

# **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	\$989,629,554
Incremental Forecast Period TRR	\$104,975,210
True-Up Adjustment	\$94,152,863
Cost Adjustment	<u>\$0</u>
Base TRR (retail)	\$1,188,757,628

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	2015 Value
<b>RATE BASE</b>			
1	ISO Transmission Plant	6-PlantInService, Line 19	\$7,656,953,152
2	General Plant + Electric Miscellaneous Intangible Plant	6-PlantInService, Line 27	\$265,504,948
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	\$15,154,307
6	Prepayments	13-WorkCap, Line 36	\$5,480,479
7	Cash Working Capital	(Line 65 + Line 66) / 16	<u>\$8,217,870</u>
8	Working Capital	Line 5 + Line 6 + Line 7	\$28,852,657
<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	-\$1,305,596,554 \$0 -\$117,926,279 -\$1,423,522,833
13	Accumulated Deferred Income Taxes	Negative amount	9-ADIT, Line 5, Col. 2
14	CWIP Plant		14-IncentivePlant, L 12, Col 1
15	Other Regulatory Assets/Liabilities		23-RegAssets, Line 14
15a	Unfunded Reserves		34-UnfundedReserves, Line 6
16	Network Upgrade Credits	Negative amount	22-NUCs, Line 5
17	Rate Base		L1 + L2 + L3 + L4 + L8 + L12 + L13 + L14+ L15+ L15a + L16
<b>OTHER TAXES</b>			
18	Sub-Total Local Taxes	Row 39, Column i	FF1 263.2 (see note to left)
19	Transmission Plant Allocation Factor		27-Allocators, Line 22
20	Property Taxes		Line 18 * Line 19
21	Payroll Taxes Expense		
22	FICA		Line 23 + Line 24+ Line 25
23	Fed Ins Cont Amt -- Current	Row 6, Column i minus	
24	FICA/OASDI Emp Incntv.	Row12, Column i	FF1 263 (see note to left)
25	FICA/HIT Emp Incntv.	Row 8, Column i	FF1 263 (see note to left)
26	CA SUI Current	Row 9, Column i	FF1 263 (see note to left)
27	Fed Unemp Tax Act- Current	Row 24, Column i	FF1 263 (see note to left)
28	CADI Vol Plan Assess	Row 10, Column i	FF1 263 (see note to left)
29	SF Pysl Exp Tx - SCE	Row 40, Column i	FF1 263.1 (see note to left)
30	Total Electric Payroll Tax Expense	Row 38, Column i	FF1 263.1 (see note to left)
31	Capitalized Overhead portion of Electric Payroll Tax Expense		Line 22 + (Line 26 to Line 29)
32	Remaining Electric Payroll Tax Expense to Allocate		26-TaxRates, Line 51
33	Transmission Wages and Salaries Allocation Factor		Line 30 - Line 31
34	Payroll Taxes Expense		27-Allocators, Line 9
35	Other Taxes		Line 32 * Line 33

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Cells shaded yellow are input cells

Formula Transmission Rate

Line	Notes	FERC Form 1 Reference or Instruction	2015 Value
<b>RETURN AND CAPITALIZATION CALCULATIONS</b>			
<u>Debt</u>			
36	Long Term Debt Amount	5-ROR-1, Line 8	\$10,643,527,582
37	Cost of Long Term Debt	5-ROR-1, Line 16	\$500,177,494
38	Long Term Debt Cost Percentage	5-ROR-1, Line 17	4.6994%
<u>Preferred Stock</u>			
39	Preferred Stock Amount	5-ROR-1, Line 21	\$2,049,269,048
40	Cost of Preferred Stock	5-ROR-1, Line 25	\$115,309,021
41	Preferred Stock Cost Percentage	5-ROR-1, Line 26	5.6268%
<u>Equity</u>			
42	Common Stock Equity Amount	5-ROR-1, Line 32	\$11,624,170,090
43	Total Capital	Line 36 + Line 39 + Line 42	\$24,316,966,720
<u>Capital Percentages</u>			
44	Long Term Debt Capital Percentage	Line 36 / Line 43	43.7700%
45	Preferred Stock Capital Percentage	Line 39 / Line 43	8.4273%
46	Common Stock Capital Percentage	Line 42 / Line 43	<u>47.8027%</u>
<u>Annual Cost of Capital Components</u>			
47	Long Term Debt Cost Percentage	Line 38	4.6994%
48	Preferred Stock Cost Percentage	Line 41	5.6268%
49	Return on Common Equity	Note 1 SCE Return on Equity	9.80%
<u>Calculation of Cost of Capital Rate</u>			
50	Weighted Cost of Long Term Debt	Line 38 * Line 44	2.0569%
51	Weighted Cost of Preferred Stock	Line 41 * Line 45	0.4742%
52	Weighted Cost of Common Stock	Line 46 * Line 49	<u>4.6847%</u>
53	Cost of Capital Rate	Line 50 + Line 51 + Line 52	7.2158%
54	Equity Rate of Return Including Common and Preferred Stock	Used for Tax calculation Line 51 + Line 52	5.1589%
55	Return on Capital: Rate Base times Cost of Capital Rate	Line 17 * Line 53	\$395,642,570
<b>INCOME TAXES</b>			
56	Federal Income Tax Rate	26-Tax Rates, Line 1	35.0000%
57	State Income Tax Rate	26-Tax Rates, Line 8	8.8534%
58	Composite Tax Rate	= F + [S * (1 - F)] (L56 + L57) - (L56 * L57)	40.7547%
<u>Calculation of Credits and Other:</u>			
59	Amortization of Excess Deferred Tax Liability	Note 2	\$200
60	Investment Tax Credit Flowed Through	Note 2	-\$520,000
61	South Georgia Income Tax Adjustment	Note 2	<u>\$2,606,000</u>
62	Credits and Other	Line 59 + Line 60+ Line 61	\$2,086,200
63	Income Taxes:	Formula on Line 64	\$200,091,357
64	Income Taxes = [((RB * ER) + D) * (CTR/(1 - CTR))] + CO/(1 - CTR)		
Where:			
	RB = Rate Base	Line 17	
	ER = Equity Rate of Return Including Common and Preferred Stock	Line 54	
	CTR = Composite Tax Rate	Line 58	
	CO = Credits and Other	Line 62	
	D = Book Depreciation of AFUDC Equity Book Basis	SCE Records	\$2,892,817

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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>2015 Value</u>
<b>PRIOR YEAR TRANSMISSION REVENUE REQUIREMENT</b>			
<u>Component of Prior Year TRR:</u>			
65		19-OandM, Line 137, Col. 6	\$80,137,735
66		20-AandG, Line 23	\$51,348,188
67		22-NUCs, Line 10	\$1,403,660
68		17-Depreciation, Line 70	\$216,844,557
69		12-AbandonedPlant, Line 1	\$0
70		Line 35	\$53,583,285
71	Negative amount	21-Revenue Credits, Line 44	-\$55,077,035
72		Line 55	\$395,642,570
73		Line 63	\$200,091,357
74	Gain negative, loss positive	11-PHFU, Line 10	\$0
75		23-RegAssets, Line 16	\$0
76		15-IncentiveAdder, Line 14	<u>\$34,294,289</u>
77		Sum of Lines 65 to 76	\$978,268,607
78		L 77 * FF Factor (28-FFU, L 5)	\$9,005,629
79		L 77 * U Factor (28-FFU, L 5)	\$2,355,318
80		Line 77 + Line 78+ Line 79	\$989,629,554
<b>TOTAL BASE TRANSMISSION REVENUE REQUIREMENT</b>			
<u>Calculation of Base Transmission Revenue Requirement</u>			
81		Line 80	\$989,629,554
82		2-IFPTRR, Line 82	\$104,975,210
83		3-TrueUpAdjust, Line 62	\$94,152,863
84	Initial Prior Year?: <b>No</b> If Initial Prior Year, enter "Yes", else "No"		
85	Cost Adjustment Note 4		
86	Base Transmission Revenue Requirement (Retail) For Retail Purposes	L 81 + L 82 + L 83 + L 85	\$1,188,757,628
<u>Wholesale Base Transmission Revenue Requirement</u>			
87	Base TRR (Retail)	Line 86	\$1,188,757,628
88	Wholesale Difference to the Base TRR	25-WholesaleDifference, Line 44	<u>-\$6,176,100</u>
89	Wholesale Base Transmission Revenue Requirement	Line 87 + Line 88	\$1,182,581,528

**Notes:**

1) 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 link  
Order approving revised ROE: [redacted]

2) No change in "Credits and Other" terms will be made absent a filing at the Commission

3) The True Up Adjustment for the initial Base TRR is \$0.

4) 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:	2.057%	1-BaseTRR, Line 50
13	Wtd. Cost of Common + Pref. Stock:	5.159%	1-BaseTRR, Line 54
14	Composite Tax Rate:	40.755%	1-BaseTRR, Line 58
15			
16	AFCRCWIP =	10.765%	Line 12 + (Line 13 * (1/(1 - 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  $AFCR = (Prior\ Year\ TRR - CWIP-related\ costs) / Net\ Plant$

24  
25 **Determination of Net Plant:**

			<u>Reference</u>
26			
27	Transmission Plant - ISO:	\$7,656,953,152	6-PlantInService, Line 13
28	Distribution Plant - ISO:	\$0	6-PlantInService, Line 16
29	Transmission Dep. Reserve - ISO:	\$1,305,596,554	8-AccDep, Line 13
30	Distribution Dep. Reserve - ISO:	\$0	8-AccDep, Line 16
31	Net Plant:	\$6,351,356,599	(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:	\$296,606,973	10-CWIP, L 13 C1
38	AFCRCWIP:	10.765%	Line 16
39	Direct CWIP Related Costs:	\$31,928,360	Line 37 * Line 38

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

42	IREF:	\$8,069	15-IncentiveAdder, Line 3
43			
44	Tehachapi CWIP Amount:	\$225,689,500	10-CWIP, Line 13
45	Tehachapi ROE Adder %:	1.25%	15-IncentiveAdder, Line 5
46	Tehachapi ROE Adder \$:	\$2,276,251	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  $ROE\ Adder\ \$ = (CWIP/\$1,000,000) * IREF * (ROE\ Adder/1\%)$

53			
54	CWIP Related Costs wo FF&U:	\$34,204,611	Line 39 + Line 46 + Line 50
55	FF&U Expenses:	\$397,229	(28-FFU, L5 FF Factor + U Factor) * L54
56	CWIP Related Costs with FF&U:	\$34,601,840	Line 54 + Line 55

57

58 **b) Determination of AFCR:**

59			
60	CWIP Related Costs wo FF&U:	\$34,204,611	Line 54
61	Prior Year TRR wo FF&U:	\$978,268,607	1-BaseTRR, Line 77
62	Prior Year TRR wo CWIP Related Costs:	\$944,063,996	Line 61 - Line 60
63	75% of O&M and A&G in Prior Year TRR:	\$98,614,443	(1-BaseTRR, Line 65 + Line 66) * .75
64	AFCR:	13.311%	(Line 62 - Line 63) / Line 31
65			

66 **2) Calculation of IFP TRR**

67			
68			<u>Reference</u>
69	Forecast Plant Additions:	\$863,545,245	16-PlantAdditions, L 25, C10
70	AFCR:	13.311%	Line 64
71	AFCR * Forecast Plant Additions:	\$114,949,292	Line 69 * Line 70
72			
73	Forecast Period Incremental CWIP:	-\$103,852,112	10-CWIP, L 54, C8
74	AFCRCWIP:	10.765%	Line 16
75	AFCRCWIP * FP Incremental CWIP:	-\$11,179,196	Line 73 * Line 74
76			
77	IFPTRR without FF&U:	\$103,770,095	Line 71 + Line 75
78			
79	Franchise Fees Expense:	\$955,274	Line 77 * FF (from 28-FFU, L 5)
80	Uncollectibles Expense:	\$249,841	Line 77 * U (from 28-FFU, L 5)
81			
82	Incremental Forecast Period TRR:	\$104,975,210	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). If formula was not in effect in Prior Year, do not populate Column 2 or 3, Lines 11 to 22.
- 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) Continue interest calculation through the end of the previous Rate Effective Period (Line 31).
- e) Amortize this ending balance from (d) over the current Rate Effective Period so that the ending balance on Line 54 is equal to \$0.

2) Comparison of True Up TRR and Actual Retail Transmission Revenues received during the Prior Year, Including previous year True Up Adjustment.

Line	True Up TRR: \$970,404,005 Source: From 4-TUTRR, Line 45									
	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	
	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	
				One-Time and			Cumulative			
			Actual	Previous	Monthly	Monthly	Excess (-) or			Cumulative
		Monthly	Retail Base	Period	Excess (-) or	Interest	Shortfall (+)	Interest		Excess (-) or
		True Up	Transmission	True Up	Shortfall (+)	Rate	in Revenue	for Current		Shortfall (+)
	Month	TRR	Revenues	Adjustment	in Revenue		wo Interest for	Month		with Interest
	Year						Current Month			
11	January	2015	\$80,867,000	\$71,368,096	-\$275,147	\$9,223,757	0.27%	\$9,223,757	\$12,452	\$9,236,209
12	February	2015	\$80,867,000	\$58,478,445		\$22,388,555	0.27%	\$31,624,765	\$55,162	\$31,679,927
13	March	2015	\$80,867,000	\$70,638,297		\$10,228,703	0.27%	\$41,908,630	\$99,345	\$42,007,974
14	April	2015	\$80,867,000	\$67,346,374		\$13,520,627	0.27%	\$55,528,601	\$131,674	\$55,660,275
15	May	2015	\$80,867,000	\$67,987,566		\$12,879,434	0.27%	\$68,539,710	\$167,670	\$68,707,380
16	June	2015	\$80,867,000	\$79,316,787		\$1,550,213	0.27%	\$70,257,593	\$187,603	\$70,445,196
17	July	2015	\$80,867,000	\$85,676,497		-\$4,809,497	0.27%	\$65,635,699	\$183,709	\$65,819,408
18	August	2015	\$80,867,000	\$98,171,367		-\$17,304,367	0.27%	\$48,515,041	\$154,352	\$48,669,393
19	September	2015	\$80,867,000	\$89,850,788		-\$8,983,788	0.27%	\$39,685,605	\$119,279	\$39,804,885
20	October	2015	\$80,867,000	\$75,216,186		\$5,650,815	0.27%	\$45,455,699	\$115,102	\$45,570,801
21	November	2015	\$80,867,000	\$62,877,512		\$17,989,488	0.27%	\$63,560,289	\$147,327	\$63,707,616
22	December	2015	\$80,867,000	\$68,408,042		\$12,458,958	0.27%	\$76,166,574	\$188,830	\$76,355,404
23	January	2016	---	---	\$1,110,176	\$1,110,176	0.27%	\$77,465,581	\$207,658	\$77,673,239
24	February	2016	---	---	\$1,110,176	\$1,110,176	0.27%	\$78,783,415	\$211,216	\$78,994,632
25	March	2016	---	---	\$1,110,176	\$1,110,176	0.27%	\$80,104,808	\$214,784	\$80,319,592
26	April	2016	---	---	\$1,110,176	\$1,110,176	0.29%	\$81,429,768	\$234,537	\$81,664,305
27	May	2016	---	---	\$1,110,176	\$1,110,176	0.29%	\$82,774,481	\$238,436	\$83,012,917
28	June	2016	---	---	\$1,110,176	\$1,110,176	0.29%	\$84,123,093	\$242,347	\$84,365,440
29	July	2016	---	---	\$1,110,176	\$1,110,176	0.29%	\$85,475,617	\$246,270	\$85,721,886
30	August	2016	---	---	\$1,110,176	\$1,110,176	0.29%	\$86,832,062	\$250,203	\$87,082,265
31	September	2016	---	---	\$1,110,176	\$1,110,176	0.29%	\$88,192,442	\$254,148	\$88,446,590
32	October	2016	---	---	\$1,110,176	\$1,110,176	0.29%	\$89,556,766	\$258,105	\$89,814,871
33	November	2016	---	---	\$1,110,176	\$1,110,176	0.29%	\$90,925,047	\$262,073	\$91,187,120
34	December	2016	---	---	\$1,110,176	\$1,110,176	0.29%	\$92,297,296	\$266,052	\$92,563,349
35										

36 3) Amortization of December balance over Rate Effective Period:

37		<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>
38			See Note 8	See Note 9	See Note 10	=C3 + C4	See Note 11	=C5 + C6	= - C4
39						<b>Month</b>			<b>True Up</b>
40			<b>Monthly</b>	<b>Month</b>		<b>Ending</b>	<b>Interest</b>	<b>Month</b>	<b>Adjustment</b>
41			<b>Interest</b>	<b>Beginning</b>		<b>Balance</b>	<b>for Current</b>	<b>Ending</b>	<b>Received (+)/</b>
42		<b>Year</b>	<b>Rate</b>	<b>Balance</b>	<b>Amortization</b>	<b>wo Interest</b>	<b>Month</b>	<b>Balance</b>	<b>Returned (-)</b>
43	January	2017	0.29%	\$92,563,349	-\$7,846,072	\$84,717,277	\$252,625	\$84,969,901	\$7,846,072
44	February	2017	0.29%	\$84,969,901	-\$7,846,072	\$77,123,830	\$230,984	\$77,354,813	\$7,846,072
45	March	2017	0.29%	\$77,354,813	-\$7,846,072	\$69,508,741	\$209,281	\$69,718,022	\$7,846,072
46	April	2017	0.29%	\$69,718,022	-\$7,846,072	\$61,871,950	\$187,516	\$62,059,465	\$7,846,072
47	May	2017	0.29%	\$62,059,465	-\$7,846,072	\$54,213,394	\$165,689	\$54,379,082	\$7,846,072
48	June	2017	0.29%	\$54,379,082	-\$7,846,072	\$46,533,010	\$143,800	\$46,676,810	\$7,846,072
49	July	2017	0.29%	\$46,676,810	-\$7,846,072	\$38,830,738	\$121,848	\$38,952,586	\$7,846,072
50	August	2017	0.29%	\$38,952,586	-\$7,846,072	\$31,106,515	\$99,834	\$31,206,349	\$7,846,072
51	September	2017	0.29%	\$31,206,349	-\$7,846,072	\$23,360,277	\$77,757	\$23,438,034	\$7,846,072
52	October	2017	0.29%	\$23,438,034	-\$7,846,072	\$15,591,962	\$55,618	\$15,647,580	\$7,846,072
53	November	2017	0.29%	\$15,647,580	-\$7,846,072	\$7,801,508	\$33,415	\$7,834,923	\$7,846,072
54	December	2017	0.29%	\$7,834,923	-\$7,846,072	-\$11,149	\$11,149	\$0	\$7,846,072
55					-\$94,152,863		Shortfall or Excess Revenue in Prior Year:		\$94,152,863
56									
57									
58									
59									
60									
61	Shortfall or Excess Revenue in Prior Year:								
62	True Up Adjustment:								
63									
64									
65									
66									
67									
68									

Total Amortization in Rate Effective Period (See Instruction #4): -\$94,152,863

59 4) True Up Adjustment

60			<u>Notes:</u>
61	Shortfall or Excess Revenue in Prior Year:	\$94,152,863	Column 8, Line 55
62	True Up Adjustment:	\$94,152,863	Line 61. 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).

