

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Southern California Edison Company)
)
) **Dkt. No. ER18-_____ -000**

EXHIBIT SCE-4

**EXHIBIT TO THE TESTIMONY OF
MR. BERTON J. HANSEN**

**ON BEHALF OF
SOUTHERN CALIFORNIA EDISON COMPANY**

OCTOBER 2017

Exhibit SCE-4

Proposed Formula Rate Spreadsheet for 2018 Rate Year

Attachment 2 to Appendix IX

Formula Rate Spreadsheet

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Overview of SCE Retail Base TRR

SCE's retail Base Transmission Revenue Requirement is the sum of the following components:

<u>TRR Component</u>	<u>Amount</u>
Prior Year TRR	\$1,099,599,089
Incremental Forecast Period TRR	\$109,324,746
True-Up Adjustment	-\$39,617,212
Cost Adjustment	<u>\$0</u>
Base TRR (retail)	\$1,169,306,623

These components represent the following costs that SCE incurs:

- 1) The Prior Year TRR component is the TRR associated with the Prior Year (most recent calendar year).
The Prior Year TRR is calculated using End-of-Year Rate Base values, as set forth in the "1-BaseTRR" Worksheet.
- 2) The Incremental Forecast Period TRR is the component of Base TRR associated with forecast additions to in-service plant or CWIP, as set forth in the "2-IFPTRR" Worksheet.
- 3) The True Up Adjustment is a component of the Base TRR that reflects the difference between projected and actual costs, as set forth in the "3-TrueUpAdjust" Worksheet.
- 4) The Cost Adjustment component may be included as provided in the Tariff protocols.

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Cells shaded yellow are input cells

Formula Transmission Rate

Line	Notes	FERC Form 1 Reference or Instruction	2016 Value
RATE BASE			
1	ISO Transmission Plant	6-PlantInService, Line 19	\$8,276,570,295
2	General Plant + Electric Miscellaneous Intangible Plant	6-PlantInService, Line 27	\$279,277,011
3	Transmission Plant Held for Future Use	11-PHFU, Line 8	\$9,942,155
4	Abandoned Plant	12-AbandonedPlant, Line 3	\$0
<u>Working Capital amounts</u>			
5	Materials and Supplies	13-WorkCap, Line 16	\$14,660,302
6	Prepayments	13-WorkCap, Line 36	\$6,126,106
7	Cash Working Capital	(Line 66 + Line 67) / 8	<u>\$16,684,622</u>
8	Working Capital	Line 5 + Line 6 + Line 7	\$37,471,030
<u>Accumulated Depreciation Reserve Balances</u>			
9	Transmission Depreciation Reserve - ISO	Negative amount	8-AccDep, Line 13, Col. 12
10	Distribution Depreciation Reserve - ISO	Negative amount	8-AccDep, Line 16, Col. 5
11	General + Intangible Plant Depreciation Reserve	Negative amount	8-AccDep, Line 26
12	Accumulated Depreciation Reserve	Line 9 + Line 10 + Line 11	-\$1,467,790,558 \$0 -\$118,208,640 -\$1,585,999,198
13	Accumulated Deferred Income Taxes	Negative amount	9-ADIT, Line 4, Col. 2
14	CWIP Plant		-1,550,608,605
15	Other Regulatory Assets/Liabilities		14-IncentivePlant, L 12, Col 1
16	Unfunded Reserves		\$115,749,706
17	Network Upgrade Credits	Negative amount	23-RegAssets, Line 14
18	Rate Base	L1 + L2 + L3 + L4 + L8 + L12 + L13 + L14+ L15+ L16 + L17	\$0 -\$11,279,549 -\$119,779,556 \$5,451,343,289
OTHER TAXES			
19	Sub-Total Local Taxes	FF1 263.2, Row 39, Column i	FF1 263 or 263.x (see note to left)
20	Transmission Plant Allocation Factor		27-Allocators, Line 22
21	Property Taxes		Line 19 * Line 20
22	Payroll Taxes Expense		
23	FICA		Line 24 + Line 25+ Line 26
24	Fed Ins Cont Amt -- Current	FF1 263, Row 6, Column i	FF1 263 or 263.x (see note to left)
25	FICA/OASDI Emp Incntv.	FF1 263, Row 8, Column i	FF1 263 or 263.x (see note to left)
26	FICA/HIT Emp Incntv.	FF1 263, Row 9, Column i	FF1 263 or 263.x (see note to left)
27	CA SUI Current	FF1 263, Row 24, Column i	FF1 263 or 263.x (see note to left)
28	Fed Unemp Tax Act- Current	FF1 263, Row 10, Column i	FF1 263 or 263.x (see note to left)
29	CADI Vol Plan Assess	FF1 263.1, Row 40, Column i	FF1 263 or 263.x (see note to left)
30	SF Pysl Exp Tx - SCE	FF1 263.1, Row 38, Column i	FF1 263 or 263.x (see note to left)
31	Total Electric Payroll Tax Expense		Line 23 + (Line 27 to Line 30)
32	Capitalized Overhead portion of Electric Payroll Tax Expense		26-TaxRates, Line 16
33	Remaining Electric Payroll Tax Expense to Allocate		Line 31 - Line 32
34	Transmission Wages and Salaries Allocation Factor		27-Allocators, Line 9
35	Payroll Taxes Expense		Line 33 * Line 34
36	Other Taxes	Note 1	Line 21 + Line 35

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Cells shaded yellow are input cells

Formula Transmission Rate

Line	Notes	FERC Form 1 Reference or Instruction	2016 Value
RETURN AND CAPITALIZATION CALCULATIONS			
<u>Debt</u>			
37	Long Term Debt Amount	5-ROR-1, Line 12	\$9,523,029,143
38	Cost of Long Term Debt	Line 37 * Line 39	\$472,494,563
39	Long Term Debt Cost Percentage	5-ROR-3, Line 10	4.9616%
<u>Preferred Stock</u>			
40	Preferred Stock Amount	5-ROR-1, Line 16	\$2,152,785,189
41	Cost of Preferred Stock	Line 40 * Line 42	\$124,915,908
42	Preferred Stock Cost Percentage	5-ROR-4, Line 9	5.8025%
<u>Equity</u>			
43	Common Stock Equity Amount	5-ROR-1, Line 22	\$11,956,142,581
44	Total Capital	Line 37 + Line 40 + Line 43	\$23,631,956,913
<u>Capital Percentages</u>			
45	Long Term Debt Capital Percentage	Line 37 / Line 44	40.2973%
46	Preferred Stock Capital Percentage	Line 40 / Line 44	9.1096%
47	Common Stock Capital Percentage	Line 43 / Line 44	<u>50.5931%</u>
<u>Annual Cost of Capital Components</u>			
48	Long Term Debt Cost Percentage	Line 39	4.9616%
49	Preferred Stock Cost Percentage	Line 42	5.8025%
50	Return on Common Equity	Note 2 SCE Return on Equity	10.80%
<u>Calculation of Cost of Capital Rate</u>			
51	Weighted Cost of Long Term Debt	Line 39 * Line 45	1.9994%
52	Weighted Cost of Preferred Stock	Line 42 * Line 46	0.5286%
53	Weighted Cost of Common Stock	Line 47 * Line 50	<u>5.4641%</u>
54	Cost of Capital Rate	Line 51 + Line 52 + Line 53	7.9920%
55	Equity Rate of Return Including Common and Preferred Stock	Used for Tax calculation Line 52 + Line 53	5.9926%
56	Return on Capital: Rate Base times Cost of Capital Rate	Line 18 * Line 54	\$435,673,172
INCOME TAXES			
57	Federal Income Tax Rate	26-Tax Rates, Line 1	35.0000%
58	State Income Tax Rate	26-Tax Rates, Line 8	8.8400%
59	Composite Tax Rate	= F + [S * (1 - F)] (L57 + L58) - (L57 * L58)	40.7460%
<u>Calculation of Credits and Other:</u>			
60	Amortization of Excess Deferred Tax Liability	Note 3	\$200
61	Investment Tax Credit Flowed Through	Note 3	-\$520,000
62	South Georgia Income Tax Adjustment	Note 3	<u>\$2,606,000</u>
63	Credits and Other	Line 60 + Line 61+ Line 62	\$2,086,200
64	Income Taxes:	Formula on Line 65	\$230,428,899
65	Income Taxes = [((RB * ER) + D) * (CTR/(1 - CTR))] + CO/(1 - CTR)		
<u>Where:</u>			
	RB = Rate Base	Line 18	
	ER = Equity Rate of Return Including Common and Preferred Stock	Line 55	
	CTR = Composite Tax Rate	Line 59	
	CO = Credits and Other	Line 63	
	D = Book Depreciation of AFUDC Equity Book Basis	SCE Records	\$3,296,636

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Cells shaded yellow are input cells

Formula Transmission Rate

<u>Line</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>2016 Value</u>
PRIOR YEAR TRANSMISSION REVENUE REQUIREMENT			
<u>Component of Prior Year TRR:</u>			
66		19-OandM, Line 91, Col. 6	\$81,050,973
67		20-AandG, Line 23	\$52,426,004
68		22-NUCs, Line 8	\$2,616,283
69		17-Depreciation, Line 70	\$230,409,242
70		12-AbandonedPlant, Line 1	\$37,069,049
71		Line 36	\$58,568,952
72	Negative amount	21-Revenue Credits, Line 44	-\$77,928,965
73		Line 56	\$435,673,172
74		Line 64	\$230,428,899
75	Gains and Losses on Trans. Plant Held for Future Use -- Land	11-PHFU, Line 10	\$0
76	Amortization and Regulatory Debits/Credits	23-RegAssets, Line 16	\$0
77	Prior Year Incentive Adder	15-IncentiveAdder, Line 14	<u>\$36,662,105</u>
78	Total without FF&U	Sum of Lines 66 to 77	\$1,086,975,714
79	Franchise Fees Expense	L 78 * FF Factor (28-FFU, L 5)	\$10,006,372
80	Uncollectibles Expense	L 78 * U Factor (28-FFU, L 5)	\$2,617,003
81	Prior Year TRR	Line 78 + Line 79+ Line 80	\$1,099,599,089
TOTAL BASE TRANSMISSION REVENUE REQUIREMENT			
<u>Calculation of Base Transmission Revenue Requirement</u>			
82		Line 81	\$1,099,599,089
83		2-IFPTRR, Line 82	\$109,324,746
84		3-TrueUpAdjust, Line 30	-\$39,617,212
85	Cost Adjustment	Note 4	<u>\$0</u>
86	Base Transmission Revenue Requirement (Retail)	For Retail Purposes	L 82 + L 83 + L 84 + L 85
<u>Wholesale Base Transmission Revenue Requirement</u>			
87	Base TRR (Retail)	Line 86	\$1,169,306,623
88	Wholesale Difference to the Base TRR	25-WholesaleDifference, Line 45	<u>-\$6,395,449</u>
89	Wholesale Base Transmission Revenue Requirement	Line 87 + Line 88	\$1,162,911,173

Notes:

- Any amount of "Sub-Total Local Taxes" or "Payroll Taxes Expense" may be excluded if appropriate with the provision of a workpaper showing the reason for the exclusion and the amount of the exclusion.
- No change in Return on Common Equity will be made absent a Section 205 filing at the Commission.
Does not include any project-specific ROE adders.
In the event that the Return on Common Equity is revised from the initial value, enter cite to Commission Order approving the revised ROE on following line.
Order approving revised ROE: [REDACTED]
- No change in Amortization of Excess Deferred Tax Liability or South Georgia Income Tax Adjustment "Credits and Other" terms will be made absent a filing at the Commission. Investment Tax Credit Flowed Through amount shall be negative \$520,000 through the Prior Year of 2018, negative \$183,000 for the Prior Year of 2019, and \$0 thereafter.
- Cost Adjustment may be included as provided in the Tariff protocols.

Calculation of Incremental Forecast Period TRR ("IFPTRR")

The IFP TRR is equal to the sum of:

- 1) Forecast Plant Additions * AFCR
- 2) Forecast Period Incremental CWIP * AFCR for CWIP

1) Calculation of Annual Fixed Charge Rates:

Line a) Annual Fixed Charge Rate for CWIP ("AFCRCWIP")

1
2 AFCRCWIP represents the return and income tax costs associated with \$1 of CWIP,
3 expressed as a percent.

4
5 $AFCRCWIP = CLTD + (COS * (1/(1 - CTR)))$

6
7 where:

8 CLTD = Weighted Cost of Long Term Debt

9 COS = Weighted Cost of Common and Preferred Stock

10 CTR = Composite Tax Rate

			<u>Reference</u>
11			
12	Wtd. Cost of Long Term Debt:	1.999%	1-BaseTRR, Line 51
13	Wtd. Cost of Common + Pref. Stock:	5.993%	1-BaseTRR, Line 55
14	Composite Tax Rate:	40.746%	1-BaseTRR, Line 59

15
16 $AFCRCWIP = 12.113\% \text{ Line 12} + (\text{Line 13} * (1/(1 - \text{Line 14})))$

17
18 **b) Annual Fixed Charge Rate ("AFCR")**

19
20 The AFCR is calculated by dividing the Prior Year TRR (without CWIP related costs)
21 by Net Plant:

22
23 $AFCR = (\text{Prior Year TRR} - \text{CWIP-related costs}) / \text{Net Plant}$

24
25 **Determination of Net Plant:**

			<u>Reference</u>
26			
27	Transmission Plant - ISO:	\$8,276,570,295	6-PlantInService, Line 13
28	Distribution Plant - ISO:	\$0	6-PlantInService, Line 16
29	Transmission Dep. Reserve - ISO:	\$1,467,790,558	8-AccDep, Line 13
30	Distribution Dep. Reserve - ISO:	\$0	8-AccDep, Line 16
31	Net Plant:	\$6,808,779,737	(L27 + L28) - (L29 + L30)

32
33 **Determination of Prior Year TRR without CWIP related costs:**

34
35 **a) Determination of CWIP-Related Costs**

36 **1) Direct (without ROE adder) CWIP costs**

37	CWIP Plant - Prior Year:	\$115,749,706	10-CWIP, L 13 C1
38	AFCRCWIP:	12.113%	Line 16
39	Direct CWIP Related Costs:	\$14,020,617	Line 37 * Line 38

40
41 **2) CWIP ROE Adder costs:**

42	IREF:	\$8,538	15-IncentiveAdder, Line 3
43			
44	Tehachapi CWIP Amount:	\$14,915,548	10-CWIP, Line 13
45	Tehachapi ROE Adder %:	1.25%	15-IncentiveAdder, Line 5
46	Tehachapi ROE Adder \$:	\$159,193	Formula on Line 52

47			
48	DCR CWIP Amount:	\$0	10-CWIP, Line 13
49	DCR ROE Adder %:	1.00%	15-IncentiveAdder, Line 6
50	DCR ROE Adder \$:	\$0	Formula on Line 52

51
52 $ROE \text{ Adder } \$ = (\text{CWIP}/\$1,000,000) * IREF * (\text{ROE Adder}/1\%)$

53			
54	CWIP Related Costs wo FF&U:	\$14,179,809	Line 39 + Line 46 + Line 50
55	FF&U Expenses:	<u>\$164,674</u>	(28-FFU, L5 FF Factor + U Factor) * L54
56	CWIP Related Costs with FF&U:	\$14,344,484	Line 54 + Line 55

57

58 **b) Determination of AFCR:**

59			
60	CWIP Related Costs wo FF&U:	\$14,179,809	Line 54
61	Prior Year TRR wo FF&U:	\$1,086,975,714	1-BaseTRR, Line 78
62	Prior Year TRR wo CWIP Related Costs:	\$1,072,795,905	Line 61 - Line 60
63	75% of O&M and A&G in Prior Year TRR:	\$100,107,733	(1-BaseTRR, Line 66 + Line 67) * .75
64	AFCR:	14.286%	(Line 62 - Line 63) / Line 31
65			

66 **2) Calculation of IFP TRR**

67			
68			<u>Reference</u>
69	Forecast Plant Additions:	\$658,584,613	16-PlantAdditions, L 25, C10
70	AFCR:	14.286%	Line 64
71	AFCR * Forecast Plant Additions:	\$94,084,034	Line 69 * Line 70
72			
73	Forecast Period Incremental CWIP:	\$115,461,165	10-CWIP, L 54, C8
74	AFCRCWIP:	12.113%	Line 16
75	AFCRCWIP * FP Incremental CWIP:	\$13,985,666	Line 73 * Line 74
76			
77	IFPTRR without FF&U:	\$108,069,700	Line 71 + Line 75
78			
79	Franchise Fees Expense:	\$994,857	Line 77 * FF (from 28-FFU, L 5)
80	Uncollectibles Expense:	\$260,189	Line 77 * U (from 28-FFU, L 5)
81			
82	Incremental Forecast Period TRR:	\$109,324,746	Line 77 + Line 79 + Line 80

Calculation of True Up Adjustment Component of TRR

1) Summary of True Up Adjustment calculation:

- a) Attribute True Up TRR to months in the Prior Year (see Note #1) to determine "Monthly True Up TRR" for each month (see Note #2).
- b) Determine monthly retail transmission revenues attributable to this formula transmission rate received during Prior Year.
- c) Compare costs in (a) to revenues in (b) on a monthly basis and determine "Cumulative Excess (-) or Shortfall (+) in Revenue with Interest".
- d) Include previous Annual Update Cumulative Excess or Shortfall in Prior Year (from Previous Annual Update Line 23) and any One-Time Adjustments in Column 4 (Lines 11 and 12 respectively).
- e) Continue interest calculation through the end of the Prior Year (Line 23) to determine Cumulative Excess or Shortfall for this Annual Update.

2) Comparison of True Up TRR and Actual Retail Transmission Revenues received during the Prior Year, Including previous Annual Update Cumulative Excess or Shortfall in Revenue.

Line		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9
1	True Up TRR:	\$1,062,934,400		Source:	From 4-TUTRR,	Line 46				
2										
3										
4	Calculations:	See Note 2	See Note 3	See Note 4	= C2 - C3 + C 4	See Note 5	See Note 6	See Note 7	=C7 + C8	
5										
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22										
23										

24 4) True Up Adjustment

Line			Notes:
25			
26	Shortfall or Excess Revenue in Prior Year:	\$56,501,075	Line 23, Column 9
27	Previous Annual Update TU Adjustment:	\$ 94,152,863	Previous Annual Update Schedule 3, Line 30
28	TU Adjustment without Projected Interest	-\$37,651,788	Line 26 - Line 27
29	Projected Interest to Rate Year Mid-Point:	-\$1,965,423	Line 28 * (Line 23, Column 6) * 18 months
30	True Up Adjustment:	-\$39,617,212	Line 28 + Line 29. Positive amount is to be collected by SCE (included in Base TRR as a positive amount). Negative amount is to be returned to customers by SCE (included in Base TRR as a negative amount).
31			

32 5) Final True Up Adjustment

- 33 The Final True Up Adjustment begins on the month after the last True Up Adjustment and extends through the termination date of this formula transmission rate.
- 34 The Final True Up Adjustment shall be calculated as above, with interest to the termination date of the Formula Transmission Rate.
- 35
- 36

37 Partial Year TRR Attribution Allocation Factors:

38	Partial Year		
39	Month	TRR AAF	Note:
40	January	6.376%	See Note 2.
41	February	5.655%	
42	March	7.183%	
43	April	8.224%	
44	May	8.018%	
45	June	8.945%	
46	July	9.891%	
47	August	10.141%	
48	September	10.218%	
49	October	9.179%	
50	November	7.530%	
51	December	8.640%	
52	Total:	100.000%	

54 Transmission Revenues: (Note 8)

55	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	
56	See Note 9	See Note 10					Sum of left	
57								
58								
59		Actual					Monthly	
60	Prior	Retail Base					Total	
61	Year	Transmission	Other		Public		Retail	
62	Month	Revenues	Transmission	Distribution	Generation	Purpose	Other	Revenue
63	Jan	\$83,819,249	\$6,811,238	\$383,831,932	\$279,105,623	\$60,318,415	\$19,896,742	\$833,783,199
64	Feb	\$78,411,547	\$5,616,755	\$354,097,563	\$259,758,966	\$44,144,014	\$22,012,052	\$764,040,897
65	Mar	\$78,407,870	\$6,071,447	\$352,090,529	\$272,973,750	\$41,519,717	\$21,804,701	\$772,868,015
66	Apr	\$78,101,864	\$5,883,196	\$192,849,912	\$264,947,917	\$40,353,366	\$21,576,998	\$603,713,253
67	May	\$82,781,918	\$6,184,822	\$353,507,803	\$277,910,682	\$45,864,063	\$22,300,327	\$788,549,614
68	Jun	\$99,171,344	-\$3,145,703	\$431,448,084	\$544,814,544	\$57,011,875	\$27,650,219	\$1,156,950,364
69	Jul	\$109,857,523	-\$3,673,062	\$452,866,372	\$597,674,239	\$86,758,688	\$30,904,781	\$1,274,388,541
70	Aug	\$110,365,061	-\$3,591,852	\$486,955,393	\$604,298,112	\$110,206,500	\$30,975,483	\$1,339,208,696
71	Sep	\$92,876,534	-\$3,063,996	\$381,830,112	\$495,235,552	\$60,980,333	\$25,699,568	\$1,053,558,103
72	Oct	\$85,822,082	-\$2,772,450	\$145,428,528	\$303,295,334	\$57,102,910	\$23,195,857	\$612,072,262
73	Nov	\$77,456,671	-\$2,615,199	\$303,450,614	\$264,085,093	\$51,695,771	\$21,276,717	\$715,349,667
74	Dec	\$82,656,321	-\$2,690,298	\$376,516,169	\$281,781,780	\$58,153,449	\$22,468,963	\$818,886,384
75	Totals:	\$1,059,727,984	\$9,014,898	\$4,214,873,011	\$4,445,881,591	\$714,109,102	\$289,762,408	\$10,733,368,993

76 "Total Sales to Ultimate Consumers" from FERC Form 1 Page 300, Line 10, Column b: **\$10,733,368,993**

Instructions:

- 1) Enter applicable years on Column 1, Lines 11-23 (Prior Year and December of the year previous to the Prior Year).
- 2) Enter Previous Annual Update True Up Adjustment (if any) on Line 27.
Enter with the same sign as in previous Annual Update. If there is no Previous Annual Update True Up Adjustment, then enter \$0.
- 3) Enter monthly interest rates in accordance with interest rate specified in the regulations of FERC at 18 C.F.R. §35.19a on lines 12 to 23, Column 6.
- 4) Enter any One Time Adjustments on Column 4, Line 12 (or other appropriate). If SCE is owed enter as positive, if SCE is to return to customers enter as negative.
One Time Adjustments include:
 - a) In the event that a Commission Order revises SCE's True Up TRR for a previous Prior Year, SCE shall include that difference in the True Up Adjustment, including interest, at the first opportunity, in accordance with tariff protocols. Entering on Line 12 (or other appropriate) ensures these One Time Adjustments are recovered from or returned to customers.
 - b) Any refunds attributable to SCE's previous CWIP TRR cases (Docket Nos. ER08-375, ER09-187, ER10-160, and ER11-1952), not previously returned to customers.
 - c) Amounts resulting from input errors impacting the True Up TRR in a previous Formula Rate Annual Update pursuant to Protocol Section 3(d)(8).
- 5) Fill in matrix of all retail revenues from Prior Year in table on lines 63 to 74.
- 6) Enter Total Sales to Ultimate Consumers on line 77 and verify that it equals the total on line 75.
- 7) If true up period is less than entire calendar year, then adjust calculation accordingly by including \$0 Monthly True Up TRR and \$0 Actual Retail Base Transmission Revenues for any months not included in True Up Period.

Notes:

- 1) The true up period is the portion (all or part) of the Prior Year for which the Formula Transmission Rate was in effect.
- 2) The Monthly True Up TRR is derived by multiplying the annual True Up TRR on Line 1 by 1/12, if formula was in effect. In the event of a Partial Year True Up, use the Partial Year TRR Attribution Allocation Factors on Lines 40 to 51 for each month of Partial Year True Up. Only enter in the Prior Year, Lines 12 to 23, or portion of year formula was in effect in case of Partial Year True Up. Partial Year True Up Allocation Factors calculated based on three years (2008-2010) of monthly SCE retail base transmission revenues.
- 3) "Actual Retail Base Transmission Revenues" are SCE retail transmission revenues attributable to this formula transmission rate. as shown on Lines 63 to 74, Column 1.
- 4) Enter "Shortfall or Excess Revenue in Previous Annual Update" on Line 11, or other appropriate (from Previous Annual Update, Line 23, Column 9).
- 5) Monthly Interest Rates in accordance with interest rate specified in the regulations of FERC (See Instruction #3).
- 6) "Cumulative Excess (-) or Shortfall (+) in Revenue w/o Interest for Current Month" is, beginning for the January month, the amount in Column 9 for previous month plus the current month amount in Column 5. For the first December, it is the amount in Column 5.
- 7) Interest for Current Month is calculated on average of beginning and ending balances (Column 9 previous month and Column 7 current month). No interest is applied for the first December.
- 8) Only provide if formula was in effect during Prior Year.
- 9) Only include Base Transmission Revenue attributable to this formula transmission rate.
Any other Base Transmission Revenue or refunds is included in "Other".
The Base Transmission Revenues shown in Column 1 shall be reduced to reflect any retail customer refunds provided by SCE associated with the formula transmission rate that are made through a CPUC-authorized mechanism.
- 10) Other Transmission Revenue includes the following:
 - a) Transmission Revenue Balancing Account Adjustment revenue.
 - b) Transmission Access Charge Balancing Account Adjustment.
 - c) Reliability Services Revenue.
 - d) Any Base Transmission Revenue not attributable to this formula.

Calculation of True Up TRR

A) Rate Base for True Up TRR

<u>Line</u>	<u>Rate Base Item</u>	<u>Calculation Method</u>	<u>Notes</u>	<u>FERC Form 1 Reference or Instruction</u>	<u>Amount</u>
1	ISO Transmission Plant	13-Month Avg.		6-PlantInService, Line 18	\$7,902,835,352
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$275,543,182
3	Transmission Plant Held for Future Use	BOY/EOY Avg.		11-PHFU, Line 9	\$9,942,155
4	Abandoned Plant	BOY/EOY Avg.		12-AbandonedPlant Line 4	\$18,534,525
<u>Working Capital Amounts</u>					
5	Materials and Supplies	13-Month Avg.		13-WorkCap, Line 17	\$15,443,918
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$5,099,704
7	Cash Working Capital	1/8 (O&M + A&G)		1-Base TRR Line 7	<u>\$16,684,622</u>
8	Working Capital			Line 5 + Line 6 + Line 7	\$37,228,244
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,382,850,549
10	Distribution Depreciation Reserve - ISO	BOY/EOY Avg.	Negative amount	8-AccDep, Line 17, Col. 5	\$0
11	G + I Depreciation Reserve	BOY/EOY Avg.	Negative amount	8-AccDep, Line 23	<u>-\$119,467,537</u>
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$1,502,318,086
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT, Line 14	-\$1,384,321,610
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 12, C2	\$271,933,898
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 7	-\$73,457,041
16	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$12,414,249
17	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
18	Rate Base			L1+L2+L3+L4+L8+L12+ L13+L14+L15+L16+L17	\$5,543,506,370

B) Return on Capital

<u>Line</u>					
19	Cost of Capital Rate		See Instruction 1	Instruction 1, Line j	7.4861%
20	Return on Capital: Rate Base times Cost of Capital Rate			Line 18 * Line 19	\$414,992,552

C) Income Taxes

21	Income Taxes = $(((RB * ER) + D) * (CTR / (1 - CTR))) + CO / (1 - CTR)$				\$214,940,745
----	---	--	--	--	---------------

Where:

22	RB = Rate Base			Line 18	\$5,543,506,370
23	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1		Instruction 1, Line k	5.4867%
24	CTR = Composite Tax Rate			1-Base TRR L 59	40.7460%
25	CO = Credits and Other			1-Base TRR L 63	\$2,086,200
26	D = Book Depreciation of AFUDC Equity Book Basis			1-Base TRR L 65	\$3,296,636

D) True Up TRR Calculation

27	O&M Expense	1-Base TRR L 66	\$81,050,973
28	A&G Expense	1-Base TRR L 67	\$52,426,004
29	Network Upgrade Interest Expense	1-Base TRR L 68	\$2,616,283
30	Depreciation Expense	1-Base TRR L 69	\$230,409,242
31	Abandoned Plant Amortization Expense	1-Base TRR L 70	\$37,069,049
32	Other Taxes	1-Base TRR L 71	\$58,568,952
33	Revenue Credits	1-Base TRR L 72	-\$77,928,965
34	Return on Capital	Line 20	\$414,992,552
35	Income Taxes	Line 21	\$214,940,745
36	Gains and Losses on Transmission Plant Held for Future Use -- Land	1-Base TRR L 75	\$0
37	Amortization and Regulatory Debits/Credits	1-Base TRR L 76	\$0
38	Total without True Up Incentive Adder	Sum Line 27 to Line 37	\$1,014,144,834
39	True Up Incentive Adder	15-IncentiveAdder L 20	\$36,587,101
40	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Line 38 + Line 39	\$1,050,731,935

E) Calculation of final True Up TRR with Franchise Fees and Uncollectibles Expenses

<u>Line</u>			<u>Reference:</u>
41	True Up TRR wo FF:	\$1,050,731,935	Line 40
42	Franchise Fee Factor:	0.921%	28-FFU, L 5
43	Franchise Fee Expense:	\$9,672,723	Line 41 * Line 42
44	Uncollectibles Expense Factor:	0.241%	28-FFU, L 5
45	Uncollectibles Expense:	\$2,529,742	Line 43 * Line 44
46	True Up TRR:	\$1,062,934,400	L 41 + L 43 + L 45

Instructions:

1) Use weighted average (by time) of the Return on Equity in effect during the Prior Year in determining the "Cost of Capital Rate" on Line 19 and the "Equity Rate of Return Including Preferred Stock" on Line 23 in the event that the ROE is revised during the Prior Year. In this event, the ROE used in Schedule 1 will differ from the ROE used in this Schedule 4, because the Schedule 1 ROE will be the most recent ROE, whereas the Schedule 4 Cost of Capital Rate and Equity Rate of Return including Com. + Pref. Stock will be based on the weighted-average ROE.

Calculation of weighted average Cost of Capital Rate in Prior Year:

If ROE does not change during year, then attribute all days to Line a "ROE at end of Prior Year" and none to "ROE at start of PY"

	<u>Percentage</u>	<u>Reference:</u>	<u>From</u>	<u>To</u>	<u>Days ROE In Effect</u>
a ROE at end of Prior Year	9.80%	See Line e below	Jan 1, 2016	Dec 31, 2016	366
b ROE start of Prior Year	9.80%	See Line f below			
c				Total days in year:	366
d Wtd. Avg. ROE in Prior Year	9.80%	((Line a ROE * Line a days) + (Line b ROE * Line b days)) / Total Days in Year			

Commission Decisions approving ROE:

	<u>Reference:</u>
e End of Prior Year	Settlement in ER11-3697
f Beginning of Prior Year	Settlement in ER11-3697

	<u>Percentage</u>	<u>Reference:</u>
g Wtd. Cost of Long Term Debt	1.9994%	1-Base TRR L 51
h Wtd. Cost of Preferred Stock	0.5286%	1-Base TRR L 52
i Wtd. Cost of Common Stock	4.9581%	1-Base TRR L 47 * Line d
j Cost of Capital Rate	7.4861%	Sum of Lines g to i

Calculation of Equity Rate of Return Including Common and Preferred Stock:

	<u>Percentage</u>	<u>Reference:</u>
k	5.4867%	Sum of Lines h to i

Calculation of Components of Cost of Capital Rate

Cells shaded yellow are input cells.

	Notes	FERC Form 1 Reference or Instruction	2016 Value	
RETURN AND CAPITALIZATION CALCULATIONS				
<u>Calculation of Long Term Debt Amount</u>				
1	Bonds -- Account 221	13-month avg.	5-ROR-2, Line 1	\$10,326,762,637
2	Less Reacquired Bonds -- Account 222	13-month avg.	5-ROR-2, Line 2	-\$50,769,231
3	Long Term Debt Advances from Associated Companies -- Account 223	13-month avg.	5-ROR-2, Line 3	\$0
4	Other Long Term Debt -- Account 224	13-month avg.	5-ROR-2, Line 4	\$306,652,104
5	Less Unamortized Discount on Long Term Debt -- Account 226	13-month avg.; enter negative	5-ROR-2, Line 6	-\$35,385,188
6	Unamortized Debt Expenses -- Account 181	13-month avg.; enter negative	5-ROR-2, Line 7	-\$81,582,699
7	Unamortized Loss on Reacquired Debt -- Account 189	13-month avg.; enter negative	5-ROR-2, Line 8	-\$192,859,379
8	Composite Tax Rate		1-BaseTRR, Line 59	40.75%
9	After tax amount of Unamortized Loss on Reacquired Debt		Line 7 * (1- Line 8)	-\$114,276,896
10	Removal of Long Term Debt Related to Fuel Inventories	13-month avg.; enter negative	5-ROR-2, Line 9	-\$834,019,456
11	Adjustments related to "LT Debt Related to Fuel Inventories"		5-ROR-2, Line 10	\$5,647,871
12	Long Term Debt Amount		Sum of Lines 1 to 6 and 9 to 11	\$9,523,029,143
<u>Calculation of Preferred Stock Amount</u>				
13	Preferred Stock Amount -- Account 204	13-month avg.	5-ROR-2, Line 11	\$2,204,668,027
14	Unamortized Issuance Costs	13-month avg.	5-ROR-2, Line 12	-\$44,689,190
15	Net Gain (Loss) From Purchase and Tender Offers	13-month avg.	5-ROR-2, Line 13	-\$7,193,648
16	Preferred Stock Amount		Sum of Lines 13 to 15	\$2,152,785,189
<u>Calculation of Common Stock Equity Amount</u>				
17	Total Proprietary Capital	13-month avg.	5-ROR-2, Line 14	\$14,131,533,164
18	Less Preferred Stock Amount -- Account 204	Same as L 13, but negative	5-ROR-2, Line 11	-\$2,204,668,027
19	Minus Net Gain (Loss) From Purchase and Tender Offers	Same as L 15, but reverse sign	5-ROR-2, Line 13	\$7,193,648
20	Less Unappropriated Undist. Sub. Earnings -- Acct. 216.1	13-month avg.	5-ROR-2, Line 15	\$2,199,881
21	Less Accumulated Other Comprehensive Loss -- Account 219	13-month avg.	5-ROR-2, Line 16	\$19,883,915
22	Common Stock Equity Amount		Sum of Lines 17 to 21	\$11,956,142,581

Calculation of 13-Month Average Capitalization Balances

Year **2016**

Line	Item	Col 1 13-Month Avg. = Sum (Cols. 2-14)/13	Col 2 December	Col 3 January	Col 4 February	Col 5 March	Col 6 April	Col 7 May	Col 8 June	Col 9 July	Col 10 August	Col 11 September	Col 12 October	Col 13 November	Col 14 December
Bonds -- Account 221 (Note 1):															
1		\$10,326,762,637	\$10,375,114,286	\$10,375,114,286	\$10,335,828,571	\$10,335,828,571	\$10,335,828,571	\$10,335,828,571	\$10,335,828,571	\$10,335,828,571	\$10,296,542,857	\$10,296,542,857	\$10,296,542,857	\$10,296,542,857	\$10,296,542,857
Reacquired Bonds -- Account 222 (Note 2): enter - of FF1															
2		-\$50,769,231	-\$30,000,000	-\$30,000,000	-\$30,000,000	-\$30,000,000	-\$30,000,000	-\$30,000,000	-\$30,000,000	-\$30,000,000	-\$30,000,000	-\$30,000,000	-\$30,000,000	-\$165,000,000	-\$165,000,000
Long Term Debt Advances from Associated Companies (Note 3):															
3		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Long Term Debt -- Account 224 (Note 4):															
4		\$306,652,104	\$306,682,234	\$306,677,289	\$306,672,324	\$306,667,338	\$306,662,331	\$306,657,303	\$306,652,253	\$306,647,182	\$306,642,090	\$306,636,977	\$306,631,841	\$306,626,685	\$306,621,506
Unamortized Premium on Long Term Debt -- Account 225 (Note 5)															
5		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Less Unamortized Discount on Long Term Debt -- Account 226 (Note 6): enter - of FF1															
6		-\$35,385,188	-\$36,460,491	-\$36,280,813	-\$36,113,113	-\$35,921,457	-\$35,747,768	-\$35,562,101	-\$35,388,413	-\$35,202,746	-\$35,023,068	-\$34,849,379	-\$34,663,712	-\$34,490,023	-\$34,304,356
Unamortized Debt Expenses -- Account 181 (Note 7): enter - of FF1															
7		-\$81,582,699	-\$84,227,978	-\$83,822,444	-\$83,597,715	-\$82,930,241	-\$82,262,766	-\$81,595,292	-\$80,927,818	-\$81,979,093	-\$81,235,048	-\$80,531,959	-\$79,843,434	-\$79,154,910	-\$78,466,386
Unamortized Loss on Reacquired Debt -- Account 189 (Note 8): enter - of FF1															
8		-\$192,859,379	-\$201,260,974	-\$199,860,696	-\$198,460,432	-\$197,060,169	-\$195,659,905	-\$194,259,641	-\$192,859,377	-\$191,459,114	-\$190,058,850	-\$188,658,586	-\$187,258,323	-\$185,858,059	-\$184,457,795
Removal of Long Term Debt Related to Fuel Inventories (Note 9)															
9		-\$834,019,456	-\$889,696,723	-\$885,308,257	-\$876,159,152	-\$848,953,189	-\$842,321,120	-\$835,689,051	-\$829,056,982	-\$822,424,914	-\$815,792,845	-\$809,160,776	-\$802,528,707	-\$795,896,638	-\$789,264,569
Adjustments related to "LT Debt Related to Fuel Inventories" (Note 10)															
10		\$5,647,871	\$5,953,291	\$5,871,739	\$6,023,977	\$5,939,132	\$5,854,288	\$5,769,443	\$5,684,598	\$5,599,753	\$5,514,909	\$5,430,064	\$5,345,219	\$5,260,374	\$5,175,530
Preferred Stock Amount -- Account 204 (Note 11):															
11		\$2,204,668,027	\$2,070,044,950	\$2,070,044,950	\$2,070,044,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950	\$2,245,054,950
Unamortized Issuance Costs (Note 12): enter - of FF1															
12		-\$44,689,190	-\$42,446,729	-\$42,205,342	-\$41,963,956	-\$48,682,380	-\$46,242,352	-\$45,950,127	-\$45,657,902	-\$45,365,677	-\$45,073,451	-\$44,781,226	-\$44,489,001	-\$44,196,776	-\$43,904,550
Net Gain (Loss) From Purchase and Tender Offers (Note 13):															
13		-\$7,193,648	-\$5,797,402	-\$5,765,077	-\$5,732,751	-\$7,848,228	-\$7,798,004	-\$7,747,780	-\$7,697,556	-\$7,647,332	-\$7,597,108	-\$7,546,883	-\$7,496,659	-\$7,446,435	-\$7,396,211
Total Proprietary Capital (Note 14):															
14		\$14,131,533,164	\$13,671,999,240	\$13,803,506,473	\$13,703,225,028	\$13,943,224,209	\$14,023,105,763	\$14,129,499,735	\$14,089,329,645	\$14,216,652,406	\$14,207,336,560	\$14,349,798,497	\$14,490,573,409	\$14,598,893,351	\$14,482,786,817
Unappropriated Undist. Sub. Earnings -- Acct. 216.1 (Note 15): enter - of FF1															
15		\$2,199,881	\$2,026,801	\$2,026,802	\$2,027,196	\$2,027,196	\$2,027,699	\$2,027,699	\$2,013,499	\$2,003,497	\$2,003,497	\$2,603,707	\$2,603,709	\$2,603,709	\$2,603,436
Accumulated Other Comprehensive Loss -- Account 219 (Note 16): enter - of FF1															
16		\$19,883,915	\$22,132,856	\$22,060,494	\$21,481,768	\$20,949,399	\$20,511,348	\$20,201,806	\$19,892,264	\$18,664,081	\$18,126,963	\$18,530,070	\$18,007,671	\$17,485,272	\$20,446,907

Instructions:

- 1) Enter 13 months of balances for capital structure for Prior Year and December previous to Prior Year in Columns 2-14. Beginning and End of year amounts in Columns 2 and 14 are from FERC Form 1, as referenced in below notes.

