Statement BK-1; Page 3, Line 6 + Line 23	14
15			, ,	15
16	Incentive Annual Fix Charge Rate (AFCR EU-IR-ROE) 1	12.0741%	Line 12 / Line 14	16
17	meent to runnaar rive charge rease (rir ere guire-rote)	12.07 1170	Ente 12 / Ente 11	17
18	Incentive Weighted Forecast Plant Additions	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 8;	
10	meentive weighted rolecast raint Additions	y -	Col. (f)	10
19			Col. (1)	19
20	Forecast Period Incentive Capital Addition Revenue Requirements (FC FILIR-ROF)	\$ -	Line 16 x Line 18	20
	Torcast Teriod meetitive Capital Addition Revenue Requirements (TC EU-IR-ROE)	3 -	Line 10 x Line 18	
21	D.D. J. J. CH. J. C. CHIDD			21
22	B. Derivation of Incentive Forecast Transmission CWIP Revenues:			22
23	1. For the Period After the Base Period and Before the Rate Effective Period: Incentive Weighted Forecast Transmission Construction Work In Progress	e	A	23
24	incentive weighted Forecast Transmission Construction work in Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln 10; Col. (f)	24
25				25
26	Cost of Capital Rate (COCR)	11.5050%	Statement AV; Page 15, Line 31	26
27	1 (cock)		, 8 ,	27
28	Incentive Transmission Forecast CWIP Projects Revenue Requirements	s -	Line 24 x Line 26	28
29				29
30	2. For the Period During the Rate Effective Period:			30
31	Incentive Weighted Forecast Transmission Construction Work In Progress	\$ -	Summary of HV-LV Plant Additions; Pg 1; Ln	31
			12; Col. (f)	
32			, (,	32
33	Cost of Capital Rate (COCR)	11.5050%	Statement AV; Page 15, Line 31	33
34	(COUR)	11.000070		34
35	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Line 31 x Line 33	35
36	moentre Transmission Foredat C will Trojecto Revenue Requirements	<u> </u>	Line 31 A Line 33	36
37	Total Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Sum Lines 28; 35	37
51	Toma meeting of Timestands on I of Oreas Court I Tojecto Revenue requirements	Ψ	Sum Emes 20, 33	5,

¹ The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.

Derivation of End Use Base Transmission Revenue Requirements (BTRR $_{\rm EU}$) For the Rate Effective Period January 1, 2018 - December 31, 2018 (\$1,000)

Line No.		A	mounts	Reference	Line No.
1	A. End Use Customer Base Transmission Revenue Requirement (BTRR FU):				1
2					2
3	End of Prior Year Revenues (PYRR _{EU}) Excluding FF&U	\$	676,005	Statement BK-1; Page 1; Line 33	3
4					4
5	Incentive End of Prior Year Revenues (PYRR EU-IR) Excluding FF&U		-	Statement BK-1; Page 1; Line 58	5
6					6
7	Sub-Total Base Period Revenues	\$	676,005	Sum Lines 3 thru 5	7
8					8
9	Retail True-Up Period Adjustment	\$	30,689	(Retail TU Adj; Total Col; Line 29) / 1,000	9
10			2.026		10
11	Retail Interest True-Up Adjustment ¹		2,036	(Retail Int TU-1 + Retail Int TU-2; Ttl Col; Ln 18)/1,000	11
12					12
13	Sub-Total True-Up Adjustments	\$	32,724	Sum Lines 9 thru 11	13
14					14
15	B. Annual Fixed Charges Applicable to Capital Projects:				15
16	E DISTONATION DE LA COMPANION		104.760	Grand DW 1 D 4 L 20	16
17 18	Forecast Period Capital Addition Revenue Requirements	\$	104,762	Statement BK-1; Page 4, Line 20	17 18
19	C. Annual Fixed Charges Applicable to Incentive Capital Projects:				19
20	C. Annual Fixed Charges Applicable to incentive Capital Frojects:				20
21	Forecast Period Incentive Capital Additions Revenue Requirements (FC FILIR-ROF)	S		Statement BK-1; Page 5, Line 20	21
22	Torocast Ferrod incentive capital Additions revenue reclaiments (FC EU-IR-ROE)	Ψ	-	Statement BK-1, 1 age 3, Line 20	22
23	D. Incentive Forecast Transmission CWIP Revenues:				23
24	Difficulty 1 vicense 11 unsums/son 5 trial 10 tentes				24
25	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$	_	Statement BK-1; Page 5, Line 37	25
26				, ,	26
27	E. Subtotal BTRR FIL Excluding FF&U:	\$	813,492	Sum Lines 7; 13; 17; 21; 25	27
28					28
29	Transmission Related Municipal Franchise Fees Expenses		8,360	Line 27 x 1.0277%	29
30	Transmission Related Uncollectible Expense		1,415	Line 27 x 0.174%	30
31					31
32	F. Total Retail BTRR FU With FF&U	\$	823,267	Sum Lines 27 thru 30	32