64 5) Final True Up Adjustment

65 The Final True Up Adjustment begins on the month after the last True Up Adjustment and extends through the termination date of  
66 this formula transmission rate.  
67 The Final True Up Adjustment shall be calculated as above, with interest to the termination date of the Formula Transmission Rate.  
68

69 Partial Year TRR Attribution Allocation Factors:

70	Month	Partial Year TRR AAF	Note:
71	January	6.376%	See Note 2.
72	February	5.655%	
73	March	7.183%	
74	April	8.224%	
75	May	8.018%	
76	June	8.945%	
77	July	9.891%	
78	August	10.141%	
79	September	10.218%	
80	October	9.179%	
81	November	7.530%	
82	December	8.640%	
83	Total:	100.000%	

86 Transmission Revenues: (Note 12)

87	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	
88	See Note 13	See Note 14					Sum of left	
89								
90								
91	Prior Year	Actual Retail Base					Monthly Total	
92		Transmission	Other		Public Purpose	Other	Retail	
93		Revenues	Transmission	Distribution	Generation		Revenue	
94	Jan	\$71,368,096	-\$2,759,037	\$327,958,776	\$407,790,840	\$8,496,683	\$102,348,047	\$915,203,406
95	Feb	\$58,478,445	-\$1,502,395	\$283,167,266	\$361,333,726	\$9,472,488	\$49,496,814	\$760,446,344
96	Mar	\$70,638,297	-\$1,848,879	\$336,154,045	\$417,021,129	\$6,004,258	\$58,981,218	\$886,950,067
97	Apr	\$67,346,374	-\$1,813,518	\$183,968,427	\$384,766,950	\$7,579,474	\$54,222,907	\$696,070,614
98	May	\$67,987,566	-\$1,717,782	\$307,273,966	\$394,028,233	\$8,388,950	\$56,680,726	\$832,641,660
99	Jun	\$79,316,787	\$1,381,983	\$362,441,313	\$753,999,935	\$3,093,195	\$68,014,792	\$1,268,248,005
100	Jul	\$85,676,497	\$1,237,284	\$366,760,565	\$788,636,502	\$20,956,818	\$74,984,529	\$1,338,252,195
101	Aug	\$98,171,367	\$1,404,287	\$420,135,716	\$911,683,629	\$40,260,720	\$82,952,693	\$1,554,608,413
102	Sep	\$89,850,788	\$1,160,513	\$393,108,347	\$830,579,969	\$51,973,700	\$76,937,550	\$1,443,610,867
103	Oct	\$75,216,186	\$1,172,725	\$236,283,792	\$426,689,016	\$43,283,107	\$66,463,106	\$849,107,932
104	Nov	\$62,877,512	\$1,158,168	\$289,661,495	\$369,798,262	\$17,708,432	\$52,210,560	\$793,414,429
105	Dec	\$68,408,042	\$967,693	\$340,438,345	\$388,096,679	\$11,099,083	\$57,953,058	\$866,962,900
106	Totals:	\$895,335,959	-\$1,158,957	\$3,847,352,053	\$6,434,424,871	\$228,316,907	\$801,246,000	\$12,205,516,833

107  
108  
109 "Total Sales to Ultimate Consumers" from FERC Form 1 Page 300, Line 10, Column b: **\$12,205,516,833**

**Instructions:**

- 1) Enter applicable years on Column 1, Lines 11-34 and 43-54.
- 2) Enter Previous Period True Up Adjustment (if any) on Column 4, Lines 23-34. See Note 4 for definition of Previous Period True Up Adjustment. Enter with the same sign as in previous Informational Update. If there is no Previous Period True Up Adjustment, then enter \$0 in these cells.
- 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 11 to 34, Column 6. If interest rate for any months not known, use most recent known month.
- 4) Enter "Total Amortization" amount on Line 57, column 6 to set September Month Ending Balance Column 7, Line 54 equal to \$0. Iterate if necessary to solve. (i.e., so that the Month Beginning Balance in Column 3, Line 43 is completely amortized away by the Amortization amounts in Column 4). This instruction requires that the amount on Line 57 Column 6 be calculated so that any over or under collection at the beginning of the Rate Effective Period is completely amortized over the following 12 months, as reflected by the Line 54, Column 7 amount being equal to zero. It may be necessary to iterate for the formula to calculate the correct value in that cell, which can be accomplished in Excel using the Goal Seek function.
- 5) Enter any One Time Adjustments on Column 4, Line 11 (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) Enter CWIP mechanism final balance in first True Up Adjustment calculation in accordance with tariff protocols.
  - b) In the event that a Commission Order revises SCE's True Up TRR for a previous Prior Year, SCE shall also include that difference in the True Up Adjustment, including interest, at the first opportunity, in accordance with tariff protocols. Entering on Line 11 (or other appropriate) ensures these One Time Adjustments are recovered from or returned to customers.
  - c) 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.
  - d) Amounts resulting from input errors impacting the True Up TRR in a previous Formula Rate filing pursuant to Protocol Section 3(d)(8).
- 6) Fill in matrix of all retail revenues from Prior Year in table on lines 95 to 106.
- 7) Enter Total Sales to Ultimate Consumers on line 109 and verify that it equals the total on line 107.
- 8) If true up period is less than entire calendar year, then adjust calculation accordingly by including \$0 Monthly True Up TRR and for 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 72 to 83 for each month of Partial Year True Up. Only enter in the Prior Year, Lines 11 to 22, 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 95 to 106, Column 1.
- 4) The "Previous Period True Up Adjustment" are the values of the "True Up Adjustment Received/Returned" in the previous Informational Filing (Same sign). These are the 12 monthly values of the "True Up Adjustment Received/Returned" in Column 8, Lines 43 -54 from the previous Informational Filing, They are input into Column 4, lines 23-34 of this current Informational Filing, corresponding to the Rate Effective Period of the previous Informational Filing. In the event that the Formula Rate timelines in effect during the previous Informational Filing differ from this Informational Filing, enter the Previous Period True Up Adjustment in this Informational Filing on the lines corresponding to the Rate Effective Period from the previous Informational Filing. One Time True Up Adjustment amounts (see Instruction #5) attributable to a previous Prior Year are entered on Column 4, Line 11 (or other appropriate).
- 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 wo Interest for Current Month" is: 1) in month 1, the amount in Column 5; and 2) in subsequent months is the amount in Column 9 for previous month plus the current month 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). (First month average is 1/2 of ending balance).
- 8) The Interest Rate in Rate Effective Period is equal to average of interest rates in previous 12 months (lines 23-34).
- 9) The "Month Beginning Balance" is Month Ending Balance from previous month in Column 7 (January is from Column 9, Line 34).
- 10) Amortization equals amount in Line 57 divided by 12 each month. See Instruction #4 also for further detail.
- 11) Interest for Current Month is calculated on average of beginning and end balances (wo interest) in Columns 3 and 5.
- 12) Only provide if formula was in effect during Prior Year.
- 13) 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.
- 14) 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	\$7,336,413,007
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$271,002,344
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	\$0
<u>Working Capital Amounts</u>					
5	Materials and Supplies	13-Month Avg.		13-WorkCap, Line 17	\$15,799,394
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$5,078,537
7	Cash Working Capital	1/16 (O&M + A&G)		1-Base TRR Line 7	<u>\$8,217,870</u>
8	Working Capital			Line 5 + Line 6 + Line 7	\$29,095,802
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,246,085,089
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>-\$117,688,389</u>
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$1,363,773,478
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT, Line 15	-\$1,289,560,179
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 12, C2	\$378,577,965
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 9	-\$31,931,714
15a	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$14,932,517
16	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
17	Rate Base			L1+L2+L3+L4+L8+L12+ L13+L14+L15+L15a+L16	\$5,324,833,385

B) Return on Capital

<u>Line</u>					
18	Cost of Capital Rate		See Instruction 1	Instruction 1, Line j	7.2158%
19	Return on Capital: Rate Base times Cost of Capital Rate			Line 17 * Line 18	\$384,227,466

C) Income Taxes

20	Income Taxes = $(((RB * ER) + D) * (CTR / (1 - CTR))) + CO / (1 - CTR)$				\$194,477,320
----	---	--	--	--	---------------

Where:

21	RB = Rate Base			Line 17	\$5,324,833,385
22	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1		Instruction 1, Line k	5.1589%
23	CTR = Composite Tax Rate			1-Base TRR L 58	40.7547%
24	CO = Credits and Other			1-Base TRR L 62	\$2,086,200
25	D = Book Depreciation of AFUDC Equity Book Basis			1-Base TRR L 64	\$2,892,817

**D) True Up TRR Calculation**

26	O&M Expense	1-Base TRR L 65	\$80,137,735
27	A&G Expense	1-Base TRR L 66	\$51,348,188
27a	PBOPs True Up TRR Adjustment	35-PBOPs L 14	-\$1,127,553
28	Network Upgrade Interest Expense	1-Base TRR L 67	\$1,403,660
29	Depreciation Expense	1-Base TRR L 68	\$216,844,557
30	Abandoned Plant Amortization Expense	1-Base TRR L 69	\$0
31	Other Taxes	1-Base TRR L 70	\$53,583,285
32	Revenue Credits	1-Base TRR L 71	-\$55,077,035
33	Return on Capital	Line 19	\$384,227,466
34	Income Taxes	Line 20	\$194,477,320
35	Gains and Losses on Transmission Plant Held for Future Use -- Land	1-Base TRR L 74	\$0
36	Amortization and Regulatory Debits/Credits	1-Base TRR L 75	\$0
37	Total without True Up Incentive Adder	Sum Line 26 to Line 36	\$925,817,624
38	True Up Incentive Adder	15-IncentiveAdder L 20	\$33,446,143
39	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Line 37 + Line 38	\$959,263,767

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

<u>Line</u>			<u>Reference:</u>
40	True Up TRR wo FF:	\$959,263,767	Line 39
41	Franchise Fee Factor:	0.921%	28-FFU, L 5
42	Franchise Fee Expense:	\$8,830,676	Line 40 * Line 41
43	Uncollectibles Expense Factor:	0.241%	28-FFU, L 5
44	Uncollectibles Expense:	\$2,309,562	Line 42 * Line 43
45	True Up TRR:	\$970,404,005	L 40 + L 42 + L 44

**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 18 and the "Equity Rate of Return Including Preferred Stock" on Line 22 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%	1-Base TRR L 49	Jan 1, 2015	Dec 31, 2015	365
b ROE start of Prior Year	9.80%	See Line e below			
c				Total days in year:	365
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	2.0569%	1-Base TRR L 50
h Wtd. Cost of Preferred Stock	0.4742%	1-Base TRR L 51
i Wtd. Cost of Common Stock	4.6847%	1-Base TRR L 46 * Line d
j Cost of Capital Rate	7.2158%	Sum of Lines f to h

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

	<u>Percentage</u>	<u>Reference:</u>
k	5.1589%	Sum of Lines g to h

2) Beginning with the True Up Adjustment calculation for 2012 utilizing the True Up TRR for 2012, exclude from CWIP recovery the capital cost of facilities that were purchased for the portion of Tehachapi Segment 8 near the Chino Airport, but due to the April 25, 2011 Notice of Presumed Hazard issued to SCE by the FAA are not used in the construction of Tehachapi or in any other CWIP incentive project. Additionally, SCE will permanently exclude from Plant In Service, Rate Base, and transmission rates these capital costs if the facilities are not used in the construction of any SCE transmission project.

Calculation of Components of Cost of Capital Rate

Cells shaded yellow are input cells

	Notes	FERC Form 1 Reference or Instruction	2015 Value	
<b>RETURN AND CAPITALIZATION CALCULATIONS</b>				
<u>Calculation of Long Term Debt Amount</u>				
1	Bonds -- Account 221	13-month avg.	5-ROR-2, Line 1	\$10,487,314,725
2	Less Reacquired Bonds -- Account 222	13-month avg.	5-ROR-2, Line 2	-\$70,166,154
2a	Long Term Debt Advances from Associated Companies -- Account 223	13-month avg.	5-ROR-2, Line 2a	\$0
3	Other Long Term Debt -- Account 224	13-month avg.	5-ROR-2, Line 3	\$226,379,011
4	Not Used			
5	Not Used			
6	Not Used			
7	Not Used			
8	Long Term Debt Amount	L1 + L2 + L2a + L3		<u>\$10,643,527,582</u>
<u>Calculation of Cost of Long-Term Debt</u>				
9	Interest on Long-Term Debt -- Account 427		FF1 117.62c	\$472,179,700
10	Amortization of Debt Discount and Expense -- Account 428		FF1 117.63c	\$27,997,794
11	Amortization of Loss on Reacquired Debt -- Account 428.1		FF1 117.64c	\$0
12	Less Amortization of Premium on Debt -- Account 429	Enter negative	FF1 117.65c	\$0
13	Less Amort. of Gain on Reacquired Debt -- Account 429.1	Enter negative	FF1 117.66c	\$0
13a	Interest on Debt to Associated Companies -- Account 430		FF1 117.67c	\$0
14	Not Used			
15	Not Used			
16	Cost of Long Term Debt	Sum of Lines 9 to 13a		<u>\$500,177,494</u>
17	Long-Term Debt Cost Percentage	Line 16 / Line 8		4.6994%
<u>Calculation of Preferred Stock Amount</u>				
18	Preferred Stock Amount -- Account 204	13-month avg.	5-ROR-2, Line 18	\$2,095,038,796
19	Unamortized Issuance Costs	13-month avg.	5-ROR-2, Line 19	-\$44,825,915
20	Net Gain (Loss) From Purchase and Tender Offers	13-month avg.	5-ROR-2, Line 20	-\$943,834
21	Preferred Stock Amount		Sum of Lines 18 to 20	<u>\$2,049,269,048</u>
<u>Calculation of Cost of Preferred Stock</u>				
22	Cost of Preferred Stock -- Account 437	Enter positive	FF1 118.29c	\$112,634,891
23	Amortization of Net Gain (Loss) From Purchases and Tender Offers		See Note 3	\$205,468
24	Amortization Issuance Costs		See Note 4	<u>\$2,468,662</u>
25	Cost of Preferred Stock -- Account 437		Sum of Lines 22 to 24	<u>\$115,309,021</u>
26	Preferred Stock Cost Percentage	Line 25 / Line 21		5.6268%
<u>Calculation of Common Stock Equity Amount</u>				
27	Total Proprietary Capital	13-month avg.	5-ROR-2, Line 27	\$13,696,414,266
28	Less Preferred Stock Amount -- Account 204	Same as L 18, but negative	5-ROR-2, Line 18	-\$2,095,038,796
29	Minus Net Gain (Loss) From Purchase and Tender Offers	Same as L 20, but reverse sign	See Note 5	\$943,834
30	Less Unappropriated Undist. Sub. Earnings -- Acct. 216.1	13-month avg.	5-ROR-2, Line 30	-\$3,390,876
31	Less Accumulated Other Comprehensive Loss -- Account 219	13-month avg.	5-ROR-2, Line 31	<u>\$25,241,661</u>
32	Common Stock Equity Amount		Sum of Lines 27 to 31	<u>\$11,624,170,090</u>

**Notes:**

- 1) Not Used
- 2) Not Used
- 3) Total annual amortization associated with events listed in note 10 on 5-ROR-2.
- 4) Total annual amortization associated with preferred equity issues listed in note 9 on 5-ROR-2.
- 5) Negative of Line 20, charge to common equity reversed for ratemaking.