Notes:

- 1) Amount in Column 2 from FF1 112.18d, amount in Column 14 from FF1 112.18c, amounts in columns 3-13 from SCE internal records.
- 2) Amount in Column 2 from FF1 112.19d, amount in Column 14 from FF1 112.19c, amounts in columns 3-13 from SCE internal records.
- 3) Amount in Column 2 from FF1 112.20d, amount in Column 14 from FF1 112.20c, amounts in columns 3-13 from SCE internal records.
- 4) Amount in Column 2 from FF1 112.21d, amount in Column 14 from FF1 112.21c, amounts in columns 3-13 from SCE internal records.
- 5) Amount in Column 2 from FF1 112.22c, amount in Column 14 from FF1 112.22d, amounts in columns 3-13 from SCE internal records.
- 6) Amount in Column 2 from FF1 112.23c, amount in Column 14 from FF1 112.23d, amounts in columns 3-13 from SCE internal records.
- 7) Amount in Column 2 from FF1 111.69c, amount in Column 14 from FF1 111.69d, amounts in columns 3-13 from SCE internal records.
- 8) Amount in Column 2 from FF1 111.81c, amount in Column 14 from FF1 111.81d, amounts in columns 3-13 from SCE internal records.
- 9) Amounts in Columns 2-14 are from SCE internal records.
- 10) Amounts in Columns 2-14 are from SCE internal records.
- 11) Amount in Column 2 from FF1 112.3d, amount in Column 14 from FF1 112.3c, amounts in columns 3-13 from SCE internal records.
- 12) Amounts in Columns 2-14 are from SCE internal records.
- 13) Amounts in Columns 2-14 are from SCE internal records.
- 14) Amount in Column 2 from FF1 112.16c, amount in Column 14 from FF1 112.16d, amounts in columns 3-13 from SCE internal records.
- 15) Amount in Column 2 from FF1 112.12c, amount in Column 14 from FF1 112.12d, amounts in columns 3-13 from SCE internal records.
- 16) Amount in Column 2 from FF1 112.15c, amount in Column 14 from FF1 112.15d, amounts in columns 3-13 from SCE internal records.

Long Term Debt Cost Percentage

At End of Year ("EOY") for Prior Year: 2016

1) Calculation of "Long Term Debt Cost Percentage"

Line		Amount	Reference
1	Total Annual Cost of Outstanding Series Debt:	\$456,504,134	Line 200, Col 10
2	Total Annual Amortized Loss on Reacquired Debt:	\$16,803,179	Line 500, Col 3
3	Total Annual Cost of Debt:	\$473,307,313	= L1 + L2
4			
5	Total "Principal Amount Outstanding" Debt:	\$9,813,899,794	Line 200, Col 5
6	Total Reacquired Debt:	-\$165,000,000	Line 205, Col 5
7	Total Unamortized Loss on Reacquired Debt:	-\$109,489,851	Line 500, Col 2
8	Total Debt Balance:	\$9,539,409,942	= L5 + L6 + L7
9			
10	Long Term Debt Cost Percentage:	4.962%	= L3 / L8

2) Long Term Debt Information for each Outstanding Series

Col 1 Col 2 Col 3 Col 4 Col 5 Col 6 Col 7 Col 8 Col 9 Col 10
 FF1 256, Col a FF1 256, Col d FF1 256, Col e FF1 256, Col a FF1 256, Col b Note 1 Section 4 = Col 5 - Col 7 Note 2 = Col 5 * Col 9

Line	Series	Date of Offering	Maturity Date	Coupon Rate	Principal Amount Outstanding (\$000s)	Amortization Period (Years)	Net Discount & Issuance Cost (\$000s)	Net Proceeds (\$000s)	Cost of Money	Annual Cost (\$000s)	Comments: See below
101	Series 2004B	1/14/2004	1/15/2034	6.000%	\$525,000	17.0	\$4,802	\$520,198	6.087%	\$31,957	
102	Series PV 2000AB	3/1/2004	6/1/2035	5.000%	\$144,400	18.0	\$443	\$143,957	5.026%	\$7,258	
103	Series 2004G	3/23/2004	4/1/2035	5.750%	\$350,000	18.0	\$1,920	\$348,080	5.799%	\$20,298	
104	Series 2005B	1/19/2005	1/15/2036	5.550%	\$250,000	19.0	\$1,912	\$248,088	5.616%	\$14,040	
105	Series 2005E	6/27/2005	7/15/2035	5.350%	\$350,000	19.0	\$2,025	\$347,975	5.399%	\$18,897	
106	Series 4CRNRS 05AB	4/1/2015	4/1/2029	1.875%	\$203,460	12.0	\$2,008	\$201,452	1.968%	\$4,004	
107	Clark County 2010	4/1/2015	6/1/2031	1.875%	\$75,000	14.0	\$1,107	\$73,893	1.996%	\$1,497	
108	Series 2006A	1/31/2006	2/1/2036	5.625%	\$350,000	19.0	\$2,732	\$347,268	5.693%	\$19,925	
109	SONGS_2006A	4/5/2013	4/1/2028	1.375%	\$157,500	11.0	\$743	\$156,757	1.421%	\$2,239	
110	SONGS_2006B	4/5/2013	4/1/2028	1.900%	\$38,500	11.0	\$252	\$38,248	1.966%	\$757	
111	Series 2006C&D	4/12/2006	11/1/2033	0.694%	\$135,000	17.0	\$925	\$134,075	0.737%	\$995	1
112	Series 2006E	12/11/2006	1/15/2037	5.550%	\$400,000	20.0	\$4,133	\$395,867	5.637%	\$22,547	
113	Series 2008A	1/22/2008	2/1/2038	5.950%	\$600,000	21.0	\$6,397	\$593,603	6.040%	\$36,242	
114	Series 2008B	8/18/2008	8/15/2018	5.500%	\$400,000	2.0	\$896	\$399,104	5.620%	\$22,480	
115	Series 2009A	3/20/2009	3/15/2039	6.050%	\$500,000	22.0	\$6,815	\$493,185	6.164%	\$30,820	
116	Series 2010A	3/11/2010	3/15/2040	5.500%	\$500,000	23.0	\$8,804	\$491,196	5.638%	\$28,188	
117	Series 2010B	8/30/2010	9/1/2040	4.500%	\$500,000	24.0	\$6,708	\$493,292	4.593%	\$22,964	
118	SONGS 2010A	9/21/2010	9/1/2029	4.500%	\$100,000	13.0	\$1,337	\$98,663	4.638%	\$4,638	
119	2011A	5/17/2011	6/1/2021	3.875%	\$500,000	4.0	\$3,154	\$496,846	4.047%	\$20,237	
120	2011E	11/22/2011	12/1/2041	3.900%	\$250,000	25.0	\$3,405	\$246,595	3.987%	\$9,966	
121	2012A	3/13/2012	3/15/2042	4.050%	\$400,000	25.0	\$7,582	\$392,418	4.173%	\$16,691	
122	2013A	3/7/2013	3/15/2043	3.900%	\$400,000	26.0	\$5,854	\$394,146	3.991%	\$15,964	
123	2013C	10/2/2013	10/1/2023	3.500%	\$600,000	7.0	\$4,244	\$595,756	3.615%	\$21,692	
124	2013D	10/2/2013	10/1/2043	4.650%	\$800,000	27.0	\$12,708	\$787,292	4.755%	\$38,041	
125	2014B	5/9/2014	5/1/2017	1.125%	\$400,000	0.4	\$294	\$399,706	1.303%	\$5,211	
126	2014C	11/7/2014	11/1/2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2
127	2015A	1/26/2015	2/1/2022	1.845%	\$38,742	5.0	\$291	\$38,451	2.004%	\$776	3
128	2015B	1/26/2015	2/1/2022	2.400%	\$29,136	5.0	\$174	\$28,962	2.528%	\$737	4
129	2015C	1/26/2015	2/1/2045	3.600%	\$425,000	28.0	\$5,912	\$419,088	3.680%	\$15,640	
130	4CRNRS 2011	4/1/2015	4/1/2029	1.875%	\$55,540	12.0	\$799	\$54,741	2.011%	\$1,117	
131	CPCFA SONGS 2011	9/1/1999	9/1/2031	0.407%	\$30,000	15.0	\$257	\$29,743	0.466%	\$140	5
132	CPCFA SONGS 2011	9/1/2011	9/1/2031	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6
133	Series 2006C&D	4/12/2006	11/1/2033	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7
134	6.65% Notes	4/1/1999	4/1/2029	6.650%	\$300,000	12.0	\$2,143	\$297,857	6.738%	\$20,213	
135	Ft. Irwin Loan	9/1/2003	9/1/2053	5.060%	\$6,622	37.0	\$0	\$6,622	5.060%	\$335	8
136	...										

Comments for Section 2 "Long Term Debt Information for each Outstanding Series":

<u>Comment #:</u>	<u>Comment</u>
1	Issued in April 2006 @ 0.694%, Repurchased on 11/01/16, Remarketed on 1/18/17 @ 2.625%
2	Not include because it is a fuel bond and does not finance rate base
3	Does not tie to FF1 amount because only includes Excess Regulatory Asset Amount
4	Does not tie to FF1 amount because only includes Excess Regulatory Asset Amount
5	FF1 has the variable rate. 0.407% is based on average of January through December in 2016
6	Reacquired series are shown below in Section 3 see line 202
7	Reacquired series are shown below in Section 3 see line 201
8	Principal amount reduces over time. FF1 amount reflects principal balance on the date of offering.

200 **Total Principal Amount Outstanding (sum of above * 1,000):** \$9,813,899,794 **Total Annual Cost (sum of above * 1,000):** \$456,504,133.56

3) Long Term Debt Information for each Reacquired Series

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>		
	<u>Series</u>	<u>Date of Offering</u>	<u>Maturity Date</u>	<u>Coupon Rate</u>	<u>Principal Amount (\$000s)</u>	<u>Comment #</u>	
201	SONGS 2006 Series C-D	4/6/2006	11/1/2033	0.694%	-\$135,000		
202	SONGS 2011 Series	9/1/2011	9/1/2031	0.407%	-\$30,000		
203							
204	...						
205	Total Principal Amount (sum of above * 1,000):					-\$165,000,000	

Comments for Section 3 "Long Term Debt Information for each Reacquired Series":

<u>Comment #:</u>	<u>Comment</u>

4) Debt Issuance Cost and Discount Details for each Outstanding Series

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>
<u>Line</u>	<u>Series</u>	<u>Unamortized Debt Issuance Cost (Dec of Prior Year)</u>	<u>Total Unamortized Debt Discounts (Dec of PY)</u>
301	Series 2004B	\$2,831,262	\$1,970,790
302	Series PV 2000AB	\$443,347	\$0
303	Series 2004G	\$1,828,999	\$90,591
304	Series 2005B	\$1,461,700	\$450,552
305	Series 2005E	\$1,921,328	\$103,679
306	Series 4CRNRS 05AB	\$2,007,585	\$0
307	Clark County 2010	\$1,107,493	\$0
308	Series 2006A	\$2,186,987	\$545,467
309	SONGS_2006A	\$742,631	\$0
310	SONGS_2006B	\$251,581	\$0
311	Series 2006C&D	\$925,424	\$0
312	Series 2006E	\$2,683,762	\$1,448,962
313	Series 2008A	\$4,458,923	\$1,938,055
314	Series 2008B	\$527,167	\$368,530
315	Series 2009A	\$3,782,562	\$3,032,221
316	Series 2010A	\$4,136,621	\$4,666,895
317	Series 2010B	\$4,199,972	\$2,508,428
318	SONGS 2010A	\$1,337,234	\$0
319	2011A	\$1,884,665	\$1,268,902
320	2011E	\$2,243,191	\$1,162,175
321	2012A	\$3,610,491	\$3,971,497
322	2013A	\$3,769,406	\$2,084,378
323	2013C	\$3,531,228	\$712,997
324	2013D	\$7,800,285	\$4,908,176
325	2014B	\$280,004	\$14,288
326	2015A	\$291,010	\$0
327	2015B	\$172,979	\$1,478
328	2015C	\$4,385,519	\$1,526,922
329	4CRNRS 2011	\$798,972	\$0
330	CPCFA SONGS 2011	\$256,667	\$0
331	6.65% NOTES	\$667,050	\$1,476,130
332	Ft. Irwin Loan	\$0	\$0
333			
334	...		

5) Loss on Reacquired Debt Cost Details

	Col 1	Col 2	Col 3
Line	Series	Unamortized Loss (Dec of PY) ('000s)	Amortized Loss ('000s)
401	86-B	-\$522	\$506
402	86-B	-\$50	\$49
403	86-A	-\$1,240	\$246
404	88-C	-\$1,315	\$261
405	VVP,WWP,XXP,YYP	-\$777	\$203
406	89-A	\$0	\$0
407	89-A	-\$3,067	\$567
408	86-A	-\$5,125	\$1,098
409	MM	-\$382	\$649
410	ZZ	-\$1,411	\$1,263
411	VVP-WWP-YYP	-\$639	\$251
412	85-A	-\$681	\$255
413	85-C	-\$349	\$780
414	85-C	-\$556	\$157
415	86-K	\$0	\$0
416	86-K	-\$186	\$342
417	86-K	\$0	\$1
418	91-B	-\$2,114	\$562
419	91-C	-\$2,406	\$546
420	91-A	-\$3,175	\$436
421	86J, 88D & 87E-H	-\$1,413	\$188
422	190-PV-85B-G	-\$122	\$11
423	100-MOH-87-A	-\$172	\$20
424	MOHAVE-90A-15M	-\$104	\$12
425	93C, 93G, 93I & QUIP	-\$4,013	\$396
426	93C, 93G & 93I Premium	-\$3,572	\$353
427	2004B (Hedge)	-\$1,756	\$173
428	2004G (Hedge)	-\$877	\$81
429	2003A	\$0	\$0
430	2003B	-\$22,407	\$1,974
431	2003B	-\$7,200	\$651
432	2005E (Hedge)	-\$1,477	\$134
433	91-D(PC)-28.585M	-\$214	\$19
434	92-C(PC)-30M	-\$449	\$41
435	92-E(PC)-190M	-\$2,013	\$182
436	CA'86-D-G-196M	-\$47	\$7
437	CA-84-A/(86-D-G)	-\$68	\$10
438	CA'87-A-D-135M	-\$193	\$19
439	CA-84-A/(86-D-G) SWAP	-\$2,053	\$306

5) Loss on Reacquired Debt Cost Details (Continued)

Col 1 Col 2 Col 3

Line	Series	Unamortized Loss (Dec of PY) ('000s)	Amortized Loss ('000s)
440	2006E (Hedge)	-\$3,510	\$293
441	#2008A (Hedge)\$21,372,964.	-\$8,982	\$712
442	#2008B (Hedge)\$11,410,320.	-\$1,108	\$1,142
443	Reamarketed - 5/27/10	-\$111	\$55
444	Refunded - 9/24/10	-\$4,412	\$582
445	Refunded-5/19/11 (4Cmrs 1999A)	-\$261	\$36
446	Refunded-5/19/11 (4Cmrs 1999A)	-\$93	\$13
447	Retired 12/01/2011	-\$706	\$63
448	Reamarketed - 4/5/2013	-\$668	\$99
449	2004A Retired Bond Premium	-\$5,644	\$353
450	2008C Retired Bond Premium	-\$1,884	\$118
451	2015C	-\$9,965	\$591
452	...		
500	Totals (sum of above * 1000):	-\$109,489,851	\$16,803,179

Notes:

- 1) Equal to maturity date less end of the year for prior year
- 2) 18 CFR 35.13 (22) Statement AV - Rate of Return (ii)(B)(6) Cost of money

Preferred Stock Cost Percentage

At End of Year ("EOY") for Prior Year: 2016

1) Calculation of "Preferred Stock Cost Percentage"

Line		Amount	Reference
1	Total Annual Cost of Preferred Stock:	\$129,238,029	Line 112, Col 9
2	Total Reacquired Preferred Stock Cost:	\$602,688	Line 312, Col 6
3	Total Annual Cost of Preferred:	\$129,840,717	= L1 + L2
4			
5	Total Preferred Stock Amount Outstanding:	\$2,245,054,950	Line 112, Col 4
6	Total Unamortized Issuance Costs:	\$7,396,211	Line 312, Col 4
7	Total Preferred Balance:	\$2,237,658,739	= L5 - L6
8			
9	Preferred Stock Cost Percentage:	5.803%	= L3 / L7

2) Preferred Stock Information for each Outstanding Series

Col 1: FF1 250, Col a
Col 2: SCE Records
Col 3: FF1 250, Col a
Col 4: FF1 251, Col f
Col 5: Sec 3, Col 2
Col 6: = Col 4 - Col 5
Col 7: = Col 6 / Col 4
Col 8: = Col 3 / Col 7
Col 9: = Col 4 * Col 8

Line	Preferred Stock	Issue Date	Dividend Rate	Face Value / Amount Outstanding ('000s)	Total Issuance Cost ('000s)	Net Proceeds at Issuance ('000s)	% of Face Value	Cost of Money / Effective Rate	Annualized Cost ('000s)	Notes
101	\$25 Par Value 4.32% Series	5/8/1947	4.320%	\$41,336	-\$763	\$42,099	101.8%	4.242%	\$1,753	
102	\$25 Par Value 4.08% Series	5/19/1950	4.080%	\$16,250	-\$40	\$16,290	100.2%	4.070%	\$661	
103	\$25 Par Value 4.24% Series	2/15/1956	4.240%	\$30,000	-\$84	\$30,084	100.3%	4.228%	\$1,268	
104	\$25 Par Value 4.78% Series	2/10/1958	4.780%	\$32,419	-\$50	\$32,469	100.2%	4.773%	\$1,547	
105	Series E	1/17/2012	6.250%	\$350,000	\$5,957	\$344,043	98.3%	6.483%	\$22,689	
106	Series F	5/18/2012	5.625%	\$475,010	\$15,402	\$459,608	96.8%	5.855%	\$27,812	
107	Series G	1/29/2013	5.100%	\$400,010	\$12,972	\$387,038	96.8%	5.317%	\$21,268	
108	Series H	3/6/2014	5.750%	\$275,010	\$6,272	\$268,738	97.7%	6.056%	\$16,654	
109	Series J	8/24/2015	5.375%	\$325,010	\$6,420	\$318,590	98.0%	5.635%	\$18,313	
110	Series K	3/8/2016	5.450%	\$300,010	\$6,960	\$293,050	97.7%	5.757%	\$17,271	
111	...									
112	Total Amount Outstanding (sum of above * 1,000):				\$2,245,054,950	Total Annual Cost (sum of above * 1,000):				\$129,238,029

3) Preferred Stock Issuance Cost Details for each Outstanding Series

Col 1: Same list as in Section 2
Col 2: SCE Records
Col 3: SCE Records
Col 4: SCE Records
Col 5:

Line	Preferred Stock	Total Issuance Cost ('000s)	Unamortized Cost ('000s)	Full Amortization Period	Notes
201	\$25 Par Value 4.32% Series	-\$763	---	30	Fully amortized
202	\$25 Par Value 4.08% Series	-\$40	---	30	Fully amortized
203	\$25 Par Value 4.24% Series	-\$84	---	30	Fully amortized
204	\$25 Par Value 4.78% Series	-\$50	---	30	Fully amortized
205	Series E	\$5,957	\$3,028	10	
206	Series F	\$15,402	\$13,049	30	
207	Series G	\$12,972	\$11,279	30	Redeemed Series B and C
208	Series H	\$6,272	\$4,547	10	
209	Series J	\$6,420	\$5,564	10	
210	Series K	\$6,960	\$6,438	10	Redeemed Series D
211	...				

4) Reacquired Preferred Stock Information

	Col 1 SCE Records	Col 2 SCE Records	Col 3 SCE Records	Col 4 SCE Records	Col 5 SCE Records	Col 6 SCE Records	
Line	Preferred Stock	Call Date	Total Issuance Cost	Unamortized Issuance Cost ('000s)	Amortization Period	Issuance Amortization Cost ('000s)	Notes
301	8.540% Preferred, premium	11/1/1985	-\$287	-\$24	34	-\$8	Net gain from open-market purchase of 67,400 shares in November 1985
302	12.000% Preferred, redemption	2/1/1986	\$6,248	\$567	34	\$184	Redemption premium paid to holders (so loss to company)
303	12.000% Preferred, redemption	2/1/1986	\$1,025	\$93	34	\$30	Initial issue discount
304	Series A	6/16/2012	\$0	\$0	5	\$0	Fully amortized
305	Series B	2/28/2013	\$2,586	\$2,256	30	\$86	Redeemed by Series G
306	Series C	2/28/2013	\$2,887	\$2,518	30	\$96	Redeemed by Series G
307	Series D	3/31/2016	\$2,148	\$1,987	10	\$215	Series D was redeemed by Series K
308							
309							
310							
311	...						
312	Total Annual Cost (sum of above * 1,000):			\$7,396,211		\$602,688	

Plant In Service

Inputs are shaded yellow

1) Transmission Plant - ISO

Balances for Transmission Plant - ISO during the Prior Year, including December of previous year (See Note 1):

Prior Year: 2016

Line	Mo/YR	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	Total
		350.1	350.2	352	353	354	355	356	357	358	359		Sum C2 - C11	
1	Dec 2015	\$77,976,655	163,072,480	\$470,458,376	\$3,030,177,247	\$2,164,622,763	\$310,678,566	\$1,239,646,181	\$221,416	\$13,011,928	\$187,087,541		\$7,656,953,152	
2	Jan 2016	\$77,366,106	\$163,089,425	\$477,787,637	\$3,038,238,129	\$2,149,854,075	\$312,467,579	\$1,241,589,579	\$221,419	\$13,016,282	\$187,350,498		\$7,660,980,730	
3	Feb 2016	\$77,365,696	\$163,086,102	\$470,257,229	\$3,058,743,183	\$2,152,015,903	\$313,580,382	\$1,242,505,439	\$221,419	\$13,016,547	\$187,651,223		\$7,678,443,123	
4	Mar 2016	\$87,298,557	\$163,152,630	\$476,439,568	\$3,076,643,567	\$2,150,669,453	\$315,593,553	\$1,245,422,772	\$221,419	\$13,020,184	\$190,200,199		\$7,718,661,901	
5	Apr 2016	\$87,309,335	\$163,197,609	\$491,408,710	\$3,089,452,188	\$2,155,881,434	\$316,787,447	\$1,245,937,741	\$221,425	\$14,735,210	\$190,592,880		\$7,755,523,977	
6	May 2016	\$87,317,065	\$163,204,896	\$491,870,167	\$3,090,721,159	\$2,149,317,764	\$317,533,976	\$1,246,282,243	\$221,425	\$15,083,340	\$191,019,613		\$7,752,571,648	
7	Jun 2016	\$86,794,533	\$162,983,298	\$496,064,461	\$3,120,246,532	\$2,210,512,877	\$318,450,055	\$1,247,245,617	\$221,434	\$15,146,687	\$192,180,089		\$7,849,845,584	
8	Jul 2016	\$86,801,874	\$162,990,137	\$501,268,132	\$3,170,862,943	\$2,212,689,387	\$319,127,828	\$1,247,320,275	\$221,435	\$15,149,825	\$192,445,155		\$7,908,876,992	
9	Aug 2016	\$86,799,926	\$163,006,399	\$501,046,195	\$3,171,072,527	\$2,228,283,811	\$319,715,189	\$1,241,488,154	\$221,437	\$15,146,092	\$178,450,654		\$7,905,230,384	
10	Sep 2016	\$86,814,704	\$165,199,257	\$502,725,446	\$3,174,643,082	\$2,227,591,400	\$320,439,816	\$1,245,055,136	\$178,517,523	\$77,483,575	\$178,430,166		\$8,156,900,104	
11	Oct 2016	\$86,813,903	\$165,297,497	\$517,665,602	\$3,188,871,202	\$2,231,665,227	\$321,310,132	\$1,251,456,010	\$180,892,151	\$80,351,534	\$179,079,774		\$8,203,403,034	
12	Nov 2016	\$86,821,377	\$165,325,104	\$520,661,331	\$3,201,337,814	\$2,220,025,052	\$322,121,103	\$1,251,410,453	\$184,358,841	\$81,550,530	\$179,287,045		\$8,212,898,650	
13	Dec 2016	\$86,845,703	\$165,326,927	\$531,582,611	\$3,249,175,449	\$2,233,991,232	\$324,258,228	\$1,235,903,790	\$185,508,197	\$81,951,072	\$182,027,087		\$8,276,570,295	
14	13-Mo. Avg:	\$84,794,264	\$163,763,982	\$496,095,036	\$3,127,706,540	\$2,191,316,952	\$317,851,066	\$1,244,712,569	\$56,251,503	\$34,512,524	\$185,830,917		\$7,902,835,352	

2) Distribution Plant - ISO

Balances for Distribution Plant - ISO for December of Prior Year and year before Prior Year (See Note 2)

Line	Mo/YR	Col 1	Col 2	Col 3	Col 4	Col 5	Total
		360	361	362		Sum C2 - C4	
15	Dec 2015	\$0	\$0	\$0		\$0	\$0
16	Dec 2016	\$0	\$0	\$0		\$0	\$0
17	Average:	\$0	\$0	\$0		\$0	\$0

3) ISO Transmission Plant

ISO Transmission Plant is the sum of "Transmission Plant - ISO" and "Distribution Plant - ISO"

	<u>Amount</u>	<u>Source</u>
18	Average value: \$7,902,835,352	Sum of Line 14, Col 12 and Line 17, Col 5
19	EOY Value: \$8,276,570,295	Sum of Line 13, Col 12 and Line 16, Col 5

4) General Plant + Electric Miscellaneous Intangible Plant ("G&I Plant")

General and Intangible Plant is an allocated portion of Total G&I Plant based on the Trans. W&S Allocation Factor

	Note 1 Prior Year Month	Data Source	Col 1 General Plant Balances	Col 2 Intangible Plant Balances	Col 3 Total G&I Plant Balances	Notes
20	December	FF1 206.99.b and 204.5b	\$2,810,955,447	\$1,597,954,444	\$4,408,909,891	BOY amount from previous PY
21	December	FF1 207.99.g and 205.5g	\$2,941,903,413	\$1,588,136,353	\$4,530,039,766	End of year ("EOY") amount
a) BOY/EOY Average G&I Plant						
22		Average BOY/EOY Value:	\$4,469,474,829	Average of Line 20 and 21.		
23		Transmission W&S Allocation Factor:	6.1650%	27-Allocators, Line 9		
24		General + Intangible Plant:	\$275,543,182	Line 22 * Line 23.		
b) EOY G&I Plant						
25		EOY Value:	\$4,530,039,766	Line 21.		
26		Transmission W&S Allocation Factor:	6.1650%	27-Allocators, Line 9		
27		General + Intangible Plant:	\$279,277,011	Line 25 * Line 26.		

Transmission Activity Used to Determine Monthly Transmission Plant - ISO Balances

1) Total Transmission Plant Balances by Account (See Note 3)

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12 Sum C2 - C11
	Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Total
28	Dec 2015	\$121,657,932	\$206,772,796	\$686,827,404	\$5,247,711,807	\$2,259,972,826	\$1,008,567,359	\$1,482,107,624	\$61,087,062	\$268,612,323	\$194,018,041	\$11,537,335,173
29	Jan 2016	\$120,041,817	\$206,793,885	\$703,336,512	\$5,261,334,182	\$2,267,078,142	\$1,019,274,095	\$1,490,923,946	\$62,025,505	\$270,314,278	\$194,248,889	\$11,595,371,251
30	Feb 2016	\$120,040,731	\$206,789,749	\$697,204,660	\$5,284,584,037	\$2,269,281,264	\$1,030,145,034	\$1,492,010,547	\$62,000,535	\$270,417,583	\$194,553,636	\$11,627,027,777
31	Mar 2016	\$129,974,728	\$206,872,547	\$711,236,847	\$5,314,778,263	\$2,270,538,592	\$1,055,295,897	\$1,501,940,681	\$62,027,745	\$271,839,478	\$203,547,852	\$11,728,052,629
32	Apr 2016	\$129,984,883	\$206,918,508	\$747,798,350	\$5,334,716,094	\$2,271,061,823	\$1,068,519,519	\$1,502,283,885	\$64,354,798	\$281,803,117	\$204,247,360	\$11,811,688,337
33	May 2016	\$129,993,235	\$206,927,466	\$748,915,253	\$5,336,971,167	\$2,274,749,703	\$1,077,180,002	\$1,502,976,156	\$64,594,822	\$283,742,241	\$205,412,540	\$11,831,462,585
34	Jun 2016	\$129,471,531	\$206,521,861	\$758,346,667	\$5,386,916,234	\$2,255,499,746	\$1,095,086,005	\$1,505,142,344	\$67,845,750	\$307,996,467	\$208,722,402	\$11,921,549,006
35	Jul 2016	\$129,475,315	\$206,529,508	\$770,153,637	\$5,472,385,653	\$2,255,378,799	\$1,103,011,206	\$1,504,634,374	\$68,453,757	\$308,991,821	\$209,245,602	\$12,028,259,671
36	Aug 2016	\$129,472,250	\$206,549,342	\$769,327,743	\$5,472,858,383	\$2,275,896,336	\$1,113,130,924	\$1,499,109,785	\$69,115,779	\$307,862,523	\$195,235,924	\$12,038,558,989
37	Sep 2016	\$129,486,155	\$209,278,479	\$771,511,221	\$5,478,846,800	\$2,277,142,361	\$1,123,636,141	\$1,508,232,675	\$248,255,065	\$370,623,767	\$195,222,055	\$12,312,234,718
38	Oct 2016	\$129,485,354	\$209,396,750	\$805,401,883	\$5,503,702,709	\$2,286,042,052	\$1,133,087,097	\$1,515,768,067	\$244,462,304	\$372,715,446	\$195,800,868	\$12,395,862,531
39	Nov 2016	\$129,492,828	\$209,426,561	\$812,167,139	\$5,524,691,107	\$2,291,044,950	\$1,143,622,431	\$1,513,544,440	\$252,813,478	\$368,838,528	\$196,000,838	\$12,441,642,299
40	Dec 2016	\$129,517,154	\$209,428,813	\$825,778,508	\$5,586,246,880	\$2,305,498,226	\$1,158,164,968	\$1,499,811,260	\$253,220,290	\$368,734,329	\$200,535,234	\$12,536,935,662

2) Total Transmission Activity by Account (See Note 4):

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359		Total
												Sum C2 - C11
41 Jan 2016	-\$1,616,115	\$21,089	\$16,509,109	\$13,622,375	\$7,105,317	\$10,706,736	\$8,816,323	\$938,443	\$1,701,955	\$230,848		\$58,036,078
42 Feb 2016	-\$1,086	-\$4,136	-\$6,131,852	\$23,249,856	\$2,203,121	\$10,870,939	\$1,086,601	-\$24,970	\$103,305	\$304,748		\$31,656,526
43 Mar 2016	\$9,933,998	\$82,797	\$14,032,187	\$30,194,226	\$1,257,328	\$25,150,863	\$9,930,133	\$27,210	\$1,421,895	\$8,994,215		\$101,024,852
44 Apr 2016	\$10,154	\$45,962	\$36,561,503	\$19,937,831	\$523,231	\$13,223,623	\$343,204	\$2,327,053	\$9,963,639	\$699,509		\$83,635,708
45 May 2016	\$8,353	\$8,958	\$1,116,903	\$2,255,074	\$3,687,881	\$8,660,482	\$692,271	\$240,024	\$1,939,124	\$1,165,179		\$19,774,248
46 Jun 2016	-\$521,704	-\$405,606	\$9,431,414	\$49,945,067	-\$19,249,957	\$17,906,003	\$2,166,188	\$3,250,929	\$24,254,225	\$3,309,862		\$90,086,421
47 Jul 2016	\$3,784	\$7,647	\$11,806,970	\$85,469,419	-\$120,947	\$7,925,201	-\$507,970	\$608,007	\$995,354	\$523,200		\$106,710,665
48 Aug 2016	-\$3,065	\$19,834	-\$825,894	\$472,730	\$20,517,538	\$10,119,719	-\$5,524,589	\$662,022	-\$1,129,298	-\$14,009,678		\$10,299,318
49 Sep 2016	\$13,905	\$2,729,137	\$2,183,478	\$5,988,417	\$1,246,025	\$10,505,217	\$9,122,891	\$179,139,286	\$62,761,244	-\$13,869		\$273,675,729
50 Oct 2016	-\$801	\$118,272	\$33,890,663	\$24,855,909	\$8,899,691	\$9,450,956	\$7,535,391	-\$3,792,760	\$2,091,679	\$578,813		\$83,627,813
51 Nov 2016	\$7,474	\$29,811	\$6,765,256	\$20,988,399	\$5,002,898	\$10,535,333	-\$2,223,627	\$8,351,174	-\$3,876,918	\$199,970		\$45,779,768
52 Dec 2016	\$24,326	\$2,251	\$13,611,369	\$61,555,773	\$14,453,276	\$14,542,537	-\$13,733,180	\$406,812	-\$104,199	\$4,534,396		\$95,293,362
53 Total:	\$7,859,222	\$2,656,017	\$138,951,104	\$338,535,073	\$45,525,400	\$149,597,609	\$17,703,636	\$192,133,228	\$100,122,006	\$6,517,193		\$999,600,489

3) ISO Incentive Plant Balances (See Note 5)

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359		Total
												Sum C2 - C11
54 Dec 2015	\$9,194,807	\$94,260,653	\$264,762,214	\$1,088,156,186	\$1,705,207,064	\$149,246,224	\$827,237,632	\$0	\$11,017,487	\$147,473,890		\$ 4,296,556,157
55 Jan 2016	\$9,194,807	\$94,260,653	\$264,864,093	\$1,088,146,837	\$1,706,416,314	\$150,319,161	\$826,634,499	\$0	\$11,017,487	\$147,748,675		\$ 4,298,602,525
56 Feb 2016	\$9,194,807	\$94,260,653	\$256,232,589	\$1,104,668,933	\$1,708,608,305	\$150,648,404	\$827,487,097	\$0	\$11,017,487	\$148,047,918		\$ 4,310,166,193
57 Mar 2016	\$19,126,978	\$94,260,653	\$256,234,668	\$1,104,729,831	\$1,709,163,793	\$150,803,662	\$827,806,072	\$0	\$11,017,487	\$148,222,876		\$ 4,321,366,020
58 Apr 2016	\$19,138,135	\$94,301,613	\$254,203,939	\$1,107,193,320	\$1,710,950,861	\$151,031,592	\$828,384,682	\$0	\$12,711,355	\$148,502,541		\$ 4,326,418,038
59 May 2016	\$19,145,486	\$94,302,070	\$254,149,357	\$1,107,031,366	\$1,711,875,469	\$151,142,646	\$828,600,329	\$0	\$13,055,405	\$148,657,277		\$ 4,327,959,406
60 Jun 2016	\$18,622,453	\$94,832,891	\$254,220,416	\$1,106,925,903	\$1,714,309,220	\$150,694,466	\$829,118,042	\$0	\$13,056,703	\$149,026,056		\$ 4,330,806,150
61 Jul 2016	\$18,631,953	\$94,836,423	\$254,225,247	\$1,106,967,423	\$1,714,807,545	\$150,790,284	\$829,408,573	\$0	\$13,057,297	\$149,196,042		\$ 4,331,920,788
62 Aug 2016	\$18,630,683	\$94,838,080	\$254,478,811	\$1,106,795,160	\$1,733,998,074	\$150,612,214	\$823,462,506	\$0	\$13,056,451	\$135,207,131		\$ 4,331,079,109
63 Sep 2016	\$18,645,991	\$94,838,062	\$255,761,080	\$1,106,857,175	\$1,734,721,599	\$150,551,479	\$824,970,932	\$178,296,084	\$75,392,846	\$135,184,206		\$ 4,575,219,454
64 Oct 2016	\$18,645,191	\$94,854,394	\$255,781,321	\$1,105,663,404	\$1,742,320,494	\$150,732,786	\$830,951,450	\$180,670,728	\$78,262,797	\$135,859,890		\$ 4,593,742,455
65 Nov 2016	\$18,652,664	\$94,872,989	\$255,809,266	\$1,105,764,128	\$1,742,837,306	\$150,762,909	\$831,712,903	\$184,137,405	\$79,474,812	\$136,069,850		\$ 4,600,094,233
66 Dec 2016	\$18,676,991	\$94,873,060	\$264,612,613	\$1,133,695,495	\$1,757,159,286	\$151,903,903	\$815,549,135	\$185,286,763	\$79,876,649	\$138,148,965		\$ 4,639,782,859

4) ISO Incentive Plant Activity (See Note 6)

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Sum C2 - C11	
												Total
67 Jan 2016	\$0	\$0	\$101,880	(\$9,349)	\$1,209,250	\$1,072,936	(\$603,133)	\$0	\$0	\$274,785	\$2,046,368	\$2,046,368
68 Feb 2016	\$0	\$0	(\$8,631,505)	\$16,522,096	\$2,191,991	\$329,244	\$852,598	\$0	\$0	\$299,244	\$11,563,667	\$11,563,667
69 Mar 2016	\$9,932,171	\$0	\$2,080	\$60,898	\$555,488	\$155,258	\$318,975	\$0	\$0	\$174,958	\$11,199,828	\$11,199,828
70 Apr 2016	\$11,156	\$40,960	(\$2,030,729)	\$2,463,489	\$1,787,068	\$227,930	\$578,610	\$0	\$1,693,868	\$279,665	\$5,052,017	\$5,052,017
71 May 2016	\$7,352	\$457	(\$54,582)	(\$161,954)	\$924,608	\$111,054	\$215,647	\$0	\$344,050	\$154,736	\$1,541,368	\$1,541,368
72 Jun 2016	(\$523,033)	\$530,821	\$71,058	(\$105,463)	\$2,433,751	(\$448,179)	\$517,712	\$0	\$1,299	\$368,779	\$2,846,744	\$2,846,744
73 Jul 2016	\$9,500	\$3,532	\$4,831	\$41,520	\$498,325	\$95,818	\$290,532	\$0	\$594	\$169,986	\$1,114,638	\$1,114,638
74 Aug 2016	(\$1,271)	\$1,656	\$253,565	(\$172,264)	\$19,190,528	(\$178,070)	(\$5,946,067)	\$0	(\$846)	(\$13,988,911)	(\$841,679)	(\$841,679)
75 Sep 2016	\$15,309	(\$18)	\$1,282,269	\$62,016	\$723,525	(\$60,735)	\$1,508,426	\$178,296,084	\$62,336,396	(\$22,925)	\$244,140,345	\$244,140,345
76 Oct 2016	(\$801)	\$16,333	\$20,241	(\$1,193,771)	\$7,598,895	\$181,307	\$5,980,518	\$2,374,644	\$2,869,951	\$675,684	\$18,523,001	\$18,523,001
77 Nov 2016	\$7,474	\$18,595	\$27,945	\$100,724	\$516,812	\$30,123	\$761,453	\$3,466,677	\$1,212,015	\$209,960	\$6,351,778	\$6,351,778
78 Dec 2016	<u>\$24,326</u>	<u>\$71</u>	<u>\$8,803,346</u>	<u>\$27,931,366</u>	<u>\$14,321,981</u>	<u>\$1,140,994</u>	<u>(\$16,163,768)</u>	<u>\$1,149,358</u>	<u>\$401,837</u>	<u>\$2,079,115</u>	<u>\$39,688,626</u>	<u>\$39,688,626</u>
79 Total:	\$9,482,184	\$612,406	(\$149,601)	\$45,539,309	\$51,952,222	\$2,657,678	(\$11,688,497)	\$185,286,763	\$68,859,162	(\$9,324,925)	\$343,226,702	\$343,226,702

5) Total Transmission Activity Not Including Incentive Plant Activity (See Note 7):