¹ This amount represents the Interest True-Up Adjustment on the previous cycle True-Up Adjustment under-collection/(over-collection) balance.

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SAN DIEGO GAS AND ELECTRIC COMPANY

Statement AV - Workpapers

Cost of Capital and Fair Rate of Return Base Period & True-Up Period 12 - Months Ending December 31, 2016 (\$1,000)

	()			
Line			7.4	Line
No.	_	Amounts	Reference	No.
1	Long Town Dobt Component Denominators			1
1 2	Long-Term Debt Component - Denominator: (Plus) Bonds (Acct. 221) (p112.Line18c)	\$ 4,348,934	Form 1; Page 112; Line 18c	2
3	(Less) Reacquired Bonds (Acct. 222) (p112.Line19c)	φ 4,546,954	Form 1; Page 112; Line 19c	3
4	(Plus) Other Long-Term Debt (Acct. 224) (p112.Line17c)		Form 1; Page 112; Line 21c	4
5	(Plus) Unamortized Premium on Long-Term Debt (Acct 225) (p112.Line22c)		Form 1; Page 112; Line 22c	5
6	(Less) Unamortized Discount on Long-Term Debt-Debit (Acct 226) (p112.Line23c)	10,661	Form 1; Page 112; Line 23c	6
Ů	(Less) Chamorazed Discount on Long Term Dear Dear (Neet 220) (p.112.Dime230)	10,001	Line 2 Minus Line 3 Plus Lines 4 & 5 Minus	Ü
7	LTD = Long Term Debt (p112, sum of Line17d thru Line22d, details on p256-257)	\$ 4,338,273	Line 6	7
8	,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		8
9	Long-Term Debt Component - Numerator:			9
10	(Plus) Interest on Long-Term Debt (427) (p117.Line62c)	\$ 176,237	Form 1; Page 117; Line 62c	10
11	(Plus) Amort. of Debt Disc. and Expense (428) (p117.Line63c)	3,332	Form 1; Page 117; Line 63c	11
12	(Plus) Amortization of Loss on Reacquired Debt (428.1) (p117.Line64c)	3,264	Form 1; Page 117; Line 64c	12
13	(Less) Amort. of Premium on Debt-Credit (429) (p117.Line65c)		Form 1; Page 117; Line 65c	13
14	(Less) Amortization of Gain on Reacquired Debt-Credit (429.1) (p117.Line66c)	_	Form 1; Page 117; Line 66c	14
15	i = LTD interest (p117, sum of Line56c thru Line60c, details on p257))	\$ 182,833	Sum Lines 10; 11; 12 Minus Lines 13 & 14	15
16	1 //		, ,	16
17	Cost of Long-Term Debt:	4.21%	Line 15 / Line 7	17
18	_ 			18
19	Preferred Equity Component:			19
20	PF = Preferred Stock - Acct 204 (p112.3c)	\$ -	Form 1; Page 112; Line 3c	20
21	d(pf) = Total Dividends Declared-Preferred Stocks (Acct. 437) (p118.29c)	\$ -	Form 1; Page 118; Line 29c	21
22	Cost of Preferred Equity	0.00%	Line 21 / Line 20	22
23	Cost of Freience Equity	0.0070	Effic 21 / Effic 20	23