Calculation of 13-Month Average Capitalization Balances

Year	2015	Col 1 13-Month Avg.	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
Line	Item	= Sum (Cols. 2-14)/13													
<b>Bonds -- Account 221 (Note 1):</b>															
1	\$10,487,314,725	\$9,814,400,000	\$10,814,400,000	\$10,414,400,000	\$10,714,400,000	\$10,544,940,000	\$10,544,940,000	\$10,544,940,000	\$10,544,940,000	\$10,544,940,000	\$10,505,654,286	\$10,505,654,286	\$10,505,654,286	\$10,505,654,286	\$10,375,114,286
<b>Reacquired Bonds -- Account 222 (Note 2): enter - of FF1</b>															
2	-\$70,166,154	-\$160,540,000	-\$160,540,000	-\$160,540,000	-\$160,540,000	-\$160,540,000	-\$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
<b>Long Term Debt Advances from Associated Companies (Note 2a):</b>															
2a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other Long Term Debt -- Account 224 (Note 3):</b>															
3	\$226,379,011	\$306,739,959	\$306,735,258	\$306,730,538	\$306,725,797	\$176,181,036	\$176,176,256	\$176,171,455	\$176,166,646	\$176,161,804	\$176,156,943	\$176,152,060	\$176,147,157	\$306,682,234	
4	NOT USED														
5	NOT USED														
6	NOT USED														
7	NOT USED														
<b>Preferred Stock Amount -- Account 204 (Note 8):</b>															
18	\$2,095,038,796	\$2,070,034,950	\$2,070,034,950	\$2,070,034,950	\$2,070,034,950	\$2,070,034,950	\$2,070,034,950	\$2,070,034,950	\$2,070,034,950	\$2,070,034,950	\$2,395,044,950	\$2,070,044,950	\$2,070,044,950	\$2,070,044,950	\$2,070,044,950
<b>Unamortized Issuance Costs (Note 9): enter negative</b>															
19	-\$44,825,915	-\$43,556,069	-\$43,347,432	-\$43,138,795	-\$42,930,158	-\$42,721,521	-\$42,512,884	-\$42,304,247	-\$42,095,610	-\$48,554,433	-\$48,290,234	-\$48,026,034	-\$47,761,835	-\$47,497,636	
<b>Net Gain (Loss) From Purchase and Tender Offers Note 10):</b>															
20	-\$943,834	-\$1,046,568	-\$1,029,446	-\$1,012,323	-\$995,201	-\$978,079	-\$960,956	-\$943,834	-\$926,712	-\$909,589	-\$892,467	-\$875,345	-\$858,223	-\$841,100	
<b>Total Proprietary Capital (Note 11):</b>															
27	\$13,696,414,266	\$13,282,111,033	\$13,390,752,147	\$13,324,957,398	\$13,431,880,996	\$13,522,584,719	\$13,631,784,009	\$13,669,018,307	\$13,795,555,584	\$14,162,231,951	\$13,924,242,648	\$14,061,829,926	\$14,184,437,501	\$13,671,999,240	
<b>Unappropriated Undist. Sub. Earnings -- Acct. 216.1 (Note 12): enter - of FF1</b>															
30	-\$3,390,876	-\$5,697,001	-\$5,697,279	-\$5,697,880	-\$5,697,756	-\$5,697,886	-\$5,931,244	-\$5,842,320	-\$5,962,987	-\$5,963,653	\$2,026,219	\$2,026,802	\$2,026,802	\$2,026,801	
<b>Accumulated Other Comprehensive Loss -- Account 219 (Note 13): enter - of FF1</b>															
31	\$25,241,661	\$28,166,048	\$27,581,544	\$26,128,513	\$26,732,687	\$25,930,979	\$25,295,715	\$25,504,802	\$24,688,774	\$24,833,065	\$24,904,359	\$23,463,249	\$22,779,004	\$22,132,856	

**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.
- 2) **NOT USED**
- 3) Update notes 9 and 10 as necessary.

**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.
- 2a) 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.
- 3) 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.
- 4) **NOT USED**
- 5) **NOT USED**
- 6) **NOT USED**
- 7) **NOT USED**
- 8) 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.
- 9) Amounts in columns 2-14 are from SCE internal records.

List associated securities, Face Amount, Issuance Date, Issuance Costs, Amortization Period, and Annual Amortization:

<u>Issue</u>	<u>Face Amount</u>	<u>Issuance Date</u>	<u>Issuance Costs</u>	<u>Amortization Period (Years)</u>	<u>Annual Amortization</u>	<u>Notes</u>
Series D Pref., 6.500%	\$125,000,000	3/10/11	\$2,577,363	30	\$85,912	
Series E Pref., 6.250%	\$350,000,000	1/17/12	\$5,957,289	10	\$595,729	
Series F Pref., 5.625%	\$475,000,000	5/17/12	\$15,401,698	30	\$513,390	
Series G Pref., 5.100%	\$400,000,000	1/29/13	\$12,972,286	30	\$432,410	
Series H, Pref., 5.75%	\$275,000,000	3/6/14	\$6,272,358	10	\$627,236	
Series J., Pref., 5.375%	\$325,000,000	8/24/15	\$6,419,578	10	\$213,986	Four months amortization in 2015

\$2,468,662 Total Annual Amortization (sum of "Issues" listed above)

- 10) Amounts in columns 2-14 are from SCE internal records.

List associated securities and event, Event Date, Amortization Amount, Amortization Period, and Annual Amortization:

<u>Issue/Event</u>	<u>Event Date</u>	<u>Amortization Amount</u>	<u>Amortization Period (Years)</u>	<u>Annual Amortization</u>	<u>Notes</u>
8.540% Preferred, premium	November 1985	-\$286,600	34	-\$8,429	Net gain from open-market purchase of 67,400 shares in November 1985
12.000% Preferred, redemption	February 1986	\$6,247,500	34	\$183,750	Redemption premium paid to holders (so loss to company)
12.000% Preferred, redemption	February 1986	\$1,025,000	34	\$30,147	Initial issue discount

\$205,468 Total Annual Amortization (sum of "Issues/Events" listed above)

- 11) Amount in Column 2 from FF1 112.16d, amount in Column 14 from FF1 112.16c, amounts in columns 3-13 from SCE internal records.
- 12) Amount in Column 2 from FF1 112.12d (opposite sign), amount in Column 14 from FF1 112.12c (opposite sign), amounts in columns 3-13 from SCE internal records.
- 13) Amount in Column 2 from FF1 112.15d (opposite sign), amount in Column 14 from FF1 112.15c (opposite sign), amounts in columns 3-13 from SCE internal records.

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: 2015

	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
Line	Mo/YR	350.1	350.2	352	353	354	355	356	357	358	359	Total
1	Dec 2014	\$75,785,255	158,395,947	\$428,326,101	\$2,920,111,450	\$1,785,929,479	\$230,528,301	\$1,044,386,521	\$217,201	\$12,994,314	\$79,700,254	\$6,736,374,822
2	Jan 2015	\$75,785,255	\$158,393,914	\$430,854,179	\$2,923,748,335	\$1,810,686,563	\$233,291,261	\$1,071,288,004	\$222,642	\$12,994,564	\$80,907,972	\$6,798,172,687
3	Feb 2015	\$75,783,590	\$158,530,514	\$432,978,023	\$2,928,852,612	\$1,805,267,699	\$233,549,931	\$1,071,676,064	\$223,065	\$12,994,592	\$81,692,835	\$6,801,548,924
4	Mar 2015	\$75,783,590	\$158,542,221	\$435,911,134	\$2,934,678,811	\$2,024,063,365	\$294,018,466	\$1,176,607,717	\$223,067	\$12,994,569	\$105,456,408	\$7,218,279,345
5	Apr 2015	\$75,783,590	\$158,545,021	\$433,536,682	\$2,936,934,028	\$2,136,429,970	\$300,721,390	\$1,213,791,284	\$223,067	\$12,994,564	\$180,454,173	\$7,449,413,769
6	May 2015	\$75,783,590	\$158,559,038	\$433,951,440	\$2,943,551,475	\$2,141,924,103	\$301,811,259	\$1,215,149,176	\$223,068	\$12,994,464	\$181,538,744	\$7,465,486,355
7	Jun 2015	\$76,940,165	\$157,454,244	\$431,926,231	\$2,960,227,011	\$2,142,167,378	\$302,322,469	\$1,214,758,919	\$223,055	\$12,994,453	\$181,871,280	\$7,480,885,206
8	Jul 2015	\$77,239,553	\$163,291,286	\$433,928,451	\$2,967,188,640	\$2,143,502,829	\$303,445,317	\$1,215,763,313	\$224,237	\$12,995,491	\$182,253,971	\$7,499,833,088
9	Aug 2015	\$77,239,553	\$163,336,310	\$435,073,004	\$2,969,788,939	\$2,153,448,155	\$304,706,547	\$1,230,860,738	\$224,238	\$12,995,289	\$185,177,270	\$7,532,850,043
10	Sep 2015	\$77,240,122	\$163,362,165	\$435,905,861	\$2,965,706,099	\$2,155,063,857	\$305,336,717	\$1,231,821,173	\$224,521	\$12,995,628	\$185,618,907	\$7,533,275,049
11	Oct 2015	\$79,088,203	\$163,057,905	\$454,131,466	\$3,008,870,880	\$2,155,746,980	\$306,166,977	\$1,232,286,650	\$221,513	\$12,992,013	\$185,718,062	\$7,598,280,647
12	Nov 2015	\$77,240,122	\$163,176,955	\$455,929,657	\$3,010,610,364	\$2,156,817,870	\$306,985,660	\$1,232,077,542	\$221,357	\$13,010,566	\$185,945,908	\$7,602,016,001
13	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
14	13-Mo. Avg:	\$76,743,788	\$160,593,692	\$439,454,662	\$2,961,572,761	\$2,059,667,001	\$287,197,143	\$1,183,854,868	\$222,496	\$12,997,110	\$154,109,487	\$7,336,413,007

2) Distribution Plant - ISO

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

	Col 1	Col 2	Col 3	Col 4	Col 5
					Sum C2 - C4
Line	Mo/YR	360	361	362	Total
15	Dec 2014	\$0	\$0	\$0	\$0
16	Dec 2015	\$0	\$0	\$0	\$0
17	Average:	\$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: \$7,336,413,007	Sum of Line 14, Col 12 and Line 17, Col 5
19	EOY Value: \$7,656,953,152	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	<u>Col 1</u> General Plant Balances	<u>Col 2</u> Intangible Plant Balances	<u>Col 3</u> Total G&I Plant Balances	<u>Notes</u>
20	December	FF1 206.99.b and 204.5b	\$2,714,243,545	\$1,877,243,156	\$4,591,486,701	BOY amount from previous PY
21	December	FF1 207.99.g and 205.5g	\$2,810,955,447	\$1,597,954,444	\$4,408,909,891	End of year ("EOY") amount

**a) BOY/EOY Average G&I Plant**

	<u>Amount</u>	<u>Source</u>
22	Average BOY/EOY Value: \$4,500,198,296	Average of Line 20 and 21.
23	Transmission W&S Allocation Factor: 6.0220%	27-Allocators, Line 9
24	General + Intangible Plant: \$271,002,344	Line 22 * Line 23.

**b) EOY G&I Plant**

	<u>Amount</u>	<u>Source</u>
25	EOY Value: \$4,408,909,891	Line 21.
26	Transmission W&S Allocation Factor: 6.0220%	27-Allocators, Line 9
27	General + Intangible Plant: \$265,504,948	Line 25 * Line 26.

**Transmission Activity Used to Determine Monthly Transmission Plant - ISO Balances**

**1) Total Transmission Activity by Account (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> 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>	
28 Jan 2015	\$0	-\$2,838	\$3,560,803	\$8,432,114	\$24,372,159	\$12,932,404	\$28,539,530	\$6,172,543	\$285,947	\$1,194,101	\$85,486,763	
29 Feb 2015	-\$349	\$190,639	\$2,345,864	\$9,924,868	-\$5,270,016	\$5,198,777	\$745,804	\$480,409	\$32,741	\$782,112	\$14,430,849	
30 Mar 2015	\$0	\$16,338	\$4,178,997	\$13,257,711	\$218,586,026	\$64,533,694	\$105,108,243	\$1,567	-\$26,581	\$23,762,075	\$429,418,069	
31 Apr 2015	\$0	\$3,909	-\$3,390,986	\$5,063,862	\$112,328,866	\$12,534,695	\$37,402,855	-\$25	-\$5,196	\$74,996,170	\$238,934,149	
32 May 2015	\$0	\$19,658	\$588,514	\$15,283,449	\$5,051,673	\$7,281,783	\$1,522,432	\$1,074	-\$115,031	\$1,083,873	\$30,717,425	
33 Jun 2015	\$1,156,575	-\$1,084,309	-\$1,853,042	\$34,753,868	\$182,593	\$5,739,970	-\$154,220	-\$14,458	-\$12,236	\$332,115	\$39,046,855	
34 Jul 2015	\$62,837	\$8,006,827	\$2,620,572	\$15,425,026	\$1,410,692	\$7,756,882	\$1,229,547	\$1,341,180	\$1,186,909	\$382,424	\$39,422,897	
35 Aug 2015	\$0	\$62,835	\$1,184,223	\$5,928,134	\$8,858,401	\$8,206,518	\$21,939,933	\$1,079	-\$231,501	\$2,881,595	\$48,831,217	
36 Sep 2015	\$1,183	\$45,668	\$1,167,663	-\$9,448,557	\$1,555,773	\$4,823,532	\$1,207,088	\$320,906	\$387,639	\$441,322	\$502,217	
37 Oct 2015	\$387,886	-\$289,864	\$24,403,405	\$104,813,287	\$661,129	\$6,329,501	\$412,046	-\$3,412,233	-\$4,133,649	\$99,113	\$129,270,622	
38 Nov 2015	-\$387,886	\$119,124	\$2,559,556	\$3,949,535	\$1,097,957	\$8,300,983	-\$148,257	-\$176,582	\$21,215,092	\$227,853	\$36,757,375	
39 Dec 2015	\$154,588	-\$145,805	\$20,503,732	\$44,300,689	\$7,635,247	\$26,258,522	\$8,874,794	\$66,935	\$1,558,102	\$1,139,739	\$110,346,544	
40 Total:	\$1,374,833	\$6,942,183	\$57,869,299	\$251,683,986	\$376,470,501	\$169,897,262	\$206,679,795	\$4,782,396	\$20,142,237	\$107,322,491	\$1,203,164,981	

2) ISO Incentive Plant Activity (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>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>	
41 Jan 2015	\$0	\$0	\$107,745	-\$103,508	\$22,239,936	\$1,495,060	\$23,529,620	\$0	\$0	\$409,570	\$47,678,424	
42 Feb 2015	\$0	\$0	\$1,603,510	\$1,344,100	-\$4,445,501	-\$357,250	-\$348,344	\$0	\$0	\$623,605	-\$1,579,879	
43 Mar 2015	\$0	\$0	\$13,209	\$29,443	\$217,424,764	\$59,961,701	\$104,568,149	\$0	\$0	\$23,675,774	\$405,673,040	
44 Apr 2015	\$0	\$0	\$7,935	\$64,408	\$112,119,814	\$5,975,835	\$36,732,171	\$0	\$0	\$74,904,322	\$229,804,484	
45 May 2015	\$0	-\$243	\$7,536	-\$142,240	\$2,600,742	\$317,876	\$1,019,191	\$0	\$0	\$1,043,620	\$4,846,482	
46 Jun 2015	\$1,156,575	-\$1,156,575	-\$2,428,702	\$2,574,007	-\$153,546	-\$140,697	-\$876,130	\$0	\$0	\$307,845	-\$717,223	
47 Jul 2015	\$0	\$352,196	\$553,029	\$359,977	\$1,827,477	\$295,734	\$540,923	\$0	\$0	\$366,995	\$4,296,331	
48 Aug 2015	\$0	\$0	\$1,051,579	\$4,510	\$2,837,568	\$395,309	\$1,012,358	\$0	\$0	\$478,879	\$5,780,203	
49 Sep 2015	\$1,345	-\$24,230	\$48,195	\$102,547	\$1,223,810	\$107,352	\$452,706	\$0	\$0	\$423,197	\$2,334,923	
50 Oct 2015	\$0	-\$340,652	\$3,747,093	-\$4,922,519	\$539,298	\$144,629	\$575,463	\$0	\$0	\$96,697	-\$159,991	
51 Nov 2015	\$0	\$118,864	\$13,830	\$15,591	\$1,247,894	-\$114,191	-\$334,366	\$0	\$0	\$228,236	\$1,175,858	
52 Dec 2015	\$0	\$0	\$525,463	\$273,927	\$6,695,523	\$879,484	\$4,879,962	\$0	\$0	\$1,030,659	<u>\$14,285,018</u>	
53 Total:	\$1,157,920	-\$1,050,640	\$5,250,422	-\$399,758	\$364,157,781	\$68,960,844	\$171,751,703	\$0	\$0	\$103,589,398	\$713,417,670	