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Sum C2 - C11	
												Total
80 Jan 2016	-\$1,616,115	\$21,089	\$16,407,229	\$13,631,723	\$5,896,067	\$9,633,800	\$9,419,456	\$938,443	\$1,701,955	-\$43,937	\$55,989,710	\$55,989,710
81 Feb 2016	-\$1,086	-\$4,136	\$2,499,653	\$6,727,760	\$11,131	\$10,541,695	\$234,003	-\$24,970	\$103,305	\$5,504	\$20,092,858	\$20,092,858
82 Mar 2016	\$1,826	\$82,797	\$14,030,107	\$30,133,328	\$701,840	\$24,995,605	\$9,611,159	\$27,210	\$1,421,895	\$8,819,258	\$89,825,025	\$89,825,025
83 Apr 2016	-\$1,002	\$5,002	\$38,592,232	\$17,474,341	-\$1,263,838	\$12,995,693	-\$235,406	\$2,327,053	\$8,269,772	\$419,843	\$78,583,690	\$78,583,690
84 May 2016	\$1,001	\$8,501	\$1,171,485	\$2,417,028	\$2,763,272	\$8,549,428	\$476,624	\$240,024	\$1,595,074	\$1,010,443	\$18,232,880	\$18,232,880
85 Jun 2016	\$1,329	-\$936,426	\$9,360,356	\$50,050,530	-\$21,683,708	\$18,354,182	\$1,648,475	\$3,250,929	\$24,252,927	\$2,941,084	\$87,239,677	\$87,239,677
86 Jul 2016	-\$5,716	\$4,115	\$11,802,138	\$85,427,899	-\$619,272	\$7,829,383	-\$798,502	\$608,007	\$994,761	\$353,214	\$105,596,027	\$105,596,027
87 Aug 2016	-\$1,795	\$18,178	-\$1,079,458	\$644,993	\$1,327,009	\$10,297,788	\$421,478	\$662,022	-\$1,128,452	-\$20,767	\$11,140,997	\$11,140,997
88 Sep 2016	-\$1,404	\$2,729,155	\$901,209	\$5,926,401	\$522,499	\$10,565,952	\$7,614,465	\$843,201	\$424,848	\$9,056	\$29,535,383	\$29,535,383
89 Oct 2016	\$0	\$101,939	\$33,870,422	\$26,049,680	\$1,300,796	\$9,269,649	\$1,554,874	-\$6,167,404	-\$778,271	-\$96,872	\$65,104,812	\$65,104,812
90 Nov 2016	\$0	\$11,216	\$6,737,310	\$20,887,674	\$4,486,087	\$10,505,211	-\$2,985,080	\$4,884,497	-\$5,088,933	-\$9,991	\$39,427,991	\$39,427,991
91 Dec 2016	<u>\$0</u>	<u>\$2,180</u>	<u>\$4,808,023</u>	<u>\$33,624,406</u>	<u>\$131,295</u>	<u>\$13,401,544</u>	<u>\$2,430,588</u>	<u>-\$742,546</u>	<u>-\$506,036</u>	<u>\$2,455,281</u>	<u>\$55,604,737</u>	<u>\$55,604,737</u>
92 Total:	-\$1,622,961	\$2,043,610	\$139,100,705	\$292,995,764	-\$6,426,822	\$146,939,930	\$29,392,133	\$6,846,465	\$31,262,845	\$15,842,118	\$656,373,787	\$656,373,787

6) Total Monthly Transmission Activity as a Percent of Annual Transmission Activity (See Note 8)

Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359
93 Jan 2016	99.6%	1.0%	11.8%	4.7%	-91.7%	6.6%	32.0%	13.7%	5.4%	-0.3%
94 Feb 2016	0.1%	-0.2%	1.8%	2.3%	-0.2%	7.2%	0.8%	-0.4%	0.3%	0.0%
95 Mar 2016	-0.1%	4.1%	10.1%	10.3%	-10.9%	17.0%	32.7%	0.4%	4.5%	55.7%
96 Apr 2016	0.1%	0.2%	27.7%	6.0%	19.7%	8.8%	-0.8%	34.0%	26.5%	2.7%
97 May 2016	-0.1%	0.4%	0.8%	0.8%	-43.0%	5.8%	1.6%	3.5%	5.1%	6.4%
98 Jun 2016	-0.1%	-45.8%	6.7%	17.1%	337.4%	12.5%	5.6%	47.5%	77.6%	18.6%
99 Jul 2016	0.4%	0.2%	8.5%	29.2%	9.6%	5.3%	-2.7%	8.9%	3.2%	2.2%
100 Aug 2016	0.1%	0.9%	-0.8%	0.2%	-20.6%	7.0%	1.4%	9.7%	-3.6%	-0.1%
101 Sep 2016	0.1%	133.5%	0.6%	2.0%	-8.1%	7.2%	25.9%	12.3%	1.4%	0.1%
102 Oct 2016	0.0%	5.0%	24.3%	8.9%	-20.2%	6.3%	5.3%	-90.1%	-2.5%	-0.6%
103 Nov 2016	0.0%	0.5%	4.8%	7.1%	-69.8%	7.1%	-10.2%	71.3%	-16.3%	-0.1%
104 Dec 2016	0.0%	0.1%	3.5%	11.5%	-2.0%	9.1%	8.3%	-10.8%	-1.6%	15.5%

4) Calculation of change in Non-Incentive ISO Plant:

A) Change in ISO Plant Balance December to December (See Note 9)											
	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
105	\$8,869,049	\$2,254,447	\$61,124,235	\$218,998,202	\$69,368,470	\$13,579,661	-\$3,742,391	\$185,286,780	\$68,939,144	-\$5,060,454	\$619,617,143
B) Change in Incentive ISO Plant (See Note 10)											
	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
106	\$9,482,184	\$612,406	-\$149,601	\$45,539,309	\$51,952,222	\$2,657,678	-\$11,688,497	\$185,286,763	\$68,859,162	-\$9,324,925	\$343,226,702
C) Change in Non-Incentive ISO Plant (See Note 11)											
	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
107	-\$613,135	\$1,642,041	\$61,273,836	\$173,458,893	\$17,416,247	\$10,921,983	\$7,946,106	\$18	\$79,982	\$4,264,471	\$276,390,441

5) Other ISO Transmission Activity without Incentive Plant Activity (See Note 12):

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
	Sum C2 - C11											
<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>	
108 Jan 2016	-\$610,549	\$16,945	\$7,227,381	\$8,070,232	-\$15,977,937	\$716,076	\$2,546,532	\$2	\$4,354	-\$11,827	\$1,981,210	
109 Feb 2016	-\$410	-\$3,323	\$1,101,097	\$3,982,958	-\$30,163	\$783,560	\$63,262	\$0	\$264	\$1,482	\$5,898,726	
110 Mar 2016	\$690	\$66,528	\$6,180,260	\$17,839,486	-\$1,901,939	\$1,857,913	\$2,598,358	\$0	\$3,638	\$2,374,017	\$29,018,950	
111 Apr 2016	-\$379	\$4,019	\$16,999,871	\$10,345,132	\$3,424,913	\$965,964	-\$63,642	\$6	\$21,157	\$113,016	\$31,810,059	
112 May 2016	\$378	\$6,830	\$516,039	\$1,430,925	-\$7,488,279	\$635,475	\$128,854	\$1	\$4,081	\$271,997	-\$4,493,698	
113 Jun 2016	\$502	-\$752,418	\$4,123,235	\$29,630,836	\$58,761,362	\$1,364,259	\$445,662	\$8	\$62,048	\$791,697	\$94,427,192	
114 Jul 2016	-\$2,159	\$3,306	\$5,198,840	\$50,574,891	\$1,678,185	\$581,955	-\$215,873	\$2	\$2,545	\$95,080	\$57,916,771	
115 Aug 2016	-\$678	\$14,606	-\$475,501	\$381,848	-\$3,596,104	\$765,430	\$113,946	\$2	-\$2,887	-\$5,590	-\$2,804,929	
116 Sep 2016	-\$530	\$2,192,876	\$396,982	\$3,508,539	-\$1,415,937	\$785,363	\$2,058,556	\$2	\$1,087	\$2,438	\$7,529,375	
117 Oct 2016	\$0	\$81,908	\$14,919,915	\$15,421,891	-\$3,525,067	\$689,009	\$420,357	-\$16	-\$1,991	-\$26,076	\$27,979,929	
118 Nov 2016	\$0	\$9,012	\$2,967,784	\$12,365,888	-\$12,156,987	\$780,848	-\$807,011	\$13	-\$13,019	-\$2,689	\$3,143,839	
119 Dec 2016	\$0	\$1,752	\$2,117,933	\$19,906,268	-\$355,800	\$996,131	\$657,105	-\$2	-\$1,295	\$660,926	\$23,983,019	
120 Total:	-\$613,135	\$1,642,041	\$61,273,836	\$173,458,893	\$17,416,247	\$10,921,983	\$7,946,106	\$18	\$79,982	\$4,264,471	\$276,390,441	

Notes:

- 1) Amounts on Line 13 from corresponding account Schedule 7, column 2.
 - Amounts on Line 1 must match corresponding account Schedule 7, Column 2 for previous year.
 - The amounts for each month on the remaining lines are calculated by summing the following values:
 - a) Other ISO Transmission Activity without Incentive Plant Activity on Lines 108-119 for the same month;
 - b) ISO Incentive Plant Activity on Lines 67 to 78 for the same month; and
 - c) The previous month balance of the Transmission Plant - ISO amounts on Lines 1-13.
 - For instance, the amount for May of the Prior Year (on Line 6) for Account 353 (Column 5) is the sum of the following values:
 - a) the "Other ISO Transmission Activity without Incentive Plant Activity" for May of the Prior Year (on Line 112, Column 5);
 - b) the "ISO Incentive Plant Activity" for May of the Prior Year (on Line 71, Column 5);
 - c) and the "Transmission Plant - ISO" amount for April of the Prior Year (on Line 5, Column 5).
 - 2) Amounts on Line 15 must match 6-Plant Study amounts for Distribution Plant - ISO for previous year.
 - Amounts on Line 16 must match amounts on 6-PlantStudy for Distribution Plant - ISO.
 - 3) Reconciles to BOY and EOY FERC Form 1 (FF1 207, Lines 48-56, Column g).
 - 4) Includes recorded Transmission Plant-In-Service additions, retirements, transfers and adjustments. From SCE internal accounting records.
 - 5) Includes balances for SCE Incentive Projects.
 - 6) Monthly differences from previous matrix. Other columns from SCE internal accounting records.
 - 7) Amount in matrix on lines 41 to 52 minus amount in matrix on lines 67 to 78
 - 8) Amount in "Total Transmission Activity Not Including Incentive Plant Activity" matrix divided by Total on Line 92 for each account/month.
 - 9) Amount on Line 13 less amount on Line 1 for each account.
 - 10) Line 79
 - 11) Amount on Line 105 less amount on Line 106 for each account.
 - 12) For each column (FERC Account) divide Line 107 by Line 92 to arrive at a ratio for each column.
- Apply the ratio of each column to each monthly value from Lines 80-91 to calculate the values for the corresponding months listed in Lines 108-119.

Transmission Plant Study

Input cells are shaded yellow

A) Plant Classified as Transmission in FERC Form 1 for Prior Year:

Prior Year: 2016

Line	Account	Col 1 Total Plant	Data Source	Col 2 Transmission Plant - ISO	Col 3 ISO % of Total	Notes
1						
2	Substation					
3	352	\$825,778,508	FF1 207.49g	\$531,582,611	64.37%	
4	353	\$5,586,246,880	FF1 207.50g	\$3,249,175,449	58.16%	
5	Total Substation	\$6,412,025,388	L 3 + L 4	\$3,780,758,060	58.96%	
6						
7	Land					
8	350	\$338,945,967	FF1 207.48g	\$252,172,630	74.40%	
9						
10	Total Substation and Land	\$6,750,971,355	L 5 + L 8	\$4,032,930,690	59.74%	
11						
12	Lines					
13	354	\$2,305,498,226	FF1 207.51g	\$2,233,991,232	96.90%	
14	355	\$1,158,164,968	FF1 207.52g	\$324,258,228	28.00%	
15	356	\$1,499,811,260	FF1 207.53g	\$1,235,903,790	82.40%	
16	357	\$253,220,290	FF1 207.54g	\$185,508,197	73.26%	
17	358	\$368,734,329	FF1 207.55g	\$81,951,072	22.22%	
18	359	\$200,535,234	FF1 207.56g	\$182,027,087	90.77%	
19	Total Lines	\$5,785,964,307	Sum L13 to L18	\$4,243,639,605	73.34%	
20						
21	Total Transmission	\$12,536,935,662	L 10 + L 19	\$8,276,570,295	66.02%	Note 1

B) Plant Classified as Distribution in FERC Form 1:

Line	Account	Total Plant	Data Source	Distribution Plant - ISO	ISO % of Total	Notes
22						
23	Land:					
24	360	\$124,672,241	FF1 207.60g	\$0	0.00%	
25	Structures:					
26	361	\$611,762,558	FF1 207.61g	\$0	0.00%	
27	362	\$2,397,308,356	FF1 207.62g	\$0	0.00%	
28	Total Structures	\$3,009,070,914	L 26 + L 27	\$0	0.00%	
29						
30	Total Distribution	\$3,133,743,155	L 24 + L 28	\$0	0.00%	Note 2

Notes:

- Total transmission does not include account 359.1 "Asset Retirement Costs for Transmission Plant" Total on this line is also equal to FF1 207.58g (Total Transmission Plant) less FF1 207.57g (Asset Retirement Costs for Transmission Plant).
- Only accounts 360-362 included as there is no ISO plant in any other Distribution accounts.

Instructions:

- Perform annual Transmission Study pursuant to instructions in tariff.
- Enter total amounts of plant from FERC Form 1 in Column 1, "Total Plant".
- Enter ISO portion of plant in Column 2, "Transmission Plant - ISO, or "Distribution Plant - ISO".

Accumulated Depreciation Reserve

Input cells are shaded yellow

1) Transmission Depreciation Reserve - ISO

Prior Year: 2016

Balances for Transmission Depreciation Reserve - ISO during the Prior Year, including December of previous year (See Note 1):

Line	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
	FERC Account:											=Sum C2 to C11
	Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Total
1	Dec 2015	\$0	\$15,448,963	\$62,849,697	\$372,512,031	\$406,863,964	\$46,334,041	\$386,000,140	\$132,074	\$1,627,345	\$13,852,616	\$1,305,620,870
2	Jan 2016	\$0	\$15,673,665	\$63,472,377	\$378,290,251	\$406,578,952	\$46,502,639	\$383,943,844	\$126,507	\$1,673,997	\$14,100,949	\$1,310,363,181
3	Feb 2016	\$0	\$15,899,445	\$64,437,002	\$384,317,477	\$410,941,475	\$46,603,053	\$386,970,194	\$126,968	\$1,716,259	\$14,343,863	\$1,325,355,736
4	Mar 2016	\$0	\$16,121,590	\$65,115,015	\$389,598,989	\$414,759,392	\$45,534,270	\$384,815,192	\$127,102	\$1,762,154	\$13,560,314	\$1,331,394,017
5	Apr 2016	\$0	\$16,347,075	\$65,230,085	\$395,343,496	\$420,136,965	\$45,445,159	\$388,110,773	\$112,846	\$1,826,924	\$13,758,660	\$1,346,311,983
6	May 2016	\$0	\$16,572,477	\$66,255,038	\$401,621,252	\$422,324,240	\$45,720,412	\$391,014,055	\$111,649	\$1,878,839	\$13,888,708	\$1,359,386,668
7	Jun 2016	\$0	\$16,837,350	\$67,088,882	\$406,298,099	\$443,929,530	\$45,202,518	\$393,270,413	\$91,613	\$1,994,290	\$13,794,380	\$1,388,507,075
8	Jul 2016	\$0	\$17,062,639	\$67,874,430	\$409,844,784	\$448,916,460	\$45,541,270	\$396,881,907	\$88,113	\$2,045,879	\$14,003,062	\$1,402,258,543
9	Aug 2016	\$0	\$17,287,349	\$68,973,301	\$416,349,764	\$452,360,839	\$45,681,841	\$399,819,187	\$84,275	\$2,091,628	\$14,255,660	\$1,416,903,845
10	Sep 2016	\$0	\$17,398,869	\$70,025,235	\$422,677,384	\$456,476,381	\$45,802,453	\$398,765,369	\$79,304	\$2,141,645	\$14,486,591	\$1,427,853,230
11	Oct 2016	\$0	\$17,623,137	\$70,307,365	\$428,334,928	\$459,971,896	\$46,030,447	\$401,070,351	\$363,354	\$2,389,386	\$14,729,836	\$1,440,820,701
12	Nov 2016	\$0	\$17,851,330	\$71,257,987	\$434,195,531	\$460,943,909	\$46,160,865	\$405,901,284	\$581,519	\$2,634,501	\$14,963,804	\$1,454,490,730
13	Dec 2016	\$0	\$18,079,939	\$72,260,283	\$439,653,028	\$465,353,602	\$46,058,792	\$407,738,326	\$839,659	\$2,896,108	\$14,910,822	\$1,467,790,558
14	13-Mo. Avg:	\$0	\$16,784,910	\$67,318,977	\$406,079,770	\$436,119,816	\$45,893,674	\$394,177,003	\$220,383	\$2,052,227	\$14,203,790	\$1,382,850,549

2) Distribution Depreciation Reserve - ISO (See Note 2)

Line	Col 1	Col 2	Col 3	Col 4	Col 5	Notes
	FERC Account:					=Sum C2 to C4
	Mo/YR	360	361	362	Total	
15	Dec 2015	\$0	\$0	\$0	\$0	Beginning of Year ("BOY") amount
16	Dec 2016	\$0	\$0	\$0	\$0	End of Year ("EOY") amount
17	BOY/EOY Average:	\$0	\$0	\$0	\$0	Average of Line 15 and Line 16

3) General and Intangible Depreciation Reserve

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	
			=C4+C5			
			Total			
			Gen. and Int.	General	Intangible	
			Depreciation	Depreciation	Depreciation	
	Mo/YR		Reserve	Reserve	Reserve	Source
18	Dec 2015	BOY:	\$1,958,254,795	\$1,011,263,915	\$946,990,880	FF1 219.28c and 200.21c for previous year
19	Dec 2016	EOY:	\$1,917,414,678	\$1,073,416,375	\$843,998,303	FF1 219.28c and 200.21c
20		BOY/EOY Average:	\$1,937,834,737			Average of Line 18 and Line 19

a) Average BOY/EOY General and Intangible Depreciation Reserve

		<u>Amount</u>	<u>Source</u>
21	Total G+I Dep. Reserve on Average BOY/EOY basis:	\$1,937,834,737	Line 20
22	Transmission W&S Allocation Factor:	6.1650%	27-Allocators, Line 9
23	G + I Plant Dep. Reserve (BOY/EOY Average):	\$119,467,537	Line 21 * Line 22

b) EOY General and Intangible Depreciation Reserve

		<u>Amount</u>	<u>Source</u>
24	Total G+I Dep. Reserve on Average EOY basis:	\$1,917,414,678	Line 19
25	Transmission W&S Allocation Factor:	6.1650%	27-Allocators, Line 9
26	G + I Plant Dep. Reserve (EOY):	\$118,208,640	Line 24 * Line 25

Transmission Activity Used to Determine Monthly Transmission Depreciation Reserve - ISO Balances

1) ISO Depreciation Expense (See Note 3)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
	Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Sum C2 - C11
												Total
27	Jan 2016	\$0	\$225,584	\$1,007,565	\$6,237,115	\$4,401,400	\$950,159	\$3,150,767	\$304	\$41,963	\$243,214	\$16,258,071
28	Feb 2016	\$0	\$225,607	\$1,023,262	\$6,253,707	\$4,371,370	\$955,630	\$3,155,707	\$304	\$41,978	\$243,556	\$16,271,120
29	Mar 2016	\$0	\$225,602	\$1,007,134	\$6,295,913	\$4,375,766	\$959,033	\$3,158,035	\$304	\$41,978	\$243,947	\$16,307,713
30	Apr 2016	\$0	\$225,694	\$1,020,375	\$6,332,758	\$4,373,028	\$965,190	\$3,165,450	\$304	\$41,990	\$247,260	\$16,372,050
31	May 2016	\$0	\$225,757	\$1,052,434	\$6,359,122	\$4,383,626	\$968,842	\$3,166,758	\$304	\$47,521	\$247,771	\$16,452,135
32	Jun 2016	\$0	\$225,767	\$1,053,422	\$6,361,734	\$4,370,279	\$971,125	\$3,167,634	\$304	\$48,644	\$248,325	\$16,447,235
33	Jul 2016	\$0	\$225,460	\$1,062,405	\$6,422,507	\$4,494,710	\$973,926	\$3,170,083	\$304	\$48,848	\$249,834	\$16,648,078
34	Aug 2016	\$0	\$225,470	\$1,073,549	\$6,526,693	\$4,499,135	\$975,999	\$3,170,272	\$304	\$48,858	\$250,179	\$16,770,460
35	Sep 2016	\$0	\$225,492	\$1,073,074	\$6,527,124	\$4,530,844	\$977,796	\$3,155,449	\$304	\$48,846	\$231,986	\$16,770,915
36	Oct 2016	\$0	\$228,526	\$1,076,670	\$6,534,474	\$4,529,436	\$980,012	\$3,164,515	\$245,462	\$249,885	\$231,959	\$17,240,938
37	Nov 2016	\$0	\$228,662	\$1,108,667	\$6,563,760	\$4,537,719	\$982,673	\$3,180,784	\$248,727	\$259,134	\$232,804	\$17,342,930
38	Dec 2016	\$0	\$228,700	\$1,115,083	\$6,589,420	\$4,514,051	\$985,154	\$3,180,668	\$253,493	\$263,000	\$233,073	\$17,362,643
39	Total:	\$0	\$2,716,320	\$12,673,640	\$77,004,328	\$53,381,363	\$11,645,539	\$37,986,122	\$750,422	\$1,182,645	\$2,903,907	\$200,244,286

2) Total Transmission Allocation Factors (See Note 4)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>
	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>
40	Jan 2016	99.6%	1.0%	11.8%	4.7%	-91.7%	6.6%	32.0%	13.7%	5.4%	-0.3%
41	Feb 2016	0.1%	-0.2%	1.8%	2.3%	-0.2%	7.2%	0.8%	-0.4%	0.3%	0.0%
42	Mar 2016	-0.1%	4.1%	10.1%	10.3%	-10.9%	17.0%	32.7%	0.4%	4.5%	55.7%
43	Apr 2016	0.1%	0.2%	27.7%	6.0%	19.7%	8.8%	-0.8%	34.0%	26.5%	2.7%
44	May 2016	-0.1%	0.4%	0.8%	0.8%	-43.0%	5.8%	1.6%	3.5%	5.1%	6.4%
45	Jun 2016	-0.1%	-45.8%	6.7%	17.1%	337.4%	12.5%	5.6%	47.5%	77.6%	18.6%
46	Jul 2016	0.4%	0.2%	8.5%	29.2%	9.6%	5.3%	-2.7%	8.9%	3.2%	2.2%
47	Aug 2016	0.1%	0.9%	-0.8%	0.2%	-20.6%	7.0%	1.4%	9.7%	-3.6%	-0.1%
48	Sep 2016	0.1%	133.5%	0.6%	2.0%	-8.1%	7.2%	25.9%	12.3%	1.4%	0.1%
49	Oct 2016	0.0%	5.0%	24.3%	8.9%	-20.2%	6.3%	5.3%	-90.1%	-2.5%	-0.6%
50	Nov 2016	0.0%	0.5%	4.8%	7.1%	-69.8%	7.1%	-10.2%	71.3%	-16.3%	-0.1%
51	Dec 2016	0.0%	0.1%	3.5%	11.5%	-2.0%	9.1%	8.3%	-10.8%	-1.6%	15.5%

3) Calculation of Non-Incentive ISO Reserve

A) Change in Depreciation Reserve - ISO (See Note 5)											
	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
52	\$0	\$2,630,976	\$9,410,586	\$67,140,997	\$58,489,638	-\$275,249	\$21,738,186	\$707,584	\$1,268,763	\$1,058,206	\$162,169,688
B) Total Depreciation Expense (See Note 6)											
	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
53	\$0	\$2,716,320	\$12,673,640	\$77,004,328	\$53,381,363	\$11,645,539	\$37,986,122	\$750,422	\$1,182,645	\$2,903,907	\$200,244,286
C) Other Activity (See Note 7)											
	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
54	\$0	-\$85,344	-\$3,263,054	-\$9,863,331	\$5,108,275	-\$11,920,788	-\$16,247,936	-\$42,837	\$86,118	-\$1,845,701	-\$38,074,599

4) Other Transmission Activity (See Note 8)

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
	<u>Mo/YR</u>	<u>350.1</u>	<u>350.2</u>	<u>352</u>	<u>353</u>	<u>354</u>	<u>355</u>	<u>356</u>	<u>357</u>	<u>358</u>	<u>359</u>	<u>Total</u>
												Sum C2 - C11
55	Jan 2016	\$0	-\$881	-\$384,884	-\$458,895	-\$4,686,411	-\$781,561	-\$5,207,064	-\$5,872	\$4,688	\$5,119	-\$11,515,760
56	Feb 2016	\$0	\$173	-\$58,637	-\$226,482	-\$8,847	-\$855,216	-\$129,356	\$156	\$285	-\$641	-\$1,278,566
57	Mar 2016	\$0	-\$3,458	-\$329,121	-\$1,014,400	-\$557,848	-\$2,027,817	-\$5,313,037	-\$170	\$3,917	-\$1,027,496	-\$10,269,431
58	Apr 2016	\$0	-\$209	-\$905,305	-\$588,252	\$1,004,545	-\$1,054,301	\$130,132	-\$14,560	\$22,780	-\$48,914	-\$1,454,083
59	May 2016	\$0	-\$355	-\$27,481	-\$81,366	-\$2,196,351	-\$693,589	-\$263,477	-\$1,502	\$4,394	-\$117,723	-\$3,377,450
60	Jun 2016	\$0	\$39,106	-\$219,577	-\$1,684,888	\$17,235,011	-\$1,489,019	-\$911,275	-\$20,341	\$66,808	-\$342,654	\$12,673,171
61	Jul 2016	\$0	-\$172	-\$276,857	-\$2,875,822	\$492,220	-\$635,174	\$441,411	-\$3,804	\$2,740	-\$41,152	-\$2,896,609
62	Aug 2016	\$0	-\$759	\$25,322	-\$21,713	-\$1,054,756	-\$835,428	-\$232,993	-\$4,142	-\$3,108	\$2,419	-\$2,125,158
63	Sep 2016	\$0	-\$113,973	-\$21,141	-\$199,505	-\$415,302	-\$857,183	-\$4,209,267	-\$5,276	\$1,170	-\$1,055	-\$5,821,531
64	Oct 2016	\$0	-\$4,257	-\$794,540	-\$876,929	-\$1,033,920	-\$752,018	-\$859,532	\$38,589	-\$2,144	\$11,286	-\$4,273,466
65	Nov 2016	\$0	-\$468	-\$158,045	-\$703,157	-\$3,565,707	-\$852,256	\$1,650,149	-\$30,562	-\$14,018	\$1,164	-\$3,672,900
66	Dec 2016	\$0	-\$91	-\$112,788	-\$1,131,923	-\$104,358	-\$1,087,226	-\$1,343,626	\$4,646	-\$1,394	-\$286,055	-\$4,062,815
67	Total:	\$0	-\$85,344	-\$3,263,054	-\$9,863,331	\$5,108,275	-\$11,920,788	-\$16,247,936	-\$42,837	\$86,118	-\$1,845,701	-\$38,074,599

Notes:

- 1) Amounts on Line 13 based on current year Plant Study. Amounts on Line 1 shall be based on previous year Plant Study, and shall match amounts on Line 13 in previous year Annual Update.
The amounts for each month on the remaining lines are calculated by summing the following values:
 - a) Depreciation Expense (on Lines 27 to 38) for the same month;
 - b) Other Transmission Activity (on Lines 55 to 66) for the same month; and
 - c) Balances for Transmission Depreciation Reserve (on Lines 1 to 13) for the previous month.
 For instance, the amount for May of the Prior Year (on Line 6) for Account 353 (Column 5) is the sum of the following values:
 - a) Depreciation Expense for May of the Prior Year (on Line 44, Column 5);
 - b) Other Transmission Activity for May of the Prior Year (on Line 59, Column 5); and
 - c) The balances for Transmission Depreciation Reserve for April of the Prior Year (on Line 5, column 5).
- 2) Amounts on Line 15 derived from Plant Study for previous year Prior Year.
Amounts on Line 16 derived from Plant Study for Prior Year.
- 3) From 17-Depreciation, Lines 24 to 35.
- 4) From 6-PlantInService, Lines 93 to 104.
- 5) Line 13 - Line 1.
- 6) Line 39.
- 7) Line 52 - Line 53.
- 8) Multiply the monthly "Total Transmission Allocation Factors" ratios found in Lines 40-51 by the "Other Activity" on Line 54.

Accumulated Deferred Income Taxes

Cells shaded yellow are input cells

1) Summary of Accumulated Deferred Income Taxes

		<u>Col 1</u>	<u>Col 2</u>	
<u>Line</u>	<u>Account</u>	<u>Total ADIT</u>	<u>Source</u>	
1	Account 190	\$13,441,450		Line 353, Col. 2
2	Account 282	-\$1,533,846,891		Line 452, Col. 2
3	Account 283	-\$30,203,164		Line 803, Col. 2
4	Total Accumulated Deferred Income Taxes	-\$1,550,608,605		Sum of Lines 1 to 3
5				
6	b) Beginning of Year Accumulated Deferred Income Taxes			
7		<u>BOY</u>		
8		<u>ADIT</u>	<u>Source</u>	
9	Total Accumulated Deferred Income Taxes	-\$1,310,937,724		Previous Year Informational Filing, Line 4, Col. 2
10				
11	c) Average of Beginning and End of Year Accumulated Deferred Income Taxes			
12		<u>Average</u>		
13		<u>ADIT</u>	<u>Source</u>	
14	Weighted Average ADIT:	-\$1,384,321,610		Line 819

2) Account 190 Detail

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>
<u>ACCT 190</u>	<u>DESCRIPTION</u>	<u>END BAL</u>	<u>Gas, Generation</u>	<u>ISO Only</u>	<u>Plant Related</u>	<u>Labor</u>	<u>(Instructions 1&2)</u>
		<u>per G/L</u>	<u>or Other Related</u>			<u>Related</u>	<u>Description</u>
Electric:							
100	190.000	Amort of Debt Issuance Cost	\$888,877	\$729		\$888,148	C: Relates to all Regulated Electric Property
101	190.000	Executive Incentive Comp	\$4,269,587	\$11,388		\$4,258,199	C: Relates to employees in all functions
102	190.000	Bond Discount Amort	\$1,094,107	\$897			C: Relates to all Regulated Electric Property
103	190.000	Executive Incentive Plan	\$3,098,046	\$8,263		\$3,089,783	C: Relates to employees in all functions
104	190.000	Ins - Inj/Damages Prov	\$45,946,549	\$122,551		\$45,823,998	C: Relates to employees in all functions
105	190.000	Accrued Vacation	\$18,594,295	\$49,596		\$18,544,699	C: Relates to employees in all functions
106	190.000	PBOP 401H Amortization	\$53,413,524	\$142,467		\$53,271,057	C: Relates to employees in all functions
107	190.000	EMS	\$1,263,638	\$1,036		\$1,262,602	C: Relates to all Regulated Electric Property
108	190.000	Amortization of Debt Expense	\$1,564,283	\$1,282		\$1,563,001	C: Relates to all Regulated Electric Property
109	190.000	Decommissioning	\$369,377,416	\$369,377,416			Relates to Nuclear Decommissioning Costs
110	190.000	Balancing Accounts	\$238,433	\$238,433			Relates Entirely to CPUC Balancing Account Recovery
111	190.000	CIAC/ITCC	\$85,326,766	\$85,326,766			Non-Rate Base FAS 109 Tax - CIAC
112	190.000	Pension & PBOP	\$16,661,615	\$44,441		\$16,617,174	C: Relates to employees in all functions
113	190.000	Property/Non-ISO	\$9,929,442	\$9,929,442			Non-Rate Base Property
114	190.000	Regulatory Assets/Liab	\$11,348,185	\$11,348,185			Relates to Nonrecovery Balancing Account
115	190.000	Temp - Other/Non-ISO	\$274,818,699	\$274,818,699			Not Component of Rate Base
116	190.000	Net Operating Losses DTA	\$19,586,959	\$0		\$19,586,959	NOL/DTA

Continuation of Account 190 Detail

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>
<u>ACCT 190</u>	<u>DESCRIPTION</u>	<u>END BAL</u>	<u>Gas, Generation</u>	<u>ISO Only</u>	<u>Plant Related</u>	<u>Labor Related</u>	<u>(Instructions 1&2)</u>
		<u>per G/L</u>	<u>or Other Related</u>				<u>Description</u>
Electric:							
117	...						<u>Source</u>
250	Total Electric 190	\$917,420,421	\$751,421,589	\$0	\$24,393,921	\$141,604,911	Sum of Above Lines beginning on Line 100

Account 190 Gas and Other Income:		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7
								(Instructions 1&2)
300	190.000	Balancing Accounts	\$4,384,411					Gas and Other Non-ISO Related Costs
301	...							
350		Total Account 190 Gas and Other Income	\$4,384,411	\$0	\$0	\$0	\$0	Sum of Above Lines beginning on Line 300
351		Total Account 190	\$921,804,832	\$751,421,589	\$0	\$24,393,921	\$141,604,911	Line 250 + Line 350
352		Allocation Factors (Plant and Wages)				19.314%	6.165%	27-Allocators Lines 22 and 9 respectively.
353		Total Account 190 ADIT (Sum of amounts in Columns 4 to 6)	\$13,441,450		\$0	\$4,711,505	\$8,729,945	Line 351 * Line 352 for Cols 5 and 6. Col. 4 100% ISO.
354		FERC Form 1 Account 190	\$921,804,832	Must match amount on Line 351, Col. 2				FF1 234.18c
3) Account 282 Detail								
ACCT 282	DESCRIPTION	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7
			END BAL per G/L	Gas, Generation or Other Related	ISO Only	Plant Related	Labor Related	(Instructions 1&2) Description
400	282.000	Fully Normalized Deferred Tax	-\$1,533,846,891		-\$1,533,846,891			Property-Related FERC Costs
401	282.000	Property/Non-ISO	-\$8,737,861,331	-\$8,737,861,331				Property-Related CPUC Costs
402	282.000	Temp - Other/Non-ISO	\$0	\$0				Not Component of Rate Base
403	282.000	Capitalized software	-\$9,484,309	-\$9,484,309				Property-Related CPUC Costs - Cap Software
404	282.000	Audit Rollforward	-\$4,223,920	-\$4,223,920				Property-Related CPUC Costs - Audit
405	282.000	Property/Non-ISO	-\$11,553,647	-\$11,553,647				Gas and Other Non-ISO Related Costs
406	...							
450		Total Account 282	-\$10,296,970,098	-\$8,763,123,207	-\$1,533,846,891	\$0	\$0	Sum of Above Lines beginning on Line 400
451		Allocation Factors (Plant and Wages)				19.314%	6.165%	27-Allocators Lines 22 and 9 respectively.
452		Total Account 282 ADIT (Sum of amounts in Columns 4 to 6)	-\$1,533,846,891		-\$1,533,846,891	\$0	\$0	Line 450 * Line 451 for Cols 5 and 6. Col. 4 100% ISO.
453		FERC Form 1 Account 282	-\$10,296,970,098	Must match amount on Line 450, Col. 2				FF1 275.5k

4) Account 283 Detail

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>
<u>ACCT 283</u>	<u>DESCRIPTION</u>	<u>END BAL</u>	<u>Gas, Generation</u>	<u>ISO Only</u>	<u>Plant Related</u>	<u>Labor</u>	<u>(Instructions 1&2)</u>
		<u>per G/L</u>	<u>or Other Related</u>			<u>Related</u>	<u>Description</u>
Electric:							
500	283.000 Ad Valorem Lien Date Adj-Electric	-\$91,617,729			-\$91,617,729		Relates to all Regulated Electric Property
501	283.000 Refunding & Retirement of Debt	-\$63,685,749	-\$52,200		-\$63,633,549		C: Relates to all Regulated Electric Property
502	283.000 Health Care - IBNR	-\$3,537,910	-\$9,436			-\$3,528,474	C: Relates to employees in all functions
503	283.000 Balancing Accounts	-\$133,742,405	-\$133,742,405				Relates Entirely to CPUC Balancing Account Recovery
504	283.000 Capitalized Software	\$0	\$0				Property-Related CPUC Costs - Cap Software
505	283.000 Decommissioning	-\$348,213,647	-\$348,213,647				Relates to Nuclear Decommissioning Costs
506	283.000 Property/Non-ISO	\$0	\$0				Property-Related CPUC Costs
507	283.000 Regulatory Assets/Liab	\$0	\$0				Relates Entirely to CPUC Balancing Account Recovery
508	283.000 Temp - Other/Non-ISO	-\$25,131,601	-\$25,131,601				Non-Rate Base FAS 109 Tax Flow-Thru

Continuation of Account 283 Detail

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>
<u>ACCT 283</u>	<u>DESCRIPTION</u>	<u>END BAL</u>	<u>Gas, Generation</u>	<u>ISO Only</u>	<u>Plant Related</u>	<u>Labor</u>	<u>(Instructions 1&2)</u>
		<u>per G/L</u>	<u>or Other Related</u>			<u>Related</u>	<u>Description</u>
Electric (continued):							
509	...						
650	Total Electric 283	-\$665,929,040	-\$507,149,289	\$0	-\$155,251,278	-\$3,528,474	Sum of Above Lines beginning on Line 500
Account 283 Gas and Other:							
							(Instructions 1&2)
700	283.000 Temp - Other/Non-ISO	-\$303,719	-\$303,719				Gas and Other Non-ISO Related Costs
701	...						

Schedule 9
ADIT

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Source</u>
800	Total Account 283 Gas and Other	-\$303,719	-\$303,719	\$0	\$0	\$0	Sum of Above Lines beginning on Line 700
801	Total Account 283	-\$666,232,759	-\$507,453,008	\$0	-\$155,251,278	-\$3,528,474	Line 650 + Line 800
802	Allocation Factors (Plant and Wages)				19.314%	6.165%	27-Allocators Lines 22 and 9 respectively.
803	Total Account 283 ADIT (Sum of amounts in Columns 4 to 6)	-\$30,203,164		\$0	-\$29,985,633	-\$217,530	Line 801 * Line 802 for Cols 5 and 6. Col. 4 100% ISO.
804	FERC Form 1 Account 283	-\$666,232,759	Must match amount on Line 801, Col. 2				FF1 277.19k

5) Tax Normalization Calculation Pursuant to Treas. Reg §1.167(l)-1(h)(6); PLR 9313008; 9202029; 922404; 201717008

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>
		See Note 1	See Note 2			Col 5 / Tot. Days	= Col 2 * Col 6	See Note 3
	<u>Future Test Period</u>	<u>Mthly Deferred Tax Amount</u>	<u>Deferred Tax Balance</u>	<u>Days in Month</u>	<u>Number of Days Left in Period</u>	<u>Prorata Percentages</u>	<u>Monthly Prorata Amounts</u>	<u>Annual Accumulated Prorata Calculation</u>
805	Beginning Deferred Tax Balance (Line 9, Col. 2)		-\$1,310,937,724		366	100.00%		-\$1,310,937,724
806	January	-\$19,972,573.43	-\$1,330,910,297	31	335	91.53%	-\$18,280,907	-\$1,329,218,631
807	February	-\$19,972,573.43	-\$1,350,882,871	29	306	83.61%	-\$16,698,381	-\$1,345,917,012
808	March	-\$19,972,573.43	-\$1,370,855,444	31	275	75.14%	-\$15,006,715	-\$1,360,923,727
809	April	-\$19,972,573.43	-\$1,390,828,018	30	245	66.94%	-\$13,369,619	-\$1,374,293,346
810	May	-\$19,972,573.43	-\$1,410,800,591	31	214	58.47%	-\$11,677,953	-\$1,385,971,299
811	June	-\$19,972,573.43	-\$1,430,773,165	30	184	50.27%	-\$10,040,857	-\$1,396,012,156
812	July	-\$19,972,573.43	-\$1,450,745,738	31	153	41.80%	-\$8,349,191	-\$1,404,361,346
813	August	-\$19,972,573.43	-\$1,470,718,311	31	122	33.33%	-\$6,657,524	-\$1,411,018,871
814	September	-\$19,972,573.43	-\$1,490,690,885	30	92	25.14%	-\$5,020,428	-\$1,416,039,299
815	October	-\$19,972,573.43	-\$1,510,663,458	31	61	16.67%	-\$3,328,762	-\$1,419,368,061
816	November	-\$19,972,573.43	-\$1,530,636,032	30	31	8.47%	-\$1,691,666	-\$1,421,059,727
817	December	-\$19,972,573.43	-\$1,550,608,605	31	0	0.00%	\$0	-\$1,421,059,727
818	Ending Balance (Line 4, Col. 2)		-\$1,550,608,605					
819						Weighted Average ADIT Balance:		-\$1,384,321,610

Instruction 1: For any "Company Wide" ADIT line item balance (i.e., that include Catalina Gas or Water costs), indicate in Column 7 with a leading "C:".