24	Common Equity Component:			24
25	Proprietary Capital (p112.16c)	\$ 5,640,460	Form 1; Page 112; Line 16c	25
26	(Less) Preferred Stock - Acct 204 (p112.3c)	5 5,040,400	Form 1; Page 112; Line 3c	26
27	(Less) Unappropriated Undistributed Subsidiary Earnings (Acct. 216.1) (p112.12c)		Form 1; Page 112; Line 12c	27
28	(Less) Accumulated Other Comprehensive Income (Acct. 219) (p112.12c)	(7,479)	Form 1; Page 112; Line 15c	28
29	CS = Common Stock	\$ 5,647,939	Line 25 Minus Lines 26, 27 & 28	29
30	CS – Collinion Stock	\$ 3,047,939	Line 23 Willius Lines 20, 27 & 28	
30			Offer of Settlement in FERC Docket No. ER13-941-	30
31	Return on Common Equity:	10.05%	001	31
32	(a) (b) (c)	$(d) = (b) \times (c)$	VVI	32
33	Cap. Struct. Cost of	Weighted		33
	, ^	-		
34	Weighted Cost of Capital: Amount 1 Ratio Capital	Cost of Capital		34
35	J T D. l.t 4.210/	1.020/	Col. C. Line 17 Alexand	35
36	Long-Term Debt \$ 4,338,273 43.44% 4.21%		Col. C = Line 17 Above	36
37	Preferred Equity - 0.00% 0.00% Common Equity 5,647,939 56.56% 10.05%		Col. C = Line 22 Above	37
38 39	1 2		Col. C = Line 31 Above	38 39
	Total Capital \$ 9,986,212 100.00%	7.51%	Sum Lines 36 thru 38	
40	G + CF + G + (P C 10 G	5 600/	G I: 27.20 G I (I)	40
41	Cost of Equity Component (Preferred & Common):	5.68%	Sum Lines 37; 38; Col. (d)	41
42				42
43	7 1 7 2 7 1 2			43
44	Incentive Return on Common Equity: ²	0.00%	Stmt AV WP; Page AV-1; Line 1	44
45	(a) (b) (c)	(d) = (b) x (c)		45
46	Cap. Struct. Cost of	Weighted		46
47	Weighted Cost of Capital: Amount 1 Ratio Capital	Cost of Capital		47
48	-	•		48
49	Long-Term Debt \$ 4,338,273 43.44% 4.21%	1.83%	Col. $C = Line 17 Above$	49
50	Preferred Equity - 0.00% 0.00%		Col. $C = Line 22 Above$	50
51	Common Equity 5,647,939 56.56% 0.00%		Col. $C = Line 44 Above$	51
52	Total Capital \$ 9,986,212 100.00%	1.83%	Sum Lines 49 thru 51	52
53	- <u>- · · · · · · · · · · · · · · · · · ·</u>			53
54	Incentive Cost of Equity Component (Preferred & Common):	0.00%	Sum Lines 50; 51; Col. (d)	54
			, , , , ,	

Amount is based upon December 31 balances.

The Incentive Return on Common Equity will be tracked and shown separately for each project. As a result, lines 44 through 54 will be repeated for each project.

Statement AV

Cost of Capital and Fair Rate of Return

Base Period & True-Up Period 12 - Months Ending December 31, 2016

(\$1,000)