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

	<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>	
54 Jan 2015	\$0	-\$2,838	\$3,453,057	\$8,535,622	\$2,132,223	\$11,437,344	\$5,009,910	\$6,172,543	\$285,947	\$784,531	\$37,808,340	
55 Feb 2015	-\$349	\$190,639	\$742,353	\$8,580,767	-\$824,515	\$5,556,027	\$1,094,148	\$480,409	\$32,741	\$158,508	\$16,010,728	
56 Mar 2015	\$0	\$16,338	\$4,165,787	\$13,228,268	\$1,161,262	\$4,571,993	\$540,094	\$1,567	-\$26,581	\$86,301	\$23,745,029	
57 Apr 2015	\$0	\$3,909	-\$3,398,921	\$4,999,454	\$209,051	\$6,558,860	\$670,684	-\$25	-\$5,196	\$91,849	\$9,129,664	
58 May 2015	\$0	\$19,901	\$580,978	\$15,425,689	\$2,450,931	\$6,963,906	\$503,242	\$1,074	-\$115,031	\$40,253	\$25,870,942	
59 Jun 2015	\$0	\$72,266	\$575,660	\$32,179,861	\$336,139	\$5,880,667	\$721,910	-\$14,458	-\$12,236	\$24,269	\$39,764,078	
60 Jul 2015	\$62,837	\$7,654,631	\$2,067,543	\$15,065,050	-\$416,785	\$7,461,148	\$688,624	\$1,341,180	\$1,186,909	\$15,429	\$35,126,566	
61 Aug 2015	\$0	\$62,835	\$132,644	\$5,923,624	\$6,020,833	\$7,811,209	\$20,927,575	\$1,079	-\$231,501	\$2,402,715	\$43,051,013	
62 Sep 2015	-\$163	\$69,898	\$1,119,467	-\$9,551,103	\$331,963	\$4,716,179	\$754,382	\$320,906	\$387,639	\$18,125	-\$1,832,706	
63 Oct 2015	\$387,886	\$50,788	\$20,656,312	\$109,735,806	\$121,831	\$6,184,872	-\$163,417	-\$3,412,233	-\$4,133,649	\$2,416	\$129,430,613	
64 Nov 2015	-\$387,886	\$260	\$2,545,726	\$3,933,944	-\$149,936	\$8,415,174	\$186,109	-\$176,582	\$21,215,092	-\$383	\$35,581,518	
65 Dec 2015	<u>\$154,588</u>	<u>-\$145,805</u>	<u>\$19,978,270</u>	<u>\$44,026,762</u>	<u>\$939,724</u>	<u>\$25,379,037</u>	<u>\$3,994,832</u>	<u>\$66,935</u>	<u>\$1,558,102</u>	<u>\$109,080</u>	<u>\$96,061,526</u>	
66 Total:	\$216,913	\$7,992,823	\$52,618,877	\$252,083,743	\$12,312,720	\$100,936,417	\$34,928,092	\$4,782,396	\$20,142,237	\$3,733,093	\$489,747,311	

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

A) Change in ISO Plant Balance December to December (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>
67	\$2,191,400	\$4,676,533	\$42,132,274	\$110,065,796	\$378,693,284	\$80,150,266	\$195,259,660	\$4,216	\$17,615	\$107,387,287	\$920,578,331
B) Change in Incentive ISO Plant (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>
68	\$1,157,920	-\$1,050,640	\$5,250,422	-\$399,758	\$364,157,781	\$68,960,844	\$171,751,703	\$0	\$0	\$103,589,398	\$713,417,670
C) Change in Non-Incentive ISO Plant (See Note 8)											
	<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>
69	\$1,033,479	\$5,727,173	\$36,881,852	\$110,465,554	\$14,535,503	\$11,189,421	\$23,507,958	\$4,216	\$17,615	\$3,797,889	\$207,160,660

**5) Other ISO Transmission Activity without Incentive Plant Activity (See Note 9):**

	<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>	
70 Jan 2015	\$0	-\$2,033	\$2,420,332	\$3,740,393	\$2,517,147	\$1,267,900	\$3,371,863	\$5,441	\$250	\$798,148	\$14,119,441	
71 Feb 2015	-\$1,665	\$136,600	\$520,334	\$3,760,176	-\$973,363	\$615,920	\$736,404	\$423	\$29	\$161,259	\$4,956,117	
72 Mar 2015	\$0	\$11,707	\$2,919,902	\$5,796,756	\$1,370,902	\$506,833	\$363,504	\$1	-\$23	\$87,798	\$11,057,381	
73 Apr 2015	\$0	\$2,801	-\$2,382,386	\$2,190,810	\$246,791	\$727,090	\$451,396	\$0	-\$5	\$93,443	\$1,329,939	
74 May 2015	\$0	\$14,260	\$407,221	\$6,759,687	\$2,893,391	\$771,992	\$338,701	\$1	-\$101	\$40,952	\$11,226,104	
75 Jun 2015	\$0	\$51,781	\$403,494	\$14,101,529	\$396,821	\$651,908	\$485,873	-\$13	-\$11	\$24,691	\$16,116,073	
76 Jul 2015	\$299,388	\$5,484,845	\$1,449,191	\$6,601,652	-\$492,026	\$827,114	\$463,471	\$1,182	\$1,038	\$15,697	\$14,651,552	
77 Aug 2015	\$0	\$45,024	\$92,973	\$2,595,790	\$7,107,758	\$865,920	\$14,085,068	\$1	-\$202	\$2,444,420	\$27,236,751	
78 Sep 2015	-\$776	\$50,085	\$784,662	-\$4,185,387	\$391,891	\$522,817	\$507,728	\$283	\$339	\$18,440	-\$1,909,917	
79 Oct 2015	\$1,848,080	\$36,392	\$14,478,512	\$48,087,300	\$143,825	\$685,631	-\$109,986	-\$3,008	-\$3,615	\$2,458	\$65,165,590	
80 Nov 2015	-\$1,848,080	\$186	\$1,784,361	\$1,723,893	-\$177,004	\$932,874	\$125,259	-\$156	\$18,553	-\$389	\$2,559,496	
81 Dec 2015	<u>\$736,532</u>	<u>-\$104,475</u>	<u>\$14,003,256</u>	<u>\$19,292,957</u>	<u>\$1,109,370</u>	<u>\$2,813,422</u>	<u>\$2,688,677</u>	<u>\$59</u>	<u>\$1,363</u>	<u>\$110,973</u>	<u>\$40,652,133</u>	
82 Total:	\$1,033,479	\$5,727,173	\$36,881,852	\$110,465,554	\$14,535,503	\$11,189,421	\$23,507,958	\$4,216	\$17,615	\$3,797,889	\$207,160,660	

**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 70-81 for the same month;
  - b) ISO Incentive Plant Activity on Lines 41 to 52 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 74, Column 5);
  - b) the "ISO Incentive Plant Activity" for May of the Prior Year (on Line 45, 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-Plant Study for Distribution Plant - ISO.
- 3) Includes recorded Transmission Plant-In-Service additions, retirements, transfers and adjustments. From SCE internal accounting records.
- 4) Column 12 matches 'Activity for Incentive Projects' on 14-IncentivePlant, Lines 39 to 52. Other columns from SCE internal accounting records.
- 5) Amount in matrix on lines 28 to 39 minus amount in matrix on lines 41 to 52
- 6) Amount on Line 13 less amount on Line 1 for each account.
- 7) Line 53
- 8) Amount on Line 67 less amount on Line 68 for each account.
- 9) For each column (FERC Account) divide Line 69 by Line 66 to arrive at a ratio for each column.  
Apply the ratio of each column to each monthly value from Lines 54-65 to calculate the values for the corresponding months listed in Lines 70-81.

Transmission Plant Study

Input cells are shaded yellow

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

Prior Year: 2015

Line	Account	Col 1 Total Plant	Data Source	Col 2 Transmission Plant - ISO	Col 3 ISO % of Total	Notes
1						
2	Substation					
3	352	\$686,827,403	FF1 207.49g	\$470,458,376	68.50%	
4	353	\$5,247,711,806	FF1 207.50g	\$3,030,177,247	57.74%	
5	Total Substation	\$5,934,539,209	L 3 + L 4	\$3,500,635,623	58.99%	
6						
7	Land					
8	350	\$328,430,727	FF1 207.48g	\$241,049,135	73.39%	
9						
10	Total Substation and Land	\$6,262,969,936	L 5 + L 8	\$3,741,684,757	59.74%	
11						
12	Lines					
13	354	\$2,259,972,825	FF1 207.51g	\$2,164,622,763	95.78%	
14	355	\$1,008,567,359	FF1 207.52g	\$310,678,566	30.80%	
15	356	\$1,482,107,625	FF1 207.53g	\$1,239,646,181	83.64%	
16	357	\$61,087,062	FF1 207.54g	\$221,416	0.36%	
17	358	\$268,612,323	FF1 207.55g	\$13,011,928	4.84%	
18	359	\$194,018,041	FF1 207.56g	\$187,087,541	96.43%	
19	Total Lines	\$5,274,365,235	Sum L13 to L18	\$3,915,268,395	74.23%	
20						
21	Total Transmission	\$11,537,335,171	L 10 + L 19	\$7,656,953,152	66.37%	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	\$115,272,068	FF1 207.60g	\$0	0.00%	
25	Structures:					
26	361	\$576,705,979	FF1 207.61g	\$0	0.00%	
27	362	\$2,244,270,529	FF1 207.62g	\$0	0.00%	
28	Total Structures	\$2,820,976,508	L 26 + L 27	\$0	0.00%	
29						
30	Total Distribution	\$2,936,248,576	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: 2015

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 2014	\$0	\$12,547,940	\$55,295,971	\$363,178,566	\$350,017,330	\$38,130,422	\$353,805,006	\$130,566	\$1,208,818	\$7,412,762	\$1,181,727,381
2	Jan 2015	\$0	\$12,778,787	\$52,486,312	\$306,238,663	\$380,293,021	\$36,040,058	\$380,500,438	\$130,154	\$1,215,919	\$12,105,534	\$1,181,788,885
3	Feb 2015	\$0	\$13,010,029	\$53,370,280	\$309,807,731	\$383,040,683	\$36,961,081	\$381,042,154	\$130,347	\$1,254,555	\$12,159,127	\$1,190,775,987
4	Mar 2015	\$0	\$13,239,519	\$54,213,079	\$327,875,401	\$385,387,222	\$37,829,094	\$378,967,068	\$130,523	\$1,290,504	\$11,983,398	\$1,210,915,807
5	Apr 2015	\$0	\$13,487,865	\$55,386,503	\$334,222,613	\$389,805,257	\$38,787,814	\$377,781,204	\$130,671	\$1,325,525	\$12,178,822	\$1,223,106,275
6	May 2015	\$0	\$13,767,799	\$55,987,658	\$341,081,552	\$392,704,000	\$39,680,835	\$378,243,478	\$130,847	\$1,367,351	\$12,361,767	\$1,235,325,287
7	Jun 2015	\$0	\$14,003,421	\$56,697,714	\$347,771,989	\$396,680,272	\$40,669,126	\$380,044,093	\$131,024	\$1,400,199	\$12,529,879	\$1,249,927,719
8	Jul 2015	\$0	\$14,237,536	\$58,327,289	\$365,173,474	\$387,434,464	\$41,533,881	\$377,548,484	\$131,195	\$1,439,666	\$12,809,320	\$1,258,635,308
9	Aug 2015	\$0	\$14,479,720	\$59,220,524	\$371,274,436	\$391,913,045	\$42,571,428	\$381,977,370	\$131,368	\$1,478,302	\$13,051,094	\$1,276,097,287
10	Sep 2015	\$0	\$14,721,743	\$60,170,392	\$364,452,251	\$396,684,807	\$43,490,468	\$389,310,192	\$131,544	\$1,514,860	\$13,300,362	\$1,283,776,617
11	Oct 2015	\$0	\$14,965,913	\$61,070,081	\$370,620,709	\$400,596,612	\$44,425,400	\$393,310,910	\$131,719	\$1,548,468	\$13,504,935	\$1,300,174,747
12	Nov 2015	\$0	\$15,206,615	\$62,100,495	\$371,748,827	\$404,775,920	\$45,554,721	\$386,442,550	\$131,895	\$1,594,798	\$13,702,483	\$1,301,258,303
13	Dec 2015	\$0	\$15,448,963	\$62,832,871	\$372,504,540	\$406,863,964	\$46,334,041	\$386,000,140	\$132,074	\$1,627,345	\$13,852,616	\$1,305,596,554
14	13-Mo. Avg:	\$0	\$13,991,988	\$57,473,782	\$349,688,519	\$389,707,431	\$40,923,721	\$380,382,545	\$131,071	\$1,405,101	\$12,380,931	\$1,246,085,089

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

	Col 1	Col 2	Col 3	Col 4	Col 5	Total	Notes
	FERC Account:					=Sum C2 to C4	
	Mo/YR	360	361	362			
15	Dec 2014	\$0	\$0	\$0	\$0	\$0	Beginning of Year ("BOY") amount
16	Dec 2015	\$0	\$0	\$0	\$0	\$0	End of Year ("EOY") amount
17	BOY/EOY Average:	\$0	\$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			
			<b>Total</b>			
			<b>Gen. and Int.</b>	<b>General</b>	<b>Intangible</b>	
			<b>Depreciation</b>	<b>Depreciation</b>	<b>Depreciation</b>	
	<b>Mo/YR</b>		<b>Reserve</b>	<b>Reserve</b>	<b>Reserve</b>	<b>Source</b>
18	Dec 2014	BOY:	\$1,950,354,116	\$897,908,161	\$1,052,445,955	FF1 219.28c and 200.21c for previous year
19	Dec 2015	EOY:	\$1,958,254,795	\$1,011,263,915	\$946,990,880	FF1 219.28c and 200.21c
20		BOY/EOY Average:	\$1,954,304,456			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:	\$1,954,304,456	Line 20
22	Transmission W&S Allocation Factor:	6.0220%	27-Allocators, Line 9
23	G + I Plant Dep. Reserve (BOY/EOY Average):	\$117,688,389	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:	\$1,958,254,795	Line 19
25	Transmission W&S Allocation Factor:	6.0220%	27-Allocators, Line 9
26	G + I Plant Dep. Reserve (EOY):	\$117,926,279	Line 24 * Line 25

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

1) Total Transmission Activity by Account (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>
												Sum C2 - C11
	<b>Mo/YR</b>	<b>350.1</b>	<b>350.2</b>	<b>352</b>	<b>353</b>	<b>354</b>	<b>355</b>	<b>356</b>	<b>357</b>	<b>358</b>	<b>359</b>	<b>Total</b>
27	Jan 2015	\$0	\$262,312	-\$8,128,596	-\$73,905,796	\$31,523,960	\$25,378,001	\$7,335,828	\$485,239	\$2,187,822	\$5,522,829	-\$9,338,401
28	Feb 2015	\$0	\$263,775	\$828,627	\$2,909,038	\$2,703,902	-\$1,118,326	\$2,298,137	\$77,498	\$243,598	\$44,263	\$8,250,512
29	Mar 2015	\$0	\$256,816	\$722,210	\$21,312,354	\$2,284,502	-\$642,675	\$1,789,378	\$89,736	\$409,230	-\$226,722	\$25,994,829
30	Apr 2015	\$0	\$326,199	\$1,515,722	\$6,429,862	\$4,432,204	\$373,916	\$2,177,299	\$109,061	\$466,506	\$205,974	\$16,036,743
31	May 2015	\$0	\$442,492	\$134,001	\$7,078,254	\$2,831,030	\$1,155,237	\$2,574,335	\$88,977	\$46,948	\$173,603	\$14,524,878
32	Jun 2015	\$0	\$279,291	\$397,051	\$6,860,668	\$3,958,518	\$347,115	\$2,837,722	\$88,987	\$600,423	\$155,834	\$15,525,609
33	Jul 2015	\$0	\$277,837	\$2,635,040	\$20,449,219	-\$9,883,032	\$1,452,839	\$2,000,346	\$93,250	\$192,359	\$287,220	\$17,505,077
34	Aug 2015	\$0	\$285,895	\$841,723	\$6,099,209	\$4,484,209	-\$38,529	\$3,350,765	\$92,342	\$243,793	\$242,650	\$15,602,057
35	Sep 2015	\$0	\$285,130	\$975,680	-\$10,308,321	\$4,790,177	\$1,045,349	\$3,947,132	\$91,215	\$371,866	\$250,813	\$1,449,042
36	Oct 2015	\$0	\$292,943	\$851,344	\$6,185,719	\$3,889,778	\$924,016	\$3,300,257	\$91,286	\$553,789	\$197,929	\$16,287,062
37	Nov 2015	\$0	\$281,302	\$1,112,924	-\$236,997	\$4,169,749	-\$766,767	\$1,184,742	\$88,131	-\$231,242	\$189,610	\$5,791,451
38	Dec 2015	\$0	\$286,920	\$384,051	-\$710,735	\$1,980,408	\$2,347,053	\$2,435,599	\$85,816	\$622,230	\$133,566	\$7,564,908
39	Total:	\$0	\$3,540,913	\$2,269,777	-\$7,837,525	\$57,165,405	\$30,457,230	\$35,231,538	\$1,481,538	\$5,707,322	\$7,177,568	\$135,193,766