Instruction 2: For any Company Wide ADIT balance items, include a portion of the total Column 2 balance in Column 3 "Gas, Generation, or Other Related" based on the following percentages.

1) For Line items allocated based on the Wages and Salaries Allocation Factor:

	FERC Form 1 Reference or Instruction	Prior Year Value
A:Total Electric Wages and Salaries	FF1 354.28b	\$737,797,550
B:Gas Wages and Salaries	FF1 355.62b	\$609,829
C:Water Wages and Salaries	FF1 355.64b	<u>\$1,363,321</u>
D:Total Electric, Gas, and Water Wages and Salaries	A+B+C	\$739,770,700
E:Labor Percentage "Gas, Generation, or Other"	(B+C) / D	0.2667%

2) For Line items allocated based on the Transmission Plant Allocation Factor or "ISO Only":

	FERC Form 1 Reference or Instruction	Prior Year Value
F:Total Electric Plant In Service	FF1 207.104g	\$44,298,088,225
G:Total Gas Plant In Service	FF1 201.8d	\$5,156,153
H:Total Water Plant in Service	FF1 201.8e	<u>\$31,182,471</u>
I:Total Electric, Gas, and Water Plant In Service	F+G+H	\$44,334,426,849
J:Plant Percentage "Gas, Generation, or Other"	(G+H) / I	0.0820%

Instruction 3: Classify any ADIT line items relating to refunding and retirement of debt as Plant related (Column 5).

Notes:

- 1) The monthly deferred tax amounts are equal to the ending ADIT balance minus the beginning ADIT balance, divided by 12 months.
- 2) For January through December = previous month balance plus amount in Column 2.
- 3) The weighted average ADIT Balance is equal to the summation of Col. 8, Lines 805 through 817, divided by 13 months.

Prior Year CWIP and Forecast Period Incremental CWIP by Project

Prior Year CWIP is the amount of Construction Work In Progress for projects that have received Commission approval to include CWIP in Rate Base.

1) Prior Year CWIP, Total and by Project

			<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>
			= Sum of all columns					
<u>Line</u>	<u>Month</u>	<u>Year</u>	<u>Monthly Total CWIP</u>	<u>Tehachapi</u>	<u>Devers to Colorado River</u>	<u>South of Kramer</u>	<u>West of Devers</u>	<u>Red Bluff</u>
1	December	2015	\$296,606,973	\$225,689,500	\$0	\$2,844,116	\$52,084,176	\$9,220,094
2	January	2016	\$296,679,130	\$234,537,306	\$0	\$2,844,116	\$52,498,624	\$0
3	February	2016	\$309,317,596	\$246,277,835	\$0	\$2,844,116	\$52,874,292	\$0
4	March	2016	\$316,026,673	\$249,130,156	\$0	\$2,902,846	\$53,618,763	\$0
5	April	2016	\$336,604,184	\$264,263,823	\$0	\$3,081,401	\$54,251,603	\$0
6	May	2016	\$345,602,500	\$272,082,292	\$0	\$3,292,807	\$54,675,188	\$0
7	June	2016	\$355,825,957	\$281,130,584	\$0	\$3,401,902	\$55,165,591	\$0
8	July	2016	\$367,260,330	\$288,522,861	\$0	\$3,505,384	\$55,846,692	\$0
9	August	2016	\$378,773,233	\$297,512,902	\$0	\$3,578,266	\$56,943,644	\$0
10	September	2016	\$143,859,740	\$61,004,683	\$0	\$3,745,751	\$57,634,501	\$0
11	October	2016	\$135,182,377	\$48,827,981	\$0	\$3,889,872	\$58,274,960	\$0
12	November	2016	\$137,652,282	\$49,593,830	\$0	\$3,997,682	\$58,866,561	\$0
13	December	2016	\$115,749,706	\$14,915,548	\$0	\$4,204,927	\$69,685,245	\$0
14	13 Month Averages:		\$271,933,898	\$194,883,792	\$0	\$3,394,860	\$56,339,988	\$709,238

			<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>	<u>Col 11</u>	<u>Col 12</u>
			<u>Whirlwind Substation Expansion</u>	<u>Colorado River Substation Expansion</u>				
<u>Line</u>	<u>Month</u>	<u>Year</u>						
15	December	2015	\$6,769,087	\$0				
16	January	2016	\$6,799,085	\$0				
17	February	2016	\$7,321,353	\$0				
18	March	2016	\$10,374,908	\$0				
19	April	2016	\$15,007,357	\$0				
20	May	2016	\$15,552,213	\$0				
21	June	2016	\$16,127,880	\$0				
22	July	2016	\$19,385,392	\$0				
23	August	2016	\$20,738,420	\$0				
24	September	2016	\$21,474,805	\$0				
25	October	2016	\$24,189,564	\$0				
26	November	2016	\$25,194,210	\$0				
27	December	2016	\$26,943,987	\$0				
28	13 Month Averages:		\$16,606,020	\$0	\$0	\$0	---	---

2) Total Forecast Period CWIP Expenditures (see Note 1)

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
			See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2
			Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Total Unloaded Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
29	December	2016	---	---	---	---	---	---	\$115,749,706	---
30	January	2017	\$1,394,374	\$104,578	\$1,498,952	\$1,056,402	\$908,847	\$11,067	\$116,181,189	\$431,483
31	February	2017	\$3,048,156	\$228,612	\$3,276,768	\$1,350,043	\$0	\$101,253	\$118,006,660	\$2,256,954
32	March	2017	\$7,375,954	\$553,197	\$7,929,151	\$1,328,768	\$0	\$99,658	\$124,507,386	\$8,757,679
33	April	2017	\$2,317,450	\$173,809	\$2,491,259	\$32,542,040	\$26,336,913	\$465,385	\$93,991,221	-\$21,758,485
34	May	2017	\$2,567,144	\$192,536	\$2,759,680	\$936,909	\$0	\$70,268	\$95,743,724	-\$20,005,983
35	June	2017	\$9,490,637	\$711,798	\$10,202,435	\$23,124,446	\$14,613,775	\$638,300	\$82,183,413	-\$33,566,294
36	July	2017	\$5,765,727	\$432,430	\$6,198,157	\$2,155,272	\$0	\$161,645	\$86,064,652	-\$29,685,054
37	August	2017	\$5,784,251	\$433,819	\$6,218,070	\$1,484,272	\$0	\$111,320	\$90,687,129	-\$25,062,577
38	September	2017	\$6,986,239	\$523,968	\$7,510,206	\$1,798,476	\$0	\$134,886	\$96,263,975	-\$19,485,732
39	October	2017	\$6,230,831	\$467,312	\$6,698,144	\$1,172,272	\$0	\$87,920	\$101,701,925	-\$14,047,781
40	November	2017	\$4,951,973	\$371,398	\$5,323,371	\$853,384	\$0	\$64,004	\$106,107,909	-\$9,641,798
41	December	2017	\$13,053,864	\$979,040	\$14,032,904	\$4,713,015	\$0	\$353,476	\$115,074,321	-\$675,385
42	January	2018	\$8,546,000	\$640,950	\$9,186,950	\$0	\$0	\$0	\$124,261,271	\$8,511,565
43	February	2018	\$8,746,000	\$655,950	\$9,401,950	\$0	\$0	\$0	\$133,663,221	\$17,913,515
44	March	2018	\$21,116,000	\$1,583,700	\$22,699,700	\$0	\$0	\$0	\$156,362,921	\$40,613,215
45	April	2018	\$21,116,000	\$1,583,700	\$22,699,700	\$0	\$0	\$0	\$179,062,621	\$63,312,915
46	May	2018	\$21,271,000	\$1,595,325	\$22,866,325	\$0	\$0	\$0	\$201,928,946	\$86,179,240
47	June	2018	\$21,310,000	\$1,598,250	\$22,908,250	\$0	\$0	\$0	\$224,837,196	\$109,087,490
48	July	2018	\$21,515,000	\$1,613,625	\$23,128,625	\$0	\$0	\$0	\$247,965,821	\$132,216,115
49	August	2018	\$21,568,000	\$1,617,600	\$23,185,600	\$0	\$0	\$0	\$271,151,421	\$155,401,715
50	September	2018	\$23,436,000	\$1,757,700	\$25,193,700	\$0	\$0	\$0	\$296,345,121	\$180,595,415
51	October	2018	\$28,927,000	\$2,169,525	\$31,096,525	\$0	\$0	\$0	\$327,441,646	\$211,691,940
52	November	2018	\$22,524,000	\$1,689,300	\$24,213,300	\$0	\$0	\$0	\$351,654,946	\$235,905,240
53	December	2018	\$22,639,000	\$1,697,925	\$24,336,925	\$0	\$0	\$0	\$375,991,871	\$260,242,165
54	13-Month Averages:									\$115,461,165

3) Forecast Period CWIP Expenditures by Project (see Note 1)

3a) Project:

Tehachapi

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
				= C1 *	= C1 + C2	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
			Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Total Unloaded Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
55	December	2016	---	---	---	---	---	---	\$14,915,548	---
56	January	2017	\$623,335	\$46,750	\$670,085	\$1,391,483	\$908,847	\$36,198	\$14,157,951	-\$757,596
57	February	2017	\$1,344,282	\$100,821	\$1,445,103	\$1,315,973	\$0	\$98,698	\$14,188,383	-\$727,164
58	March	2017	\$1,233,135	\$92,485	\$1,325,620	\$1,228,278	\$0	\$92,121	\$14,193,605	-\$721,943
59	April	2017	\$596,909	\$44,768	\$641,677	\$566,909	\$0	\$42,518	\$14,225,855	-\$689,693
60	May	2017	\$911,909	\$68,393	\$980,302	\$736,909	\$0	\$55,268	\$14,413,980	-\$501,568
61	June	2017	\$7,874,153	\$590,561	\$8,464,715	\$22,259,718	\$14,006,701	\$618,976	\$0	-\$14,915,548
62	July	2017	\$2,035,340	\$152,651	\$2,187,991	\$2,035,340	\$0	\$152,651	\$0	-\$14,915,548
63	August	2017	\$1,470,340	\$110,276	\$1,580,616	\$1,470,340	\$0	\$110,276	\$0	-\$14,915,548
64	September	2017	\$1,786,543	\$133,991	\$1,920,534	\$1,786,543	\$0	\$133,991	\$0	-\$14,915,548
65	October	2017	\$1,160,340	\$87,026	\$1,247,366	\$1,160,340	\$0	\$87,026	\$0	-\$14,915,548
66	November	2017	\$841,452	\$63,109	\$904,561	\$841,452	\$0	\$63,109	\$0	-\$14,915,548
67	December	2017	\$4,701,083	\$352,581	\$5,053,664	\$4,701,083	\$0	\$352,581	\$0	-\$14,915,548
68	January	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
69	February	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
70	March	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
71	April	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
72	May	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
73	June	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
74	July	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
75	August	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
76	September	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
77	October	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
78	November	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
79	December	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$14,915,548
80	13-Month Averages:									-\$14,915,548

3b) Project: **Devers to Colorado River**

			Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
				= C1 * 16-Plnt Add Line 74	= C1 + C2			= (C4 - C5) * 16-Plnt Add Line 74	= Prior Month C7 + C3 - C4 - C6	= C7 - Dec Prior Year C7
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
81	December	2016	---	---	---	---	---	---	\$0	---
82	January	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
83	February	2017	-\$80,270	-\$6,020	-\$86,290	-\$80,270	\$0	-\$6,020	\$0	\$0
84	March	2017	-\$18	-\$1	-\$19	-\$18	\$0	-\$1	\$0	\$0
85	April	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
86	May	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
87	June	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
88	July	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
89	August	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
90	September	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
91	October	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
92	November	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
93	December	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
94	January	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95	February	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
96	March	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
97	April	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
98	May	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
99	June	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
100	July	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
101	August	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
102	September	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
103	October	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
104	November	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
105	December	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
106	13-Month Averages:									\$0

3c) Project: **South of Kramer**

Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
107	December	2016	---	---	---	---	---	---	\$4,204,927	---
108	January	2017	\$23,974	\$1,798	\$25,772	\$0	\$0	\$0	\$4,230,699	\$25,772
109	February	2017	\$42,882	\$3,216	\$46,098	\$0	\$0	\$0	\$4,276,797	\$71,870
110	March	2017	\$91,249	\$6,844	\$98,093	\$0	\$0	\$0	\$4,374,890	\$169,963
111	April	2017	\$50,000	\$3,750	\$53,750	\$0	\$0	\$0	\$4,428,640	\$223,713
112	May	2017	\$50,000	\$3,750	\$53,750	\$0	\$0	\$0	\$4,482,390	\$277,463
113	June	2017	\$50,000	\$3,750	\$53,750	\$0	\$0	\$0	\$4,536,140	\$331,213
114	July	2017	\$43,144	\$3,236	\$46,380	\$0	\$0	\$0	\$4,582,520	\$377,593
115	August	2017	\$50,000	\$3,750	\$53,750	\$0	\$0	\$0	\$4,636,270	\$431,343
116	September	2017	\$50,000	\$3,750	\$53,750	\$0	\$0	\$0	\$4,690,020	\$485,093
117	October	2017	\$40,000	\$3,000	\$43,000	\$0	\$0	\$0	\$4,733,020	\$528,093
118	November	2017	\$35,000	\$2,625	\$37,625	\$0	\$0	\$0	\$4,770,645	\$565,718
119	December	2017	\$24,000	\$1,800	\$25,800	\$0	\$0	\$0	\$4,796,445	\$591,518
120	January	2018	\$75,000	\$5,625	\$80,625	\$0	\$0	\$0	\$4,877,070	\$672,143
121	February	2018	\$75,000	\$5,625	\$80,625	\$0	\$0	\$0	\$4,957,695	\$752,768
122	March	2018	\$125,000	\$9,375	\$134,375	\$0	\$0	\$0	\$5,092,070	\$887,143
123	April	2018	\$125,000	\$9,375	\$134,375	\$0	\$0	\$0	\$5,226,445	\$1,021,518
124	May	2018	\$200,000	\$15,000	\$215,000	\$0	\$0	\$0	\$5,441,445	\$1,236,518
125	June	2018	\$250,000	\$18,750	\$268,750	\$0	\$0	\$0	\$5,710,195	\$1,505,268
126	July	2018	\$375,000	\$28,125	\$403,125	\$0	\$0	\$0	\$6,113,320	\$1,908,393
127	August	2018	\$375,000	\$28,125	\$403,125	\$0	\$0	\$0	\$6,516,445	\$2,311,518
128	September	2018	\$375,000	\$28,125	\$403,125	\$0	\$0	\$0	\$6,919,570	\$2,714,643
129	October	2018	\$375,000	\$28,125	\$403,125	\$0	\$0	\$0	\$7,322,695	\$3,117,768
130	November	2018	\$300,000	\$22,500	\$322,500	\$0	\$0	\$0	\$7,645,195	\$3,440,268
131	December	2018	\$250,000	\$18,750	\$268,750	\$0	\$0	\$0	\$7,913,945	\$3,709,018
132	13-Month Averages:									\$1,836,037

3d) Project: **West of Devers**

			Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
				= C1 * 16-Pint Add Line 74	= C1 + C2			= (C4 - C5) * 16-Pint Add Line 74	= Prior Month C7 + C3 - C4 - C6	= C7 - Dec Prior Year C7
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
133	December	2016	---	---	---	---	---	---	\$69,685,245	---
134	January	2017	\$427,983	\$32,099	\$460,082	\$0	\$0	\$0	\$70,145,326	\$460,082
135	February	2017	\$747,590	\$56,069	\$803,659	\$0	\$0	\$0	\$70,948,986	\$1,263,741
136	March	2017	\$2,489,501	\$186,713	\$2,676,213	\$0	\$0	\$0	\$73,625,199	\$3,939,954
137	April	2017	\$993,609	\$74,521	\$1,068,130	\$0	\$0	\$0	\$74,693,329	\$5,008,084
138	May	2017	\$1,393,303	\$104,498	\$1,497,801	\$0	\$0	\$0	\$76,191,129	\$6,505,885
139	June	2017	\$1,354,552	\$101,591	\$1,456,143	\$0	\$0	\$0	\$77,647,273	\$7,962,028
140	July	2017	\$3,567,311	\$267,548	\$3,834,859	\$0	\$0	\$0	\$81,482,132	\$11,796,887
141	August	2017	\$4,249,979	\$318,748	\$4,568,727	\$0	\$0	\$0	\$86,050,859	\$16,365,615
142	September	2017	\$5,137,763	\$385,332	\$5,523,095	\$0	\$0	\$0	\$91,573,955	\$21,888,710
143	October	2017	\$5,018,559	\$376,392	\$5,394,951	\$0	\$0	\$0	\$96,968,906	\$27,283,661
144	November	2017	\$4,063,589	\$304,769	\$4,368,358	\$0	\$0	\$0	\$101,337,264	\$31,652,019
145	December	2017	\$8,316,849	\$623,764	\$8,940,613	\$0	\$0	\$0	\$110,277,876	\$40,592,632
146	January	2018	\$8,471,000	\$635,325	\$9,106,325	\$0	\$0	\$0	\$119,384,201	\$49,698,957
147	February	2018	\$8,671,000	\$650,325	\$9,321,325	\$0	\$0	\$0	\$128,705,526	\$59,020,282
148	March	2018	\$20,991,000	\$1,574,325	\$22,565,325	\$0	\$0	\$0	\$151,270,851	\$81,585,607
149	April	2018	\$20,991,000	\$1,574,325	\$22,565,325	\$0	\$0	\$0	\$173,836,176	\$104,150,932
150	May	2018	\$21,071,000	\$1,580,325	\$22,651,325	\$0	\$0	\$0	\$196,487,501	\$126,802,257
151	June	2018	\$21,060,000	\$1,579,500	\$22,639,500	\$0	\$0	\$0	\$219,127,001	\$149,441,757
152	July	2018	\$21,140,000	\$1,585,500	\$22,725,500	\$0	\$0	\$0	\$241,852,501	\$172,167,257
153	August	2018	\$21,193,000	\$1,589,475	\$22,782,475	\$0	\$0	\$0	\$264,634,976	\$194,949,732
154	September	2018	\$23,061,000	\$1,729,575	\$24,790,575	\$0	\$0	\$0	\$289,425,551	\$219,740,307
155	October	2018	\$28,552,000	\$2,141,400	\$30,693,400	\$0	\$0	\$0	\$320,118,951	\$250,433,707
156	November	2018	\$22,224,000	\$1,666,800	\$23,890,800	\$0	\$0	\$0	\$344,009,751	\$274,324,507
157	December	2018	\$22,389,000	\$1,679,175	\$24,068,175	\$0	\$0	\$0	\$368,077,926	\$298,392,682
158	13-Month Averages:									\$155,484,662

3e) Project: **Red Bluff**

Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
159	December	2016	---	---	---	---	---	---	\$0	---
160	January	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
161	February	2017	\$3,269	\$245	\$3,515	\$3,269	\$0	\$245	\$0	\$0
162	March	2017	\$2,029	\$152	\$2,181	\$2,029	\$0	\$152	\$0	\$0
163	April	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
164	May	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
165	June	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
166	July	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
167	August	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
168	September	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
169	October	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
170	November	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
171	December	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
172	January	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
173	February	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
174	March	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
175	April	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
176	May	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
177	June	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
178	July	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
179	August	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
180	September	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
181	October	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
182	November	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
183	December	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
184	13-Month Averages:									\$0

3f) Project: **Whirlwind Substation Expansion**

			Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
				= C1 * 16-Plnt Add Line 74	= C1 + C2			= (C4 - C5) * 16-Plnt Add Line 74	= Prior Month C7 + C3 - C4 - C6	= C7 - Dec Prior Year C7
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
185	December	2016	---	---	---	---	---	---	\$26,943,987	---
186	January	2017	\$654,164	\$49,062	\$703,226	\$0	\$0	\$0	\$27,647,213	\$703,226
187	February	2017	\$879,331	\$65,950	\$945,281	\$0	\$0	\$0	\$28,592,494	\$1,648,507
188	March	2017	\$3,461,579	\$259,618	\$3,721,198	\$0	\$0	\$0	\$32,313,692	\$5,369,705
189	April	2017	\$661,932	\$49,645	\$711,577	\$31,960,130	\$26,336,913	\$421,741	\$643,398	-\$26,300,590
190	May	2017	\$161,932	\$12,145	\$174,077	\$150,000	\$0	\$11,250	\$656,225	-\$26,287,762
191	June	2017	\$161,932	\$12,145	\$174,077	\$814,728	\$607,075	\$15,574	\$0	-\$26,943,987
192	July	2017	\$86,932	\$6,520	\$93,452	\$86,932	\$0	\$6,520	\$0	-\$26,943,987
193	August	2017	\$13,932	\$1,045	\$14,977	\$13,932	\$0	\$1,045	\$0	-\$26,943,987
194	September	2017	\$11,932	\$895	\$12,827	\$11,932	\$0	\$895	\$0	-\$26,943,987
195	October	2017	\$11,932	\$895	\$12,827	\$11,932	\$0	\$895	\$0	-\$26,943,987
196	November	2017	\$11,932	\$895	\$12,827	\$11,932	\$0	\$895	\$0	-\$26,943,987
197	December	2017	\$11,932	\$895	\$12,827	\$11,932	\$0	\$895	\$0	-\$26,943,987
198	January	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
199	February	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
200	March	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
201	April	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
202	May	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
203	June	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
204	July	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
205	August	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
206	September	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
207	October	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
208	November	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
209	December	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$26,943,987
210	13-Month Averages:									-\$26,943,987

3g) Project: **Colorado River Substation Expansion**

Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
211	December	2016	---	---	---	---	---	---	\$0	---
212	January	2017	-\$335,081	-\$25,131	-\$360,213	-\$335,081	\$0	-\$25,131	\$0	\$0
213	February	2017	\$111,070	\$8,330	\$119,400	\$111,070	\$0	\$8,330	\$0	\$0
214	March	2017	\$98,479	\$7,386	\$105,865	\$98,479	\$0	\$7,386	\$0	\$0
215	April	2017	\$15,000	\$1,125	\$16,125	\$15,000	\$0	\$1,125	\$0	\$0
216	May	2017	\$50,000	\$3,750	\$53,750	\$50,000	\$0	\$3,750	\$0	\$0
217	June	2017	\$50,000	\$3,750	\$53,750	\$50,000	\$0	\$3,750	\$0	\$0
218	July	2017	\$33,000	\$2,475	\$35,475	\$33,000	\$0	\$2,475	\$0	\$0
219	August	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
220	September	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
221	October	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
222	November	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
223	December	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
224	January	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
225	February	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
226	March	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
227	April	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
228	May	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
229	June	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
230	July	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
231	August	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
232	September	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
233	October	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
234	November	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
235	December	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
236	13-Month Averages:									\$0

3h) Project:

3h) Project:			Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
				= C1 * 16-Plnt Add Line 74	= C1 + C2			= (C4 - C5) * 16-Plnt Add Line 74	= Prior Month C7 + C3 - C4 - C6	= C7 - Dec Prior Year C7
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
237	December	2016	---	---	---	---	---	---	\$0	---
238	January	2017	\$0	\$0	\$0			\$0	\$0	\$0
239	February	2017	\$0	\$0	\$0			\$0	\$0	\$0
240	March	2017	\$0	\$0	\$0			\$0	\$0	\$0
241	April	2017	\$0	\$0	\$0			\$0	\$0	\$0
242	May	2017	\$0	\$0	\$0			\$0	\$0	\$0
243	June	2017	\$0	\$0	\$0			\$0	\$0	\$0
244	July	2017	\$0	\$0	\$0			\$0	\$0	\$0
245	August	2017	\$0	\$0	\$0			\$0	\$0	\$0
246	September	2017	\$0	\$0	\$0			\$0	\$0	\$0
247	October	2017	\$0	\$0	\$0			\$0	\$0	\$0
248	November	2017	\$0	\$0	\$0			\$0	\$0	\$0
249	December	2017	\$0	\$0	\$0			\$0	\$0	\$0
250	January	2018	\$0	\$0	\$0			\$0	\$0	\$0
251	February	2018	\$0	\$0	\$0			\$0	\$0	\$0
252	March	2018	\$0	\$0	\$0			\$0	\$0	\$0
253	April	2018	\$0	\$0	\$0			\$0	\$0	\$0
254	May	2018	\$0	\$0	\$0			\$0	\$0	\$0
255	June	2018	\$0	\$0	\$0			\$0	\$0	\$0
256	July	2018	\$0	\$0	\$0			\$0	\$0	\$0
257	August	2018	\$0	\$0	\$0			\$0	\$0	\$0
258	September	2018	\$0	\$0	\$0			\$0	\$0	\$0
259	October	2018	\$0	\$0	\$0			\$0	\$0	\$0
260	November	2018	\$0	\$0	\$0			\$0	\$0	\$0
261	December	2018	\$0	\$0	\$0			\$0	\$0	\$0
262	13-Month Averages:									\$0

3i) Project:

Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
263	December	2016	---	---	---	---	---	---	\$0	---
264	January	2017		\$0	\$0			\$0	\$0	\$0
265	February	2017		\$0	\$0			\$0	\$0	\$0
266	March	2017		\$0	\$0			\$0	\$0	\$0
267	April	2017		\$0	\$0			\$0	\$0	\$0
268	May	2017		\$0	\$0			\$0	\$0	\$0
269	June	2017		\$0	\$0			\$0	\$0	\$0
270	July	2017		\$0	\$0			\$0	\$0	\$0
271	August	2017		\$0	\$0			\$0	\$0	\$0
272	September	2017		\$0	\$0			\$0	\$0	\$0
273	October	2017		\$0	\$0			\$0	\$0	\$0
274	November	2017		\$0	\$0			\$0	\$0	\$0
275	December	2017		\$0	\$0			\$0	\$0	\$0
276	January	2018		\$0	\$0			\$0	\$0	\$0
277	February	2018		\$0	\$0			\$0	\$0	\$0
278	March	2018		\$0	\$0			\$0	\$0	\$0
279	April	2018		\$0	\$0			\$0	\$0	\$0
280	May	2018		\$0	\$0			\$0	\$0	\$0
281	June	2018		\$0	\$0			\$0	\$0	\$0
282	July	2018		\$0	\$0			\$0	\$0	\$0
283	August	2018		\$0	\$0			\$0	\$0	\$0
284	September	2018		\$0	\$0			\$0	\$0	\$0
285	October	2018		\$0	\$0			\$0	\$0	\$0
286	November	2018		\$0	\$0			\$0	\$0	\$0
287	December	2018		\$0	\$0			\$0	\$0	\$0
288	13-Month Averages:									\$0

3j) Project: add additional projects below this line (See Instruction 3)

			Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
				= C1 * 16-Plnt Add Line 74	= C1 + C2			= (C4 - C5) * 16-Plnt Add Line 74	= Prior Month C7 + C3 - C4 - C6	= C7 - Dec Prior Year C7
Line	Month	Year	Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
289	December	2016	---	---	---	---	---	---	\$0	---
290	January	2017		\$0	\$0			\$0	\$0	\$0
291	February	2017		\$0	\$0			\$0	\$0	\$0
292	March	2017		\$0	\$0			\$0	\$0	\$0
293	April	2017		\$0	\$0			\$0	\$0	\$0
294	May	2017		\$0	\$0			\$0	\$0	\$0
295	June	2017		\$0	\$0			\$0	\$0	\$0
296	July	2017		\$0	\$0			\$0	\$0	\$0
297	August	2017		\$0	\$0			\$0	\$0	\$0
298	September	2017		\$0	\$0			\$0	\$0	\$0
299	October	2017		\$0	\$0			\$0	\$0	\$0
300	November	2017		\$0	\$0			\$0	\$0	\$0
301	December	2017		\$0	\$0			\$0	\$0	\$0
302	January	2018		\$0	\$0			\$0	\$0	\$0
303	February	2018		\$0	\$0			\$0	\$0	\$0
304	March	2018		\$0	\$0			\$0	\$0	\$0
305	April	2018		\$0	\$0			\$0	\$0	\$0
306	May	2018		\$0	\$0			\$0	\$0	\$0
307	June	2018		\$0	\$0			\$0	\$0	\$0
308	July	2018		\$0	\$0			\$0	\$0	\$0
309	August	2018		\$0	\$0			\$0	\$0	\$0
310	September	2018		\$0	\$0			\$0	\$0	\$0
311	October	2018		\$0	\$0			\$0	\$0	\$0
312	November	2018		\$0	\$0			\$0	\$0	\$0
313	December	2018		\$0	\$0			\$0	\$0	\$0
314	13-Month Averages:									\$0

Notes:

- Forecast Period is the calendar year two years after the Prior Year (i.e., PY+2).
- Sum of project specific values from lines 55-79, 81-105, 107-131, 133-157, 159-183, 185-209, 211-235, 237-261, 263-287, 289-313,...

Instructions:

- Enter recorded amounts of CWIP during Prior Year on Lines 1-13, 15-27 (including December of year previous to Prior Year).
- Enter forecast project specific values on lines 55-79, 81-105, 107-131, 133-157, 159-183, 185-209, 211-235, 237-261, 263-287, 289-313,...
- If Commission approval is granted to include CWIP in Rate Base for additional projects, include additional tables for each of those additional projects.

TRANSMISSION PLANT HELD FOR FUTURE USE

Inputs are shaded yellow

Transmission Plant Held for Future Use shall be amounts of Electric Plant Held for Future Use (account 105) intended to be placed under the Operational Control of the ISO, plus an allocated amount of any General Electric Plant Held for Future Use, with the allocation factor being the Transmission Wages and Salaries AF.

<u>Line</u>		<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
1	Total Electric PHFU	\$16,261,747	\$16,261,841	FF1 page 214.47d

Plant intended to be placed under the Operational Control of the ISO:

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>
	<u>Description</u>	<u>Type of Plant</u>	<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
2a	Alberhill	Sub	\$9,942,155	\$9,942,155	SCE records
2b					
2c					
2d					
2e					
2f					
2g					
2h					
...					
3	Total:		\$9,942,155	\$9,942,155	Sum of above lines

		<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
4	General Plant Held for Future Use	\$0	\$0	FF1 page 214
5	Wages and Salaries AF:	6.165%	6.165%	27-Allocators, L 9
6	Portion for Transmission PHFU:	\$0	\$0	L 4 * L 5

All other Electric Plant Held for Future Use not intended to be placed under the Operational Control of the ISO:

		<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
7		\$6,319,593	\$6,319,686	Note 1

		<u>Beginning of Year Balance</u>	<u>End of Year Balance</u>	<u>Source</u>
8	Transmission PHFU:	\$9,942,155	\$9,942,155	L 3 + L 6
9	Average of BOY and EOY Transmission PHFU:	\$9,942,155		Sum of Line 8 / 2

Calculation of Gain or Loss on Transmission Plant Held for Future Use -- Land

			<u>Source</u>
10	Gain or Loss on Transmission Plant Held for Future Use --- Land	\$0	SCE Records

Instructions:

- 1) For any Electric Plant Held for Future Use intended to be placed under the Operational Control of the ISO, list on lines 2a, 2b, etc. Provide description in Column 1. Note type of plant (land or other) in Column 2. Under "Source" (Column 5), state the line number on FERC Form 1 page 214 from which the amount is derived. BOY amount will be EOY value from previous year FERC Form 1, EOY amount will be in current year FF1.
- 2) For any Electric Plant Held for Future Use classified as General note amount on Line 4.
- 3) Add additional lines 2 i, j, k, etc. as necessary to include additional projects intended to be placed under the Operational Control of the ISO.
- 4) Gains and Losses on Transmission Plant Held for Future Use - Land is treated in accordance with Commission policy. Any gain or loss on non-land portions of Transmission Plant Held for Future Use is not included.

Notes:

- 1) Amount of Line 1 not intended to be placed under the Operational Control of the ISO.

Determination of amount of Abandoned Plant and Abandoned Plant Amortization Expense

Input data is shaded yellow

Initially Abandoned Plant Amortization Expense and Abandoned Plant are both zero.

Upon Commission approval of recovery of abandoned plant costs for a specific project or projects, SCE will complete this worksheet in accordance with that Order.

	<u>Project</u>	<u>Commission Order</u>
Orders Providing for Abandoned Plant Cost Recovery:	CWLTP	159 FERC ¶ 62,038 dated April 10, 2017
	(Coolwater-Lugo Transmission Project)	

Abandoned Plant for each project represents the amount of costs that the Order approves for inclusion in Rate Base.

Abandoned Plant Amortization Expense for each project represents the annual amortization of abandoned costs that the Order approves as an annual expense.

<u>Line</u>		<u>Amount for</u> <u>Prior Year</u>	<u>Note:</u>
1	Abandoned Plant Amortization Expense:	\$37,069,049	Sum of projects below for PY.
2	Abandoned Plant (BOY):	\$37,069,049	Sum of projects below for PY.
3	Abandoned Plant (EOY):	\$0	Sum of projects below for PY.
4	Abandoned Plant (BOY/EOY Average):	\$18,534,525	Average of Lines 2 and 3.
5	HV Abandoned Plant (BOY):	\$37,069,049	Sum of projects below for PY.

6 First Project: CWLTP 2nd Project: Fill in Name

<u>Year</u>	<u>EOY</u> <u>Abandoned</u> <u>Plant</u>	<u>EOY HV</u> <u>Abandoned</u> <u>Plant</u> <u>(Note 1)</u>	<u>Abandoned</u> <u>Plant</u> <u>Amort.</u> <u>Expense</u>	<u>EOY</u> <u>Abandoned</u> <u>Plant</u>	<u>EOY HV</u> <u>Abandoned</u> <u>Plant</u> <u>(Note 1)</u>	<u>Abandoned</u> <u>Plant</u> <u>Amort.</u> <u>Expense</u>
7 2015	37,069,049	37,069,049	0			
8 2016	0	0	37,069,049			
9 2017						
10 2018						
11 2019						
12 2020						
13 2021						
14 2022						
15 2023						
16 2024						
17 2025						
18 ...						

Notes:

1) "EOY HV Abandoned Plant" is amount of "EOY Abandoned Plant" that would have been High Voltage (>= 200 kV).

Instructions:

- 1) Upon Commission approval of recovery of abandoned plant costs for a project:
 - a) Fill in the name the project in order (First Project, Second Project, etc.).
 - b) Fill in the table with annual End of Year ("EOY") Abandoned Plant, EOY HV Abandoned Plant, and Abandoned Plant Amortization Expense amounts in Accordance with the Order. If table can not be filled out completely, fill out at least through the Prior Year at issue.
 - c) Sum project-specific amounts for each project and enter in lines 1, 2, and 3 for the Prior Year at issue. (BOY value is EOY value from previous year)
- 2) Add additional projects if necessary in same format.
- 3) Add additional years past 2025 if necessary.

Calculation of Components of Working Capital

Inputs are shaded yellow

1) Calculation of Materials and Supplies

Materials and Supplies is the amount of total Account 154 Materials and Supplies times the Transmission Wages and Salaries AF

Line	Month	Year	Data Source	Total Materials and Supplies Balances	Notes
1	December	2015	FF1 227.12b	\$251,648,702	Beginning of year ("BOY") amount
2	January	2016	SCE Records	\$263,918,894	
3	February	2016	SCE Records	\$253,005,820	
4	March	2016	SCE Records	\$249,977,460	
5	April	2016	SCE Records	\$249,664,714	
6	May	2016	SCE Records	\$247,107,782	
7	June	2016	SCE Records	\$248,949,526	
8	July	2016	SCE Records	\$248,835,535	
9	August	2016	SCE Records	\$250,822,798	
10	September	2016	SCE Records	\$252,012,870	
11	October	2016	SCE Records	\$251,388,826	
12	November	2016	SCE Records	\$251,492,561	
13	December	2016	FF1 227.12c	\$237,798,844	End of Year ("EOY") amount
14	13-Month Average Value Account 154:			\$250,509,564	(Sum Line 1 to Line 13) / 13 27-Allocators, Line 9
15	Transmission Wages and Salaries AF:			6.165%	
16	Materials and Supplies EOY Value:			\$14,660,302	Line 13 * Line 15
17	13-Month Average Value:			\$15,443,918	Line 14 * Line 15

2) Calculation of Prepayments

Prepayments is an allocated portion of Total Prepayments based on the Transmission Wages and Salaries Allocation Factor.

Line	Month	Year	Data Source	Total Prepayments Balances	Notes
18	December	2015	Note 1, c	\$91,007,488	See Note 1, c
19	January	2016	SCE Records	\$94,125,416	
20	February	2016	SCE Records	\$82,464,132	
21	March	2016	SCE Records	\$73,891,432	
22	April	2016	SCE Records	\$109,166,805	
23	May	2016	SCE Records	\$79,044,870	
24	June	2016	SCE Records	\$52,816,887	
25	July	2016	SCE Records	\$92,736,373	
26	August	2016	SCE Records	\$87,831,660	
27	September	2016	SCE Records	\$68,578,067	
28	October	2016	SCE Records	\$66,851,094	
29	November	2016	SCE Records	\$77,479,882	
30	December	2016	Note 1, f	\$99,369,093	See Note 1, f

a) 13-Month Average Calculation

31	13-Month Average Value:			\$82,720,246.08	(Sum Line 18 to Line 30) / 13 27-Allocators, Line 9
32	Transmission Wages and Salaries AF:			6.1650%	
33	Prepayments:			\$5,099,704	

b) EOY calculation

34	EOY Value:			\$99,369,093	Line 30
35	Transmission Wages and Salaries AF:			6.1650%	27-Allocators, Line 9
36	Prepayments:			\$6,126,106	Line 34 * Line 35

Notes:

1) Remove any amounts related to years prior to 2012 on b and e below.

Beginning of Year Amount

		Prepayments Balances	Source
a	FERC Form 1 Acct. 165 Recorded Amount:	\$91,007,488	FF1 111.57d
b	Prior Period Adjustment:	\$0	Note 1
c	BOY Prepayments Amount: \$	91,007,488	a - b

End of Year Amount

		Prepayments Balances	Source
d	FERC Form 1 Acct. 165 Recorded Amount:	\$114,171,737	FF1 111.57c
e	Prior Period Adjustment:	\$14,802,644	Note 1
f	EOY Prepayments Amount: \$	99,369,093	d - e

Plant Balances For Incentive Projects Receiving either ROE Incentives ("Transmission Incentive Plant") or CWIP ("CWIP Plant")

Input data is shaded yellow

- A) Summary of Incentive Project plant balances receiving ROE incentives ("Transmission Incentive Plant") and/or CWIP ("CWIP Plant") and calculation of balances needed to determine the following:**
- 1) Rate Base in Prior Year
 - 2) Prior Year Incentive Rate Base - End of Year
 - 3) Prior Year Incentive Rate Base - 13-Month Average

Transmission Incentive Project plant balances and CWIP Plant may affect the following:

- a) CWIP Plant during the Prior Year is included in Rate Base (used in Prior Year TRR and True Up TRR).
- b) Forecast Period Incremental CWIP contributes to Incremental Forecast Period TRR
- c) CWIP Plant receiving an ROE adder contributes to Prior Year Incentive Rate Base - EOY, or Prior Year Incentive Rate Base - 13 Month Average as appropriate.
- d) "TIP Net Plant In Service" at EOY Prior Year is used to calculate the PY Incentive Rate Base (on EOY basis).
- e) "TIP Net Plant In Service" in PY is used to calculate the Prior Year Incentive Rate Base (on 13-month average basis).