Line				Line
No.	-	Amounts	Reference	No.
1	Cost of Capital Rate (COCR) Calculation:			1
2				2
3	a. Federal Income Tax Component:			3
4				4
5	Where:			5
6	A = Sum of Preferred Stock and Return on Equity Component	5.68%	Stmt AV WP; Page AV1; Line 41	6
7	B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab.	\$ 265	Statement AR; Page 1; Line 5	7
8	C = Equity AFUDC Component of Transmission Depreciation Expense	\$ 4,857	Stmt AV WP; Page AV-1; Line 4	8
9	D = Transmission Rate Base	\$ 3,244,395	Statement BK1; Page 2; Line 26	9
10	FT = Federal Income Tax Rate @ 35%	21.00%	√ Federal Income Tax Rate	10
11				11
12	Federal Income Tax = $(((A) + (C / D)) * FT) - (B / D)$	1.5393%	∨ Federal Income Tax Expense	12
13	(1 - FT)			13
14				14
15	B. State Income Tax Component:			15
16				16
17	Where:			17
18	A = Sum of Preferred Stock and Return on Equity Component	5.68%	Stmt AV WP; Page AV1; Line 41	18
19	B = Equity AFUDC Component of Transmission Depreciation Expense	\$ 4,857	Line 8 Above	19
20	C = Transmission Rate Base	\$ 3,244,395	Statement BK1; Page 2; Line 26	20
21	FT = Federal Income Tax Expense	1.5393%		21
22	ST = State Income Tax Rate @ 8.84%	8.84%	State Income Tax Rate	22
23				23
24	State Income Tax = $((A) + (B/C) + Federal Income Tax)*(ST)$	0.7146%	√ State Income Tax Expense	24
25	(1 - ST)			25
26		2.25200/	G I: 12.24	26
27	C. Total Federal & State Income Tax Rate:	2.2539%	∨ Sum Lines 12; 24	27
28	D. Total Waishtad Coat of Conital	7.51000/	Street AV WD. Daga AVI. Ling 20	28
29 30	D. Total Weighted Cost of Capital:	7.5100%	Stmt AV WP; Page AV1; Line 39	29 30
	E. Cost of Capital Rate (COCR):	0.7/200/	-1 S Lines 27, 20	
31	E. Cost of Capital Rate (COCR).	9.7639%	V Sum Lines 27; 29	31

[√] Items that are in bold have changed compared to the revised TO4 Cycle 5 filing per ER18-358 on the Federal Income Tax Rate.

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SAN DIEGO GAS AND ELECTRIC COMPANY

Statement AV

Cost of Capital and Fair Rate of Return

Base Period & True-Up Period 12 - Months Ending December 31, 2016 (\$1,000)

Line				Line
No.	_	Amounts	Reference	No.
1	Incentive Cost of Capital Rate (ICOCR) Calculation: 1			1
2				2
3	a. Federal Income Tax Component:			3
4				4
5	Where:			5
6	A = Sum of Preferred Stock and Return on Equity Component	0.00%	Stmt AV WP; Page AV1; Line 54	6
7	B = Trans. Related Amort. of ITC and Excess Deferred Tax Liab.	0	Shall be Zero for Incentive ROE Projects	7
8	C = Equity AFUDC Component of Transmission Depreciation Expense	\$ -	Stmt AV WP; Page AV-1; Line 7	8
9	D = Incentive ROE Project Transmission Rate Base	\$ -	Statement BK1; Page 2; Line 31	9
10	FT = Federal Income Tax Rate @ 35%	21%	Stmt AV WP; Page AV2; Line 10	10
11				11
12	Federal Income Tax = $(((A) + (C/D)) * FT) - (B/D)$	#DIV/0!	Federal Income Tax Expense	12
13	(1 - FT)			13
14				14
15	B. State Income Tax Component:			15
16				16
17	Where:			17
18	A = Sum of Preferred Stock and Return on Equity Component	0.00%	Stmt AV WP; Page AV1; Line 54	18
19	B = Equity AFUDC Component of Transmission Depreciation Expense	\$ -	Line 8 Above	19
20	C = Incentive ROE Project Transmission Rate Base	\$ -	Line 9 Above	20
21	FT = Federal Income Tax Expense	#DIV/0!	Line 12 Above	21
22	ST = State Income Tax Rate @ 8.84%	8.84%	Stmt AV WP; Page AV2; Line 22	22
23				23
24	State Income Tax = $((A) + (B/C) + Federal Income Tax)*(ST)$	#DIV/0!	State Income Tax Expense	24
25	(1 - ST)			25
26				26
27	C. Total Federal & State Income Tax Rate:	#DIV/0!	Sum Lines 12; 24	27
28				28
29	D. Total Incentive Weighted Cost of Capital:	1.8300%	Stmt AV WP; Page AV1; Line 52	29
30	· · · · · · · · · · · · · · · · · · ·			30
31	E. Incentive Cost of Capital Rate (ICOCR):	#DIV/0! 1	Sum Lines 27; 29	31