Schedule 8  
Accumulated Depreciation

2) Depreciation Expense (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>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>
40	Jan 2015	\$0	\$219,114	\$917,332	\$6,010,563	\$3,631,390	\$705,032	\$2,654,482	\$299	\$41,907	\$103,610	\$14,283,729
41	Feb 2015	\$0	\$219,112	\$922,746	\$6,018,049	\$3,681,729	\$713,482	\$2,722,857	\$306	\$41,907	\$105,180	\$14,425,369
42	Mar 2015	\$0	\$219,301	\$927,295	\$6,028,555	\$3,670,711	\$714,274	\$2,723,843	\$307	\$41,908	\$106,201	\$14,432,393
43	Apr 2015	\$0	\$219,317	\$933,576	\$6,040,547	\$4,115,596	\$899,206	\$2,990,545	\$307	\$41,907	\$137,093	\$15,378,094
44	May 2015	\$0	\$219,321	\$928,491	\$6,045,189	\$4,344,074	\$919,706	\$3,085,053	\$307	\$41,907	\$234,590	\$15,818,639
45	Jun 2015	\$0	\$219,340	\$929,379	\$6,058,810	\$4,355,246	\$923,039	\$3,088,504	\$307	\$41,907	\$236,000	\$15,852,533
46	Jul 2015	\$0	\$217,812	\$925,042	\$6,093,134	\$4,355,740	\$924,603	\$3,087,512	\$307	\$41,907	\$236,433	\$15,882,490
47	Aug 2015	\$0	\$225,886	\$929,330	\$6,107,463	\$4,358,456	\$928,037	\$3,090,065	\$308	\$41,910	\$236,930	\$15,918,386
48	Sep 2015	\$0	\$225,949	\$931,781	\$6,112,816	\$4,378,678	\$931,894	\$3,128,438	\$308	\$41,910	\$240,730	\$15,992,504
49	Oct 2015	\$0	\$225,984	\$933,565	\$6,104,412	\$4,381,963	\$933,821	\$3,130,879	\$309	\$41,911	\$241,305	\$15,994,149
50	Nov 2015	\$0	\$225,563	\$972,598	\$6,193,259	\$4,383,352	\$936,361	\$3,132,062	\$305	\$41,899	\$241,433	\$16,126,833
51	Dec 2015	\$0	\$225,728	\$976,449	\$6,196,840	\$4,385,530	\$938,864	\$3,131,530	\$304	\$41,959	\$241,730	\$16,138,935
52	Total:	\$0	\$2,662,426	\$11,227,585	\$73,009,636	\$50,042,465	\$10,468,321	\$35,965,771	\$3,673	\$502,940	\$2,361,237	\$186,244,054

3) Total Transmission Activity less Depreciation Expense (See Note 5)

	<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>
53	Jan 2015	\$0	\$43,198	-\$9,045,928	-\$79,916,359	\$27,892,570	\$24,672,969	\$4,681,345	\$484,940	\$2,145,915	\$5,419,219	-\$23,622,131
54	Feb 2015	\$0	\$44,663	-\$94,119	-\$3,109,010	-\$977,828	-\$1,831,808	-\$424,720	\$77,192	\$201,690	-\$60,917	-\$6,174,857
55	Mar 2015	\$0	\$37,516	-\$205,084	\$15,283,799	-\$1,386,209	-\$1,356,948	-\$934,466	\$89,429	\$367,323	-\$332,923	\$11,562,436
56	Apr 2015	\$0	\$106,883	\$582,145	\$389,315	\$316,609	-\$525,291	-\$813,246	\$108,754	\$424,599	\$68,881	\$658,648
57	May 2015	\$0	\$223,171	-\$794,490	\$1,033,065	-\$1,513,044	\$235,531	-\$510,718	\$88,670	\$5,041	-\$60,987	-\$1,293,761
58	Jun 2015	\$0	\$59,951	-\$532,328	\$801,858	-\$396,728	-\$575,924	-\$250,783	\$88,680	\$558,516	-\$80,166	-\$326,924
59	Jul 2015	\$0	\$60,025	\$1,709,998	\$14,356,085	-\$14,238,772	\$528,236	-\$1,087,167	\$92,944	\$150,451	\$50,787	\$1,622,588
60	Aug 2015	\$0	\$60,009	-\$87,607	-\$8,254	\$125,753	-\$966,566	\$260,700	\$92,033	\$201,882	\$5,720	-\$316,330
61	Sep 2015	\$0	\$59,182	\$43,898	-\$16,421,136	\$411,499	\$113,455	\$818,694	\$90,907	\$329,956	\$10,082	-\$14,543,462
62	Oct 2015	\$0	\$66,959	-\$82,221	\$81,307	-\$492,185	-\$9,806	\$169,378	\$90,978	\$511,878	-\$43,376	\$292,913
63	Nov 2015	\$0	\$55,738	\$140,325	-\$6,430,256	-\$213,603	-\$1,703,128	-\$1,947,320	\$87,827	-\$273,141	-\$51,823	-\$10,335,382
64	Dec 2015	\$0	\$61,192	-\$592,399	-\$6,907,575	-\$2,405,122	\$1,408,188	-\$695,931	\$85,512	\$580,270	-\$108,163	-\$8,574,026
65	Total:	\$0	\$878,487	-\$8,957,808	-\$80,847,161	\$7,122,940	\$19,988,909	-\$734,233	\$1,477,865	\$5,204,381	\$4,816,332	-\$51,050,288

4) Calculation of Other Transmission Activity

A) Change in Depreciation Reserve - ISO (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>
66	\$0	\$2,901,022	\$7,536,900	\$9,325,974	\$56,846,634	\$8,203,619	\$32,195,134	\$1,509	\$418,526	\$6,439,854	\$123,869,173
B) Total Depreciation Expense (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>
67	\$0	\$2,662,426	\$11,227,585	\$73,009,636	\$50,042,465	\$10,468,321	\$35,965,771	\$3,673	\$502,940	\$2,361,237	\$186,244,054
C) Other Activity (See Note 8)											
	<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>
68	\$0	\$238,596	-\$3,690,685	-\$63,683,662	\$6,804,169	-\$2,264,702	-\$3,770,636	-\$2,164	-\$84,414	\$4,078,618	-\$62,374,881

5) Other Transmission Activity (See Note 9)

	<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>
69	Jan 2015	\$0	\$11,733	-\$3,726,991	-\$62,950,465	\$26,644,301	-\$2,795,397	\$24,040,949	-\$710	-\$34,806	\$4,589,161	-\$14,222,225
70	Feb 2015	\$0	\$12,131	-\$38,778	-\$2,448,981	-\$934,067	\$207,540	-\$2,181,141	-\$113	-\$3,271	-\$51,587	-\$5,438,267
71	Mar 2015	\$0	\$10,189	-\$84,496	\$12,039,115	-\$1,324,173	\$153,739	-\$4,798,929	-\$131	-\$5,958	-\$281,929	\$5,707,427
72	Apr 2015	\$0	\$29,029	\$239,848	\$306,665	\$302,440	\$59,514	-\$4,176,408	-\$159	-\$6,887	\$58,330	-\$3,187,627
73	May 2015	\$0	\$60,613	-\$327,336	\$813,750	-\$1,445,332	-\$26,685	-\$2,622,780	-\$130	-\$82	-\$51,646	-\$3,599,627
74	Jun 2015	\$0	\$16,283	-\$219,323	\$631,627	-\$378,973	\$65,251	-\$1,287,889	-\$130	-\$9,059	-\$67,887	-\$1,250,101
75	Jul 2015	\$0	\$16,303	\$704,532	\$11,308,351	-\$13,601,548	-\$59,848	-\$5,583,121	-\$136	-\$2,440	\$43,008	-\$7,174,900
76	Aug 2015	\$0	\$16,298	-\$36,095	-\$6,502	\$120,125	\$109,510	\$1,338,821	-\$135	-\$3,274	\$4,844	\$1,543,592
77	Sep 2015	\$0	\$16,074	\$18,086	-\$12,935,001	\$393,084	-\$12,854	\$4,204,385	-\$133	-\$5,352	\$8,538	-\$8,313,173
78	Oct 2015	\$0	\$18,186	-\$33,876	\$64,046	-\$470,158	\$1,111	\$869,839	-\$133	-\$8,303	-\$36,732	\$403,980
79	Nov 2015	\$0	\$15,138	\$57,815	-\$5,065,141	-\$204,044	\$192,961	-\$10,000,422	-\$129	\$4,430	-\$43,886	-\$15,043,276
80	Dec 2015	\$0	<u>\$16,620</u>	<u>-\$244,073</u>	<u>-\$5,441,127</u>	<u>-\$2,297,486</u>	<u>-\$159,545</u>	<u>-\$3,573,941</u>	<u>-\$125</u>	<u>-\$9,412</u>	<u>-\$91,596</u>	<u>-\$11,800,684</u>
81	Total:	\$0	\$238,596	-\$3,690,685	-\$63,683,662	\$6,804,169	-\$2,264,702	-\$3,770,636	-\$2,164	-\$84,414	\$4,078,618	-\$62,374,881

Notes:

- 1) Amounts on Line 13 based on current year Plant Study. Amounts on Line 1 shall be based 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 40 to 51) for the same month;
    - b) Other Transmission Activity (on Lines 69 to 80) 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 73, 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) Total Transmission Activity by Account represents accumulated depreciation changes for all Transmission plant.
  - 4) From 17-Depreciation, Lines 24 to 35.
  - 5) Amount in matrix on lines 27 to 38 minus amount in matrix on lines 40 to 51.
  - 6) Line 13 - Line 1.
  - 7) Line 52.
  - 8) Line 66 - Line 67.
  - 9) For each column (FERC Account) divide Line 68 by Line 65 to arrive at a ratio for each column.
- Apply the ratio of each column to each monthly value from Lines 53-64 to calculate the values for the corresponding months listed in Lines 69-80.

Accumulated Deferred Income Taxes

Cells shaded yellow are input cells

1) Summary of Accumulated Deferred Income Taxes

a) End of Year Accumulated Deferred Income Taxes

<u>Line</u>	<u>Account</u>	<u>Col 1</u>	<u>Col 2</u>	<u>Source</u>
			<b>Total</b>	
			<b>ADIT</b>	
1	Account 190		\$17,596,592	Line 353, Col. 2
2	Account 282		-\$1,299,577,808	Line 452, Col. 2
3	Account 283		-\$28,956,508	Line 803, Col. 2
4	IRC Section 168(i)(9) Normalization Adjustment		\$0	Line 809, Col. 5
5	Total Accumulated Deferred Income Taxes		-\$1,310,937,724	Sum of Lines 1 to 4

b) Beginning of Year Accumulated Deferred Income Taxes

<u>Line</u>	<u>Account</u>	<u>BOY</u>	<u>Source</u>
		<b>ADIT</b>	
10	Total Accumulated Deferred Income Taxes	-\$1,268,182,635	Previous Year Informational Filing, Line 5, Col. 2

c) Average of Beginning and End of Year Accumulated Deferred Income Taxes

<u>Line</u>	<u>Account</u>	<u>Average</u>	<u>Source</u>
		<b>ADIT</b>	
15	Average BOY/EOY ADIT:	-\$1,289,560,179	Average of Line 5 and Line 10

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&amp;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	\$901,997	\$704		\$901,293	C: Relates to all Regulated Electric Property
101	190.000	Executive Incentive Comp	\$2,421,841	\$1,214,388		\$1,207,453	C: Relates to employees in all functions
102	190.000	DIT - APS Right of Way	\$0	\$0			Relates to 100% ISO facilities
103	190.000	Corp Name Change	\$0	\$0		\$0	C: Relates to all Regulated Electric Property
104	190.000	Bond Discount Amort	\$1,053,008	\$822		\$1,052,186	C: Relates to all Regulated Electric Property
105	190.000	Executive Incentive Plan	\$1,514,751	\$759,545		\$755,206	C: Relates to employees in all functions
106	190.000	Ins - Inj/Damages Prov	\$59,625,829	\$170,761		\$59,455,068	C: Relates to employees in all functions
107	190.000	Accrued Vacation	\$18,523,690	\$53,049		\$18,470,641	C: Relates to employees in all functions
108	190.000	Ins Res/Casualty Loss	\$0	\$0		\$0	C: Relates to all Regulated Electric Property
109	190.000	Int Capitalized - AFUDC	\$0	\$0		\$0	C: Relates to all Regulated Electric Property
110	190.000	PBOP 401H Amortization	\$53,413,524	\$152,969		\$53,260,555	C: Relates to employees in all functions
111	190.000	EMS	\$1,129,064	\$882		\$1,128,182	C: Relates to all Regulated Electric Property
112	190.000	Amortization of Debt Expense	\$1,659,914	\$1,296		\$1,658,618	C: Relates to all Regulated Electric Property
113	190.000	DPV2 ADIT - Abandonment	\$0		\$0		Property-Related FERC Costs
114	190.000	Decommissioning	\$392,262,808	\$392,262,808			Relates to Nuclear Decommissioning Costs
115	190.000	Balancing Accounts	\$5,763,000	\$5,763,000			Relates Entirely to CPUC Balancing Account Recovery
116	190.000	CIAC/ITCC	\$93,832,501	\$93,832,501			Non-Rate Base FAS 109 Tax - CIAC
117	190.000	Pension & PBOP	\$19,532,301	\$55,938		\$19,476,363	C: Relates to employees in all functions
118	190.000	Property/Non-ISO	\$16,640,333	\$16,640,333			Non-Rate Base Property
119	190.000	Regulatory Assets/Liab	\$16,156,752	\$16,156,752			Relates to Nonrecovery Balancing Account
120	190.000	Temp - Other/Non-ISO	\$330,557,869	\$330,557,869			Not Component of Rate Base
121	190.000	Net Operating Losses DTA	\$39,349,904	\$0		\$39,349,904	NOL/DTA
122	190.000	Reclass Acct 282 Debit Bal on Repair Deduction/Non-IF	\$127,232,426	\$127,232,426			Property-Related CPUC Costs - Repair

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&amp;2)</u>
		<u>per G/L</u>	<u>or Other Related</u>				<u>Description</u>
Electric:							
123	...						<u>Source</u>
250	Total Electric 190	\$1,181,571,512	\$984,856,044	\$0	\$44,090,182	\$152,625,286	Sum of Above Lines beginning on Line 100

Account 190 Gas and Other Income:

(Instructions 1&2)

	<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>	
<b>300</b>	190.000	Audit Rollforward					Gas and Other Non-ISO Related Costs	
<b>301</b>	190.000	Balancing Accounts					Gas and Other Non-ISO Related Costs	
<b>302</b>	190.000	Temp - Other (Non-Electric)					Gas and Other Non-ISO Related Costs	
<b>303</b>	...							
<b>350</b>		Total Account 190 Gas and Other Income	\$0	\$0	\$0	\$0	\$0	Sum of Above Lines beginning on Line 300
<b>351</b>		Total Account 190	\$1,181,571,512	\$984,856,044	\$0	\$44,090,182	\$152,625,286	Line 250 + Line 350
<b>352</b>		Allocation Factors (Plant and Wages)				19.064%	6.0220%	27-Allocators Lines 22 and 9 respectively.
<b>353</b>		Total Account 190 ADIT (Sum of amounts in Columns 4 to 6)	\$17,596,592		\$0	\$8,405,484	\$9,191,108	Line 351 * Line 352 for Cols 5 and 6. Col. 4 100% ISO.
<b>354</b>		FERC Form 1 Account 190	\$1,181,571,512					Must match amount on Line 351, Col. 2 FF1 234.18c

3) Account 282 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 282</u>	<u>DESCRIPTION</u>	<u>END BAL</u>	<u>Gas, Generation</u>	<u>ISO Only</u>	<u>Plant Related</u>	<u>Labor</u>	<u>Description</u>
		<u>per G/L</u>	<u>or Other Related</u>			<u>Related</u>	(Instructions 1&2)
<b>400</b>	282.000	Fully Normalized Deferred Tax	-\$1,280,768,334	-\$1,280,768,334			Property-Related FERC Costs
<b>401</b>	282.000	Acc Def Inc Tax-AFUDC	\$0		\$0		Relates to all Regulated Electric Property
<b>402</b>	282.000	Repair Method Changes - FERC	-\$18,809,474	-\$18,809,474			Property-Related FERC Costs
<b>403</b>	282.000	Franchise Requirements	\$0				Relates to all Regulated Electric Property
<b>404</b>	282.000	Property/Non-ISO	-\$7,787,494,601	-\$7,787,494,601			Property-Related CPUC Costs
<b>405</b>	282.000	Chino Hills Abandonment	\$0		\$0		
<b>406</b>	282.000	Repair Deduction/Non-ISO	\$0				Property-Related CPUC Costs - Repair
<b>407</b>	282.000	Temp - Other	-\$365,924,689	-\$365,924,689			Not Component of Rate Base
<b>408</b>	282.000	Capitalized Software	-\$1,822,168	-\$1,822,168			Property-Related CPUC Costs - Cap Software
<b>409</b>	282.000	Audit Rollforward	-\$201,776	-\$201,776			Property-Related CPUC Costs - Audit
<b>410</b>	282.000	Property/Non-ISO	-\$9,537,099	-\$9,537,099			Gas and Other Non-ISO Related Costs
<b>411</b>	282.000	Capitalized Software	\$0	\$0			Gas and Other Non-ISO Related Costs
<b>412</b>	282.000	Temp - Other	\$0	\$0			Gas and Other Non-ISO Related Costs
<b>413</b>	...						