1) Summary of CWIP Plant in Prior Year and Forecast Period

Line	Incentive Project	Col 1	Col 2	Col 3	Notes:
		Prior Year End-of-Year CWIP Plant Amount	Prior Year 13-Month Average CWIP Plant Amount	Forecast Period Incremental CWIP 13-Month Avg. Amount	
1	1) Tehachapi	\$14,915,548	\$194,883,792	-\$14,915,548	10-CWIP Lines 13, 14, and 80
2	2) Devers-Colorado River	\$0	\$0	\$0	10-CWIP Lines 13, 14, and 106
3	3) South of Kramer	\$4,204,927	\$3,394,860	\$1,836,037	10-CWIP Lines 13, 14, and 132
4	4) West of Devers	\$69,685,245	\$56,339,988	\$155,484,662	10-CWIP Lines 13, 14, and 158
5	5) Red Bluff	\$0	\$709,238	\$0	10-CWIP Lines 13, 14, and 184
6	6) Whirlwind Substation Exp.	\$26,943,987	\$16,606,020	-\$26,943,987	10-CWIP Lines 27, 28, and 210
7	7) Colorado River Sub. Exp.	\$0	\$0	\$0	10-CWIP Lines 27, 28, and 236
8	8) [shaded]	\$0	\$0	\$0	10-CWIP Lines 27, 28, and 262
9	9) [shaded]	\$0	\$0	\$0	10-CWIP Lines 27, 28, and 288
10	...	---	---	---	...
11					
12	Totals:	\$115,749,706	\$271,933,898	\$115,461,165	

2) Summary of Prior Year Incentive Rate Base amounts (EOY Values)

Line	Incentive Project	Col 1	Col 2	Col 3	Notes:
		= C2 + C3 Prior Year Incentive Rate Base	EOY CWIP Portion	EOY TIP Net Plant In Service	
13	1) Rancho Vista	\$154,978,996	\$0	\$154,978,996	Line 37, C4
14	2) Tehachapi	\$2,776,011,901	\$14,915,548	\$2,761,096,354	Line 1, C1, and Line 37, C2
15	3) Devers-Colorado River	\$707,569,233	\$0	\$707,569,233	Line 2, C1, and Line 37, C3
16	...	---	---	---	...
17					
18	Total PY Incentive Net Plant:	\$3,638,560,131			End of Year

3) Summary of Prior Year Incentive Rate Base amounts (13-Month Average values)

Line	Incentive Project	Col 1	Col 2	Col 3	Notes:
		= C2 + C3 Prior Year Incentive Rate Base	13-Month Avg. CWIP Portion	13-Month Avg. TIP Net Plant In Service Portion	
19	1) Rancho Vista	\$157,348,618	\$0	\$157,348,618	Line 38, C4
20	2) Tehachapi	\$2,759,257,909	\$194,883,792	\$2,564,374,117	Line 1, C2, and Line 38, C2
21	3) Devers-Colorado R	\$717,950,118	\$0	\$717,950,118	Line 2, C2, and Line 38, C3
22	...	---	---	---	...
23					
24	Total PY Incentive Net Plant:	\$3,634,556,645			13 Month Average

4) Prior Year TIP Net Plant In Service

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	
	<u>Prior Year Month</u>	<u>Total TIP Net Plant In Service</u>	L 53 to L 65, C3 <u>Tehachapi</u>	L 79 to L 91, C3 <u>Devers to Colorado River</u>	L 66 to L 78, C3 <u>Rancho Vista</u>		<u>Notes</u>
25	December	2015	\$3,384,224,921	\$2,495,479,773	\$729,026,909	\$159,718,239	←December of
26	January	2016	\$3,378,443,942	\$2,491,755,773	\$727,364,867	\$159,323,302	year previous
27	February	2016	\$3,373,276,330	\$2,489,776,745	\$724,571,220	\$158,928,365	to Prior Year
28	March	2016	\$3,376,692,256	\$2,495,232,420	\$722,926,408	\$158,533,428	
29	April	2016	\$3,374,083,891	\$2,494,893,777	\$721,051,623	\$158,138,491	
30	May	2016	\$3,367,918,909	\$2,490,772,744	\$719,402,611	\$157,743,554	
31	June	2016	\$3,363,020,794	\$2,487,916,881	\$717,755,295	\$157,348,618	
32	July	2016	\$3,356,341,299	\$2,483,282,938	\$716,104,680	\$156,953,681	
33	August	2016	\$3,347,662,478	\$2,476,650,075	\$714,453,659	\$156,558,744	
34	September	2016	\$3,583,983,495	\$2,715,017,702	\$712,801,986	\$156,163,807	
35	October	2016	\$3,594,218,907	\$2,727,347,332	\$711,102,705	\$155,768,870	
36	November	2016	\$3,592,235,273	\$2,727,641,003	\$709,220,337	\$155,373,933	
37	December	2016	<u>\$3,623,644,583</u>	<u>\$2,761,096,354</u>	<u>\$707,569,233</u>	<u>\$154,978,996</u>	
38	13 Month Averages:		\$3,439,672,852	\$2,564,374,117	\$717,950,118	\$157,348,618	

5) Total Transmission Activity for Incentive Projects

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Source</u>
	<u>Prior Year Month</u>	<u>Total Transmission Activity for Incentive Projects</u>	<u>Account 360-362 Activity</u>	<u>= C1 - C2</u> <u>Account 350-359</u> <u>Activity for Incentive Projects</u>	
39	December	2015	\$0	\$0	C1: Sum of below projects
40	January	2016	\$2,046,368	\$0	for each month
41	February	2016	\$11,562,821	\$0	
42	March	2016	\$11,199,828	\$0	
43	April	2016	\$5,071,299	\$0	
44	May	2016	\$1,593,454	\$0	
45	June	2016	\$2,856,175	\$0	
46	July	2016	\$1,114,638	\$0	
47	August	2016	-\$841,844	\$0	
48	September	2016	\$244,140,350	\$0	
49	October	2016	\$18,523,001	\$0	
50	November	2016	\$6,351,778	\$0	
51	December	2016	<u>\$39,688,626</u>	<u>\$0</u>	
52	Total		\$343,306,492	\$0	

6) Calculation of Prior Year Net Plant in Service amounts for each Incentive Project

a) Tehachapi

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>
	<u>Prior Year Month</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>= C1 - C2</u> <u>Net Plant In Service</u>	<u>= C1 - Previous Month C1</u> <u>Transmission Activity</u>
53	December	2015	\$2,663,183,372	\$167,703,599	\$2,495,479,773
54	January	2016	\$2,665,129,021	\$173,373,248	\$2,491,755,773
55	February	2016	\$2,668,823,728	\$179,046,983	\$2,489,776,745
56	March	2016	\$2,679,961,025	\$184,728,605	\$2,495,232,420
57	April	2016	\$2,685,306,647	\$190,412,870	\$2,494,893,777
58	May	2016	\$2,686,883,031	\$196,110,287	\$2,490,772,744
59	June	2016	\$2,689,728,286	\$201,811,404	\$2,487,916,881
60	July	2016	\$2,690,801,506	\$207,518,568	\$2,483,282,938
61	August	2016	\$2,689,878,089	\$213,228,014	\$2,476,650,075
62	September	2016	\$2,933,960,339	\$218,942,637	\$2,715,017,702
63	October	2016	\$2,952,458,626	\$225,111,294	\$2,727,347,332
64	November	2016	\$2,958,963,118	\$231,322,115	\$2,727,641,003
65	December	2016	<u>\$2,998,641,930</u>	<u>\$237,545,576</u>	<u>\$2,761,096,354</u>

b) Rancho Vista

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1	
<u>Prior Year Month</u>	<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>	
66	December	2015	\$191,508,708	\$31,790,469	\$159,718,239	\$0
67	January	2016	\$191,508,708	\$32,185,406	\$159,323,302	\$0
68	February	2016	\$191,508,708	\$32,580,343	\$158,928,365	\$0
69	March	2016	\$191,508,708	\$32,975,280	\$158,533,428	\$0
70	April	2016	\$191,508,708	\$33,370,217	\$158,138,491	\$0
71	May	2016	\$191,508,708	\$33,765,154	\$157,743,554	\$0
72	June	2016	\$191,508,708	\$34,160,090	\$157,348,618	\$0
73	July	2016	\$191,508,708	\$34,555,027	\$156,953,681	\$0
74	August	2016	\$191,508,708	\$34,949,964	\$156,558,744	\$0
75	September	2016	\$191,508,708	\$35,344,901	\$156,163,807	\$0
76	October	2016	\$191,508,708	\$35,739,838	\$155,768,870	\$0
77	November	2016	\$191,508,708	\$36,134,775	\$155,373,933	\$0
78	December	2016	\$191,508,708	\$36,529,712	\$154,978,996	\$0

c) Devers to Colorado River

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1	
<u>Prior Year Month</u>	<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>	
79	December	2015	\$775,314,541	\$46,287,632	\$729,026,909	\$0
80	January	2016	\$775,308,404	\$47,943,537	\$727,364,867	-\$6,138
81	February	2016	\$774,170,650	\$49,599,429	\$724,571,220	-\$1,137,754
82	March	2016	\$774,178,096	\$51,251,688	\$722,926,408	\$7,447
83	April	2016	\$773,955,586	\$52,903,963	\$721,051,623	-\$222,510
84	May	2016	\$773,958,249	\$54,555,638	\$719,402,611	\$2,663
85	June	2016	\$773,962,614	\$56,207,319	\$717,755,295	\$4,366
86	July	2016	\$773,963,689	\$57,859,010	\$716,104,680	\$1,075
87	August	2016	\$773,964,361	\$59,510,702	\$714,453,659	\$672
88	September	2016	\$773,964,383	\$61,162,397	\$712,801,986	\$22
89	October	2016	\$773,916,797	\$62,814,092	\$711,102,705	-\$47,586
90	November	2016	\$773,686,025	\$64,465,688	\$709,220,337	-\$230,772
91	December	2016	\$773,686,037	\$66,116,803	\$707,569,233	\$12

d) South of Kramer

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1	
<u>Prior Year Month</u>	<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>	
92	December	2015	\$0	\$0	\$0	\$0
93	January	2016	\$0	\$0	\$0	\$0
94	February	2016	\$0	\$0	\$0	\$0
95	March	2016	\$0	\$0	\$0	\$0
96	April	2016	\$0	\$0	\$0	\$0
97	May	2016	\$0	\$0	\$0	\$0
98	June	2016	\$0	\$0	\$0	\$0
99	July	2016	\$0	\$0	\$0	\$0
100	August	2016	\$0	\$0	\$0	\$0
101	September	2016	\$0	\$0	\$0	\$0
102	October	2016	\$0	\$0	\$0	\$0
103	November	2016	\$0	\$0	\$0	\$0
104	December	2016	\$0	\$0	\$0	\$0

e) West of Devers

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
<u>Prior Year Month</u>	<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
105	December	2015	\$0	\$0	\$0
106	January	2016	\$0	\$0	\$0
107	February	2016	\$0	\$0	\$0
108	March	2016	\$0	\$0	\$0
109	April	2016	\$0	\$0	\$0
110	May	2016	\$0	\$0	\$0
111	June	2016	\$0	\$0	\$0
112	July	2016	\$0	\$0	\$0
113	August	2016	\$0	\$0	\$0
114	September	2016	\$0	\$0	\$0
115	October	2016	\$0	\$0	\$0
116	November	2016	\$0	\$0	\$0
117	December	2016	\$0	\$0	\$0

f) Red Bluff

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
<u>Prior Year Month</u>	<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
118	December	2015	\$226,465,462	\$13,667,285	\$212,798,176
119	January	2016	\$226,566,589	\$14,143,896	\$212,422,693
120	February	2016	\$235,569,312	\$14,621,185	\$220,948,126
121	March	2016	\$235,569,038	\$15,117,755	\$220,451,283
122	April	2016	\$235,574,239	\$15,614,324	\$219,959,916
123	May	2016	\$235,577,092	\$16,110,904	\$219,466,188
124	June	2016	\$235,578,588	\$16,607,490	\$218,971,098
125	July	2016	\$235,581,407	\$17,104,080	\$218,477,327
126	August	2016	\$235,581,826	\$17,600,675	\$217,981,151
127	September	2016	\$235,583,328	\$18,097,271	\$217,486,056
128	October	2016	\$235,589,252	\$18,593,871	\$216,995,381
129	November	2016	\$235,591,547	\$19,090,483	\$216,501,063
130	December	2016	\$235,590,583	\$19,587,100	\$216,003,483

g) Whirlwind Substation Expansion

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u> = C1 - C2	<u>Col 4</u> = C1 - Previous Month C1
<u>Prior Year Month</u>	<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
131	December	2015	\$53,634,942	\$1,700,860	\$51,934,082
132	January	2016	\$53,636,121	\$1,811,320	\$51,824,801
133	February	2016	\$53,636,178	\$1,921,783	\$51,714,395
134	March	2016	\$53,636,834	\$2,032,247	\$51,604,588
135	April	2016	\$53,636,930	\$2,142,711	\$51,494,219
136	May	2016	\$53,637,716	\$2,253,176	\$51,384,540
137	June	2016	\$53,629,155	\$2,363,642	\$51,265,513
138	July	2016	\$53,629,155	\$2,474,091	\$51,155,064
139	August	2016	\$53,629,155	\$2,584,540	\$51,044,615
140	September	2016	\$53,630,073	\$2,695,009	\$50,935,064
141	October	2016	\$53,628,337	\$2,805,481	\$50,822,856
142	November	2016	\$53,627,431	\$2,915,949	\$50,711,482
143	December	2016	\$53,627,431	\$3,026,415	\$50,601,016

h) Colorado River Substation Expansion

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	
				= C1 - C2	= C1 - Previous Month C1	
<u>Prior Year Month</u>	<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>	
144	December	2015	\$70,732,251	\$4,231,359	\$66,500,892	\$0
145	January	2016	\$70,736,801	\$4,377,930	\$66,358,871	\$4,550
146	February	2016	\$70,739,890	\$4,524,510	\$66,215,380	\$3,089
147	March	2016	\$70,794,591	\$4,671,097	\$66,123,494	\$54,701
148	April	2016	\$70,737,481	\$4,817,796	\$65,919,686	-\$57,110
149	May	2016	\$70,748,250	\$4,964,377	\$65,783,873	\$10,769
150	June	2016	\$70,761,869	\$5,110,981	\$65,650,888	\$13,619
151	July	2016	\$70,799,392	\$5,257,613	\$65,541,779	\$37,523
152	August	2016	\$70,879,873	\$5,404,322	\$65,475,552	\$80,481
153	September	2016	\$70,935,533	\$5,551,196	\$65,384,337	\$55,660
154	October	2016	\$71,003,644	\$5,698,186	\$65,305,459	\$68,111
155	November	2016	\$71,080,313	\$5,845,315	\$65,234,998	\$76,669
156	December	2016	\$71,091,079	\$5,992,602	\$65,098,477	\$10,766

i)

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>
				= C1 - C2	= C1 - Previous Month C1
<u>Prior Year Month</u>	<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
157	December			\$0	\$0
158	January			\$0	\$0
159	February			\$0	\$0
160	March			\$0	\$0
161	April			\$0	\$0
162	May			\$0	\$0
163	June			\$0	\$0
164	July			\$0	\$0
165	August			\$0	\$0
166	September			\$0	\$0
167	October			\$0	\$0
168	November			\$0	\$0
169	December			\$0	\$0

j)

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>
				= C1 - C2	= C1 - Previous Month C1
<u>Prior Year Month</u>	<u>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>	<u>Transmission Activity</u>
170	December			\$0	\$0
171	January			\$0	\$0
172	February			\$0	\$0
173	March			\$0	\$0
174	April			\$0	\$0
175	May			\$0	\$0
176	June			\$0	\$0
177	July			\$0	\$0
178	August			\$0	\$0
179	September			\$0	\$0
180	October			\$0	\$0
181	November			\$0	\$0
182	December			\$0	\$0

6) Summary of Incentive Projects and incentives granted

A) Rancho Vista Incentives Received:			<u>Cite:</u>
183	CWIP:	Yes	121 FERC ¶ 61,168 at P 57
184	ROE adder:	0.75%	121 FERC ¶ 61,168 at P 129
185	100% Abandoned Plant:	No	-----
B) Tehachapi Incentives Received:			<u>Cite:</u>
186	CWIP:	Yes	121 FERC ¶ 61,168 at P 57
187	ROE adder:	1.25%	121 FERC ¶ 61,168 at P 129
188	100% Abandoned Plant:	Yes	121 FERC ¶ 61,168 at P 71
C) Devers to Colorado River Incentives Received:			<u>Cite:</u>
189	CWIP:	Yes	121 FERC ¶ 61,168 at P 57
190	ROE adder:	1.00%	121 FERC ¶ 61,168 at 129; modified by ER10-160 Settlement, see
191			P2 and P3
192	100% Abandoned Plant:	Yes	121 FERC ¶ 61,168 at P 71
D) Devers to Palo Verde 2 Incentives Received:			<u>Cite:</u>
193	CWIP:	No	121 FERC ¶ 61,168 at P 57; modified by ER10-160 Settlement, see
194			P2 and P3
195	ROE adder:	0.00%	121 FERC ¶ 61,168 at P 129; modified by ER10-160 Settlement, see
196			P 3 and P 7
197	100% Abandoned Plant:	Yes	121 FERC ¶ 61,168 at P 71
E) South of Kramer Incentives Received:			<u>Cite:</u>
198	CWIP:	Yes	134 FERC ¶ 61,181 at P 79
199	ROE adder:	0.00%	---
200	100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79
F) West of Devers Incentives Received:			<u>Cite:</u>
201	CWIP:	Yes	134 FERC ¶ 61,181 at P 79
202	ROE adder:	0.00%	---
203	100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79
G) Red Bluff Incentives Received:			<u>Cite:</u>
204	CWIP:	Yes	133 FERC ¶ 61,107 at P 76
205	ROE adder:	0.00%	133 FERC ¶ 61,107 at P 102
206	100% Abandoned Plant:	Yes	133 FERC ¶ 61,107 at P 88
H) Whirlwind Substation Expansion Incentives Received:			<u>Cite:</u>
207	CWIP:	Yes	134 FERC ¶ 61,181 at P 79
208	ROE adder:	0.00%	---
209	100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79
I) Colorado River Substation Expansion Incentives Received:			<u>Cite:</u>
210	CWIP:	Yes	134 FERC ¶ 61,181 at P 79
211	ROE adder:	0.00%	---
212	100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79
J) Future Incentive Projects			<u>Cite:</u>
213	CWIP:	-	
214	ROE adder:	- %	
215	100% Abandoned Plant:	-	
K) Future Incentive Projects			<u>Cite:</u>
216	CWIP:	-	
217	ROE adder:	- %	
218	100% Abandoned Plant:	-	
L) Future Incentive Projects			<u>Cite:</u>
219	CWIP:		
220	ROE adder:		
221	100% Abandoned Plant:		

Instructions:

1) Upon Commission approval of any incentives for additional projects, add additional projects and provide cite to the Commission decision.

Determination of Incentive Adders Components of the TRR

Input data is shaded yellow

Two Incentive Adders are calculated:

- a) The Prior Year Incentive Adder is a component of the Prior Year TRR.
- b) The True Up Incentive Adder is a component of the True Up TRR.

1) Calculation of Incremental Return on Equity Factor

The Incremental Return on Equity Factor is the incremental Prior Year TRR expressed per 100 basis points of ROE incentive, for each million dollars of Incentive Net Plant. It is calculated according to the following formula:

$$IREF = CSCP * 0.01 * (1/(1 - CTR)) * \$1,000,000$$

<u>Line</u>	where:	<u>Value</u>	<u>Source</u>
1	CSCP = Common Stock Capital Percentage	50.5931%	1-BaseTRR, L 47
2	CTR = Composite Tax Rate	40.7460%	1-BaseTRR, L 59
3	IREF =	\$8,538	Above formula

2) Determination of multiplicative factors for use in calculating Incentive Adders:

Multiplicative factors are used to calculate the Incentive Adders on an Transmission Incentive Project specific basis. Multiplicative factor for each project is the ratio of its ROE adder to 1%.

<u>Line</u>		<u>ROE Adder</u>	<u>Multiplicative Factor</u>	<u>Source</u>
4	1) Rancho Vista	0.75%	0.75	14-IncentivePlant, L 184
5	2) Tehachapi	1.25%	1.25	14-IncentivePlant, L 187
6	3) Devers to Col. River	1.00%	1.00	14-IncentivePlant, L 190
7				
8	...			

3) Calculation of Prior Year Incentive Adder (EOY)

- 1) Determine Prior Year Incentive Adder for each Incentive Project by multiplying the IREF, the Multiplicative Factor, and the million \$ of Prior Year Incentive Rate Base.
- 2) Sum project-specific Incentive Adders to yield the total Prior Year Incentive Adder.

<u>Line</u>		<u>Prior Year Incentive Rate Base</u>	<u>Multiplicative Factor</u>	<u>Prior Year Incentive Adder</u>	<u>Source</u>
9	1) Rancho Vista	\$154,978,996	0.75	\$992,448	14-IncentivePlant, L 13, Col. 1
10	2) Tehachapi	\$2,776,011,901	1.25	\$29,628,186	14-IncentivePlant, L 14, Col. 1
11	3) Devers to Col. River	\$707,569,233	1.00	\$6,041,471	14-IncentivePlant, L 15, Col. 1
12					
13	...				
14			Prior Year Incentive Adder =	\$36,662,105	Sum of above PY Incentive Adders for each individual project

4) Calculation of True-Up Incentive Adder

- 1) Determine True Up Incentive Adder for each Incentive Project by multiplying the IREF, the Multiplicative Factor, and the million \$ of True Up Incentive Net Plant.
- 2) Sum project-specific Incentive Adders to yield the total True Up Incentive Adder.

<u>Line</u>		<u>True-Up Incentive Net Plant</u>	<u>Multiplicative Factor</u>	<u>True-Up Incentive Adder</u>	<u>Source</u>
15	1) Rancho Vista	\$157,348,618	0.75	\$1,007,623	14-IncentivePlant, L 19, Col. 1
16	2) Tehachapi	\$2,759,257,909	1.25	\$29,449,372	14-IncentivePlant, L 20, Col. 1
17	3) Devers to Col. River	\$717,950,118	1.00	\$6,130,106	14-IncentivePlant, L 21, Col. 1
18					
19	...				
20			True-Up Incentive Adder =	\$36,587,101	Sum of above PY Incentive Adders for each individual project

5) Calculation of Total ROE for Plant-In Service in the True Up TRR

a) Transmission Incentive Plant Net Plant In Service

<u>Line</u>	<u>Incentive Project</u>	<u>13-Month Avg. TIP Net Plant</u>	
		<u>In Service</u>	<u>Source</u>
21	1) Rancho Vista	\$157,348,618	14-IncentivePlant, L 19, Col. 3
22	2) Tehachapi	\$2,564,374,117	14-IncentivePlant, L 20, Col. 3
23	3) Devers to Col. River	\$717,950,118	14-IncentivePlant, L 21, Col. 3
24			
	...		

b) Calculation of ROE Adders on TIP Net Plant In Service

<u>Line</u>	<u>Incentive Project</u>	<u>Col 1</u>	<u>Col 2</u>	<u>Source</u>
		<u>True Up Incentive Adder</u>	<u>After-Tax True Up Incentive Adder</u>	
25	1) Rancho Vista	\$1,007,623	\$597,057	See Note 1
26	2) Tehachapi	\$27,369,390	\$16,217,459	See Note 1
27	3) Devers to Col. River	\$6,130,106	\$3,632,333	See Note 1
28				See Note 1
29	...			
30		Total:	\$20,446,848	

c) Equity Portion of Plant In Service Rate Base

<u>Line</u>		<u>Amount</u>	<u>Source</u>
31	Total Rate Base:	\$5,543,506,370	4-TUTRR, Line 18
32	CWIP Portion of Rate Base:	<u>\$271,933,898</u>	4-TUTRR, Line 14
33	Plant In Service Rate Base:	\$5,271,572,471	Line 31 - Line 32
34	Equity percentage:	50.5931%	1-BaseTRR, Line 47
35	Equity Portion of Plant In Service Rate Base:	\$2,667,052,599	Line 33 * Line 34

d) Total ROE for Plant In Service in the True Up TRR

<u>Line</u>			
36	Plant In Service ROE Adder Percentage:	0.77%	Line 30 / Line 35
37	Base ROE (Including 50 basis point		
38	CAISO Participation Adder):	<u>10.80%</u>	1-BaseTRR, Line 50
39	Total ROE for Plant In Service in True Up TRR:	11.57%	Line 36 + Line 38

Instructions:

1) If additional projects receive ROE adders, add to end of lists, and include in calculation of each Incentive Adder.

Notes:

1) Column 1: The True Up Incentive Adder for each Incentive Project equals the IREF on Line 3, times the applicable Multiplicative Factor on Lines 15 to 18, times the million \$ of TIP Net Plant In Service on Lines 21 to 24.

Column 2: The After Tax True Up Incentive Adder is derived by multiplying the amounts in Column 1 by (1 - CTR) (Where the CTR is on Line 2).

Forecast Plant Additions for In-Service ISO Transmission Plant

Yellow shaded cells are Input Data

Forecast Plant Additions represents the total increase in ISO Transmission Net Plant, not including CWIP, during the Rate Year, incremental to the year-end Prior Year amount. It is calculated on a 13-Month Average Basis during the Rate Year.

1) Total Plant Additions Forecast (See Note 1)

Line	Forecast Period Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
			See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2
			Unloaded	Prior Period	Over Heads	Cost of	Eligible Plant	AFUDC	Incremental	Depreciation	Incremental	Net Plant	Low Voltage	Loaded
			Total	CWIP Closed	Closed to PIS	Removal	Additions	AFUDC	Gross Plant	Accrual	Reserve		Additions	Low Voltage
1	January	2017	\$15,497,613	\$1,042,927	\$1,084,101	\$1,230,413	\$14,149,752	\$424,493	\$15,775,793	\$0	-\$1,230,413	\$17,006,207	\$42,318	\$43,020
2	February	2017	\$33,122,978	\$16,379,141	\$1,255,788	\$1,323,866	\$15,224,462	\$456,734	\$49,287,427	\$35,942	-\$2,518,338	\$51,805,764	\$84,636	\$86,041
3	March	2017	\$15,769,978	\$134,081	\$1,172,692	\$1,230,413	\$14,149,752	\$424,493	\$65,424,176	\$112,291	-\$3,636,460	\$69,060,637	\$126,954	\$129,061
4	April	2017	\$65,874,663	\$43,619,049	\$1,669,171	\$1,380,342	\$15,873,932	\$476,218	\$132,063,887	\$149,055	-\$4,867,747	\$136,931,634	\$169,272	\$172,082
5	May	2017	\$15,378,120	\$134,081	\$1,143,303	\$1,230,413	\$14,149,752	\$424,493	\$147,779,389	\$300,879	-\$5,797,281	\$153,576,670	\$211,590	\$215,102
6	June	2017	\$55,757,840	\$30,553,074	\$1,890,357	\$1,435,692	\$16,510,461	\$495,314	\$204,487,208	\$336,684	-\$6,896,290	\$211,383,498	\$253,908	\$258,122
7	July	2017	\$16,596,483	\$134,081	\$1,234,680	\$1,230,413	\$14,149,752	\$424,493	\$221,512,451	\$465,880	-\$7,660,823	\$229,173,274	\$296,225	\$301,143
8	August	2017	\$15,925,483	\$134,081	\$1,184,355	\$1,230,413	\$14,149,752	\$424,493	\$237,816,369	\$504,668	-\$8,386,568	\$246,202,936	\$338,543	\$344,163
9	September	2017	\$16,239,686	\$134,081	\$1,207,920	\$1,230,413	\$14,149,752	\$424,493	\$254,458,054	\$541,813	-\$9,075,167	\$263,533,222	\$380,861	\$387,184
10	October	2017	\$15,613,483	\$134,081	\$1,160,955	\$1,230,413	\$14,149,752	\$424,493	\$270,426,572	\$579,728	-\$9,725,853	\$280,152,425	\$423,179	\$430,204
11	November	2017	\$54,219,053	\$14,896,039	\$2,949,226	\$3,308,388	\$38,046,464	\$1,141,394	\$325,427,857	\$616,109	-\$12,418,132	\$337,845,989	\$465,497	\$473,224
12	December	2017	\$152,043,883	\$52,539,996	\$7,462,792	\$8,152,015	\$93,748,172	\$2,812,445	\$479,594,961	\$741,417	-\$19,828,730	\$499,423,691	\$507,815	\$516,245
13	January	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$499,561,203	\$1,092,654	-\$20,421,702	\$519,982,905	\$507,815	\$516,245
14	February	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$519,527,445	\$1,138,143	-\$20,969,185	\$540,496,630	\$507,815	\$516,245
15	March	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$539,493,687	\$1,183,632	-\$21,471,180	\$560,964,867	\$507,815	\$516,245
16	April	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$559,459,929	\$1,229,120	-\$21,927,686	\$581,387,615	\$507,815	\$516,245
17	May	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$579,426,171	\$1,274,609	-\$22,338,703	\$601,764,874	\$507,815	\$516,245
18	June	2018	\$71,448,148	\$17,086,759	\$4,077,104	\$4,675,079	\$53,763,413	\$1,612,902	\$651,889,246	\$1,320,098	-\$25,693,684	\$677,582,930	\$507,815	\$516,245
19	July	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$671,855,488	\$1,485,189	-\$25,894,121	\$697,749,609	\$507,815	\$516,245
20	August	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$691,821,730	\$1,530,678	-\$26,049,069	\$717,870,799	\$507,815	\$516,245
21	September	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$711,787,972	\$1,576,167	-\$26,158,528	\$737,946,500	\$507,815	\$516,245
22	October	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$731,754,214	\$1,621,656	-\$26,222,499	\$757,976,713	\$507,815	\$516,245
23	November	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$751,720,456	\$1,667,145	-\$26,240,980	\$777,961,436	\$507,815	\$516,245
24	December	2018	\$103,959,612	\$5,717,664	\$7,368,146	\$8,448,808	\$97,161,286	\$2,914,839	\$857,514,245	\$1,712,633	-\$32,977,154	\$890,491,399	\$507,815	\$516,245
25	13-Month Averages:								\$634,262,057			\$658,584,613		\$516,245

2) Incentive Plant Forecast (See Note 1)

Line	Forecast Period Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
			C4 10-CWIP L30-53	C5 10-CWIP L30-53	C6 10-CWIP L30-53	N/A	N/A	N/A	= Prior Month C7 +C1+C3	= Prior Month C7 * L91/12	= Prior Month C9 - C4 + C8	=C7-C9	Unloaded Low Voltage Additions	Loaded Low Voltage Additions
			Unloaded	Prior Period	Over Heads	Cost of	Eligible Plant	AFUDC	Incremental	Depreciation	Reserve	Net Plant		
			Total	CWIP Closed	Closed to PIS	Removal	Additions	AFUDC	Gross Plant	Accrual			Additions	Low Voltage
26	January	2017	\$1,056,402	\$908,847	\$11,067	\$0	\$0	\$0	\$1,067,469	\$0	\$0	\$1,067,469	\$0	\$0
27	February	2017	\$1,350,043	\$0	\$101,253	\$0	\$0	\$0	\$2,518,765	\$2,432	\$2,432	\$2,516,333	\$0	\$0
28	March	2017	\$1,328,768	\$0	\$99,658	\$0	\$0	\$0	\$3,947,190	\$5,738	\$8,170	\$3,939,020	\$0	\$0
29	April	2017	\$32,542,040	\$26,336,913	\$465,385	\$0	\$0	\$0	\$36,954,614	\$8,993	\$17,163	\$36,937,451	\$0	\$0
30	May	2017	\$936,909	\$0	\$70,268	\$0	\$0	\$0	\$37,961,792	\$84,193	\$101,356	\$37,860,435	\$0	\$0
31	June	2017	\$23,124,446	\$14,613,775	\$638,300	\$0	\$0	\$0	\$61,724,538	\$86,488	\$187,844	\$61,536,694	\$0	\$0
32	July	2017	\$2,155,272	\$0	\$161,645	\$0	\$0	\$0	\$64,041,456	\$140,626	\$328,470	\$63,712,985	\$0	\$0
33	August	2017	\$1,484,272	\$0	\$111,320	\$0	\$0	\$0	\$65,637,048	\$145,905	\$474,375	\$65,162,673	\$0	\$0
34	September	2017	\$1,798,476	\$0	\$134,886	\$0	\$0	\$0	\$67,570,410	\$149,540	\$623,915	\$66,946,495	\$0	\$0
35	October	2017	\$1,172,272	\$0	\$87,920	\$0	\$0	\$0	\$68,830,602	\$153,945	\$777,860	\$68,052,743	\$0	\$0
36	November	2017	\$853,384	\$0	\$64,004	\$0	\$0	\$0	\$69,747,991	\$156,816	\$934,675	\$68,813,315	\$0	\$0
37	December	2017	\$4,713,015	\$0	\$353,476	\$0	\$0	\$0	\$74,814,482	\$158,906	\$1,093,581	\$73,720,901	\$0	\$0
38	January	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$1,264,030	\$73,550,452	\$0	\$0
39	February	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$1,434,478	\$73,380,004	\$0	\$0
40	March	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$1,604,927	\$73,209,555	\$0	\$0
41	April	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$1,775,376	\$73,039,106	\$0	\$0
42	May	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$1,945,825	\$72,868,657	\$0	\$0
43	June	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$2,116,273	\$72,698,209	\$0	\$0
44	July	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$2,286,722	\$72,527,760	\$0	\$0
45	August	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$2,457,171	\$72,357,311	\$0	\$0
46	September	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$2,627,619	\$72,186,863	\$0	\$0
47	October	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$2,798,068	\$72,016,414	\$0	\$0
48	November	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$2,968,517	\$71,845,965	\$0	\$0
49	December	2018	\$0	\$0	\$0	\$0	\$0	\$0	\$74,814,482	\$170,449	\$3,138,965	\$71,675,517	\$0	\$0

3) Non-Incentive Plant Forecast (See Note 1)

Line	Forecast Period Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
			Unloaded Total Plant Adds	Prior Period CWIP Closed	=(C1-C2)*L74	=(C1-C2+C3)*L75	=(C1-C2+C3-C4) AFUDC	=C5*L76	= Prior Month C2 +C2+C5+C6	= Prior Month C7 * L91/12	= Prior Month C9 - C4 + C8	=C7-C9	Unloaded Low Voltage Additions	Loaded Low Voltage Additions
50	January	2017	\$14,441,211	\$134,081	\$1,073,035	\$1,230,413	\$14,149,752	\$424,493	\$14,708,325	\$0	-\$1,230,413	\$15,938,738	\$42,318	\$43,020
51	February	2017	\$31,772,935	\$16,379,141	\$1,154,535	\$1,323,866	\$15,224,462	\$456,734	\$46,768,661	\$33,510	-\$2,520,770	\$49,289,431	\$84,636	\$86,041
52	March	2017	\$14,441,211	\$134,081	\$1,073,035	\$1,230,413	\$14,149,752	\$424,493	\$61,476,986	\$106,552	-\$3,644,631	\$65,121,617	\$126,954	\$129,061
53	April	2017	\$33,332,624	\$17,282,137	\$1,203,787	\$1,380,342	\$15,873,932	\$476,218	\$95,109,272	\$140,062	-\$4,884,910	\$99,994,183	\$169,272	\$172,082
54	May	2017	\$14,441,211	\$134,081	\$1,073,035	\$1,230,413	\$14,149,752	\$424,493	\$109,817,597	\$216,686	-\$5,898,638	\$115,716,235	\$211,590	\$215,102
55	June	2017	\$32,633,395	\$15,939,299	\$1,252,057	\$1,435,692	\$16,510,461	\$495,314	\$142,762,671	\$250,196	-\$7,084,134	\$149,846,805	\$253,908	\$258,122
56	July	2017	\$14,441,211	\$134,081	\$1,073,035	\$1,230,413	\$14,149,752	\$424,493	\$157,470,995	\$325,254	-\$7,989,293	\$165,460,288	\$296,225	\$301,143
57	August	2017	\$14,441,211	\$134,081	\$1,073,035	\$1,230,413	\$14,149,752	\$424,493	\$172,179,320	\$358,764	-\$8,860,943	\$181,040,263	\$338,543	\$344,163
58	September	2017	\$14,441,211	\$134,081	\$1,073,035	\$1,230,413	\$14,149,752	\$424,493	\$186,887,645	\$392,274	-\$9,699,082	\$196,586,727	\$380,861	\$387,184
59	October	2017	\$14,441,211	\$134,081	\$1,073,035	\$1,230,413	\$14,149,752	\$424,493	\$201,595,970	\$425,783	-\$10,503,712	\$212,099,682	\$423,179	\$430,204
60	November	2017	\$53,365,669	\$14,896,039	\$2,885,222	\$3,308,388	\$38,046,464	\$1,141,394	\$255,679,866	\$459,293	-\$13,352,807	\$269,032,673	\$465,497	\$473,224
61	December	2017	\$147,330,867	\$52,539,996	\$7,109,315	\$8,152,015	\$93,748,172	\$2,812,445	\$404,780,479	\$582,512	-\$20,922,311	\$425,702,790	\$507,815	\$516,245
62	January	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$424,746,721	\$922,205	-\$21,685,731	\$446,432,453	\$507,815	\$516,245
63	February	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$444,712,963	\$967,694	-\$22,403,664	\$467,116,627	\$507,815	\$516,245
64	March	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$464,679,205	\$1,013,183	-\$23,076,107	\$487,755,312	\$507,815	\$516,245
65	April	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$484,645,447	\$1,058,672	-\$23,703,062	\$508,348,509	\$507,815	\$516,245
66	May	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$504,611,689	\$1,104,160	-\$24,284,527	\$528,896,217	\$507,815	\$516,245
67	June	2018	\$71,448,148	\$17,086,759	\$4,675,079	\$5,763,413	\$67,763,413	\$1,612,902	\$577,074,764	\$1,149,649	-\$27,809,958	\$604,884,721	\$507,815	\$516,245
68	July	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$597,041,006	\$1,314,741	-\$28,180,843	\$625,221,849	\$507,815	\$516,245
69	August	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$617,007,248	\$1,360,229	-\$28,506,240	\$645,513,488	\$507,815	\$516,245
70	September	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$636,973,490	\$1,405,718	-\$28,786,148	\$665,759,637	\$507,815	\$516,245
71	October	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$656,939,732	\$1,451,207	-\$29,020,567	\$685,960,299	\$507,815	\$516,245
72	November	2018	\$19,600,304	\$0	\$1,470,023	\$1,685,626	\$19,384,701	\$581,541	\$676,905,974	\$1,496,696	-\$29,209,497	\$706,115,471	\$507,815	\$516,245
73	December	2018	\$103,959,612	\$5,717,664	\$7,368,146	\$8,448,808	\$97,161,286	\$2,914,839	\$782,699,763	\$1,542,185	-\$36,116,120	\$818,815,883	\$507,815	\$516,245

4) ISO Corporate Overhead Loader

Line	Description	Rate
74	ISO Corp OH Rate	7.50%

5) ISO Cost of Removal Percent

Line	Description	Rate
75	Cost of Removal Rate	8.00%

6) AFUDC Loader Rate

Line	Description	Rate
76	ISO AFUDC Rate	3.00%

7) Calculation of ISO Depreciation Rate

December Prior Year plant balances and accrual rates are as shown on Schedule 17 Depreciation

Col 1	Col 2	Col 3	Col 4	Col 5
December Prior Year	Accrual Rate	Annual Accrual	C2*C3	Accrual Rate Reference
77 350.1	\$86,845,703	0.00%	\$0	18 Dep Rates L1
78 350.2	\$165,326,927	1.67%	\$2,760,960	18 Dep Rates L2
79 352	\$531,582,611	2.41%	\$12,811,141	18 Dep Rates L3
80 353	\$3,249,175,449	2.84%	\$92,276,583	18 Dep Rates L4
81 354	\$2,233,991,232	2.73%	\$60,987,961	18 Dep Rates L5
82 355	\$324,258,228	2.84%	\$9,208,934	18 Dep Rates L6
83 356	\$1,235,903,790	3.24%	\$40,043,283	18 Dep Rates L7
84 357	\$185,508,197	1.73%	\$3,209,292	18 Dep Rates L8
85 358	\$81,951,072	2.41%	\$1,975,021	18 Dep Rates L9
86 359	\$182,027,087	1.65%	\$3,003,447	18 Dep Rates L10
87				
88	Sum of Depreciation Expense	\$226,276,620	Sum of C4 Lines 77 to 86	
89	Sum of Dec Prior Year Plant	\$8,276,570,295	Sum of C2 Lines 77 to 86	
90				
91	Composite Depreciation Rate	2.73%	Line 88 / Line 89	

Notes:

- Forecast Period is the calendar year two years after the Prior Year (i.e., PY+2).
- Sum of Incentive Plant Calculations and Non-Incentive Calculations, lines 26-49 and lines 50-73

Depreciation Expense

Input cells are shaded yellow

1) Calculation of Depreciation Expense for Transmission Plant - ISO

Prior Year: 2016

Balances for Transmission Plant - ISO during the Prior Year, including December of previous year: Source: 6-PlantInService, Lines 1-13.