The Incentive Cost of Capital Rate Calculation will be tracked and shown separately for each project. As a result, lines 3 through 31 will be repeated for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

San Diego Gas & Electric Federal Income Tax Rate Adjustment Plus Accrued Interest Expense (Jan 2018 - Dec 2018) (\$1,000) ¹

Line									20	2018								
No.	Description	Reference	Jan-18	Feb-18	Mar-18		Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	H	Dec-18	Tot	Total No.
	Beginning Balance (Overcollection)/Undercollection	Previous Month's Balance	s	s	s	s -	(2,761)		(8,294) \$ (13,848)	\$ (19,421)	\$ (25,023)	(30,64	\$ (30,646) \$ (36,288) \$ (41,964) \$ (47,660)	8) \$ (41,	964) \$ (4	7,660)	s	
3.2	Retail BTRR Excluding FF&U Difference Associated with the Fed Income Tax Rate Change ¹	Monthly Allocation from Mar 15 - Dec 31, 2018			\$ (2,7	(2,756)	(5,512) \$	(5,512)	\$ (5,512)	(5,512) \$ (5,512) \$ (5,512)	\$ (5,512	(5,51	\$ (5,512) \$ (5,512) \$ (5,512) \$	2) \$ (5;	(5,512) \$ ((5,512)	S	(52,368)
4 2 4	Net Monthly (Overcollection)/Undercollection	Sum Line 3	· · s	· ·	\$ (2,7	(2,756) \$	(5,512) \$	(5,512) \$	\$ (5,512) \$	\$ (5,512) \$		(5,512) \$ (5,512) \$		(5,512) \$ (5,	(5,512) \$ ((5,512)	S	(52,368)
- N	Interest Expense Calculation: ² Beginning Balance for Interest Calculation	Beginning Quarterly Balances	· ·	Se	8		(2,761)		\$ (2,761)	\$ (19,421)	\$ (19,421	(19,42	(2,761) \$ (2,761) \$ (19,421) \$ (19,421) \$ (19,421) \$ (36,288) \$ (36,288)	(8)	288) \$ (3	6,288)		
10	Monthly Activity Included in Interest Calculation Basis	Interest Calculation Basis	0		0 (1,3	1,378)	(2,756)	(8,269)	(13,781)	(2,756)	(8,269)	(13,781)	(2,756)		(8,269)	(13,781)		
1 2 2 2 E	Basis for Interest Expense Calculation	Line 8 + Line 10	0		0 (1,3	(1,378)	(5,517)	(11,030)	(16,542)	(22,177)	(27,690)	(33,202)	2) (39,044)		(44,557)	(50,069)		
51 41	Monthly Interest Rate 3	FERC Monthly Rates	0.36000%	0.33000%	% 0.36000%		0.37000%	0.38000%	0.37000%	0.40000%	0.40000%	% 0.39000%	% 0.42000%	% 0.41000%		0.42000%		
15	Interest Expense	Line 12 x Line 14	· S	· s	S	(5)	(20)	(42)	\$ (61)	(89)	\$ (111)	(129)		(164) \$ ((183) \$	(210)	S	(1,014)
17	Ending Balance (Overcollection)/Undercollection	Line 1 + Line 5 + Line 16	- S	- S	\$ (2,7	(2,761) \$	(8,294) \$	(13,848)	\$ (19,421)	\$ (25,023)	(8.294) S (13,848) S (19,421) S (25,023) S (30,646) S (36,288)	(36,28	8) \$ (41,96	\$ (41,964) \$ (47,660) \$ (53,382)	660) \$ (5	3,382)	S	(53,382)
19																		

NOTES:

¹ Total Undercollection on line 5 ties to Page 2.6; Col (c); Line 37.

Interest expense calculation is predicated based on the methodology prescribed under Title 18 of the Code of Federal Regulations, Section 35.19A, where interest expense is compounded on a quarterly basis using the average balance of the overcollection or undercollection.

Juterest rates are based on the actual rate posted on the FERC website thru Dec 2018.