	<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>	
<b>450</b>		Total Account 282	-\$9,464,558,141	-\$8,164,980,333	-\$1,299,577,808	\$0	\$0	Sum of Above Lines beginning on Line 400
<b>451</b>		Allocation Factors (Plant and Wages)				19.064%	6.0220%	27-Allocators Lines 22 and 9 respectively.
<b>452</b>		Total Account 282 ADIT (Sum of amounts in Columns 4 to 6)	-\$1,299,577,808		-\$1,299,577,808	\$0	\$0	Line 450 * Line 451 for Cols 5 and 6. Col. 4 100% ISO.
<b>453</b>		FERC Form 1 Account 282	-\$9,464,558,141					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&amp;2)</u>
		<u>per G/L</u>	<u>or Other Related</u>			<u>Related</u>	<u>Description</u>
Electric:							
500	283.000	Def Tax State - Other (GSI)	\$0	\$0	\$0		C: FERC-Related state deductions
501	283.000	Payroll Tax	\$0	\$0		\$0	C: Relates to employees in all functions
502	283.000	Ad Valorem Lien Date Adj-Electric	-\$81,776,003		-\$81,776,003		Relates to all Regulated Electric Property
503	283.000	State Rate Adjustment	\$0		\$0		Relates to all Regulated Electric Property
504	283.000	Refunding & Retirement of Debt	-\$69,744,052	-\$54,465	-\$69,689,587		C: Relates to all Regulated Electric Property
505	283.000	Health Care - IBNR	-\$1,343,194	-\$3,847		-\$1,339,347	C: Relates to employees in all functions
506	283.000	Balancing Accounts	-\$198,633,893	-\$198,633,893			Relates Entirely to CPUC Balancing Account Recovery
507	283.000	Capitalized Software	\$0	\$0			Property-Related CPUC Costs - Cap Software
508	283.000	Decommissioning	-\$359,836,108	-\$359,836,108			Relates to Nuclear Decommissioning Costs
509	283.000	Property/Non-ISO	\$0	\$0			Property-Related CPUC Costs
510	283.000	Repair Deduction/Non-ISO	\$0	\$0			Property-Related CPUC Costs - Repair
511	283.000	Regulatory Assets/Liab	-\$3,811,581	-\$3,811,581			Relates Entirely to CPUC Balancing Account Recovery
512	283.000	Temp - Other/Non-ISO	-\$77,909,261	-\$77,909,261			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&amp;2)</u>
		<u>per G/L</u>	<u>or Other Related</u>			<u>Related</u>	<u>Description</u>
Electric (continued):							
513	...						
650	Total Electric 283	-\$793,054,092	-\$640,249,154	\$0	-\$151,465,590	-\$1,339,347	Sum of Above Lines beginning on Line 500
Account 283 Gas and Other:							
	<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>(Instructions 1&amp;2)</u>
							<u>Description</u>
700	283.000	Balancing Accounts	\$0	\$0			Gas and Other Non-ISO Related Costs
701	283.000	Property/Non-Electric	\$0	\$0			Gas and Other Non-ISO Related Costs
702	283.000	Temp - Other/Non-Electric	-\$719,771	-\$719,771			Gas and Other Non-ISO Related Costs
703	283.000	Capitalized Software/Non-ISO	\$0	\$0			Gas and Other Non-ISO Related Costs
704	...						

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>
<b>800</b>	Total Account 283 Gas and Other	-\$719,771	-\$719,771	\$0	\$0	\$0	Sum of Above Lines beginning on Line 700
<b>801</b>	Total Account 283	-\$793,773,863	-\$640,968,925	\$0	-\$151,465,590	-\$1,339,347	Line 650 + Line 800
<b>802</b>	Allocation Factors (Plant and Wages)				19.064%	6.0220%	27-Allocators Lines 22 and 9 respectively.
<b>803</b>	Total Account 283 ADIT (Sum of amounts in Columns 4 to 6)	-\$28,956,508		\$0	-\$28,875,852	-\$80,656	Line 801 * Line 802 for Cols 5 and 6. Col. 4 100% ISO.
<b>804</b>	FERC Form 1 Account 283	-\$793,773,863	Must match amount on Line 801, Col. 2				FF1 277.19k

5) Normalization Adjustment for Unused Bonus Depreciation

<u>ACCT</u>	<u>IRC Section 168(i)(9) Normalization Adjustment</u>	<u>Col 2 END BAL per G/L</u>	<u>Col 3 Gas, Generation or Other Related</u>	<u>Col 4 ISO Only</u>	<u>Col 5 Plant Related</u>	<u>Col 6 Labor Related</u>	<u>Col 7 Description</u>
<b>805</b>	236 Federal Income Taxes Payable	\$0					FF1 263.3i - See Note 1
<b>806</b>	Interest Income Reclassification	\$0					See Note 2
<b>807</b>	Remaining Amount of FIT Payable	\$0					Line 805 + Line 806
<b>808</b>	Plant Allocation Factor				19.064%		See Note 3
<b>809</b>	IRC Section 168(i)(9) Normalization Adjustment (In Column 5)	\$0	\$0		\$0		- Line 807 * Line 808 for Column 5

Note 1: Only include if Federal Income Tax Account 236 payable in FF1 page 263 charged to Acct 409.1 or 408.1 in Column (i) is a negative amount (i.e., debit balance).

Note 2: Adjustment to exclude interest component related portion of Federal Income Taxes Payable on Line 805. The Interest Income Reclassification adjustment removes the interest income/expense amounts previously recorded and included in current tax expense. The purpose of the adjustment is to reflect only income tax amounts without any interest income/expense amounts. The amount is directly from SCE's accounting system.

Note 3: Allocate 'Remaining Amount of FIT Payable' based on Transmission Plant Allocation Factor (27-Allocators, Line 22) Remaining Amount is Gas, Generation, or Other Related.

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:

	<u>FERC Form 1 Reference or Instruction</u>	<u>Prior Year Value</u>
A:Total Electric Wages and Salaries	FF1 354.28b	\$754,196,482
B:Gas Wages and Salaries	FF1 355.62b	\$610,108
C:Water Wages and Salaries	FF1 355.64b	\$1,556,016
D:Total Electric, Gas, and Water Wages and Salaries	A+B+C	\$756,362,606
E:Labor Percentage "Gas, Generation, or Other"	(B+C) / D	0.2864%

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

	<u>FERC Form 1 Reference or Instruction</u>	<u>Prior Year Value</u>
F:Total Electric Plant In Service	FF1 207.104g	\$41,556,515,000
G:Total Gas Plant In Service	FF1 201.8d	\$5,142,307
H:Total Water Plant in Service	FF1 201.8e	\$27,335,471
I:Total Electric, Gas, and Water Plant In Service	F+G+H	\$41,588,992,778
J:Plant Percentage "Gas, Generation, or Other"	(G+H) / I	0.0781%

Instruction 3: For any balances in account 190 relating to "Executive Incentive Comp" or "Executive Incentive Plan", the amount included in Column 3 "Gas, Generation or Other Related" shall be 50% of the total balance in Column 1, plus an amount equal to the "Labor Percentage Gas, Generation, or Other" shown on Line E of Instruction 1 times 50% of the total balance in Column 1. The remaining amount shall be included in Column 6 "Labor Related".

Instruction 4: Classify any ADIT line items relating to refunding and retirement of debt as Plant related (Column 5).

Instruction 5: For any balances in account 190 relating to stock options, the entire amount is included in Column 3 "Gas, Generation or Other Related."



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>Eldorado Ivanpah</u>	<u>Lugo-Pisgah/</u>	<u>Red Bluff</u>
1	December	2014	\$756,348,470	\$680,873,754	\$89,733	\$0	\$0	\$3,445,383
2	January	2015	\$734,684,592	\$658,202,540	\$99,432	\$0	\$0	\$3,612,416
3	February	2015	\$780,026,728	\$699,934,160	\$100,839	\$0	\$0	\$5,020,613
4	March	2015	\$384,681,482	\$301,183,850	\$104,026	\$0	\$0	\$5,217,610
5	April	2015	\$178,384,255	\$87,770,148	\$111,890	\$0	\$0	\$6,944,483
6	May	2015	\$191,017,805	\$99,654,118	\$126,180	\$0	\$0	\$7,416,316
7	June	2015	\$216,687,637	\$121,421,439	\$132,174	\$0	\$0	\$7,591,057
8	July	2015	\$242,638,274	\$144,516,037	\$133,490	\$0	\$0	\$7,940,352
9	August	2015	\$259,488,519	\$158,363,930	\$45,789	\$0	\$0	\$8,134,394
10	September	2015	\$276,345,642	\$172,750,159	\$6,364	\$0	\$0	\$8,405,181
11	October	2015	\$294,726,185	\$190,065,568	\$0	\$0	\$0	\$8,409,465
12	November	2015	\$309,876,987	\$203,943,440	\$0	\$0	\$0	\$8,453,161
13	December	2015	<u>\$296,606,973</u>	<u>\$225,689,500</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$9,220,094</u>
14	13 Month Averages:		\$378,577,965	\$288,028,357	\$73,070	\$0	\$0	\$6,908,502
			<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>Line</u>	<u>Month</u>	<u>Year</u>	<u>Whirlwind Substation Expansion</u>	<u>Colorado River Substation Expansion</u>	<u>South of Kramer</u>	<u>West of Devers</u>		
15	December	2014	\$23,158	\$587,963	\$35,254,448	\$36,074,031		
16	January	2015	\$44,460	\$651,019	\$35,655,903	\$36,418,822		
17	February	2015	\$77,562	\$861,355	\$36,643,071	\$37,389,129		
18	March	2015	\$110,629	\$1,631,419	\$38,013,786	\$38,420,162		
19	April	2015	\$191,950	\$2,033,420	\$38,720,961	\$42,611,402		
20	May	2015	\$218,821	\$0	\$39,599,180	\$44,003,190		
21	June	2015	\$1,646,070	\$0	\$39,695,503	\$46,201,394		
22	July	2015	\$2,327,457	\$0	\$39,714,574	\$48,006,363		
23	August	2015	\$4,035,919	\$0	\$39,842,566	\$49,065,922		
24	September	2015	\$5,546,413	\$0	\$39,913,865	\$49,723,660		
25	October	2015	\$5,738,649	\$0	\$40,011,731	\$50,500,771		
26	November	2015	\$6,565,173	\$0	\$39,921,232	\$50,993,980		
27	December	2015	<u>\$6,769,087</u>	<u>\$0</u>	<u>\$2,844,116</u>	<u>\$52,084,176</u>		
28	13 Month Averages:		\$2,561,181	\$443,475	\$35,833,149	\$44,730,231	---	---

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 Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
29	December	2015	---	---	---	---	---	---	\$296,606,973	---
30	January	2016	\$10,674,686	\$800,601	\$11,475,288	\$11,400,758	\$9,581,618	\$136,436	\$296,545,067	-\$61,906
31	February	2016	\$14,883,313	\$1,116,248	\$15,999,561	\$3,282,071	\$0	\$246,155	\$309,016,403	\$12,409,430
32	March	2016	\$16,958,476	\$1,271,886	\$18,230,361	\$1,078,327	\$0	\$80,875	\$326,087,563	\$29,480,590
33	April	2016	\$17,636,672	\$1,322,750	\$18,959,423	\$2,056,444	\$210,499	\$138,446	\$342,852,096	\$46,245,123
34	May	2016	\$15,210,717	\$1,140,804	\$16,351,520	\$2,318,944	\$0	\$173,921	\$356,710,751	\$60,103,778
35	June	2016	\$16,516,478	\$1,238,736	\$17,755,214	\$1,785,944	\$0	\$133,946	\$372,546,074	\$75,939,101
36	July	2016	\$16,492,034	\$1,236,903	\$17,728,936	\$1,758,944	\$0	\$131,921	\$388,384,145	\$91,777,172
37	August	2016	\$15,032,210	\$1,127,416	\$16,159,625	\$1,634,644	\$0	\$122,598	\$402,786,528	\$106,179,555
38	September	2016	\$13,416,514	\$1,006,239	\$14,422,752	\$1,631,444	\$0	\$122,358	\$415,455,478	\$118,848,505
39	October	2016	\$9,779,688	\$733,477	\$10,513,164	\$322,116,773	\$225,327,977	\$7,259,160	\$96,592,709	-\$200,014,264
40	November	2016	\$9,330,909	\$699,818	\$10,030,727	\$4,401,444	\$0	\$330,108	\$101,891,883	-\$194,715,090
41	December	2016	\$16,918,087	\$1,268,857	\$18,186,944	\$10,929,483	\$0	\$819,711	\$108,329,633	-\$188,277,340
42	January	2017	\$3,814,753	\$286,106	\$4,100,859	\$0	\$0	\$0	\$112,430,492	-\$184,176,481
43	February	2017	\$16,163,544	\$1,212,266	\$17,375,809	\$35,027,943	\$6,558,587	\$2,135,202	\$92,643,157	-\$203,963,816
44	March	2017	\$7,163,544	\$537,266	\$7,700,809	\$100,000	\$0	\$7,500	\$100,236,466	-\$196,370,507
45	April	2017	\$8,063,544	\$604,766	\$8,668,309	\$0	\$0	\$0	\$108,904,776	-\$187,702,197
46	May	2017	\$17,198,776	\$1,289,908	\$18,488,684	\$0	\$0	\$0	\$127,393,460	-\$169,213,513
47	June	2017	\$27,198,776	\$2,039,908	\$29,238,684	\$0	\$0	\$0	\$156,632,144	-\$139,974,829
48	July	2017	\$37,166,776	\$2,787,508	\$39,954,284	\$0	\$0	\$0	\$196,586,428	-\$100,020,545
49	August	2017	\$37,166,776	\$2,787,508	\$39,954,284	\$0	\$0	\$0	\$236,540,713	-\$60,066,260
50	September	2017	\$37,131,776	\$2,784,883	\$39,916,659	\$0	\$0	\$0	\$276,457,372	-\$20,149,601
51	October	2017	\$33,976,776	\$2,548,258	\$36,525,034	\$0	\$0	\$0	\$312,982,406	\$16,375,433
52	November	2017	\$15,714,776	\$1,178,608	\$16,893,384	\$0	\$0	\$0	\$329,875,791	\$33,268,818
53	December	2017	\$15,743,776	\$1,180,783	\$16,924,559	\$0	\$0	\$0	\$346,800,350	\$50,193,377
54	13-Month Averages:									-\$103,852,112