Line	Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Total
FERC Account:												
1	Dec 2015	\$77,976,655	\$163,072,480	\$470,458,376	\$3,030,177,247	\$2,164,622,763	\$310,678,566	\$1,239,646,181	\$221,416	\$13,011,928	\$187,087,541	\$7,656,953,152
2	Jan 2016	\$77,366,106	\$163,089,425	\$477,787,637	\$3,038,238,129	\$2,149,854,075	\$312,467,579	\$1,241,589,579	\$221,419	\$13,016,282	\$187,350,498	\$7,660,980,730
3	Feb 2016	\$77,365,696	\$163,086,102	\$470,257,229	\$3,058,743,183	\$2,152,015,903	\$313,580,382	\$1,242,505,439	\$221,419	\$13,016,547	\$187,651,223	\$7,678,443,123
4	Mar 2016	\$87,298,557	\$163,152,630	\$476,439,568	\$3,076,643,567	\$2,150,669,453	\$315,593,553	\$1,245,422,772	\$221,419	\$13,020,184	\$190,200,199	\$7,718,661,901
5	Apr 2016	\$87,309,335	\$163,197,609	\$491,408,710	\$3,089,452,188	\$2,155,881,434	\$316,787,447	\$1,245,937,741	\$221,425	\$14,735,210	\$190,592,880	\$7,755,523,977
6	May 2016	\$87,317,065	\$163,204,896	\$491,870,167	\$3,090,721,159	\$2,149,317,764	\$317,533,976	\$1,246,282,243	\$221,425	\$15,083,340	\$191,019,613	\$7,752,571,648
7	Jun 2016	\$86,794,533	\$162,983,298	\$496,064,461	\$3,120,246,532	\$2,210,512,877	\$318,450,055	\$1,247,245,617	\$221,434	\$15,146,687	\$192,180,089	\$7,849,845,584
8	Jul 2016	\$86,801,874	\$162,990,137	\$501,268,132	\$3,170,862,943	\$2,212,689,387	\$319,127,828	\$1,247,320,275	\$221,435	\$15,149,825	\$192,445,155	\$7,908,876,992
9	Aug 2016	\$86,799,926	\$163,006,399	\$501,046,195	\$3,171,072,527	\$2,228,283,811	\$319,715,189	\$1,241,488,154	\$221,437	\$15,146,092	\$178,450,654	\$7,905,230,384
10	Sep 2016	\$86,814,704	\$165,199,257	\$502,725,446	\$3,174,643,082	\$2,227,591,400	\$320,439,816	\$1,245,055,136	\$178,517,523	\$77,483,575	\$178,430,166	\$8,156,900,104
11	Oct 2016	\$86,813,903	\$165,297,497	\$517,665,602	\$3,188,871,202	\$2,231,665,227	\$321,310,132	\$1,251,456,010	\$180,892,151	\$80,351,534	\$179,079,774	\$8,203,403,034
12	Nov 2016	\$86,821,377	\$165,325,104	\$520,661,331	\$3,201,337,814	\$2,220,025,052	\$322,121,103	\$1,251,410,453	\$184,358,841	\$81,550,530	\$179,287,045	\$8,212,898,650
13	Dec 2016	\$86,845,703	\$165,326,927	\$531,582,611	\$3,249,175,449	\$2,233,991,232	\$324,258,228	\$1,235,903,790	\$185,508,197	\$81,951,072	\$182,027,087	\$8,276,570,295
14												
15	Depreciation Rates (Percent per year) See "18-DepRates" and Instruction 1.											

Line	Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359
17a	Dec 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17b	Jan 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17c	Feb 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17d	Mar 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17e	Apr 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17f	May 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17g	Jun 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17h	Jul 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17i	Aug 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17j	Sep 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17k	Oct 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17l	Nov 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17m	Dec 2016	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%

19 Monthly Depreciation Expense for Transmission Plant - ISO by FERC Account: See Note 1 and Instruction 1

Line	Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Month Total
24	Jan 2016	\$0	\$225,584	\$1,007,565	\$6,237,115	\$4,401,400	\$950,159	\$3,150,767	\$304	\$41,963	\$243,214	\$16,258,071
25	Feb 2016	\$0	\$225,607	\$1,023,262	\$6,253,707	\$4,371,370	\$955,630	\$3,155,707	\$304	\$41,978	\$243,556	\$16,271,120
26	Mar 2016	\$0	\$225,602	\$1,007,134	\$6,295,913	\$4,375,766	\$959,033	\$3,158,035	\$304	\$41,978	\$243,947	\$16,307,713
27	Apr 2016	\$0	\$225,694	\$1,020,375	\$6,332,758	\$4,373,028	\$965,190	\$3,165,450	\$304	\$41,990	\$247,260	\$16,372,050
28	May 2016	\$0	\$225,757	\$1,052,434	\$6,359,122	\$4,383,626	\$968,842	\$3,166,758	\$304	\$47,521	\$247,771	\$16,452,135
29	Jun 2016	\$0	\$225,767	\$1,053,422	\$6,361,734	\$4,370,279	\$971,125	\$3,167,634	\$304	\$48,644	\$248,325	\$16,447,235
30	Jul 2016	\$0	\$225,460	\$1,062,405	\$6,422,507	\$4,494,710	\$973,926	\$3,170,083	\$304	\$48,848	\$249,834	\$16,648,078
31	Aug 2016	\$0	\$225,470	\$1,073,549	\$6,526,693	\$4,499,135	\$975,999	\$3,170,272	\$304	\$48,858	\$250,179	\$16,770,460
32	Sep 2016	\$0	\$225,492	\$1,073,074	\$6,527,124	\$4,530,844	\$977,796	\$3,155,449	\$304	\$48,846	\$231,986	\$16,770,915
33	Oct 2016	\$0	\$228,526	\$1,076,670	\$6,534,474	\$4,529,436	\$980,012	\$3,164,515	\$245,462	\$249,885	\$231,959	\$17,240,938
34	Nov 2016	\$0	\$228,662	\$1,108,667	\$6,563,760	\$4,537,719	\$982,673	\$3,180,784	\$248,727	\$259,134	\$232,804	\$17,342,930
35	Dec 2016	\$0	\$228,700	\$1,115,083	\$6,589,420	\$4,514,051	\$985,154	\$3,180,668	\$253,493	\$263,000	\$233,073	\$17,362,643
36	Totals:	\$0	\$2,716,320	\$12,673,640	\$77,004,328	\$53,381,363	\$11,645,539	\$37,986,122	\$750,422	\$1,182,645	\$2,903,907	\$200,244,286
37	Total Annual Depreciation Expense for Transmission Plant - ISO: (equals sum of monthly amounts)											
38												

39 2) Calculation of Depreciation Expense for Distribution Plant - ISO

40						
41		<u>360</u>	<u>361</u>	<u>362</u>		<u>Source</u>
42	Distribution Plant - ISO BOY	\$0	\$0	\$0		6-PlantInService Line 15.
43	Distribution Plant - ISO EOY	\$0	\$0	\$0		6-PlantInService Line 16.
44	Average BOY/EOY :	\$0	\$0	\$0		
45						
46	Depreciation Rates (Percent per year) See "18-DepRates".					
47		<u>360</u>	<u>361</u>	<u>362</u>		
48		1.67%	2.39%	2.01%		
49						
50	Depreciation Expense for Distribution Plant - ISO					See Note 2 and Instruction 2
51						
52		<u>360</u>	<u>361</u>	<u>362</u>	<u>Total</u>	
53		\$0	\$0	\$0	\$0	Total is sum of Depreciation Expense for accounts
54						360, 361, and 362
55						

56 3) Calculation of Depreciation Expense for General Plant and Intangible Plant

57						
58	Total General Plant Depreciation Expense			234,519,750		FF1 336.10f
59	Total Intangible Plant Depreciation Expense			254,773,828		FF1 336.1f
60	Sum of Total General and Total Intangible Depreciation Expense			\$489,293,578		Line 58 + Line 59
61	Transmission Wages and Salaries Allocation Factor			6.1650%		27-Allocators, Line 9
62	General and Intangible Depreciation Expense			\$30,164,956		Line 60 * Line 61
63						

64 4) Depreciation Expense

65						
66	Depreciation Expense is the sum of:		<u>Amount</u>	<u>Source</u>		
67	1) Depreciation Expense for Transmission Plant - ISO		\$200,244,286.19	Line 37, Col 12		
68	2) Depreciation Expense for Distribution Plant - ISO		\$0	Line 53		
69	3) General and Intangible Depreciation Expense		<u>\$30,164,956</u>	Line 62		
70	Depreciation Expense:		\$230,409,241.71	Line 67 + Line 68 + Line 69		

Notes:

- 1) Depreciation Expense for each account for each month is equal to the previous month balance of Transmission Plant - ISO for that same account, times the Monthly Depreciation Rate for that account. Monthly rate = annual rates on Line 17a etc. divided by 12.
- 2) Depreciation Expense for each account is equal to the Average BOY/EOY value on Line 44 times the Depreciation Rate on Line 48.

Instructions:

- 1) Depreciation rates on Lines 17a-17m input from Schedule 18. However, in the event of a change in depreciation rates approved by the Commission, use Commission-approved depreciation rates that were in effect during the Prior Year.
- 2) In the event that depreciation rates stated on Schedule 18 to be applied to Distribution Plant - ISO are revised mid-year, calculate Depreciation Expense for for Distribution Plant - ISO on Line 53 utilizing the weighted-average (by time) of the annual depreciation rates in effect in the Prior Year.

Depreciation Rates

1) Transmission Plant - ISO			Plant	Removal	
FERC			Less	Cost	Total
<u>Line</u>	<u>Account</u>	<u>Description</u>	<u>Salvage</u>	<u>Cost</u>	<u>Total</u>
1	350.1	Fee Land	0.00%	0.00%	0.00%
2	350.2	Easements	1.67%	0.00%	1.67%
3	352	Structures and Improvements	1.79%	0.62%	2.41%
4	353	Station Equipment	2.39%	0.45%	2.84%
5	354	Towers and Fixtures	1.20%	1.53%	2.73%
6	355	Poles and Fixtures	1.06%	1.78%	2.84%
7	356	Overhead Conductors and Devices	0.78%	2.46%	3.24%
8	357	Underground Conduit	1.73%	0.00%	1.73%
9	358	Underground Conductors and Devices	1.62%	0.79%	2.41%
10	359	Roads and Trails	1.65%	0.00%	1.65%
11					
2) Distribution Plant - ISO			Plant	Removal	
FERC			Less	Cost	Total
<u>Line</u>	<u>Account</u>	<u>Description</u>	<u>Salvage</u>	<u>Cost</u>	<u>Total</u>
12	360	Land and Land Rights	1.67%	0.00%	1.67%
13	361	Structures and Improvements	1.75%	0.64%	2.39%
14	362	Station Equipment	1.32%	0.69%	2.01%
3) General Plant			Plant	Removal	
FERC			Less	Cost	Total
<u>Line</u>	<u>Account</u>	<u>Description</u>	<u>Salvage</u>	<u>Cost</u>	<u>Total</u>
15	389	Land and Land Rights	1.67%	0.00%	1.67%
16	390	Structures and Improvements	1.81%	0.27%	2.08%
17	391.1	Office Furniture	5.00%	0.00%	5.00%
18	391.5	Office Equipment	20.00%	0.00%	20.00%
19	391.6	Duplicating Equipment	20.00%	0.00%	20.00%
20	391.2	Personal Computers	20.00%	0.00%	20.00%
21	391.3	Mainframe Computers	20.00%	0.00%	20.00%
22	391.7	PC Software	20.00%	0.00%	20.00%
23	391.4	DDSMS - CPU & Processing	14.29%	0.00%	14.29%
24	391.4	DDSMS - Controllers, Receivers, Comm.	10.00%	0.00%	10.00%
25	391.4	DDSMS - Telemetering & System	6.67%	0.00%	6.67%
26	391.4	DDSMS - Miscellaneous	5.00%	0.00%	5.00%
27	391.4	DDSMS - Map Board	4.00%	0.00%	4.00%
28	393	Stores Equipment	5.00%	0.00%	5.00%
29	395	Laboratory Equipment	6.67%	0.00%	6.67%
30	398	Misc Power Plant Equipment	5.00%	0.00%	5.00%
31	397	Data Network Systems	20.00%	0.00%	20.00%
32	397	Telecom System Equipment	14.29%	0.00%	14.29%
33	397	Netcomm Radio Assembly	10.00%	0.00%	10.00%
34	397	Microwave Equip. & Antenna Assembly	6.67%	0.00%	6.67%
35	397	Telecom Power Systems	5.00%	0.00%	5.00%
36	397	Fiber Optic Communication Cables	4.00%	0.00%	4.00%
37	397	Telecom Infrastructure	2.50%	0.00%	2.50%
38	392	Transportation Equip.	14.29%	0.00%	14.29%
39	394.4	Garage & Shop -- Equip.	10.00%	0.00%	10.00%
40	394.5	Tools & Work Equip. -- Shop	10.00%	0.00%	10.00%
41	396	Power Oper Equip	6.67%	0.00%	6.67%
4) Intangible Plant			Plant	Removal	
FERC			Less	Cost	Total
<u>Line</u>	<u>Account</u>	<u>Description</u>	<u>Salvage</u>	<u>Cost</u>	<u>Total</u>
42	302	Hydro Relicensing	2.47%	0.00%	2.47%
43	303	Radio Frequency	2.50%	0.00%	2.50%
44	301	Other Intangibles	5.00%	0.00%	5.00%
45	303	Cap Soft 5yr	20.31%	0.00%	20.31%
46	303	Cap Soft 7yr	14.62%	0.00%	14.62%
47	303	Cap Soft 10yr	12.93%	0.00%	12.93%
48	303	Cap Soft 15yr	8.48%	0.00%	8.48%

Operations and Maintenance Expenses

Cells shaded yellow are input cells

1) Determination of Adjusted Operations and Maintenance Expenses for each account (Note 1)

Line	Account/Work Activity Rev	Col 1	Col 2 = C3 + C4	Col 3	Col 4	Col 5 Note 2	Col 6 = C7 + C8	Col 7	Col 8	Col 9 = C10 + C11	Col 10 = C3 + C7	Col 11 = C4 + C8
		Total	Labor	Non-Labor	Reason	Total	Labor	Non-Labor	Total	Labor	Non-Labor	
	Transmission Accounts											
1	560 - Operations Supervision and Engineering - Allocated	\$9,662,716	\$4,478,898	\$5,183,817			\$0	\$0	\$0	9,662,716	4,478,898	5,183,817
2	560 - Sylmar/Palo Verde	\$211,155	\$0	\$211,155			\$0	\$0	\$0	211,155	-	211,155
3	561 Load Dispatch - Allocated	\$10,284,005	\$8,327,930	\$1,956,075			\$0	\$0	\$0	10,284,005	8,327,930	1,956,075
4	561.400 Scheduling, System Control and Dispatch Services	\$37,337,693	\$0	\$37,337,693	A		-\$37,337,693	\$0	(\$37,337,693)	-	-	-
5	561.500 Reliability Planning and Standards Development	\$4,998,172	\$4,185,120	\$813,052			\$0	\$0	\$0	4,998,172	4,185,120	813,052
6	562 - Station Expenses - Allocated	\$22,535,988	\$18,184,794	\$4,351,194			\$0	\$0	\$0	22,535,988	18,184,794	4,351,194
7	562 - MOGS Station Expense	\$0	\$0	\$0			\$0	\$0	\$0	-	-	-
8	562 - Sylmar/Palo Verde	\$1,003,580	\$84	\$1,003,496			\$0	\$0	\$0	1,003,580	84	1,003,496
9	563 - Overhead Line Expenses - Allocated	\$6,707,716	\$3,569,599	\$3,138,117			\$0	\$0	\$0	6,707,716	3,569,599	3,138,117
10	564 - Underground Line Expenses - Allocated	\$1,182,483	\$968,761	\$213,722			\$0	\$0	\$0	1,182,483	968,761	213,722
11	565 - Transmission of Electricity by Others	\$5,830,496	\$0	\$5,830,496			\$0	\$0	\$0	5,830,496	-	5,830,496
12	565 - Wheeling Costs	\$11,062,097	\$0	\$11,062,097	C		-\$11,062,097	\$0	(\$11,062,097)	-	-	-
13	565 - WAPA Transmission for Remote Service	\$242,798	\$0	\$242,798			\$0	\$0	\$0	242,798	-	242,798
14	566 - Miscellaneous Transmission Expenses - Allocated	\$47,043,938	\$22,105,385	\$24,938,553	F		-\$43,078	\$0	(\$43,078)	47,000,860	22,105,385	24,895,475
15	566 - ISO/RSBA/TSP Balancing Accounts	-\$31,308,784	\$136,682	(\$31,445,466)	D		\$31,308,784	(\$136,682)	\$31,445,466	-	-	-
16	566 - Sylmar/Palo Verde/Other General Functions	\$1,048,641	\$0	\$1,048,641			\$0	\$0	\$0	1,048,641	-	1,048,641
17	567 - Line Rents - Allocated	\$15,840,955	\$5,281	\$15,835,675			\$0	\$0	\$0	15,840,955	5,281	15,835,675
18	567 - Eldorado	\$49,557	\$0	\$49,557			\$0	\$0	\$0	49,557	-	49,557
19	567 - Sylmar/Palo Verde	\$355,202	\$0	\$355,202			\$0	\$0	\$0	355,202	-	355,202
20	568 - Maintenance Supervision and Engineering - Allocated	\$2,115,851	\$1,858,978	\$256,873			\$0	\$0	\$0	2,115,851	1,858,978	256,873
21	568 - Sylmar/Palo Verde	\$212,545	\$0	\$212,545			\$0	\$0	\$0	212,545	-	212,545
22	569 - Maintenance of Structures - Allocated	\$37,576,147	\$70,184	\$37,505,963	E		-\$36,772,403	\$0	(\$36,772,403)	803,744	70,184	733,560
23	569 - Sylmar/Palo Verde	\$183,311	\$0	\$183,311			\$0	\$0	\$0	183,311	-	183,311
24	570 - Maintenance of Station Equipment - Allocated	\$10,701,931	\$5,504,648	\$5,197,283			\$0	\$0	\$0	10,701,931	5,504,648	5,197,283
25	570 - Sylmar/Palo Verde	\$1,489,321	\$38	\$1,489,283			\$0	\$0	\$0	1,489,321	38	1,489,283
26	571 - Maintenance of Overhead Lines - Allocated	\$27,242,929	\$7,762,802	\$19,480,126	F		-\$950,473	(\$6,930)	(\$943,543)	26,292,456	7,755,873	18,536,583
27	571 - Sylmar/Palo Verde	\$181,120	\$0	\$181,120			\$0	\$0	\$0	181,120	-	181,120
28	572 - Maintenance of Underground Lines - Allocated	\$257,494	\$112,517	\$144,977			\$0	\$0	\$0	257,494	112,517	144,977
29	572 - Sylmar/Palo Verde	\$6,519	\$0	\$6,519			\$0	\$0	\$0	6,519	-	6,519
30	573 - Maintenance of Miscellaneous Trans. Plant - Allocated	\$3,685,780	\$1,205,500	\$2,480,280			\$0	\$0	\$0	3,685,780	1,205,500	2,480,280
31	...	---	---	---	---		\$0	---	---			
32	Transmission NOIC (Note 3)	-	-	-			\$9,522,010	\$9,522,010	\$0	\$9,522,010	\$9,522,010	\$0
33	Total Transmission O&M	\$227,741,354	\$78,477,202	\$149,264,152			-\$45,334,951	\$9,378,398	-\$54,713,349	\$182,406,403	\$87,855,599	\$94,550,803
34												

Schedule 19
Operations and Maintenance

Exhibit SCE-4
TO2018 Formula Rate Spreadsheet

Col 1 Account/Work Activity Rev	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11
	= C3 + C4			Note 2	= C7 + C8			= C10 + C11	= C3 + C7	= C4 + C8
	Total Recorded O&M Expenses			Reason	Adjustments			Adjusted Recorded O&M Expenses		
	Total	Labor	Non-Labor		Total	Labor	Non-Labor	Total	Labor	Non-Labor
Distribution Accounts										
35 582 - Station Expenses	33,377,982	\$25,670,085	\$7,707,897		-	\$0	\$0	33,377,982	25,670,085	7,707,897
36 590 - Maintenance Supervision and Engineering	2,112,515	\$1,853,871	\$258,644		-	\$0	\$0	2,112,515	1,853,871	258,644
37 591 - Maintenance of Structures	133,488	\$14,746	\$118,742		-	\$0	\$0	133,488	14,746	118,742
38 592 - Maintenance of Station Equipment	9,319,393	\$5,105,567	\$4,213,827		-	\$0	\$0	9,319,393	5,105,567	4,213,827
39 Accounts with no ISO Distribution Costs	478,484,086	\$195,853,819	\$282,630,267	F	(4,772,028)	(\$354,623)	(\$4,417,405)	473,712,058	195,499,196	278,212,862
40 Distribution NOIC (Note 3)	-	-	-		27,724,752	27,724,752	-	27,724,752	27,724,752	-
41 Total Distribution O&M	523,427,463	228,498,087	294,929,376		22,952,724	27,370,129	(4,417,405)	546,380,187	255,868,216	290,511,971
42										
43 Total Transmission and Distribution O&M	751,168,817	306,975,289	444,193,529		(22,382,227)	36,748,527	(59,130,754)	728,786,590	343,723,816	385,062,775
44										
45 Total Transmission O&M Expenses in FERC Form 1:	\$227,741,355	FF1 321.112b	Must equal Line 33, Column 2.							
46 Total Distribution O&M Expenses in FERC Form 1:	\$523,427,463	FF1322.156b	Must equal Line 41, Column 2.							
47 Total TDBU NOIC	\$37,246,762	20-AandG, Note 2, f								

2) Determination of ISO Operations and Maintenance Expenses for each account (Note 5).

		Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9
			From C9 above	From C10 above	From C11 above	Note 6	= C7 + C8	= C3 * C5	= C4 * C5	
Line	Account/Work Activity Rev	Adjusted Recorded O&M Expenses			Percent	ISO O&M Expenses			Percent ISO	
		Total	Labor	Non-Labor	ISO	Total	Labor	Non-Labor	Reference	
	Transmission Accounts									
48	560 - Operations Supervision and Engineering - Allocated	9,662,716	4,478,898	5,183,817	36.3%	3,507,252	1,625,695	1,881,557	27-Allocators Line 42	
49	560 - Sylmar/Palo Verde	211,155	-	211,155	100.0%	211,155	-	211,155	100%	
50	561 Load Dispatch - Allocated	10,284,005	8,327,930	1,956,075	36.3%	3,732,759	3,022,768	709,992	27-Allocators Line 42	
51	561.400 Scheduling, System Control and Dispatch Services	-	-	-	0.0%	-	-	-	0%	
52	561.500 Reliability Planning and Standards Development	4,998,172	4,185,120	813,052	100.0%	4,998,172	4,185,120	813,052	100%	
53	562 - Station Expenses - Allocated	22,535,988	18,184,794	4,351,194	36.3%	8,179,831	6,600,489	1,579,342	27-Allocators Line 42	
54	562 - MOGS Station Expense	-	-	-	0.0%	-	-	-	0%	
55	562 - Sylmar/Palo Verde	1,003,580	84	1,003,496	100.0%	1,003,580	84	1,003,496	100%	
56	563 - Overhead Line Expenses - Allocated	6,707,716	3,569,599	3,138,117	46.7%	3,134,239	1,667,926	1,466,313	27-Allocators Line 30	
57	564 - Underground Line Expenses - Allocated	1,182,483	968,761	213,722	1.4%	16,622	13,618	3,004	27-Allocators Line 36	
58	565 - Transmission of Electricity by Others	5,830,496	-	5,830,496	100.0%	5,830,496	-	5,830,496	100%	
59	565 - Wheeling Costs	-	-	-	0.0%	-	-	-	0%	
60	565 - WAPA Transmission for Remote Service	242,798	-	242,798	0.0%	-	-	-	0%	
61	566 - Miscellaneous Transmission Expenses - Allocated	47,000,860	22,105,385	24,895,475	36.3%	17,059,785	8,023,536	9,036,248	27-Allocators Line 42	
62	566 - ISO/RSBA/TSP Balancing Accounts	-	-	-	0.0%	-	-	-	0%	
63	566 - Sylmar/Palo Verde/Other General Functions	1,048,641	-	1,048,641	100.0%	1,048,641	-	1,048,641	100%	
64	567 - Line Rents - Allocated	15,840,955	5,281	15,835,675	46.7%	7,401,825	2,467	7,399,358	27-Allocators Line 30	
65	567 - Eldorado	49,557	-	49,557	100.0%	49,557	-	49,557	100%	
66	567 - Sylmar/Palo Verde	355,202	-	355,202	100.0%	355,202	-	355,202	100%	
67	568 - Maintenance Supervision and Engineering - Allocated	2,115,851	1,858,978	256,873	36.3%	767,985	674,749	93,237	27-Allocators Line 42	
68	568 - Sylmar/Palo Verde	212,545	-	212,545	100.0%	212,545	-	212,545	100%	
69	569 - Maintenance of Structures - Allocated	803,744	70,184	733,560	36.3%	291,733	25,475	266,258	27-Allocators Line 42	
70	569 - Sylmar/Palo Verde	183,311	-	183,311	100.0%	183,311	-	183,311	100%	
71	570 - Maintenance of Station Equipment - Allocated	10,701,931	5,504,648	5,197,283	36.3%	3,884,453	1,998,009	1,886,445	27-Allocators Line 42	
72	570 - Sylmar/Palo Verde	1,489,321	38	1,489,283	100.0%	1,489,321	38	1,489,283	100%	
73	571 - Maintenance of Overhead Lines - Allocated	26,292,456	7,755,873	18,536,583	46.7%	12,285,380	3,623,999	8,661,381	27-Allocators Line 30	
74	571 - Sylmar/Palo Verde	181,120	-	181,120	100.0%	181,120	-	181,120	100%	
75	572 - Maintenance of Underground Lines - Allocated	257,494	112,517	144,977	1.4%	3,620	1,582	2,038	27-Allocators Line 36	
76	572 - Sylmar/Palo Verde	6,519	-	6,519	100.0%	6,519	-	6,519	100%	
77	573 - Maintenance of Miscellaneous Trans. Plant - Allocated	3,685,780	1,205,500	2,480,280	36.3%	1,337,818	437,557	900,261	27-Allocators Line 42	
78	---	---	---	---	---	---	---	---	---	
79	Transmission NOIC (Note 4)	9,522,010	9,522,010	-	-	3,878,052	3,878,052	-	-	
80	Total Transmission - ISO O&M	182,406,403	87,855,599	94,550,803		81,050,973	35,781,164	45,269,809		
81										

Col 1 Account/Work Activity Rev	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9
	From C9 above	From C10 above	From C11 above	Note 6	= C7 + C8	= C3 * C5	= C4 * C5	
	Adjusted Recorded O&M Expenses			Percent	ISO O&M Expenses			Percent ISO
	Total	Labor	Non-Labor	ISO	Total	Labor	Non-Labor	Reference
Distribution Accounts								
82 582 - Station Expenses	33,377,982	25,670,085	7,707,897	0.0%	-	-	-	27-Allocators Line 48
83 590 - Maintenance Supervision and Engineering	2,112,515	1,853,871	258,644	0.0%	-	-	-	27-Allocators Line 48
84 591 - Maintenance of Structures	133,488	14,746	118,742	0.0%	-	-	-	27-Allocators Line 48
85 592 - Maintenance of Station Equipment	9,319,393	5,105,567	4,213,827	0.0%	-	-	-	27-Allocators Line 48
86 Accounts with no ISO Distribution Costs	473,712,058	195,499,196	278,212,862	0.00%	-	-	-	0%
87 Distribution NOIC (Note 4)	27,724,752	27,724,752	-	0.00%	-	-	-	0%
88 Total Distribution - ISO O&M	546,380,187	255,868,216	290,511,971		-	-	-	
89								
90								
91 Total ISO O&M Expenses (in Column 6)	728,786,590	343,723,816	385,062,775		81,050,973	35,781,164	45,269,809	
92 Line 80 + Line 88								

Notes:

- 1) "Adjusted Operations and Maintenance Expenses for each account" are the total amounts of O&M costs booked to each Transmission or Distribution account, less adjustments as noted.
- 2) Reasons for excluded amounts:
 - A: Exclude entire amount, all attributable to CAISO costs recovered in Energy Resource Recovery Account.
 - B: Exclude amount related to MOGS Station Expense.
 - C: Exclude amount attributable to CAISO costs recovered in Energy Resource Recovery Account.
 - D: Exclude amount recovered through to Reliability Services Balancing Account, the Transmission Access Charge Balancing Account Adjustment, and the American Reinvestment Recovery Act for the Tehachapi Wind Energy Storage Project.
 - E: Exclude amount of costs transferred to account from A&G Account 920 pursuant to Order 668.
 - F: Excludes shareholder funded costs.

3) Total TDBU NOIC is allocated to Transmission and Distribution in proportion to labor in the respective functions. Transmission NOIC ("Non-Officer Incentive Compensation") equals Total TDBU NOIC times the Transmission NOIC Percentage calculated below. Distribution NOIC equals Total TDBU NOIC times the Distribution NOIC Percentage below.

Total TDBU NOIC is on Line: **47**

	Percentage	Calculation
Transmission NOIC Percentage:	25.5647%	Line 33, Col 3 / Line 43, Col 3
Distribution NOIC Percentage:	74.4353%	Line 41, Col 3 / Line 43, Col 3

- 4) NOIC attributable to ISO Transmission (Column 7) is calculated utilizing a percentage equal to the ratio of total ISO O&M Labor Expenses in column 7 (exclusive of NOIC) to the total labor expenses in column 3 (exclusive of NOIC). That allocator, which is identified below, is then applied to the value in Column 3 to arrive at the NOIC attributable to ISO Transmission in Column 7. Resulting Percentage is: 40.73%
- 5) "ISO Operations and Maintenance Expenses" is the amount of costs in each Transmission or Distribution account related to ISO Transmission Facilities.
- 6) See Column 9 for references to source of each Percent ISO.
- 7) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 19.

Calculation of Administrative and General Expense

Inputs are shaded yellow

Line	Acct.	Description	Col 1	Col 2	Col 3	Col 4	Notes
			FERC Form 1 Amount	Data Source	See Note 1 Total Amount Excluded	A&G Expense	
1	920	A&G Salaries	\$370,948,767	FF1 323.181b	\$55,730,842	\$315,217,925	
2	921	Office Supplies and Expenses	\$213,803,210	FF1 323.182b	\$409,079	\$213,394,131	
3	922	A&G Expenses Transferred	-\$119,273,668	FF1 323.183b	-\$29,401,382	-\$89,872,286	Credit
4	923	Outside Services Employed	\$60,667,969	FF1 323.184b	\$7,725,398	\$52,942,571	
5	924	Property Insurance	\$14,124,920	FF1 323.185b	\$0	\$14,124,920	
6	925	Injuries and Damages	\$90,935,394	FF1 323.186b	\$0	\$90,935,394	
7	926	Employee Pensions and Benefits	\$169,577,000	FF1 323.187b	-\$23,052,226	\$192,629,226	
8	927	Franchise Requirements	\$104,853,533	FF1 323.188b	\$104,853,533	\$0	
9	928	Regulatory Commission Expenses	\$39,330,186	FF1 323.189b	\$40,447,590	-\$1,117,404	
10	929	Duplicate Charges	\$0	FF1 323.190b	\$0	\$0	
11	930.1	General Advertising Expense	\$4,740,534	FF1 323.191b	\$0	\$4,740,534	
12	930.2	Miscellaneous General Expense	\$18,871,749	FF1 323.192b	\$22,065,926	-\$3,194,177	
13	931	Rents	\$17,771,530	FF1 323.193b	\$0	\$17,771,530	
14	935	Maintenance of General Plant	\$13,400,370	FF1 323.196b	\$718,532	\$12,681,838	
15			\$999,751,494		Total A&G Expenses:	\$820,254,201	

		Amount	Source
16	Remaining A&G after exclusions & NOIC Adjustment:	\$820,254,201	Line 15
17	Less Account 924:	\$14,124,920	Line 5
18	Amount to apply the Transmission W&S AF:	\$806,129,281	Line 16 - Line 17
19	Transmission Wages and Salaries Allocation Factor:	6.1650%	27-Allocators, Line 9
20	Transmission W&S AF Portion of A&G:	\$49,697,881	Line 18 * Line 19
21	Transmission Plant Allocation Factor:	19.3143%	27-Allocators, Line 22
22	Property Insurance portion of A&G:	\$2,728,124	Line 5 Col 4 * Line 21
23	Administrative and General Expenses:	\$52,426,004	Line 20 + Line 22

Note 1: Itemization of exclusions

Acct.	Total Amount Excluded (Sum of Col 1 to Col 4)	Col 1	Col 2	Col 3	Col 4	Notes
		Shareholder Exclusions or Other Adjustments	Franchise Requirements	NOIC	PBOPs	
24	920	\$55,730,842	-\$29,416,675	\$85,147,517		See Instructions 2b, 3, and Note 2
25	921	\$409,079	\$409,079	\$0		
26	922	-\$29,401,382	-\$7,665,955	-\$21,735,427		
27	923	\$7,725,398	\$7,725,398	\$0		
28	924	\$0	\$0	\$0		
29	925	\$0	\$0	\$0		
30	926	-\$23,052,226	-\$9,115,141	\$0	-\$13,937,085	See Note 3
31	927	\$104,853,533	\$0	\$104,853,533	\$0	See Note 4
32	928	\$40,447,590	\$40,447,590	\$0		
33	929	\$0	\$0	\$0		
34	930.1	\$0	\$0	\$0		
35	930.2	\$22,065,926	\$22,065,926	\$0		
36	931	\$0	\$0	\$0		
37	935	\$718,532	\$718,532	\$0		

Note 2: Non-Officer Incentive Compensation ("NOIC") Adjustment

Adjust NOIC by excluding accrued NOIC Amount and replacing with the actual non-capitalized A&G NOIC payout.

		<u>Amount</u>	<u>Source</u>
a	Accrued NOIC Amount:	\$108,677,133	SCE Records
b	Actual A&G NOIC payout:	\$23,529,616	Note 2, d
c	Adjustment:	\$85,147,517	
Actual non-capitalized NOIC Payouts:			
	<u>Department</u>	<u>Amount</u>	<u>Source</u>
d	A&G	\$23,529,616	SCE Records and Workpapers
e	Other	\$11,215,512	SCE Records and Workpapers
f	Trans. And Dist. Business Unit	\$37,246,762	SCE Records and Workpapers
g	Total:	\$71,991,890	Sum of d to f

Note 3: PBOPs Exclusion Calculation

		<u>Amount</u>	<u>Note:</u>
a	Current Authorized PBOPs Expense Amount:	\$40,171,333	See instruction #4
b	Prior Year Authorized PBOPs Expense Amount:	\$37,714,779	Authorized PBOPs Expense Amount during Prior Year
c	Prior Year FF1 PBOPs expense:	\$23,777,694	SCE Records
d	PBOPs Expense Exclusion:	-\$13,937,085	c - b

Note 4:

Amount in Line 31, column 2 equals amount in Line 8, column 1 because all Franchise Requirements Expenses are excluded Franchise Fees Expenses component of the Prior Year TRR are based on Franchise Fee Factors.

Instructions:

- 1) Enter amounts of A&G expenses from FERC Form 1 in Lines 1 to 14.
- 2) Fill out "Itemization of Exclusions" table for all input cells. NOIC amount in Column 3, Line 24 is calculated in Note 2. The PBOPs exclusion in Column 4, Line 30 is calculated in Note 3.
 - a) Exclude amount of any Shareholder Adjustments, costs incurred on behalf of SCE shareholders, from relevant account in Column 1.
 - b) Include as an adjustment in Column 1 for Account 920 any amount excluded from Accounts 569.100, 569.200, and 569.300 in Schedule 19 (OandM) related to Order 668 costs transferred.
 - c) Exclude entire amount of account 927 "Franchise Requirements" in Column 2, as those costs are recovered through the Franchise Fees Expense item.
 - d) Exclude any amount of Account 930.1 "General Advertising Expense" not related to advertising for safety, siting, or informational purposes in column 1.
 - e) Exclude any amount of expense relating to secondary land use and audit expenses not directly benefitting utility customers.
 - f) Exclude from account 930.2:
 - 1) Nuclear Power Research Expenses.
 - 2) Write Off of Abandoned Project Expenses.
 - 3) Any advertising expenses within the Consultants/Professional Services category.
 - g) Exclude the following costs included in any account 920-935:
 - 1) Any amount of "Provision for Doubtful Accounts" costs.
 - 2) Any amount of "Accounting Suspense" costs.
 - 3) Any penalties or fines.
 - 4) Any amount of costs recovered 100% through California Public Utilities Commission ("CPUC") rates.
- 3) NOIC adjustment in Column 3, Line 24 is made by determining the difference between the total accrued NOIC amount included in the FERC Form 1 recorded cost amounts and the actual A&G NOIC payout (see note 2). NOIC adjustment in column 3, Line 26 is made by entering the amount of accrued NOIC that is capitalized.
- 4) Determine the PBOPs exclusion. The authorized amount of PBOPs expense (line a) may only be revised pursuant to Commission acceptance of an SCE FPA Section 205 filing to revise the authorized PBOPs expense, in accordance with the tariff protocols. Accordingly, any amount different than the authorized PBOPs expense during the Prior Year is excluded from account 926 (see note 3). Docket or Decision approving authorized PBOPs amount: ER16-2433
- 5) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 20.