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 * 16-Plnt Add Line 74	= C1 * 16-Plnt Add Line 74	= C1 + C2	Unloaded Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
55	December	2015	---	---	---	---	---	---	\$225,689,500	---
56	January	2016	\$10,337,897	\$775,342	\$11,113,239	\$2,254,405	\$361,524	\$141,966	\$234,406,368	\$8,716,868
57	February	2016	\$14,251,567	\$1,068,868	\$15,320,435	\$3,367,224	\$0	\$252,542	\$246,107,038	\$20,417,537
58	March	2016	\$13,267,607	\$995,071	\$14,262,678	\$1,028,114	\$0	\$77,109	\$259,264,493	\$33,574,992
59	April	2016	\$12,821,444	\$961,608	\$13,783,053	\$1,823,944	\$0	\$136,796	\$271,086,805	\$45,397,305
60	May	2016	\$13,373,944	\$1,003,046	\$14,376,990	\$2,268,944	\$0	\$170,171	\$283,024,680	\$57,335,180
61	June	2016	\$14,066,944	\$1,055,021	\$15,121,965	\$1,731,944	\$0	\$129,896	\$296,284,805	\$70,595,305
62	July	2016	\$12,186,944	\$914,021	\$13,100,965	\$1,731,944	\$0	\$129,896	\$307,523,930	\$81,834,430
63	August	2016	\$10,539,644	\$790,473	\$11,330,118	\$1,634,644	\$0	\$122,598	\$317,096,805	\$91,407,305
64	September	2016	\$8,417,444	\$631,308	\$9,048,753	\$1,631,444	\$0	\$122,358	\$324,391,755	\$98,702,255
65	October	2016	\$4,636,444	\$347,733	\$4,984,178	\$322,116,773	\$225,327,977	\$7,259,160	\$0	-\$225,689,500
66	November	2016	\$4,401,444	\$330,108	\$4,731,553	\$4,401,444	\$0	\$330,108	\$0	-\$225,689,500
67	December	2016	\$10,929,483	\$819,711	\$11,749,194	\$10,929,483	\$0	\$819,711	\$0	-\$225,689,500
68	January	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
69	February	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
70	March	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
71	April	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
72	May	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
73	June	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
74	July	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
75	August	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
76	September	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
77	October	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
78	November	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
79	December	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$225,689,500
80	13-Month Averages:									-\$225,689,500

3b) Project:

Devers to Colorado River

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	
			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	2015	---	---	---	---	---	---	---	---	
82	January	2016	-\$4,980	-\$374	-\$5,354	-\$4,980	\$0	-\$374	\$0	\$0	
83	February	2016	-\$28,594	-\$2,145	-\$30,739	-\$28,594	\$0	-\$2,145	\$0	\$0	
84	March	2016	\$6,166	\$462	\$6,629	\$6,166	\$0	\$462	\$0	\$0	
85	April	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
86	May	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
87	June	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
88	July	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
89	August	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
90	September	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
91	October	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
92	November	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
93	December	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
94	January	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
95	February	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
96	March	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
97	April	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
98	May	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
99	June	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
100	July	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
101	August	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
102	September	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
103	October	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
104	November	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
105	December	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
106	13-Month Averages:										\$0

3c) Project:

Eldorado Ivanpah

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	2015	---	---	---	---	---	---
108	January	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
109	February	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
110	March	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
111	April	2016	-\$24,000	-\$1,800	-\$25,800	-\$24,000	\$0	-\$1,800	\$0	\$0	
112	May	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
113	June	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
114	July	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
115	August	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
116	September	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
117	October	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
118	November	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
119	December	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
120	January	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
121	February	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
122	March	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
123	April	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
124	May	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
125	June	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
126	July	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
127	August	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
128	September	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
129	October	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
130	November	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
131	December	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
132	13-Month Averages:										\$0

3d) Project:

Lugo Pisgah

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
133	December	2015	---	---	---	---	---	---	\$0	---
134	January	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
135	February	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
136	March	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
137	April	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
138	May	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
139	June	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
140	July	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
141	August	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
142	September	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
143	October	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
144	November	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
145	December	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
146	January	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
147	February	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
148	March	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
149	April	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
150	May	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
151	June	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
152	July	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
153	August	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
154	September	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
155	October	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
156	November	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
157	December	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
158	13-Month Averages:									
										\$0

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	2015	---	---	---	---	---	---	\$9,220,094	---
160	January	2016	-\$73,717	-\$5,529	-\$79,246	\$9,146,377	\$9,220,094	-\$5,529	\$0	-\$9,220,094
161	February	2016	-\$59,264	-\$4,445	-\$63,709	-\$59,264	\$0	-\$4,445	\$0	-\$9,220,094
162	March	2016	\$2,053	\$154	\$2,207	\$2,053	\$0	\$154	\$0	-\$9,220,094
163	April	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
164	May	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
165	June	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
166	July	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
167	August	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
168	September	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
169	October	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
170	November	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
171	December	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
172	January	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
173	February	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
174	March	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
175	April	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
176	May	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
177	June	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
178	July	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
179	August	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
180	September	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
181	October	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
182	November	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
183	December	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$9,220,094
184	13-Month Averages:									
										-\$9,220,094

3f) Project: Whirlwind Substation Expansion

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
			Forecast Expenditures	Corporate Overheads	Total CWIP Exp	Unload Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Forecast Period CWIP	Forecast Period Incremental CWIP
185	December	2015	---	---	---	---	---	---	---	---
186	January	2016	\$27,402	\$2,055	\$29,457	\$1,000	\$0	\$75	\$6,797,468	\$28,382
187	February	2016	\$451,536	\$33,865	\$485,401	\$0	\$0	\$0	\$7,282,869	\$513,783
188	March	2016	\$2,930,418	\$219,781	\$3,150,199	\$0	\$0	\$0	\$10,433,068	\$3,663,982
189	April	2016	\$4,395,000	\$329,625	\$4,724,625	\$256,499	\$210,499	\$3,450	\$14,897,744	\$8,128,658
190	May	2016	\$1,150,000	\$86,250	\$1,236,250	\$50,000	\$0	\$3,750	\$16,080,244	\$9,311,158
191	June	2016	\$1,154,000	\$86,550	\$1,240,550	\$54,000	\$0	\$4,050	\$17,262,744	\$10,493,658
192	July	2016	\$2,527,000	\$189,525	\$2,716,525	\$27,000	\$0	\$2,025	\$19,950,244	\$13,181,158
193	August	2016	\$2,500,000	\$187,500	\$2,687,500	\$0	\$0	\$0	\$22,637,744	\$15,868,658
194	September	2016	\$3,000,000	\$225,000	\$3,225,000	\$0	\$0	\$0	\$25,862,744	\$19,093,658
195	October	2016	\$3,000,000	\$225,000	\$3,225,000	\$0	\$0	\$0	\$29,087,744	\$22,318,658
196	November	2016	\$3,000,000	\$225,000	\$3,225,000	\$0	\$0	\$0	\$32,312,744	\$25,543,658
197	December	2016	\$4,112,000	\$308,400	\$4,420,400	\$0	\$0	\$0	\$36,733,144	\$29,964,058
198	January	2017	\$300,000	\$22,500	\$322,500	\$0	\$0	\$0	\$37,055,644	\$30,286,558
199	February	2017	\$100,000	\$7,500	\$107,500	\$35,027,943	\$6,558,587	\$2,135,202	\$0	-\$6,769,087
200	March	2017	\$100,000	\$7,500	\$107,500	\$100,000	\$0	\$7,500	\$0	-\$6,769,087
201	April	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$6,769,087
202	May	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$6,769,087
203	June	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$6,769,087
204	July	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$6,769,087
205	August	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$6,769,087
206	September	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$6,769,087
207	October	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$6,769,087
208	November	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$6,769,087
209	December	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$6,769,087
210	13-Month Averages:									-\$1,093,026

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	2015	---	---	---	---	---
212	January	2016	\$3,956	\$297	\$4,253	\$3,956	\$0	\$297	\$0	\$0
213	February	2016	\$2,705	\$203	\$2,908	\$2,705	\$0	\$203	\$0	\$0
214	March	2016	\$41,993	\$3,149	\$45,142	\$41,993	\$0	\$3,149	\$0	\$0
215	April	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
216	May	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
217	June	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
218	July	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
219	August	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
220	September	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
221	October	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
222	November	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
223	December	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
224	January	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
225	February	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
226	March	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
227	April	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
228	May	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
229	June	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
230	July	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
231	August	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
232	September	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
233	October	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
234	November	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
235	December	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
236	13-Month Averages:									\$0

3h) Project:

South of Kramer

Line	Month	Year	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
			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	2015	---	---	---	---	---	---	---	---
238	January	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$2,844,116	\$0
239	February	2016	\$0	\$0	\$0	\$0	\$0	\$0	\$2,844,116	\$0
240	March	2016	\$39,121	\$2,934	\$42,055	\$0	\$0	\$0	\$2,886,171	\$42,055
241	April	2016	\$80,000	\$6,000	\$86,000	\$0	\$0	\$0	\$2,972,171	\$128,055
242	May	2016	\$316,343	\$23,726	\$340,069	\$0	\$0	\$0	\$3,312,240	\$468,124
243	June	2016	\$316,343	\$23,726	\$340,069	\$0	\$0	\$0	\$3,652,309	\$808,193
244	July	2016	\$316,343	\$23,726	\$340,069	\$0	\$0	\$0	\$3,992,378	\$1,148,262
245	August	2016	\$316,343	\$23,726	\$340,069	\$0	\$0	\$0	\$4,332,447	\$1,488,331
246	September	2016	\$316,343	\$23,726	\$340,069	\$0	\$0	\$0	\$4,672,516	\$1,828,400
247	October	2016	\$316,343	\$23,726	\$340,069	\$0	\$0	\$0	\$5,012,585	\$2,168,469
248	November	2016	\$316,343	\$23,726	\$340,069	\$0	\$0	\$0	\$5,352,654	\$2,508,538
249	December	2016	\$316,343	\$23,726	\$340,069	\$0	\$0	\$0	\$5,692,723	\$2,848,607
250	January	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$5,936,508	\$3,092,392
251	February	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$6,180,292	\$3,336,176
252	March	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$6,424,076	\$3,579,960
253	April	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$6,667,861	\$3,823,745
254	May	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$6,911,645	\$4,067,529
255	June	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$7,155,429	\$4,311,313
256	July	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$7,399,213	\$4,555,097
257	August	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$7,642,998	\$4,798,882
258	September	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$7,886,782	\$5,042,666
259	October	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$8,130,566	\$5,286,450
260	November	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$8,374,351	\$5,530,235
261	December	2017	\$226,776	\$17,008	\$243,784	\$0	\$0	\$0	\$8,618,135	\$5,774,019
262	13-Month Averages:									\$4,311,313

3i) Project:

West of Devers

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	2015	---	---	---	---	---
264	January	2016	\$384,129	\$28,810	\$412,939	\$0	\$0	\$0	\$52,497,114	\$412,939
265	February	2016	\$265,363	\$19,902	\$285,265	\$0	\$0	\$0	\$52,782,380	\$698,204
266	March	2016	\$671,117	\$50,334	\$721,451	\$0	\$0	\$0	\$53,503,830	\$1,419,655
267	April	2016	\$364,228	\$27,317	\$391,545	\$0	\$0	\$0	\$53,895,376	\$1,811,200
268	May	2016	\$370,429	\$27,782	\$398,211	\$0	\$0	\$0	\$54,293,587	\$2,209,411
269	June	2016	\$979,190	\$73,439	\$1,052,629	\$0	\$0	\$0	\$55,346,216	\$3,262,040
270	July	2016	\$1,461,746	\$109,631	\$1,571,377	\$0	\$0	\$0	\$56,917,593	\$4,833,417
271	August	2016	\$1,676,222	\$125,717	\$1,801,939	\$0	\$0	\$0	\$58,719,532	\$6,635,356
272	September	2016	\$1,682,726	\$126,204	\$1,808,930	\$0	\$0	\$0	\$60,528,462	\$8,444,286
273	October	2016	\$1,826,900	\$137,018	\$1,963,918	\$0	\$0	\$0	\$62,492,379	\$10,408,204
274	November	2016	\$1,613,121	\$120,984	\$1,734,105	\$0	\$0	\$0	\$64,226,485	\$12,142,309
275	December	2016	\$1,560,261	\$117,020	\$1,677,281	\$0	\$0	\$0	\$65,903,765	\$13,819,589
276	January	2017	\$3,287,977	\$246,598	\$3,534,575	\$0	\$0	\$0	\$69,438,340	\$17,354,164
277	February	2017	\$15,836,767	\$1,187,758	\$17,024,525	\$0	\$0	\$0	\$86,462,865	\$34,378,689
278	March	2017	\$6,836,767	\$512,758	\$7,349,525	\$0	\$0	\$0	\$93,812,390	\$41,728,214
279	April	2017	\$7,836,767	\$587,758	\$8,424,525	\$0	\$0	\$0	\$102,236,915	\$50,152,739
280	May	2017	\$16,972,000	\$1,272,900	\$18,244,900	\$0	\$0	\$0	\$120,481,815	\$68,397,639
281	June	2017	\$26,972,000	\$2,022,900	\$28,994,900	\$0	\$0	\$0	\$149,476,715	\$97,392,539
282	July	2017	\$36,940,000	\$2,770,500	\$39,710,500	\$0	\$0	\$0	\$189,187,215	\$137,103,039
283	August	2017	\$36,940,000	\$2,770,500	\$39,710,500	\$0	\$0	\$0	\$228,897,715	\$176,813,539
284	September	2017	\$36,905,000	\$2,767,875	\$39,672,875	\$0	\$0	\$0	\$268,570,590	\$216,486,414
285	October	2017	\$33,750,000	\$2,531,250	\$36,281,250	\$0	\$0	\$0	\$304,851,840	\$252,767,664
286	November	2017	\$15,488,000	\$1,161,600	\$16,649,600	\$0	\$0	\$0	\$321,501,440	\$269,417,264
287	December	2017	\$15,517,000	\$1,163,775	\$16,680,775	\$0	\$0	\$0	\$338,182,215	\$286,098,039
288	13-Month Averages:									\$127,839,195

3) Project: add additional projects below this line (See Instruction 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>		
		= 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		
<u>Line</u>	<u>Month</u>	<u>Year</u>	<u>Forecast Expenditures</u>	<u>Corporate Overheads</u>	<u>Total CWIP Exp</u>	<u>Unloaded Total Plant Adds</u>	<u>Prior Period CWIP Closed</u>	<u>Over Heads Closed to PIS</u>	<u>Forecast Period CWIP</u>	<u>Forecast Period Incremental CWIP</u>
289	December	2015	---	---	---	---	---	---	\$0	---
290	January	2016		\$0	\$0			\$0	\$0	\$0
291	February	2016		\$0	\$0			\$0	\$0	\$0
292	March	2016		\$0	\$0			\$0	\$0	\$0
293	April	2016		\$0	\$0			\$0	\$0	\$0
294	May	2016		\$0	\$0			\$0	\$0	\$0
295	June	2016		\$0	\$0			\$0	\$0	\$0
296	July	2016		\$0	\$0			\$0	\$0	\$0
297	August	2016		\$0	\$0			\$0	\$0	\$0
298	September	2016		\$0	\$0			\$0	\$0	\$0
299	October	2016		\$0	\$0			\$0	\$0	\$0
300	November	2016		\$0	\$0			\$0	\$0	\$0
301	December	2016		\$0	\$0			\$0	\$0	\$0
302	January	2017		\$0	\$0			\$0	\$0	\$0
303	February	2017		\$0	\$0			\$0	\$0	\$0
304	March	2017		\$0	\$0			\$0	\$0	\$0
305	April	2017		\$0	\$0			\$0	\$0	\$0
306	May	2017		\$0	\$0			\$0	\$0	\$0
307	June	2017		\$0	\$0			\$0	\$0	\$0
308	July	2017		\$0	\$0			\$0	\$0	\$0
309	August	2017		\$0	\$0			\$0	\$0	\$0
310	September	2017		\$0	\$0			\$0	\$0	\$0
311	October	2017		\$0	\$0			\$0	\$0	\$0
312	November	2017		\$0	\$0			\$0	\$0	\$0
313	December	2017		\$0	\$0			\$0	\$0	\$0
314	<b>13-Month Averages:</b>									<b>\$0</b>

**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	\$16,261,747	FF1 page 214.47d

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

	<u>Col 1</u>	<u>Col 2</u> Type	<u>Col 3</u>	<u>Col 4</u>	<u>Col 5</u>
	<u>Description</u>	<u>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:	6.022%	6.022%	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	\$6,319,593	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.

Orders Providing for Abandoned Plant Cost Recovery:	Project	Commission Order

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.

Line		Amount for Prior Year	Note:
1	Abandoned Plant Amortization Expense:	\$0	Sum of projects below for PY.
2	Abandoned Plant (BOY):	\$0	Sum of projects below for PY.
3	Abandoned Plant (EOY):	\$0	Sum of projects below for PY.
4	Abandoned Plant (BOY/EOY Average):	\$0	Average of Lines 2 and 3.