A		B		C		D	E	F		G	H	I	J	K		L	M	N
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Traditional OOR			GRSM				Other Ratemaking		Notes			
						Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total					
1a	450	4191110	Late Payment Charge- Comm. & Ind.	5,497,690	Traditional OOR	5,497,690	0	5,497,690	0					0	0	0	1	
1b	450	4191115	Residential Late Payment	10,731,849	Traditional OOR	10,731,849	0	10,731,849	0					0	0	0	1	
2	450 Total			16,229,538		16,229,538	0	16,229,538	0					0	0	0		
3	FF-1 Total for Acct 450 - Forfeited Discounts, p300.16b (Must Equal Line 2)			16,229,538														
4a	451	4182110	Recover Unauthorized Use/Non-Energy	141,269	Traditional OOR	141,269	0	141,269	0					0	0	0	1	
4b	451	4182115	Miscellaneous Service Revenue - Ownership Cost	581,923	Traditional OOR	581,923	0	581,923	0					0	0	0	1	
4c	451	4192110	Miscellaneous Service Revenues	124,032,620	Traditional OOR	124,032,620	0	124,032,620	0					0	0	0	1	
4d	451	4192115	Returned Check Charges	1,330,081	Traditional OOR	1,330,081	0	1,330,081	0					0	0	0	1	
4e	451	4192125	Service Reconnection Charges	6,931	Traditional OOR	6,931	0	6,931	0					0	0	0	1	
4f	451	4192130	Service Establishment Charge	(41)	Traditional OOR	(41)	0	(41)	0					0	0	0	1	
4g	451	4192140	Field Collection Charges	34	Traditional OOR	34	0	34	0					0	0	0	1	
4h	451	4192510	Quickcheck Revenue	61	GRSM	0	0	0	61	P	15	46		0	0	0	2	
4i	451	4192910	PUC Reimbursement Fee-Elect	329,733	Other Ratemaking	0	0	0	0					0	0	329,733	6	
4j	451	4182120	Uneconomic Line Extension	2,587	Traditional OOR	2,587	0	2,587	0					0	0	0	1	
4k	451	4192152	Opt Out CARE-Res-Ini	1,770	Other Ratemaking	0	0	0	0					0	0	1,770	1	
4l	451	4192155	Opt Out CARE-Res-Mo	65,755	Other Ratemaking	0	0	0	0					0	0	65,755	1	
4m	451	4192158	Opt Out NonCARE-Res-Ini	50,925	Other Ratemaking	0	0	0	0					0	0	50,925	1	
4n	451	4192160	Opt Out NonCARE-Res-Mo	464,105	Other Ratemaking	0	0	0	0					0	0	464,105	1	
4o	451	4192135	Conn-Charge - Residential	5,808,217	Traditional OOR	5,808,217	0	5,808,217	0					0	0	0	1	
4p	451	4192145	Conn-Charge - Non-Residential	2,197,297	Traditional OOR	2,197,297	0	2,197,297	0					0	0	0	1	
4q	451	4192150	Conn-Charge - At Pole	20,732	Traditional OOR	20,732	0	20,732	0					0	0	0	1	
5	451 Total			135,033,999		134,121,650	0	134,121,650	61		15	46		912,288				
6	FF-1 Total for Acct 451 - Misc. Service Revenues, p300.17b (Must Equal Line 5)			135,033,999														
8	453 Total			0		0	0	0	0		0	0		0	0	0		
9	FF-1 Total for Acct 453 - Sales of Water and Power, p300.18b (Must Equal Line 8)			0														
10a	454	4184110	Joint Pole - Tariffed Conduit Rental	519,853	Traditional OOR	519,853	0	519,853	0					0	0	0	4	
10b	454	4184112	Joint Pole - Tariffed Pole Rental - Cable Cos.	3,323,162	Traditional OOR	3,323,162	0	3,323,162	0					0	0	0	4	
10c	454	4184114	Joint Pole - Tariffed Process & Eng Fees - Cable	599,120	Traditional OOR	599,120	0	599,120	0					0	0	0	4	
10d	454	4184120	Joint Pole - Aud - Unauth Penalty	421,500	Traditional OOR	421,500	0	421,500	0					0	0	0	4	
10e	454	4184510	Joint Pole - Non-Tariffed Pole Rental	134,803	GRSM	0	0	0	134,803	P	28,370	106,432		0	0	0	2	
10f	454	4184512	Joint Pole - Non-Tariff Process & Engineering Fees	43,296	GRSM	0	0	0	43,296	P	17,760	25,536		0	0	0	2	
10g	454	4184514	Joint Pole - Non-Tariff Requests for Information	(640)	GRSM	0	0	0	(640)	P	(465)	(175)		0	0	0	2	
10h	454	4184516	Oil And Gas Royalties	9,990	GRSM	0	0	0	9,990	P	2,634	7,355		0	0	0	2	
10i	454	4184518	Def Operating Land & Facilities Rent Rev	(168,171)	Traditional OOR	(168,171)	0	(168,171)	0					0	0	0	4	
10j	454	4184810	Facility Cost -EIX/Nonutility	268,319	Other Ratemaking	15,882	15,882	0	0					0	0	252,437	6, 12	
10k	454	4184815	Facility Cost- Utility		Traditional OOR	0	0	0	0					0	0	0	7	
10l	454	4184820	Rent Billed to Non-Utility Affiliates	1,478,793	Other Ratemaking	87,530	87,530	0	0					0	0	1,391,263	6, 12	
10m	454	4184825	Rent Billed to Utility Affiliates		Traditional OOR	0	0	0	0					0	0	0	7	
10n	454	4194110	Meter Leasing Revenue		Traditional OOR	0	0	0	0					0	0	0	1	
10o	454	4194115	Company Financed Added Facilities	10,732,510	Traditional OOR	10,732,510	0	10,732,510	0					0	0	0	4	
10p	454	4194120	Company Financed Interconnect Facilities	662,750	Traditional OOR	662,750	0	662,750	0					0	0	0	4	
10q	454	4194130	SCE Financed Added Facility	23,706,989	Traditional OOR	23,706,989	0	23,706,989	0					0	0	0	4	
10r	454	4194135	Interconnect Facility Finance Charge	13,656,799	Traditional OOR	13,656,799	3,842,260	9,814,539	0					0	0	0	8	
10s	454	4204515	Operating Land & Facilities Rent Revenue	20,374,745	GRSM	0	0	0	20,374,745	P	4,250,081	16,124,663		0	0	0	2	
10t	454	4867020	Nonoperating Misc Land & Facilities Rent		Traditional OOR	0	0	0	0					0	0	0	4	
10u	454		Miscellaneous Adjustments		Traditional OOR	0	0	0	0					0	0	0	1	
10v	454	4206515	Op Misc Land/Fac Rev	1,138,222	GRSM	0	0	0	1,138,222	P	603,066	535,156		0	0	0	2	
10w	454	4184122	T-Unauth Pole Rent	(1,040)	Traditional OOR	(1,040)	0	(1,040)	0					0	0	0	4	
10x	454	4184124	T-P&E Fees	54,750	Traditional OOR	54,750	0	54,750	0					0	0	0	4	
10y	454	4184821	Rent Rev NU-NonBRRBA	76,611	Other Ratemaking	4,535	4,535	0	0					0	0	72,076	6, 12	
10z	454	4184811	Fac Cost NU-BRRBA	1,021,349	Other Ratemaking	60,454	60,454	0	0					0	0	960,895	6, 12	
11	454 Total			78,053,707		53,676,621	4,010,660	49,665,961	21,700,415		4,901,447	16,798,968		2,676,671				
12	FF-1 Total for Acct 454 - Rent from Elec. Property, p300.19b (Must Equal Line 11)			78,053,707														

Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Traditional OOR			GRSM			Other Ratemaking	Notes	
						Total	ISO	Non-ISO	Total	A/P	Threshold [10]			Incremental
12a	456	4186114	Energy Related Services	3,492,797	Traditional OOR	3,492,797	0	3,492,797	0		0	0	1	
12b	456	4186118	Distribution Miscellaneous Electric Revenues	731,591	Traditional OOR	731,591	0	731,591	0		0	0	4	
12c	456	4186120	Added Facilities - One Time Charge	219,628	Traditional OOR	219,628	0	219,628	0		0	0	4	
12d	456	4186122	Building Rental - Nev Power/Mohave Cr	0	Traditional OOR	0	0	0	0		0	0	3	
12e	456	4186126	Service Fee - Optimal Bill Prd	480	Traditional OOR	480	0	480	0		0	0	1	
12f	456	4186128	Miscellaneous Revenues	520,007	Traditional OOR	520,007	0	520,007	0		0	0	1	
12g	456	4186130	Tule Power Plant - Revenue	0	Traditional OOR	0	0	0	0		0	0	3	
12h	456	4186142	Microwave Agreement	3,428	Traditional OOR	3,428	0	3,428	0		0	0	4	
12i	456	4186150	Utility Subs Labor Markup	0	Traditional OOR	0	0	0	0		0	0	7	
12j	456	4186155	Non Utility Subs Labor Markup	39,429	Other Ratemaking	2,334	2,334	0	0		0	37,096	6, 12	
12k	456	4186162	Reliant Eng FSA Ann Pymnt-Mandalay	1,206	Traditional OOR	1,206	0	1,206	0		0	0	4	
12l	456	4186164	Reliant Eng FSA Ann Pymnt-Ormond Beach	12,102	Traditional OOR	12,102	0	12,102	0		0	0	4	
12m	456	4186166	Reliant Eng FSA Ann Pymnt-Etwanda	3,657	Traditional OOR	3,657	0	3,657	0		0	0	4	
12n	456	4186168	Reliant Eng FSA Ann Pymnt-Ellwood	828	Traditional OOR	828	0	828	0		0	0	4	
12o	456	4186170	Reliant Eng FSA Ann Pymnt-Coolwater	704	Traditional OOR	704	0	704	0		0	0	4	
12p	456	4186194	Property License Fee revenue	208,656	Traditional OOR	208,656	0	208,656	0		0	0	4	
12q	456	4186512	Revenue From Recreation, Fish & Wildlife	1,683,569	GRSM	0	0	0	1,683,569	P	96,228	1,587,341	0	2
12r	456	4186514	Mapping Services	158,343	GRSM	0	0	0	158,343	P	25,615	132,728	0	2
12s	456	4186518	Enhanced Pump Test Revenue	31,125	GRSM	0	0	0	31,125	P	0	31,125	0	2
12t	456	4186524	Revenue From Scrap Paper - General Office	0	GRSM	0	0	0	0	P	0	0	0	2
12u	456	4186528	CTAC Revenues	2,800	GRSM	0	0	0	2,800	P	2,800	0	0	2
12v	456	4186530	AGTAC Revenues	5,365	GRSM	0	0	0	5,365	P	3,316	2,049	0	2
12w	456	4186716	ADT Vendor Service Revenue	0	GRSM	0	0	0	0	A	0	0	0	2
12xx	456	4186718	Read Water Meters - Irvine Ranch	0	GRSM	0	0	0	0	A	0	0	0	2
12yy	456	4186720	Read Water Meters - Rancho California	0	GRSM	0	0	0	0	A	0	0	0	2
12zz	456	4186722	Read Water Meters - Long Beach	0	GRSM	0	0	0	0	A	0	0	0	2
12aa	456	4186730	SSID Transformer Repair Services Revenue	24,950	GRSM	0	0	0	24,950	A	0	24,950	0	2
12bb	456	4186815	Employee Transfer/Affiliate Fee	296,571	Other Ratemaking	0	0	0	0		0	296,571	6	
12cc	456	4186910	ITCC/CIAC Revenues	11,518,649	Traditional OOR	11,518,649	0	11,518,649	0		0	0	0	4
12dd	456	4186912	Revenue From Decommission Trust Fund	134,519,012	Other Ratemaking	0	0	0	0		0	134,519,012	6	
12ee	456	4186914	Revenue From Decommissioning Trust FAS115	(35,894,910)	Other Ratemaking	0	0	0	0		0	(35,894,910)	6	
12ff	456	4186916	Offset to Revenue from NDT Earnings/Realized	(134,518,430)	Other Ratemaking	0	0	0	0		0	(134,518,430)	6	
12gg	456	4186918	Offset to Revenue from FAS 115 FMV	35,894,910	Other Ratemaking	0	0	0	0		0	35,894,910	6	
12hh	456	4186920	Revenue From Decommissioning Trust FAS115-1	21,363,400	Other Ratemaking	0	0	0	0		0	21,363,400	6	
12ii	456	4186922	Offset to Revenue from FAS 115-1 Gains & Loss	(21,363,400)	Other Ratemaking	0	0	0	0		0	(21,363,400)	6	
12ij	456	4188712	Power Supply Installations - IMS	0	GRSM	0	0	0	0	A	0	0	0	2
12kk	456	4188714	Consulting Fees - IMS	0	GRSM	0	0	0	0	A	0	0	0	2
12ll	456	4196105	DA Revenue	213,222	Traditional OOR	213,222	0	213,222	0		0	0	1	
12mm	456	4196158	EDBL Customer Finance Added Facilities	4,153,401	Traditional OOR	4,153,401	0	4,153,401	0		0	0	4	
12nn	456	4196162	SCE Energy Manager Fee Based Services	154,068	Traditional OOR	154,068	0	154,068	0		0	0	4	
12oo	456	4196166	SCE Energy Manager Fee Based Services Adj	0	Traditional OOR	0	0	0	0		0	0	4	
12pp	456	4196172	Off Grid Photo Voltaic Revenues	0	Traditional OOR	0	0	0	0		0	0	1	
12qq	456	4196174	Scheduling/Dispatch Revenues	0	Traditional OOR	0	0	0	0		0	0	4	
12rr	456	4196176	Interconnect Facilities Charges-Customer Financed	1,872,663	Traditional OOR	1,872,663	25,838	1,846,824	0		0	0	8	
12ss	456	4196178	Interconnect Facilities Charges - SCE Financed	13,178,621	Traditional OOR	13,178,621	0	13,178,621	0		0	0	4	
12tt	456	4196184	DMS Service Fees	2,537	Traditional OOR	2,537	0	2,537	0		0	0	4	
12uu	456	4196188	CCA - Information Fees	673,778	Traditional OOR	673,778	0	673,778	0		0	0	6	
12vv	456	-	Miscellaneous Adjustments	0	Traditional OOR	0	0	0	0		0	0	1	
12ww	456	4186911	Grant Amortization	3,333,000	Other Ratemaking	0	0	0	0		0	3,333,000	6	
12xx	456	4186925	GHG Allowance Revenue	376,175,077	Other Ratemaking	0	0	0	0		0	376,175,077	6	
12yy	456	4186132	Intercon One Time	1,391,189	Traditional OOR	1,391,189	0	1,391,189	0		0	0	4	
12zz	456	4186116	EV Charging Revenue	502	Traditional OOR	502	0	502	0		0	0	4	
12aaa	456	4186115	Energy Reldt Srv-TSP	694,292	Traditional OOR	694,292	0	694,292	0		0	0	4	
12bbb	456	4186156	N/U Labor Mrkp-BRRBA	155,623	Other Ratemaking	9,211	9,211	0	0		0	146,411	6, 12	
12ccc	456	4188720	LCFS CR 411.8	15,016,500	Traditional OOR	15,016,500	0	15,016,500	0		0	0	4	
12ddd	456	4186128	Miscellaneous Revenues - ISO	18,000,000	Traditional OOR	18,000,000	18,000,000	0	0		0	0	5	
13	456 Total			453,970,935		72,076,047	18,037,384	54,038,664	1,906,151		127,958	1,778,193	379,988,737	
14	FF-1 Total for Acct 456 - Other electric Revenues, p300.21b (Must Equal Line 13)			453,970,935										

Line	FERC ACCT	B ACCT	C ACCT DESCRIPTION	D DOLLARS	E Category	F Traditional OOR			G GRSM			L Incremental	M Other Ratemaking Total	N Notes
						Total	ISO	Non-ISO	Total	A/P	Threshold [10]			
15a	456.1	4188112	Trans of Elec of Others - Pasadena		Traditional OOR	0	0	0	0			0	0	5
15b	456.1	4188114	FTS PPU/Non-ISO	296,028	Traditional OOR	296,028	0	296,028	0			0	0	4
15c	456.1	4188116	FTS Non-PPU/Non-ISO	992,563	Traditional OOR	992,563	0	992,563	0			0	0	4
15d	456.1	4188812	ISO-Wheeling Revenue - Low Voltage	3,430,468	Other Ratemaking	0	0	0	0			0	3,430,468	6
15e	456.1	4188814	ISO-Wheeling Revenue - High Voltage	51,529,376	Other Ratemaking	0	0	0	0			0	51,529,376	6
15f	456.1	4188816	ISO-Congestion Revenue	15,738,131	Other Ratemaking	0	0	0	0			0	15,738,131	6
15g	456.1	4198110	Transmission of Elec of Others	46,734,870	Traditional OOR	46,734,870	46,734,870	0	0			0	0	5
15h	456.1	4198112	WDAT	5,539,948	Traditional OOR	5,539,948	0	5,539,948	0			0	0	4
15i	456.1	4198114	Radial Line Rev-Base Cost - Reliant Coolwater	394,622	Traditional OOR	394,622	0	394,622	0			0	0	4
15j	456.1	4198116	Radial Line Rev-Base Cost - Reliant Ormond Beach	1,080,948	Traditional OOR	1,080,948	0	1,080,948	0			0	0	4
15k	456.1	4198118	Radial Line Rev-O&M - AES Huntington Beach	402,148	Traditional OOR	402,148	0	402,148	0			0	0	4
15l	456.1	4198120	Radial Line Rev-O&M - Reliant Mandalay	209,706	Traditional OOR	209,706	0	209,706	0			0	0	4
15m	456.1	4198122	Radial Line Rev-O&M - Reliant Coolwater	551,002	Traditional OOR	551,002	0	551,002	0			0	0	4
15n	456.1	4198124	Radial Line Rev-O&M - Ormond Beach	651,331	Traditional OOR	651,331	0	651,331	0			0	0	4
15o	456.1	4198126	High Desert Tie-Line Rental Rev	264,133	Traditional OOR	264,133	0	264,133	0			0	0	4
15p	456.1	4198130	Inland Empire CRT Tie-Line EX	42,492	Traditional OOR	42,492	0	42,492	0			0	0	4
15q	456.1	4198910	Reliability Service Revenue - Non-PTO's	146,964	Other Ratemaking	0	0	0	0			0	146,964	6
15r	456.1	4198132	Radial Line Agreement-Base-Mojave Solr	90,533	Traditional OOR	90,533	0	90,533	0			0	0	4
15s	456.1	4198134	Radial Line Agreement-O&M-Mojave Solr	229,854	Traditional OOR	229,854	0	229,854	0			0	0	4
15t	456.1	4188716	ISO Non-Refundable Interconnection Deposit	2,295,276	Other Ratemaking	0	0	0	0			0	2,295,276	6
16	456.1 Total			130,620,392		57,480,178	46,734,870	10,745,308	0	0	0	0	73,140,214	
17	FF-1 Total for Account 456.1 - Revenues from Trans. Of Electricity of Others, p300.22b (Must Equal Line 16)			130,620,392										
18a														
19	457.1 Total			0		0	0	0	0	0	0	0	0	
20	FF-1 Total for Account 457.1 - Regional Control Service Revenues, p300.23b (Must Equal Line 19)			0										
21a														
22	457.2 Total			0		0	0	0	0	0	0	0	0	
23	FF-1 Total for Account 457.2- Miscellaneous Revenues, p300.24b (Must Equal Line 22)			0										
Edison Carrier Solutions (ECS)														
24a	417	4863130	ECS - Distribution Facilities	574,600	GRSM	0	0	0	574,600	P	144,854	429,745	0	2
24b	417	4862110	ECS - Dark Fiber	6,212,981	GRSM	0	0	0	6,212,981	A	1,279,826	4,933,155	0	2
24c	417	4862115	ECS - SCE Net Fiber	3,296,985	GRSM	0	0	0	3,296,985	A	680,429	2,616,556	0	2
24d	417	4862120	ECS - Transmission Right of Way	283,552	GRSM	0	0	0	283,552	A	57,963	225,589	0	2
24e	417	4862135	ECS - Wholesale FCC	22,638,372	GRSM	0	0	0	22,638,372	A	4,775,918	17,862,453	0	2
24f	417	4864115	ECS - EU FCC Rev	745,271	GRSM	0	0	0	745,271	A	71,150	674,122	0	2
24g	417	4862125	ECS - Cell Site Rent and Use (Active)	12,189,272	GRSM	0	0	0	12,189,272	A	1,853,751	10,335,521	0	2
24h	417	4862130	ECS - Cell Site Reimbursable (Active)	6,089,441	GRSM	0	0	0	6,089,441	A	1,577,178	4,512,264	0	2
24i	417	4863120	ECS - Communication Sites	347,613	GRSM	0	0	0	347,613	P	71,332	276,282	0	2
24j	417	4863110	ECS - Cell Site Rent and Use (Passive)	3,391,715	GRSM	0	0	0	3,391,715	P	643,245	2,748,471	0	2
24k	417	4863115	ECS - Cell Site Reimbursable (Passive)	415,112	GRSM	0	0	0	415,112	P	28,024	387,088	0	2
24l	417	4863125	ECS - Micro Cell	1,794,379	GRSM	0	0	0	1,794,379	P	456,813	1,337,566	0	2
24m	417	4864120	ECS - End User Universal Service Fund Fee	100,891	GRSM	0	0	0	100,891	A	1,488	99,403	0	2
24n	417	4864116	ECS - Intrastate End User Revenue	78,015	GRSM	0	0	0	78,015	A	0	78,015	0	2
24o	417	4864121	ECS - Intrastate End User Fees	669	GRSM	0	0	0	669	A	0	669	0	2
25	417 ECS Total			58,158,870		0	0	0	58,158,870		11,641,969	46,516,900	0	
26	417 Other			7,775,931										
27	FF-1 Total for Account 417 - Revenues From Nonutility Operations p117.33c (Must Equal Line 25 + 26)			65,934,801										

Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Traditional OOR			GRSM			Other Ratemaking	Notes	
						Total	ISO	Non-ISO	Total	A/P	Threshold [10]			Incremental
Subsidiaries														
28a	418.1		ESI (Gross Revenues - Active)		GRSM	0	0	0	0	A		0	0	2.9
28b	418.1		ESI (Gross Revenues - Passive)		GRSM	0	0	0	0	P		0	0	2.9
28c	418.1		Southern States Realty	14,200	GRSM	0	0	0	14,200	P		14,200	0	2.15
28d	418.1		Mono Power Company	9,165	Traditional OOR	9,165	0	9,165	0			0	0	13
28e	418.1		Edison Material Supply (EMS)	958,989	Traditional OOR	958,989	56,763	902,227	0			0	0	7.17
29	418.1 Subsidiaries Total			982,354		968,154	56,763	911,392	14,200		0	14,200	0	
30	418.1 Other (See Note 16)			(958,989)										
31	FF-1 Total for Account 418.1 -Equity in Earnings of Subsidiary Companies, p1117.36c (Must Equal Line 29 + 30)			23,365										
32	Totals			873,049,796		334,552,188	68,839,676	265,712,512	81,779,697		16,671,389	65,108,308	456,717,910	

Line	Description	Amount	Calculation
33	Ratepayers' Share of Threshold Revenue	16,671,389	= Line 32K
34	ISO Ratepayers' Share of Threshold Revenue	5,425,127	Note 11
35			
36	Total Active Incremental Revenue	41,362,698	= Sum Active categories in column L
37	Ratepayers' Share of Active Incremental Revenue	4,136,270	= Line 36D * 10%
38	Total Passive Incremental Revenue	23,745,609	= Sum Passive categories in column L
39	Ratepayers' Share of Passive Incremental Revenue	7,123,683	= Line 38D * 30%
40	Total Ratepayers' Share of Incremental Revenue	11,259,953	= Line 37D + Line 39D
41	ISO Ratepayers' Share of Incremental Revenue (%)	32.54%	see Note 11
42	ISO Ratepayers' Share of Incremental Revenue	3,664,162	= Line 40D * Line 41D
43	Tot. ISO Ratepayers' Share NTP&S Gross Rev.	9,089,289	= Line 34D + Line 42D

44	Total Revenue Credits:	\$77,928,965	Sum of Column D, Line 43 and Column G, Line 32
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Notes:

- CPUC Jurisdictional service related.
- Subject to sharing per the Gross Revenue Sharing Mechanism (GRSM), adopted in CPUC D.99-09-070. On an annual basis, once SCE obtains \$16,671,389.55 (Threshold Revenue) in NTP&S Revenues, any additional revenues (Incremental Gross Revenues) that SCE receives are shared between shareholders and ratepayers. For GRSM categories deemed Active, the Incremental Gross Revenues are shared 90/10 between shareholders and ratepayers. For those categories deemed Passive, the Incremental Gross Revenues are shared 70/30 between shareholders and ratepayers.
- Generation related.
- Non-ISO facilities related.
- ISO transmission system related.
- Subject to balancing account treatment
- Allocated based on CPUC GRC allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year.
ISO Allocator = 0.05919 Source: CPUC D. 15-11-021
- ISO portion of Traditional OOR relates to monthly revenues received from customers for facilities that are part of the ISO network.
- Edison ESI is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for ESI are reported on Acct 418.1, pg 225.5e.
- The first \$16,671,389 million in gross revenues generated by GRSM activities are automatically classified as Threshold Revenue.
- Allocator is equal to the jurisdictional split of the Threshold Revenue, which is jurisdictionalized as \$5.425M to FERC ratepayers and \$11.246M to CPUC ratepayers per the 2009 CPUC General Rate Case (D. 09-03-025). The ISO ratepayers' share of ratepayer revenue is \$5.425M/\$16.671M = 32.54%.
- Allocated based on the CPUC Base Revenue Requirement Balancing Account (BRRBA) allocator in effect during the Prior Year. The weighted average (by time) shall be used if more than one allocator is in effect during the Prior Year. ISO portion of revenue is treated as traditional OOR.
ISO Allocator = 0.05919 Source: CPUC D. 15-11-021
- Mono Power Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.11e. Revenues and costs shall be non-ISO.
- SCE Capital Company is a subsidiary company. Net Earnings are reported on Acct 418.1, pg 225.23e. Revenues and costs shall be non-ISO.
- Southern States Realty is a subsidiary company. Gross revenues are not reported in FF-1, only net earnings. Net Earnings for Southern States Realty are reported on Acct 418.1, pg 225.17e.
- For subsidiaries that are subject to GRSM, Column D contains gross revenues. Input on Line 30D contains the associated expenses.
- Per GRC Decision D.87-12-066, for ratemaking purposes EMS financials are consolidated with SCE's. See FERC Form 1 page 123.3 under "Equity Investment Differences". Consequently, net income of EMS is not reported separately in FERC Form 1 and is not a part of FERC Account 418.1 totals. To ensure that ratepayers receive the net income from this subsidiary SCE includes EMS net income in the formula on line 28f. This amount is reversed as part of line 30 to remain consistent with the totals reported in FERC Form 1.

Determination of Regulatory Assets/Liabilities and Associated Amortization and Regulatory Debits/Credits

Line

1 Other Regulatory Assets/Liabilities are a component of Rate Base representing costs that are created resulting from the ratemaking
 2 actions of regulatory agencies. Pursuant to the Commission's Uniform System of Accounts, these items include amounts recorded
 3 in accounts 182.x and 254. This Schedule shall not include any costs recovered through Schedule 12.
 4
 5 SCE shall include a non-zero amount of Other Regulatory Assets/Liabilities only with Commission
 6 approval received subsequent to an SCE Section 205 filing requesting such treatment.
 7
 8 Amortization and Regulatory Debits/Credits are amounts approved for recovery in this formula transmission rate representing the
 9 approved annual recovery of Other Regulatory Assets/Liabilities as an expense item in the Base TRR, consistent
 10 with a Commission Order.

11			
12		Prior Year	
13		<u>Amount</u>	<u>Calculation or Source</u>
14	Other Regulatory Assets/Liabilities (EOY):	\$0	Sum of Column 2 below
15	Other Regulatory Assets/Liabilities (BOY/EOY average):	\$0	Avg. of Sum of Cols. 1 and 2 below
16	Amortization and Regulatory Debits/Credits:	\$0	Sum of Column 3 below

	Col 1	Col 2	Col 3		
	Prior Year	Prior Year	Prior Year		
Description of Issue	BOY	EOY	Amortization or	Commission Order	
Resulting in Other Regulatory	Other Reg	Other Reg	Regulatory	Granting Approval of	
<u>Asset/Liability</u>	<u>Asset/Liability</u>	<u>Asset/Liability</u>	<u>Debit/Credit</u>	<u>Regulatory Liability</u>	
17	Issue #1				
18	Issue #2				
19	Issue #3				
20	Totals:	\$0	\$0	\$0	Sum of above

Instructions:

- 1) Upon Commission approval of recovery of Other Regulatory Assets/Liabilities, Amortization and Regulatory Debits/Credits costs through this formula transmission rate:
 - a) Fill in Description for issue in above table.
 - b) Enter costs in columns 1-3 in above table for the applicable Prior Year.
- 2) Add additional lines as necessary for additional issues.

Calculation of the Contribution of CWIP to the Base TRR

1) CWIP Contribution to the Prior Year TRR and True Up TRR

a) CWIP Balances:		Col 1	Col 2	Col 3	
		Prior Year	Prior Year	Forecast	
Line	Project	EOY Amount	Average Amount	Period Amount	Source
1	Tehachapi:	\$14,915,548	\$194,883,792	-\$14,915,548	10-CWIP, Lines 13, 14, 80
2	Devers to Colorado River:	\$0	\$0	\$0	10-CWIP, Lines 13, 14, 106
3	South of Kramer:	\$4,204,927	\$3,394,860	\$1,836,037	10-CWIP, Lines 13, 14, 132
4	West of Devers:	\$69,685,245	\$56,339,988	\$155,484,662	10-CWIP, Lines 13, 14, 158
5	Red Bluff:	\$0	\$709,238	\$0	10-CWIP, Lines 13, 14, 184
6	Whirlwind Sub Expansion:	\$26,943,987	\$16,606,020	-\$26,943,987	10-CWIP, Lines 27, 28, 210
7	Colorado River Sub Expansion:	\$0	\$0	\$0	10-CWIP, Lines 27, 28, 236
8		\$0	\$0	\$0	10-CWIP, Lines 27, 28, 262
9		\$0	\$0	\$0	10-CWIP, Lines 27, 28, 288
10		\$0	---	\$0	10-CWIP, Lines 27, 28, 314
11		\$0	---	\$0	10-CWIP, Lines 27, 28, 340
12	Totals:	\$115,749,706	\$271,933,898	\$115,461,165	Sum of Lines 1 to 11

b) Return:		EOY Amount	Average Amount	Source
13	CWIP Amount:	\$115,749,706	\$271,933,898	Line 12
14	Cost of Capital Rate:	7.9920%	7.9920%	1-BaseTRR, Line 54
15	Cost of Capital:	\$9,250,755	\$21,733,048	Line 13 * Line 14

c) Income Taxes		EOY Amount	Average Amount	Source
16	CWIP Amount:	\$115,749,706	\$271,933,898	Line 12
17	Equity ROR w Preferred Stock ("ER"):	5.9926%	5.9926%	1-BaseTRR, Line 55
18	Composite Tax Rate:	40.7460%	40.7460%	1-BaseTRR, Line 59
19	Income Taxes:	\$4,769,861	\$11,205,964	Formula on Line 21

20
21 Income Taxes = [(RB * ER) * (CTR/(1 - CTR))], or [(L13 * L17) * (L18 / (1 - L18))]
22 (No "Credits and Other" or "AFUDC" Terms, since these are not related to CWIP)
23

d) ROE Incentives:		Value	Source
24	IREF =	\$8,538	15-IncentiveAdder, Line 3

1) Tehachapi		EOY Amount	Average Amount	
25	Tehachapi CWIP Amount:	\$14,915,548	\$194,883,792	Line 1
26	ROE Adder %:	1.25%	1.25%	15-IncentiveAdder, Line 5
27	ROE Adder \$:	\$159,193	\$2,079,981	Formula on Line 32

2) Devers to Colorado River		EOY Amount	Average Amount	
28	DCR CWIP Amount:	\$0	\$0	Line 2
29	ROE Adder %:	1.00%	1.00%	15-IncentiveAdder, Line 6
30	ROE Adder \$:	\$0	\$0	Formula on Line 32

31
32 ROE Adder \$ = (Project CWIP Amount/\$1,000,000) * IREF * (ROE Adder % / 1%)

e) Total of Return, Income Taxes, and ROE Incentives contribution to PYTRR and True Up TRR

	PYTRR Amount	True Up TRR Amount	Source	
33	Return:	\$9,250,755	\$21,733,048	Line 15
34	Income Taxes:	\$4,769,861	\$11,205,964	Line 19
35	ROE Adder Tehachapi:	\$159,193	\$2,079,981	Line 27
36	ROE Adder DCR:	\$0	\$0	Line 30
37	FF&U:	\$164,674	\$322,374	Note 1
38	Total:	\$14,344,484	\$35,341,367	Sum Lines 33 to 37

f) Contribution from each Project to the Prior Year TRR and True Up TRR

1) Contribution to the Prior Year TRR

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	
	<u>Cost of</u>	<u>Income</u>			= Sum C1 to C4	
<u>Project</u>	<u>Capital</u>	<u>Taxes</u>	<u>ROE Adder</u>	<u>FF&U</u>	<u>Total</u>	<u>Source</u>
39 Tehachapi:	\$1,192,056	\$614,646	\$159,193	\$22,831	\$1,988,725	Note 2
40 Devers to Colorado River:	\$0	\$0	\$0	\$0	\$0	Note 2
41 South of Kramer:	\$336,059	\$173,278	\$0	\$5,915	\$515,253	Note 2
42 West of Devers:	\$5,569,268	\$2,871,618	\$0	\$98,027	\$8,538,913	Note 2
43 Red Bluff:	\$0	\$0	\$0	\$0	\$0	Note 2
44 Whirlwind Sub Expansion:	\$2,153,372	\$1,110,319	\$0	\$37,902	\$3,301,594	Note 2
45 Colorado River Sub Expansion:	\$0	\$0	\$0	\$0	\$0	Note 2
46	\$0	\$0	\$0	\$0	\$0	Note 2
47	\$0	\$0	\$0	\$0	\$0	Note 2
48	---	---	---	---	---	Note 2
49	---	---	---	---	---	Note 2
50 Totals:	\$9,250,755	\$4,769,861	\$159,193	\$164,674	\$14,344,484	Sum L 39 to L 49

2) Contribution to the True Up TRR

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	
	<u>Cost of</u>	<u>Income</u>			= Sum C1 to C4	
<u>Project</u>	<u>Capital</u>	<u>Taxes</u>	<u>ROE Adder</u>	<u>FF&U</u>	<u>Total</u>	<u>Source</u>
51 Tehachapi:	\$15,575,178	\$8,030,851	\$2,079,981	\$298,299	\$25,984,310	Note 3
52 Devers to Colorado River:	\$0	\$0	\$0	\$0	\$0	Note 3
53 South of Kramer:	\$271,318	\$139,897	\$0	\$4,776	\$415,991	Note 3
54 West of Devers:	\$4,502,711	\$2,321,681	\$0	\$79,254	\$6,903,646	Note 3
55 Red Bluff:	\$56,683	\$29,227	\$0	\$998	\$86,907	Note 3
56 Whirlwind Sub Expansion:	\$1,327,159	\$684,308	\$0	\$23,360	\$2,034,826	Note 3
57 Colorado River Sub Expansion:	\$0	\$0	\$0	\$0	\$0	Note 3
58	\$0	\$0	\$0	\$0	\$0	Note 3
59	\$0	\$0	\$0	\$0	\$0	Note 3
60	---	---	---	---	---	Note 3
61	---	---	---	---	---	Note 3
62 Totals:	\$21,733,048	\$11,205,964	\$2,079,981	\$406,686	\$35,425,679	Sum of L 51 to 61

2) Contribution from the Incremental Forecast Period TRR

a) Total of all CWIP projects

	<u>Value</u>	<u>Source</u>
63 Forecast Period Incremental CWIP:	\$115,461,165	Line 12, Col 3
64 AFCRCWIP:	12.113%	2-IFPTRR, Line 16
65 CWIP component of IFPTRR without FF&U:	\$13,985,666	Line 63 * Line 64
66 FF&U:	\$162,420	Line 65 * (28-FFU, L5 FF Factor + U Factor)
67 CWIP component of IFPTRR including FF&U:	\$14,148,086	Line 65 + Line 66

b) Individual Project Contribution

<u>Project</u>	<u>Amount wo FF&U</u>	<u>Amount with FF&U</u>	<u>Source</u>
68 Tehachapi:	-\$1,806,702	-\$1,827,683	Note 4
69 Devers to Colorado River:	\$0	\$0	Note 4
70 South of Kramer:	\$222,397	\$224,980	Note 4
71 West of Devers:	\$18,833,662	\$19,052,383	Note 4
72 Red Bluff:	\$0	\$0	Note 4
73 Whirlwind Sub Expansion:	-\$3,263,691	-\$3,301,594	Note 4
74 Colorado River Sub Expansion:	\$0	\$0	Note 4
75	\$0	\$0	Note 4
76	\$0	\$0	Note 4
77	---	---	Note 4
78	---	---	Note 4
79 Totals:	\$13,985,666	\$14,148,086	Sum of Lines 68 to 78

3) Total Contribution of CWIP to the Retail and Wholesale Base TRRs:

a) Total of all CWIP projects

		<u>Value</u>	<u>Source</u>
80	PY Total Return, Taxes, Incentive:	\$14,179,809	Sum Line 33 to 36
81	CWIP component of IFPTRR wo FF&U:	\$13,985,666	Line 65
82	Total without FF&U:	\$28,165,475	Line 80 + Line 81
83	FF Factor:	0.9206%	28-FFU, Line 5
84	U Factor:	0.2408%	28-FFU, Line 5
85	Franchise Fees Amount:	\$259,283	Line 82 * Line 83
86	Uncollectibles Amount:	\$67,811	Line 82 * Line 84
87	Total Contribution of CWIP to Retail Base TRR:	\$28,492,569	Line 82 + Line 85 + Line 86
88	Total Contribution of CWIP to Wholesale Base TRR:	\$28,424,758	Line 82 + Line 85

b) Individual CWIP Project Contribution to the Retail Base TRR

	<u>Col 1</u> <u>PYTRR</u> <u>wo FF&U</u>	<u>Col 2</u> <u>IFPTRR</u> <u>wo FF&U</u>	<u>Col 3</u> <u>FF&U</u>	<u>Col 4</u> <u>Total</u>	<u>Source</u>	
89	Tehachapi:	\$1,965,894	-\$1,806,702	\$1,849	\$161,041	Note 5
90	Devers to Colorado River:	\$0	\$0	\$0	\$0	Note 5
91	South of Kramer:	\$509,338	\$222,397	\$8,498	\$740,232	Note 5
92	West of Devers:	\$8,440,886	\$18,833,662	\$316,748	\$27,591,296	Note 5
93	Red Bluff:	\$0	\$0	\$0	\$0	Note 5
94	Whirlwind Sub Expansion:	\$3,263,691	-\$3,263,691	\$0	\$0	Note 5
95	Colorado River Sub Expansion:	\$0	\$0	\$0	\$0	Note 5
96		\$0	\$0	\$0	\$0	Note 5
97		\$0	\$0	\$0	\$0	Note 5
98		---	---	---	---	Note 5
99		---	---	---	---	Note 5
100	Totals:	\$14,179,809	\$13,985,666	\$327,094	\$28,492,569	

c) Individual CWIP Project Contribution to the Wholesale Base TRR

	<u>Col 1</u> <u>PYTRR</u> <u>wo FF&U</u>	<u>Col 2</u> <u>IFPTRR</u> <u>wo FF&U</u>	<u>Col 3</u> <u>FF</u>	<u>Col 4</u> <u>Total</u>	<u>Source</u>	
101	Tehachapi:	\$1,965,894	-\$1,806,702	\$1,465	\$160,658	Note 6
102	Devers to Colorado River:	\$0	\$0	\$0	\$0	Note 6
103	South of Kramer:	\$509,338	\$222,397	\$6,736	\$738,471	Note 6
104	West of Devers:	\$8,440,886	\$18,833,662	\$251,081	\$27,525,629	Note 6
105	Red Bluff:	\$0	\$0	\$0	\$0	Note 6
106	Whirlwind Sub Expansion:	\$3,263,691	-\$3,263,691	\$0	\$0	Note 6
107	Colorado River Sub Expansion:	\$0	\$0	\$0	\$0	Note 6
108		\$0	\$0	\$0	\$0	Note 6
109		\$0	\$0	\$0	\$0	Note 6
110		---	---	---	---	Note 6
111		---	---	---	---	Note 6
112	Totals:	\$14,179,809	\$13,985,666	\$259,283	\$28,424,758	

Notes:

- (Sum Lines 33 to 36) * (FF + U Factors from 28-FFU) for Prior Year TRR
(Sum Lines 34 to 37) * (FF Factor from 28-FFU) for True Up TRR
- Project Cost of capital is a fraction of total Cost of Capital on Line 15 based on fraction of project CWIP Balances on Lines 1 to 12, Col 1.
Project Income Taxes is a fraction of total Income on Line 19 based on fraction of project CWIP Balances on Lines 1 to 12, Col 1.
ROE Adder is from Lines 35 and 36. FF&U Expenses are based on FF&U Factors on 28-FFU.
- Project Cost of capital is a fraction of total Cost of Capital on Line 15 based on fraction of project CWIP Balances on Lines 1 to 12, Col 2.
Project Income Taxes is a fraction of total Income on Line 19 based on fraction of project CWIP Balances on Lines 1 to 12, Col 2.
ROE Adder is from Lines 35 and 36. FF&U Expenses are based on FF&U Factors on 28-FFU.
- Project contribution to total IFPTRR is based on fraction of Forecast Period CWIP Balances on Lines 1 to 12, Col 3.
- Column 1 is from Lines 39 to 49, Sum of Column 1-3 (no FF&U).
Column 2 is from Lines 68 to 78 (no FF&U).
Column 3 is the product of (C1 + C2) and the sum of FF and U factors (28-FFU, L5)
- Same as Note 5 except no Uncollectibles Expense in Column 3.

Calculation of Wholesale Difference to the Base TRR

Inputs are shaded yellow

The Wholesale Difference to the Base TRR represents the amount by which the Wholesale Base TRR differs as compared to the Retail Base TRR. This difference is attributable to differences in the following six items, as approved by Commission Order 86 FERC ¶ 63,014 in Docket No. ER97-2355.

These six items may affect the Base TRR by affecting Rate Base, or affecting an annual expense (amortization). If the annual amortization affects Income Taxes, there is an additional annual Income Tax Effect. The table summarizes these impacts for each item:

<u>Line</u>		<u>Rate Base Difference</u>	<u>Expense (Amortization) Difference</u>	<u>Expense Tax Impact</u>
1	a) Depreciation	Yes	Yes	No
2	b) Taxes Deferred -Make Up Adjustment (South Georgia)	Yes	Yes	Yes
3	c) Excess Deferred Taxes	Yes	Yes	Yes
4	d) Taxes Deferred - Acct. 282 ACRS/MACRS	Yes	Yes	No
5	e) Uncollectibles Expense	No	Yes	No
6	f) EPRI and EEI Dues	No	Yes	No

1) Calculation of Wholesale Rate Base Difference and Wholesale Rate Base Adjustment

a) Quantification of the Initial 2010 Wholesale Rate Base Difference and annual change

The difference between Retail and Wholesale Rate Base is attributable to the following four items, with the Initial Prior Year 2010 Rate Base differences and annual changes as follows:

	<u>Data Source</u>	<u>Col 1 2010 Rate Base Difference (Wholesale less Retail)</u>	<u>Col 2 Annual Change (Amortization)</u>
7	1) Accumulated Depreciation	Fixed values	\$31,556,000
8	2) Taxes Deferred - Make Up Adjustment	Fixed values	-\$35,044,000
9	3) Excess Deferred Taxes	Fixed values	-\$624,650
10	4) Taxes Deferred - Acct. 282 ACRS/MACRS	Fixed values	-\$7,410,000
11		Totals:	-\$11,522,650

b) Quantification of the Wholesale Rate Base Adjustment

The Wholesale Rate Base Adjustment represents the impact on the Wholesale Base TRR relative to the Retail Base TRR of the Wholesale Rate Base Difference for the Prior Year.

	<u>Data Source</u>	<u>Value</u>	<u>Notes/Instructions</u>
12	Fixed Charge Rate	2-IFPTRR Line 16	12.11%
13	Prior Year		2016
14	Wholesale Rate Base Difference for Prior Year		-\$6,236,650
15	Wholesale Rate Base Adjustment	Line 14 * Line 12	-\$755,438

2) Calculation of Wholesale Expense Difference

The annual Wholesale Expense Difference impact is the negative of amounts stated in Lines 7 to 10 above, Column 2. It represents the effect on expenses (Wholesale less Retail) of amortizing the associated balances each year. If an annual amortization amount affects Income Taxes, the expense difference must be grossed up for income taxes.

a) Calculation of the Wholesale South Georgia Income Tax Adjustment to the TRR

	<u>Source</u>	<u>Value</u>
16	South Georgia Amortization	Line 8
17	Composite Tax Rate ("CTR")	1-BaseTRR L 59
18	Tax Gross Up Factor	(1/(1-CTR))
19	Wholesale South Georgia	
20	Income Tax Adjustment to the TRR:	- Line 16 * Line 18

b) Calculation of "Excess Deferred Taxes" Grossed Up for Income Taxes

	<u>Source</u>	<u>Value</u>
21	Annual Amort. of "Excess Deferred Taxes":	Line 9
22	Tax Gross Up Factor	Line 18
23	Excess Deferred Taxes Grossed Up for Income Taxes:	- Line 21 * Line 22
24		

25 c) Calculation of EPRI and EEI Dues Exclusion

	<u>Source</u>		<u>Notes/Instructions</u>
26			
27	SCE Records	\$0	Note 5
28	SCE Records	\$1,604,261	Note 5
29	Line 27 + 28	\$1,604,261	
30	27-Allocators, Line 9	6.1650%	
31	Line 29 * 30	\$98,903	

d) Total Expense Difference

			<u>Notes/Instructions</u>
32	1) Wholesale Depreciation Difference	- Line 7, Col. 2	\$2,176,300
33	2) Taxes Deferred - Make Up Adjustment	Line 20	-\$4,224,187
34	3) Excess Deferred Taxes	Line 23	-\$72,738
35	4) Taxes Deferred - Acct. 282 ACRS/MACRS	- Line 10, Col. 2	-\$511,200
36	5) EPRI and EEI Dues Exclusion	- Line 31	-\$98,903
37	6) Additional Expense Difference		\$0
38	Total Expense Difference:		-\$2,730,728

3) Calculation of the Wholesale Difference to the Base TRR

	<u>Source</u>	<u>Value</u>	
39	Line 15	-\$755,438	
40	Line 38	-\$2,730,728	
41	- 1-Base TRR, L 80	-\$2,617,003	
42	- 2-IFPTRR, L 80	-\$260,189	
43	Sum Line 39 to Line 42	-\$6,363,357	
44		-\$32,093	Note 4
45	Line 43 + Line 44	-\$6,395,449	

Notes/Instructions:

- 1) Fixed Charge Rate of capital and income tax costs associated with \$1 of Rate Base is defined elsewhere in this formula as "AFCRCWIP".
- 2) Input Prior Year for this Informational Filing in Line 13.
- 3) Calculation: (Line 11, Col 1) + ((Line 11, Col 2) * (Line 13 - 2010)).
- 4) Franchise Fee Exclusion is equal to the Franchise Fee Factor on the 28-FFU Line 5 times Line 39 + 40.
- 5) Only exclude if not already excluded in Schedule 20.

Income Tax Rates

1) Federal Income Tax rate Inputs are shaded yellow

<u>Line</u>	<u>Prior Year</u>	<u>Federal Income Tax Rate ("FITR")</u>	<u>Source</u>
1	2016	35.00%	Note 1
2			

2) Composite State Income Tax Rate

<u>Line</u>	<u>Prior Year</u>	<u>Composite State Income Tax Rate ("CSITR")</u>	<u>Source</u>
6	2016	8.8400%	Note 2
7			
8			
9			
10			
11			

3) Capitalized Overhead portion of Electric Payroll Tax Expense

<u>Line</u>		<u>Amount</u>
13		
14	Total Electric Payroll Tax Expense (From 1-BaseTRR, Line 31)	\$116,164,312
15	Capitalization Rate (Note 3)	39.8%
16	Capitalized Overhead portion of Electric Payroll Tax Expense (Line 14 * Line 15)	\$46,233,396
17	Non-Capitalized Overhead portion of Electric Payroll Tax Expense (Line 14 - Line 16)	\$69,930,916

Notes:

- 1) Federal Source Statute: Internal Revenue Code Section 11(b)(1)(D)
- 2) California State Source Statute: California Rev. & Tax. Cd. § 23151
- 3) Capitalization Rate approved in: CPUC D. 15-11-021
For the following Prior Years: 2015-2017

Calculation of Allocation Factors

Inputs are shaded yellow

Line	Notes	FERC Form 1 Reference or Instruction	Prior Year Value
1	ISO Transmission Wages and Salaries	19-OandM Line 91, Col. 7	\$35,781,164
2	Total Wages and Salaries	FF1 354.28b	\$737,797,550
3	Less Total A&G Wages and Salaries	FF1 354.27b	\$205,867,991
4	Total Wages and Salaries wo A&G	Line 2 - Line 3	\$531,929,559
5	Total NOIC (Non-Officer Incentive Compensation)	20-AandG, Note 2	\$71,991,890
6	Less A&G NOIC	20-AandG, Note 2	\$23,529,616
7	NOIC wo A&G NOIC	Line 5 - Line 6	\$48,462,274
8	Total non-A&G W&S with NOIC	Line 4 + Line 7	\$580,391,833
9	Transmission Wages and Salary Allocation Factor	Line 1 / Line 8	6.1650%

Line	Notes	FERC Form 1 Reference or Instruction	Prior Year Value
11	2) Calculation of Transmission Plant Allocation Factor		
12			
13			
14	Transmission Plant - ISO	7-PlantStudy, Line 21	\$8,276,570,295
15	Distribution Plant - ISO	7-PlantStudy, Line 30	\$0
16	Total Electric Miscellaneous Intangible Plant	6-PlantInService, Line 21, C2	\$1,588,136,353
17	Electric Miscellaneous Intangible Plant - ISO	Line 16 * Line 9	\$97,908,627
18	Total General Plant	6-PlantInService, Line 21, C1	\$2,941,903,413
19	General Plant - ISO	Line 18 * Line 9	\$181,368,384
20	Total Plant In Service	FF1 207.104g	\$44,298,088,225
21			
22	Transmission Plant Allocation Factor	(L14 + L15 + L17 + L19) / L20	19.3143%

24 3) Schedule 19 "Percent ISO" Allocation Factors (Input values are from SCE Records)

Line	Notes	Values	Notes	Applied to Accounts
25	a) Line Miles			
26	ISO Line Miles	5,660		563 - Overhead Line Expenses - Allocated
27	Non-ISO Line Miles	6,453		567 - Line Rents - Allocated
28	Total Line Miles	12,113 = L27 + L28		571 - Maintenance of Overhead Lines - Allocated
29	Line Miles Percent ISO	46.7% = L27 / L29		
30				
31	b) Underground Line Miles			
32	ISO Underground Line Miles	5		564 - Underground Line Expense
33	Non-ISO Underground Line Miles	353		572 - Maintenance of Underground Transmission Lines
34	Total Underground Line Miles	358 = L33 + L34		
35	Underground Line Miles Percent ISO	1.4% = L33 / L35		
36				
37	c) Circuit Breakers			
38	ISO Circuit Breakers	1,184		All Other Non 0% or 100% Transmission O&M Accounts
39	Non-ISO Breakers	2,078		
40	Total Circuit Breakers	3,262 = L39 + L40		
41	Circuit Breakers Percent ISO	36.3% = L39 / L41		
42				
43	d) Distribution Circuit Breakers			
44	ISO Distribution Circuit Breakers	0		582 - Station Expenses
45	Non-ISO Distribution Circuit Breakers	8,875		590 - Maintenance Supervision and Engineering
46	Total Distribution Circuit Breakers	8,875 = L45 + L46		591 - Maintenance of Structures
47	Distribution Circuit Breakers Percent ISO	0.0% = L45 / L47		592 - Maintenance of Station Equipment
48				

Franchise Fees and Uncollectibles Expense Factors

1) Approved Franchise Fee Factor(s)

Inputs are shaded yellow

<u>Line</u>	<u>From</u>	<u>To</u>	<u>Days in Prior Year</u>	<u>FF Factor</u>	<u>Reference</u>
1	2016	Present	366	0.92057%	Schedule 28 - Workpaper, Line 3
2					

2) Approved Uncollectibles Expense Factor(s)

<u>Line</u>	<u>From</u>	<u>To</u>	<u>Days in Prior Year</u>	<u>U Factor</u>	<u>Reference</u>
3	2016	Present	366	0.24076%	Schedule 28 - Workpaper, Line 4
4					

3) FF and U Factors

<u>Line</u>	<u>Prior Year</u>	<u>FF Factor</u>	<u>U Factor</u>	<u>Notes</u>
5	2016	0.92057%	0.24076%	Calculated according to Instruction 3

Notes:

1) Franchise Fees represent payments that SCE makes to municipal entities for the right to locate facilities within the municipality.

Instructions:

- 1) Enter Franchise Fee and Uncollectibles Factors as approved by the California Public Utilities Commission ("CPUC") in modules 1 and 2 above pursuant to Instruction 2. If approved factors changed during Prior Year, enter both, and note period of time for which each applies in "From" and "To" columns, and number of days each was in effect during the Prior Year in "Days in Prior Year" Column.
- 2) Franchise Fees Factor is calculated from CPUC Decision by dividing adopted Franchise Fees by Total Operating Revenues less Franchise Fees. Uncollectibles Factor is calculated by dividing adopted Uncollectibles expense by Total Operating revenues less Uncollectibles Expense. Resulting FF & U Factors represent factors that, when applied to TRR without FF and U will correctly determine FF and U expense.
- 3) Calculate in module 3 the weighted average FF and U factors from the factors in modules 1 and 2 based on the number of days each FF and U factor was in effect during the Prior Year at issue.

	<u>Percent</u>	<u>Calculation</u>
Prior Year FF Factor:	0.92057%	$((L1 \text{ FF Factor} * L1 \text{ Days}) + (L2 \text{ FF Factor} * L2 \text{ Days})) / (L1 + L2 \text{ Days})$
Prior Year U Factor:	0.24076%	$((L3 \text{ U Factor} * L3 \text{ Days}) + (L4 \text{ U Factor} * L4 \text{ Days})) / (L3 + L4 \text{ Days})$

CALCULATION OF SCE WHOLESALE HIGH AND LOW VOLTAGE TRRS

<u>Line</u>	<u>TRR Values</u>	<u>Notes</u>	<u>Source</u>
1	\$1,162,911,173 = Wholesale Base TRR		1-BaseTRR, Line 89
2	-\$121,378,713 = Total Wholesale TRBAA	Note 1	2018 TRBAA ER18-154
3	-\$120,967,080 = HV Wholesale TRBAA		2018 TRBAA ER18-154
4	-\$411,633 = LV Wholesale TRBAA		2018 TRBAA ER18-154
5	-\$8,215,991 = Total Standby Transmission Revenues	Note 2	SCE Retail Standby Rate Revenue
6	97.5957% = HV Allocation Factor		31-HVLV, Line 37
7	2.4043% = LV Allocation Factor		31-HVLV, Line 37

Inputs are shaded yellow

Calculation of Total High Voltage and Low Voltage components of Wholesale TRR

	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Source</u>
	<u>TOTAL</u>	<u>High Voltage</u>	<u>Low Voltage</u>	
8	Wholesale Base TRR: \$1,162,911,173	\$1,134,951,175	\$27,959,999	See Note 3
9	CWIP Component of Wholesale Base TRR: \$28,424,758	\$28,424,758	\$0	See Note 4
10	Non-CWIP Component of Wholesale Base TRR: \$1,134,486,415	\$1,106,526,417	\$27,959,999	See Note 5
11	Wholesale TRBAA: -\$121,378,713	-\$120,967,080	-\$411,633	Lines 2 to 4
12	Less Standby Transmission Revenues: <u>-\$8,215,991</u>	<u>-\$8,018,453</u>	<u>-\$197,538</u>	See Note 6
13	Components of Wholesale Transmission Revenue Requirement: \$1,033,316,470	\$1,005,965,642	\$27,350,828	Sum of Lines 8, 11, and 12

Notes:

- 1) TRBAA is "Transmission Revenue Balancing Account Adjustment". The TRBAA is determined pursuant to SCE's Transmission Owner Tariff and may be revised each January 1, upon commission acceptance of a revised TRBAA amount, or upon the date the Commission orders.
- 2) From 33-RetailRates. See Line: Line 17, column 3
- 3) Column 1 is from Line 1.
Column 2 equals Column 1 * Line 6.
Column 3 equals Column 1 * Line 7.
- 4) From 24-CWIPTRR, Line 88. All High Voltage.
- 5) Line 8 - Line 9
- 6) Column 1 is from Line 5.
Column 2 equals Column 1 * Line 6.
Column 3 equals Column 1 * Line 7.

Calculation of SCE Wholesale Rates (See Note 1)

SCE's wholesale rates are as follows:

- 1) Low Voltage Access Charge
- 2) High Voltage Utility-Specific Rate
- 3) HV Existing Contracts Access Charge

Calculation of Low Voltage Access Charge:

<u>Line</u>				<u>Source</u>
1	LV TRR =	\$27,350,828		29-WholesaleTRRs, Line 13, C3
2	Gross Load =	88,026,785	MWh	32-Gross Load, Line 3
3	Low Voltage Access Charge =	\$0.00031	per kWh	Line 1 / (Line 2 * 1000)

Calculation of High Voltage Utility Specific Rate:

(used by ISO in billing of ISO TAC)

				<u>Source</u>
4	SCE HV TRR =	\$1,005,965,642		29-WholesaleTRRs, Line 13, C2
5	Gross Load =	88,026,785	MWh	32-Gross Load, Line 3
6	High Voltage Utility-Specific Rate =	\$0.0114279	per kWh	Line 4 / (Line 5 * 1000)

Calculation of High Voltage Existing Contracts Access Charge:

				<u>Source</u>
7	HV Wholesale TRR =	\$1,005,965,642		29-WholesaleTRRs, Line 13, C2
8	Sum of Monthly Peak Demands:	163,348	MW	32-Gross Load, Line 4
9	HV Existing Contracts Access Charge:	\$6.16	per kW	Line 7 / (Line 8 * 1000)

Notes:

1) SCE's wholesale rates are subject to revision upon acceptance by the Commission of a revised TRBAA amount. See Note 1 on 29-WholesaleTRRs.

Derivation of High Voltage and Low Voltage Gross Plant Percentages

Determination of HV and LV Gross Plant Percentages for ISO Transmission Plant in accordance with ISO Tariff Appendix F, Schedule 3, Section 12.

Input cells are shaded yellow

A) Total ISO Plant from Prior Year				HV and LV Components of Total ISO Plant on Lines 2, 3, 7, 8, and 9 are from the Plant Study, performed pursuant to Section 9 of Appendix IX:				
Classification of Facility:	Total ISO Gross Plant	Land	Structures	HV Land	LV Land	HV Structures	LV Structures	HV/LV Transformers
Line 1 Lines:								
Line 2 HV Transmission Lines	\$4,365,608,275	\$207,236,614	\$4,158,371,661	\$207,236,614	\$0	\$4,158,371,661	\$0	\$0
Line 3 LV Transmission Lines	<u>\$90,835,004</u>	<u>\$5,567,060</u>	<u>\$85,267,944</u>	<u>\$0</u>	<u>\$5,567,060</u>	<u>\$0</u>	<u>\$85,267,944</u>	<u>\$0</u>
Line 4 Total Transmission Lines (L 2 + L 3):	\$4,456,443,279	\$212,803,674	\$4,243,639,605	\$207,236,614	\$5,567,060	\$4,158,371,661	\$85,267,944	\$0
Line 5								
Line 6 Substations:								
Line 7 HV Substations (>= 200 kV)	\$3,366,536,505	\$39,025,671	\$3,327,510,835	\$39,025,671	\$0	\$3,327,510,835	\$0	\$0
Line 8 Straddle Subs (Cross 200 kV boundary):	412,135,343	\$189,495	\$411,945,848	\$122,642	\$66,854	\$221,615,455	\$119,031,510	\$71,298,883
Line 9 LV Substations (Less Than 200kV)	<u>41,455,168</u>	<u>\$153,791</u>	<u>\$41,301,377</u>	<u>\$0</u>	<u>\$153,791</u>	<u>\$0</u>	<u>\$41,301,377</u>	<u>\$0</u>
Line 10 Total all Substations (L7 + L8 + L9)	\$3,820,127,016	\$39,368,957	\$3,780,758,060	\$39,148,312	\$220,644	\$3,549,126,290	\$160,332,887	\$71,298,883
Line 11								
Line 12 Total Lines and Substations	\$8,276,570,295	\$252,172,630	\$8,024,397,665	\$246,384,926	\$5,787,704	\$7,707,497,951	\$245,600,831	\$71,298,883
Line 13								
Line 14								
Line 15 Gross Plant that can directly be determined to be HV or LV:								
Line 16								
Line 17	High Voltage	Low Voltage	Total	Notes:				
Line 18 Land	\$246,384,926	\$5,787,704	\$252,172,630	From above Line 12				
Line 19 Structures	\$7,707,497,951	\$245,600,831	\$7,953,098,782	From above Line 12				
Line 20 Total Determined HV/LV:	\$7,953,882,877	\$251,388,535	\$8,205,271,412	Sum of lines 18 and 19				
Line 21 Gross Plant Percentages (Prior Year):	96.936%	3.064%		Percent of Total				
Line 22								
Line 23 Straddling Transformers	\$69,114,467	\$2,184,415	\$71,298,883	Straddling Transformers split by Gross Plant Percentages on Line 21				
Line 24 Abandoned Plant (BOY)	\$37,069,049	-\$37,069,049	\$0	Total: 12-Abandoned Plant Line 2, HV: 12-Abandoned Plant Line 5, LV = Total - HV				
Line 25 Total HV and LV Gross Plant for Prior Year	\$8,060,066,393	\$216,503,902	\$8,276,570,295	Line 20 + Line 23 + Line 24				
Line 26								
Line 27								
Line 28 B) Gross Plant Percentage for the Rate Year:								
Line 29								
Line 30								
Line 31	High Voltage	Low Voltage	Total	Notes:				
Line 32 Total HV and LV Gross Plant for Prior Year	\$8,060,066,393	\$216,503,902	\$8,276,570,295	Line 25				
Line 33 In Service Additions in Rate Year:	\$633,745,813	\$516,245	\$634,262,057	13-Month Average: 16-PlantAdditions, Line 25, Cols 7 (for Total) and 12 (for LV). HV = C7 - C12.				
Line 34 CWIP in Rate Year	<u>\$115,461,165</u>	<u>\$0</u>	<u>\$115,461,165</u>	13 Month Average: 10-CWIP, Line 54, Col. 8				
Line 35 Total HV and LV Gross Plant for Rate Year	\$8,809,273,371	\$217,020,147	\$9,026,293,518	Line 32 + Line 33 + Line 34				
Line 36								
Line 37 HV and LV Gross Plant Percentages:	97.596%	2.404%		Percent of Total on Line 35				
Line 38 (HV Allocation Factor and								
Line 39 LV Allocation Factor)								

Calculation of Forecast Gross Load

<u>Line</u>		<u>MWh</u>	<u>Calculation</u>	<u>Source</u>
1	SCE Retail Sales at ISO Grid level:	88,010,855		Note 1
2	Pump Load forecast:	15,930		Note 2
3	Forecast Gross Load:	88,026,785	Line 1 + Line 2	Sum of above
4	Forecast 12-CP Retail Load:	163,348		Note 1

Notes:

- 1) Latest SCE approved sales forecast as of April 15 of each year.
- 2) SCE pump load forecast as of April 15 of each year.
- 3) The load forecast used in Schedule 32 shall be for the calendar year in which the rates are to be in effect.

Calculation of SCE Retail Transmission Rates

Retail Base TRR: 1,169,306,623 Source
1-BaseTRR WS, Line 86

Input cells are shaded yellow

1) Derivation of "Total Demand Rate" and "Total Energy Rate":

Line	CPUC Rate Group	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	Col 13	Col 14
		Note 1		Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 8	Note 8	Note 8			
		Sales Forecast Billing Determinants:													
		= Retail Base TRR * Line1:Col1	Sales Forecast (Not Including Backup)	Sales Forecast (Backup)	NEM Adjustment	Applies to supplemental kW demand charges	Applies to contracted standby kW demand charges	= (Line1:Col3 + Line1:Col4) - Line1:Col5		= Line1:Col2 / (Line1:Col8*10^6)	= Line1:Col2 / ((Line1:Col6 + Line1:Col7)*10^3)	Determinants: to be applied to the Supplemental kW demand charges.			
		Total Allocated costs	GWh	Backup GWh	NEM GWh	Maximum demand - MW	Standby demand - MW	Billing Determinants with NEM Adjustment	Total energy rate \$/kWh	Total demand rate - \$/kW-month	GWh	Maximum demand - MW	Standby demand - MW	Notes	
1a	Domestic	40.94%	\$478,746,782	28,329		892	0	27,437	\$0.01745						
1b	GS-1	7.54%	\$88,176,483	5,802		9	0	5,793	\$0.01522		5,989	28,839	2		
1b2	GS-1 continued							0		\$3.16	\$91,171,458	\$3.16		Notes 9,10	
1c	TC-1	0.05%	\$570,989	58			0	58	\$0.00979						
1d	GS-2	17.48%	\$204,377,946	14,128			48,592	14,128		\$4.20					
1e	TOU-GS-3	9.26%	\$108,329,087	8,081			23,361	8,081		\$4.62					
1f	TOU-8-SEC	8.85%	\$103,522,712	8,220			20,973	8,220		\$4.94					
1g	TOU-8-PRI	5.73%	\$67,029,174	5,440			12,707	5,440		\$5.27					
1h	TOU-8-SUB	6.30%	\$73,677,647	5,934			12,225	5,934		\$6.03					
1i	TOU-8-Standby-SEC	0.09%	\$1,081,307	122	101		351	223		\$1.63					
1j	TOU-8-Standby-PRI	0.19%	\$2,212,910	560	231		1,361	790		\$0.80					
1k	TOU-8-Standby-SUB	0.39%	\$4,533,122	1,644	600		3,159	2,244		\$0.39					
1l	TOU-PA-2	1.53%	\$17,934,824	1,795			7,554	1,795		\$2.37					
1m	TOU-PA-3	1.16%	\$13,509,075	1,456			4,828	1,456		\$2.79					
1n	Street Lighting	0.48%	\$5,604,566	726			0	726	\$0.00772						
1o	---							0							
2	Totals:	100.00%	\$1,169,306,623	82,296	932	901	135,110	10,258	82,326						

2) Determination of Demand Rates for Large Power (TOU-8) Rate Groups

9	CPUC Rate Group	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
9a	TOU-8-Standby-SEC	from Line1:Col2	from Line1:Col7	= Col1 / Col2 / 10^3			from Line1:Col2	Note 11	= Col 6 / (Col 7 * 10^3)
9b	TOU-8-Standby-PRI								
9c	TOU-8-Standby-SUB								
9d	---								
9a	TOU-8-Standby-SEC	\$1,081,307	311	\$3.48			\$103,522,712	21,324	4.85
9b	TOU-8-Standby-PRI	\$2,212,910	1,411	\$1.57			\$67,029,174	14,068	4.76
9c	TOU-8-Standby-SUB	\$4,533,122	8,422	\$0.54			\$73,677,647	15,384	4.79
9d	---								

**Schedule 33
Retail Transmission Rates**

11 3) End-User Transmission Rates

12	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>	<u>Col 6</u>	<u>Col 7</u>	<u>Col 8</u>	<u>Col 9</u>	<u>Col 10</u>
13	= Col 2 + Col 3	= Line1:Col2 - Line16:Col3	= Line16:Col7 * Line1:Col7 *10^3		= Line16:Col2 / (Line1:Col8 * 10^6)	= Line16:Col2 / Line1:Col6 / 10^3	from Line9:Col3	= Line16:Col6 * 0.746	= Line16:Col7 * 0.746	
14		Note 12			Note 13		Note 14			
		Revenue associated with Supplemental Demand or Energy		Standby Demand Revenue	Energy Charge - \$/kWh	Supplemental Demand Charge - \$/kW-month	Contracted standby kW demand Charge - \$/kW-month	Supplemental Demand Charge - \$/HP-month	Contracted standby kW demand Charge - \$/HP-month	Notes
15	CPUC Rate Group	Total Revenues								
16a	Domestic	\$478,746,782	\$478,746,782		\$0.01745					
16b	GS-1	\$88,176,483	\$88,169,693	\$6,790	\$0.01522	\$3.16	\$3.16			Note 15
16c	TC-1	\$570,989	\$570,989		\$0.00979					
16d	GS-2	\$204,377,946	\$204,258,277	\$119,669		\$4.20	\$3.48			
16e	TOU-GS-3	\$108,329,087	\$108,090,625	\$238,461		\$4.63	\$3.48			
16f	TOU-8-SEC	\$101,819,091	\$101,819,091			\$4.85				
16g	TOU-8-PRI	\$60,546,719	\$60,546,719			\$4.76				
16h	TOU-8-SUB	\$58,547,430	\$58,547,430			\$4.79				
16i	TOU-8-Standby-SEC	\$2,784,927	\$1,703,621	\$1,081,307		\$4.85	\$3.48			
16j	TOU-8-Standby-PRI	\$8,695,365	\$6,482,455	\$2,212,910		\$4.76	\$1.57			
16k	TOU-8-Standby-SUB	\$19,663,338	\$15,130,216	\$4,533,122		\$4.79	\$0.54			
16l	TOU-PA-2	\$17,934,824	\$17,931,710	\$3,114		\$2.37	\$2.37	\$1.77	\$1.77	Note 16
16m	TOU-PA-3	\$13,509,075	\$13,488,458	\$20,618		\$2.79	\$2.79			
16n	Street Lighting	\$5,604,566	\$5,604,566		\$0.00772					
16o	---									
17	Totals:	\$1,169,306,623	\$1,161,090,632	\$8,215,991						

19 Notes:

- 1) See Col 9 of Lines 35a, 35b, 35c, etc.
- 2) Sales forecast in total Giga-watt hours usage, represents the customers' total annual GWh usage. Based on same forecast as Gross Load forecast in Schedule 32, Line 1, but at customer meter level. Does not include Backup GWh included in Column 4 (the sum of Column 3 and 4 equals total Sales Forecast).
- 3) Backup GWh represents the amount of electric service that is provided by SCE to a customer who has an onsite generating facility during unscheduled outages of the customer's on-site generator. Only applies to TOU-8-Standby-SEC, TOU-8-Standby-PRI, TOU-8-Standby-SUB Rate Groups.
- 4) Amount of energy included in the sales forecast that is not subject to transmission charges pursuant to the California Public Utilities Commission ("CPUC") approved Net Energy Metering Program.
- 5) Sales forecast pertaining to the sum of monthly maximum supplemental Mega-watt demand, applies to demand charge schedules
- 6) Sales forecast pertaining to the sum of monthly contracted standby Mega-watt demand, applies to standby schedules
- 7) Net Forecast in total Giga-watt hours usage - represents the customers' annual Net GWh, applicable to Non-Demand Charge Schedules such as Residential or Small General Service
- 8) Recorded sales from Sample meters adjusted for population - use to set the total demand rate for the optional time-of-use schedules within the GS-1 rate group
- 9) Line 1b2, Col11 = Line 1b Col9 * Line 1b Col11 * 10^6
- 10) Total demand rate for the optional time-of-use schedules within the GS-1 rate group, Line 1b2:Col10 = Line 1b2:Col12 (which = Line 1b2:Col11 / ((Line1b:Col12 + Line1b:Col13) * 10^3)
- 11) Sum of the TOU-8 Standby and TOU-8 Non-Standby billing determinants in Line1:Col6
- 12) For TOU-8 Rates revenue = Supplemental Demand Charge on Line 9 Column 8 * Maximum Demand on Lines 1 Column 6
- 13) For optional time-of-use schedules within the GS-1 rate group (Line16b:Col6), = (Line1b2:Col11 - Line16:Col3) / Line1b:Col12 / 10^3
- 14) For the non TOU-8-Standby rate group, it is the minimum of Line16i:Col7, or the total demand rate in Line1:Col10
- 15) Applicable to time-of-use schedules within the GS-1 rate group
- 16) Applicable to the optional schedules that contain horse power charge such as PA-1
- 17) GWh for TOU-8-Standby-SEC, TOU-8-Standby-PRI, TOU-8-Standby-SUB Rate Groups are placed in TOU-8-SEC, TOU-8-PRI, TOU-8-SUB Rate Groups respectively.

20
21

22 Rate Schedules in each CPUC Rate Group:

23
24

25 CPUC Rate Group	Rate Schedules included in Each Rate Group in the Rate Effective Period
26a Domestic	Includes Schedules D, D-CARE, D-FERA, TOU-D-T, TOU-EV-1, TOU-D-TEV, DE, D-SDP, D-SDP-O, DM, DMS-1, DMS-2, DMS-3, and DS.
Domestic (con't)	D (Option CPP), D-CARE (Option CPP), TOU-D-Option A, TOU-D-Option B, TOU-D-3
26b GS-1	Includes Schedules GS-1, TOU-EV-3, and TOU-GS-1 (Option A, B, RTP, CPP, Standby, GS-APS, GS-APS-E, and ME).
26c TC-1	Includes Schedules TC-1, Wi-Fi-1, and WTR.
26d GS-2	Includes Schedules GS-2, TOU-EV-4, and TOU-GS-2 (Option A, B, R, RTP, CPP, Standby, GS-APS, GS-APS-E, and ME).
26e TOU-GS-3	Includes Schedules TOU-GS-3-CPP, and TOU-GS-3 (Option A, B, R, RTP, SOP, Standby, TOU-BIP, GS-APS, GS-APS-E, and ME).
26f TOU-8-SEC	Includes Schedules TOU-8-CPP, TOU-8-RBU, and TOU-8 (Option A, B, R, RTP, TOU-BIP, GS-APS, GS-APS-E, Backup-B, and ME).
26g TOU-8-PRI	Includes Schedules TOU-8-CPP, TOU-8-RBU, and TOU-8 (Option A, B, R, RTP, TOU-BIP, GS-APS, GS-APS-E, Backup-B, and ME).
26h TOU-8-SUB	Includes Schedules TOU-8-CPP, TOU-8-RBU, and TOU-8 (Option A, B, R, RTP, TOU-BIP, GS-APS, GS-APS-E, Backup-B, and ME).
26i TOU-8-Standby-SEC	Includes Schedules TOU-8-Standby (Option B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).
26j TOU-8-Standby-PRI	Includes Schedules TOU-8-Standby (Option A, A2, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).
26k TOU-8-Standby-SUB	Includes Schedules TOU-8-Standby (Option A, A2, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).
26l TOU-PA-2	Includes Schedules PA-1, PA-2, TOU-PA-ICE, and TOU-PA-2 (Option A, B, RTP, SOP-1, SOP-2, CPP, Standby, and AP-I).
26m TOU-PA-3	Includes Schedules TOU-PA-3-CPP, and TOU-PA-3 (Option A, B, RTP, SOP-1, SOP-2, Standby, and AP-I).
26n Street Lighting	Includes Schedules AL-2, AL-2-B, DWL, LS-1, LS-2, LS-3, LS-3-B, and OL-1.
26o ---	

27

28 Recorded 12-CP Load Data by Rate Group (MW)

30	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	
31				= Line35:(Col1+Col2 +Col3)/3			from Line1:Col3 Note 17	from Line1:Col4	= Col 7 + Col 8	Line35:(Col4*Col5 /Col6*Col9)	= Line35:(Col10/ total of Col10)	
33	CPUC Rate Group	2013	2014	2015	3-Year Average	Line losses	Recorded GWh (Average)	Standby Adjusted Sales Forecast - GWh	Backup GWh	Total Sales Forecast - GWh	Loss Adjusted Average 12-CP	12-CP Allocation factors
34	Domestic	70,485	68,997	70,775	70,085	1.0905	29,614	28,329	0	28,329	73,112	40.94%
35a	GS-1	10,516	12,145	12,889	11,850	1.0909	5,569	5,802	0	5,802	13,466	7.54%
35b	TC-1	86	85	83	85	1.0917	62	58	0	58	87	0.05%
35c	GS-2	30,349	30,524	30,626	30,500	1.0905	15,056	14,128	0	14,128	31,212	17.48%
35d	TOU-GS-3	15,670	16,197	16,184	16,017	1.0900	8,528	8,081	0	8,081	16,544	9.26%
35e	TOU-8-SEC	14,864	15,190	14,907	14,987	1.0909	8,627	8,342	0	8,342	15,810	8.85%
35f	TOU-8-PRI	9,813	9,949	9,882	9,881	1.0644	6,165	6,000	0	6,000	10,236	5.73%
35g	TOU-8-SUB	11,037	11,843	10,984	11,288	1.0315	7,842	7,578	0	7,578	11,252	6.30%
35h	TOU-8-Standby-SEC	100	101	143	115	1.0911	77	0	101	101	165	0.09%
35i	TOU-8-Standby-PRI	269	294	311	292	1.0645	212	0	231	231	338	0.19%
35j	TOU-8-Standby-SUB	450	587	631	556	1.0316	497	0	600	600	692	0.39%
35k	TOU-PA-2	3,095	3,189	3,024	3,103	1.0910	2,218	1,795	0	1,795	2,739	1.53%
35l	TOU-PA-3	1,713	1,846	1,833	1,797	1.0896	1,382	1,456	0	1,456	2,063	1.16%
35m	Street Lighting	878	812	660	783	1.0938	727	726	0	726	856	0.48%
35n	---											
36	Totals:	169,324	171,759	172,933	171,339		86,576	82,296	932	83,227	178,571	100.00%

Determination of Unfunded Reserves

Line		Reference	Col 1 Prior Year BOY Unfunded Reserves	Col 2 Prior Year EOY Unfunded Reserves	Prior Year Amount Col 3 Prior Year Average Unfunded Reserves
1					
2					
3					
4					
5					
6	Unfunded Reserves (EOY):	(Line 17, Col 2)			-\$11,279,549
7	Unfunded Reserves (Average BOY/EOY):	(Line 17, Col 3)			-\$12,414,249
8					
9					
10					
11					
12	Description of Issue				
13	Unfunded Reserves				
14	Provision for Injuries and Damages	(Line 24)	-\$9,144,880	-\$7,075,161	-\$8,110,021
15	Provision for Vac/Sick Leave	(Line 29)	-\$3,804,793	-\$3,624,314	-\$3,714,554
16	Provision for Supplemental Executive Retirement Plan	(Line 36)	-\$599,276	-\$580,074	-\$589,675
17	Totals:	(Line 14 + Line 15 + Line 16)	-\$13,548,949	-\$11,279,549	-\$12,414,249
18					
19	Calculations				
20					
21	Injuries and Damages		BOY	EOY	Average BOY/EOY
22	Injuries and Damages - Acct. 2251010	Company Records - Input (Negative)	-\$148,335,417	-\$114,763,336	
23	Transmission Wages and Salary Allocation Factor	(27-Allocators, Line 9)	6.1650%	6.1650%	
24	ISO Transmission Rate Base Applicable	(Line 22 x Line 23)	-\$9,144,880	-\$7,075,161	-\$8,110,021
25					
26	Vacation Leave				
27	Vacation and Personal Time Accruals - Acct. 2350080	Company Records - Input (Negative)	-\$61,716,010	-\$58,788,541	
28	Transmission Wages and Salary Allocation Factor	(27-Allocators, Line 9)	6.1650%	6.1650%	
29	ISO Transmission Rate Base Applicable	(Line 27 x Line 28)	-\$3,804,793	-\$3,624,314	-\$3,714,554
30					
31	Supplemental Executive Retirement Plan				
32	Supplemental Executive Retirement Plan	Company Records - Input (Negative)	-\$19,441,230	-\$18,818,284	
33	Times:	Applicable Rate Base Percentage	50%	50%	
34	Sub-Total Supplemental Executive Retirement Plan	(Line 32 x Line 33)	-\$9,720,615	-\$9,409,142	
35	Transmission Wages and Salary Allocation Factor	(27-Allocators, Line 9)	6.1650%	6.1650%	
36	ISO Transmission Rate Base Applicable	(Line 34 x Line 35)	-\$599,276	-\$580,074	-\$589,675