5 First Project: **Fill in Name** 2nd Project: **Fill in Name**

Year	EOY Abandoned Plant	EOY HV Abandoned Plant (Note 1)	Abandoned Plant Amort. Expense	EOY Abandoned Plant	EOY HV Abandoned Plant (Note 1)	Abandoned Plant Amort. Expense
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
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27						
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29						
30						
31						

**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 2035 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	2014	FF1 227.12b	\$268,228,990	Beginning of year ("BOY") amount
2	January	2015	SCE Records	\$268,593,818	
3	February	2015	SCE Records	\$270,938,602	
4	March	2015	SCE Records	\$274,280,688	
5	April	2015	SCE Records	\$277,578,314	
6	May	2015	SCE Records	\$277,654,774	
7	June	2015	SCE Records	\$255,157,376	
8	July	2015	SCE Records	\$256,304,348	
9	August	2015	SCE Records	\$252,768,632	
10	September	2015	SCE Records	\$251,343,933	
11	October	2015	SCE Records	\$254,015,444	
12	November	2015	SCE Records	\$252,177,561	
13	December	2015	FF1 227.12c	\$251,648,702	
14	13-Month Average Value Account 154:			\$262,360,860	(Sum Line 1 to Line 13) / 13
15	Transmission Wages and Salaries AF:			6.0220%	
16	<b>Materials and Supplies</b> EOY Value:			\$15,154,307	Line 13 * Line 15
17	13-Month Average Value:			\$15,799,394	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.

	Month	Year	Data Source	Total Prepayments Balances	Notes
18	December	2014	Note 1, c	\$88,925,394	See Note 1, c
19	January	2015	SCE Records	\$86,123,498	
20	February	2015	SCE Records	\$83,470,758	
21	March	2015	SCE Records	\$71,913,979	
22	April	2015	SCE Records	\$107,967,484	
23	May	2015	SCE Records	\$73,406,081	
24	June	2015	SCE Records	\$104,324,621	
25	July	2015	SCE Records	\$99,328,636	
26	August	2015	SCE Records	\$93,490,849	
27	September	2015	SCE Records	\$71,609,545	
28	October	2015	SCE Records	\$58,284,761	
29	November	2015	SCE Records	\$66,475,173	
30	December	2015	Note 1, f	\$91,007,488	
<b>a) 13-Month Average Calculation</b>					
31	13-Month Average Value:			\$84,332,944	(Sum Line 18 to Line 30) / 13
32	Transmission Wages and Salaries AF:			6.0220%	
33	Prepayments:			\$5,078,537	Line 31 * Line 32
<b>b) EOY calculation</b>					
34	EOY Value:			\$91,007,488	Line 30
35	Transmission Wages and Salaries AF:			6.0220%	27-Allocators, Line 9
36	Prepayments:			\$5,480,479	Line 34 * Line 35

Notes:

1) Remove any amounts related to years prior to the effective date of the formula on b and e below.

Beginning of Year Amount		Prepayments Balances	Source
a	FERC Form 1 Acct. 165 Recorded Amount:	\$88,925,394	FF1 111.57d
b	Prior Period Adjustment:	\$0	Note 1
c	BOY Prepayments Amount:	\$88,925,394	a - b
End of Year Amount		Prepayments Balances	Source
d	FERC Form 1 Acct. 165 Recorded Amount:	\$91,007,488	FF1 111.57c
e	Prior Period Adjustment:	\$0	Note 1
f	EOY Prepayments Amount:	\$91,007,488	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	\$225,689,500	\$288,028,357	-\$225,689,500	10-CWIP Lines 13, 14, and 80
2	2) Devers-Colorado River	\$0	\$73,070	\$0	10-CWIP Lines 13, 14, and 106
3	3) Eldorado-Ivanpah	\$0	\$0	\$0	10-CWIP Lines 13, 14, and 132
4	4) Lugo-Pisgah	\$0	\$0	\$0	10-CWIP Lines 13, 14, and 158
5	5) Red Bluff	\$9,220,094	\$6,908,502	-\$9,220,094	10-CWIP Lines 13, 14, and 184
6	6) Whirlwind Substation Exp.	\$6,769,087	\$2,561,181	-\$1,093,026	10-CWIP Lines 27, 28, and 210
7	7) Colorado River Sub. Exp.	\$0	\$443,475	\$0	10-CWIP Lines 27, 28, and 236
8	8) South of Kramer	\$2,844,116	\$35,833,149	\$4,311,313	10-CWIP Lines 27, 28, and 262
9	9) West of Devers	\$52,084,176	\$44,730,231	\$127,839,195	10-CWIP Lines 27, 28, and 288
10	...	---	---	---	---
11					
12	Totals:	\$296,606,973	\$378,577,965	-\$103,852,112	

**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	\$159,718,239	\$0	\$159,718,239	Line 37, C4
14	2) Tehachapi	\$2,721,169,268	\$225,689,500	\$2,495,479,768	Line 1, C1, and Line 37, C2
15	3) Devers-Colorado River	\$729,082,808	\$0	\$729,082,808	Line 2, C1, and Line 37, C3
16	...	---	---	---	---
17					
18	Total PY Incentive Net Plant:	\$3,609,970,314			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	\$162,088,990	\$0	\$162,088,990	Line 38, C4
20	2) Tehachapi	\$2,627,490,665	\$288,028,357	\$2,339,462,308	Line 1, C2, and Line 38, C2
21	3) Devers-Colorado R	\$739,286,360	\$73,070	\$739,213,289	Line 2, C2, and Line 38, C3
22	...	---	---	---	---
23					
24	Total PY Incentive Net Plant:	\$3,528,866,014			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>Year</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>	
25	December	2014	\$2,762,002,116	\$1,848,586,993	\$748,945,429	\$164,469,694	---
26	January	2015	\$2,803,561,863	\$1,891,956,110	\$747,531,022	\$164,074,731	---
27	February	2015	\$2,795,645,022	\$1,885,717,377	\$746,261,439	\$163,666,205	---
28	March	2015	\$3,194,942,491	\$2,287,372,677	\$744,298,543	\$163,271,271	---
29	April	2015	\$3,417,377,181	\$2,511,443,084	\$743,057,761	\$162,876,336	---
30	May	2015	\$3,414,784,701	\$2,510,980,942	\$741,322,357	\$162,481,401	---
31	June	2015	\$3,403,811,901	\$2,502,757,830	\$738,967,605	\$162,086,467	---
32	July	2015	\$3,399,442,503	\$2,500,340,950	\$737,410,021	\$161,691,532	---
33	August	2015	\$3,397,597,625	\$2,500,420,969	\$735,880,007	\$161,296,650	---
34	September	2015	\$3,392,223,465	\$2,496,995,373	\$734,325,043	\$160,903,050	---
35	October	2015	\$3,384,264,357	\$2,491,625,763	\$732,130,482	\$160,508,113	---
36	November	2015	\$3,380,005,586	\$2,489,332,166	\$730,560,244	\$160,113,176	---
37	December	2015	<u>\$3,384,280,814</u>	<u>\$2,495,479,768</u>	<u>\$729,082,808</u>	<u>\$159,718,239</u>	---
38	13 Month Averages:		\$3,240,764,587	\$2,339,462,308	\$739,213,289	\$162,088,990	

←December of year previous to Prior Year

5) Total Transmission Activity for Incentive Projects

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	
	<u>Prior Year Month</u>	<u>Year</u>	<u>Total Transmission Activity for Incentive Projects</u>	<u>Account 360-362 Activity</u>	<u>Account 350-359 Activity for Incentive Projects</u>
39	December	2014	\$0	\$0	\$0
40	January	2015	\$47,678,424	\$0	\$47,678,424
41	February	2015	-\$1,579,879	\$0	-\$1,579,879
42	March	2015	\$405,673,040	\$0	\$405,673,040
43	April	2015	\$229,804,484	\$0	\$229,804,484
44	May	2015	\$4,846,482	\$0	\$4,846,482
45	June	2015	-\$717,223	\$0	-\$717,223
46	July	2015	\$4,296,331	\$0	\$4,296,331
47	August	2015	\$5,780,203	\$0	\$5,780,203
48	September	2015	\$2,334,923	\$0	\$2,334,923
49	October	2015	-\$159,991	\$0	-\$159,991
50	November	2015	\$1,175,858	\$0	\$1,175,858
51	December	2015	<u>\$14,285,018</u>	<u>\$0</u>	<u>\$14,285,018</u>
52	Total		\$713,417,670	\$0	\$713,417,670

C1: Sum of below projects for each month

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>Year</u>	<u>Plant In-Service</u>	<u>Accumulated Depreciation</u>	<u>Net Plant In Service</u>
53	December	2014	\$1,953,449,287	\$104,862,295	\$1,848,586,993
54	January	2015	\$2,000,965,180	\$109,009,070	\$1,891,956,110
55	February	2015	\$1,998,982,914	\$113,265,537	\$1,885,717,377
56	March	2015	\$2,404,889,628	\$117,516,951	\$2,287,372,677
57	April	2015	\$2,634,134,061	\$122,690,977	\$2,511,443,084
58	May	2015	\$2,639,281,799	\$128,300,857	\$2,510,980,942
59	June	2015	\$2,636,679,091	\$133,921,262	\$2,502,757,830
60	July	2015	\$2,639,874,992	\$139,534,043	\$2,500,340,950
61	August	2015	\$2,645,574,628	\$145,153,659	\$2,500,420,969
62	September	2015	\$2,647,780,916	\$150,785,543	\$2,496,995,373
63	October	2015	\$2,648,047,720	\$156,421,957	\$2,491,625,763
64	November	2015	\$2,651,391,578	\$162,059,412	\$2,489,332,166
65	December	2015	<u>\$2,663,183,372</u>	<u>\$167,703,605</u>	<u>\$2,495,479,768</u>

= C1 - Previous Month C1

<b>b) Rancho Vista</b>		<b>Col 1</b>	<b>Col 2</b>	<b>Col 3</b> = C1 - C2	<b>Col 4</b> = C1 - Previous Month C1	
<b>Prior Year Month</b>	<b>Year</b>	<b>Plant In-Service</b>	<b>Accumulated Depreciation</b>	<b>Net Plant In Service</b>	<b>Transmission Activity</b>	
66	December	2014	\$191,520,883	\$27,051,189	\$164,469,694	\$0
67	January	2015	\$191,520,883	\$27,446,152	\$164,074,731	\$0
68	February	2015	\$191,507,321	\$27,841,116	\$163,666,205	-\$13,562
69	March	2015	\$191,507,321	\$28,236,051	\$163,271,271	\$0
70	April	2015	\$191,507,321	\$28,630,985	\$162,876,336	\$0
71	May	2015	\$191,507,321	\$29,025,920	\$162,481,401	\$0
72	June	2015	\$191,507,321	\$29,420,855	\$162,086,467	\$0
73	July	2015	\$191,507,321	\$29,815,789	\$161,691,532	\$0
74	August	2015	\$191,507,373	\$30,210,724	\$161,296,650	\$52
75	September	2015	\$191,508,708	\$30,605,659	\$160,903,050	\$1,335
76	October	2015	\$191,508,708	\$31,000,595	\$160,508,113	\$0
77	November	2015	\$191,508,708	\$31,395,532	\$160,113,176	\$0
78	December	2015	\$191,508,708	\$31,790,469	\$159,718,239	\$0

<b>c) Devers to Colorado River</b>		<b>Col 1</b>	<b>Col 2</b>	<b>Col 3</b> = C1 - C2	<b>Col 4</b> = C1 - Previous Month C1	
<b>Prior Year Month</b>	<b>Year</b>	<b>Plant In-Service</b>	<b>Accumulated Depreciation</b>	<b>Net Plant In Service</b>	<b>Transmission Activity</b>	
79	December	2014	\$775,358,368	\$26,412,938	\$748,945,429	\$0
80	January	2015	\$775,599,980	\$28,068,958	\$747,531,022	\$241,612
81	February	2015	\$775,987,009	\$29,725,570	\$746,261,439	\$387,029
82	March	2015	\$775,681,611	\$31,383,068	\$744,298,543	-\$305,398
83	April	2015	\$776,097,690	\$33,039,929	\$743,057,761	\$416,079
84	May	2015	\$776,020,133	\$34,697,776	\$741,322,357	-\$77,557
85	June	2015	\$775,323,095	\$36,355,490	\$738,967,605	-\$697,039
86	July	2015	\$775,421,460	\$38,011,438	\$737,410,021	\$98,365
87	August	2015	\$775,547,575	\$39,667,568	\$735,880,007	\$126,115
88	September	2015	\$775,649,007	\$41,323,964	\$734,325,043	\$101,432
89	October	2015	\$775,111,055	\$42,980,574	\$732,130,482	-\$537,952
90	November	2015	\$775,196,292	\$44,636,048	\$730,560,244	\$85,237
91	December	2015	\$775,374,513	\$46,291,706	\$729,082,808	\$178,221

<b>d) Eldorado Ivanpah</b>		<b>Col 1</b>	<b>Col 2</b>	<b>Col 3</b> = C1 - C2	<b>Col 4</b> = C1 - Previous Month C1	
<b>Prior Year Month</b>	<b>Year</b>	<b>Plant In-Service</b>	<b>Accumulated Depreciation</b>	<b>Net Plant In Service</b>	<b>Transmission Activity</b>	
92	December	2014	\$315,362,756	\$12,420,969	\$302,941,786	\$0
93	January	2015	\$315,278,807	\$13,156,614	\$302,122,193	-\$83,949
94	February	2015	\$315,263,674	\$13,892,083	\$301,371,591	-\$15,133
95	March	2015	\$315,318,230	\$14,627,522	\$300,690,708	\$54,556
96	April	2015	\$315,436,000	\$15,363,074	\$300,072,925	\$117,770
97	May	2015	\$315,360,035	\$16,098,873	\$299,261,163	-\$75,964
98	June	2015	\$315,363,425	\$16,834,514	\$298,528,911	\$3,390
99	July	2015	\$315,717,067	\$17,570,162	\$298,146,905	\$353,642
100	August	2015	\$315,717,304	\$18,306,301	\$297,411,003	\$237
101	September	2015	\$315,717,649	\$19,042,440	\$296,675,209	\$345
102	October	2015	\$315,716,349	\$19,778,579	\$295,937,770	-\$1,299
103	November	2015	\$315,711,681	\$20,515,130	\$295,196,550	-\$4,669
104	December	2015	\$315,716,882	\$21,251,671	\$294,465,211	\$5,201

e) Lugo Pisgah

		<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	2014	\$0	\$0	\$0
106	January	2015	\$0	\$0	\$0
107	February	2015	\$0	\$0	\$0
108	March	2015	\$0	\$0	\$0
109	April	2015	\$0	\$0	\$0
110	May	2015	\$0	\$0	\$0
111	June	2015	\$0	\$0	\$0
112	July	2015	\$0	\$0	\$0
113	August	2015	\$0	\$0	\$0
114	September	2015	\$0	\$0	\$0
115	October	2015	\$0	\$0	\$0
116	November	2015	\$0	\$0	\$0
117	December	2015	\$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	2014	\$225,899,761	\$7,969,659	\$217,930,102
119	January	2015	\$225,899,761	\$8,444,382	\$217,455,379
120	February	2015	\$225,900,092	\$8,919,105	\$216,980,987
121	March	2015	\$225,904,431	\$9,393,829	\$216,510,603
122	April	2015	\$225,906,410	\$9,868,561	\$216,037,848
123	May	2015	\$225,906,654	\$10,343,298	\$215,563,356
124	June	2015	\$225,936,315	\$10,818,035	\$215,118,280
125	July	2015	\$226,459,682	\$11,292,833	\$215,166,849
126	August	2015	\$226,454,461	\$11,768,753	\$214,685,709
127	September	2015	\$226,455,093	\$12,244,657	\$214,210,436
128	October	2015	\$226,464,488	\$12,720,563	\$213,743,925
129	November	2015	\$224,178,102	\$13,196,488	\$210,981,615
130	December	2015	\$226,465,462	\$13,667,285	\$212,798,176

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	2014	\$53,764,367	\$373,129	\$53,391,238
132	January	2015	\$53,768,091	\$483,856	\$53,284,235
133	February	2015	\$53,811,813	\$594,591	\$53,217,223
134	March	2015	\$53,824,642	\$705,415	\$53,119,227
135	April	2015	\$53,848,866	\$816,267	\$53,032,600
136	May	2015	\$53,700,888	\$927,167	\$52,773,720
137	June	2015	\$53,717,002	\$1,037,764	\$52,679,239
138	July	2015	\$53,721,384	\$1,148,393	\$52,572,991
139	August	2015	\$53,632,406	\$1,259,032	\$52,373,374
140	September	2015	\$53,632,678	\$1,369,487	\$52,263,191
141	October	2015	\$53,633,212	\$1,479,943	\$52,153,268
142	November	2015	\$53,634,144	\$1,590,401	\$52,043,743
143	December	2015	\$53,634,942	\$1,700,860	\$51,934,082

**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	
<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	2014	\$68,220,463	\$2,524,829	\$65,695,634	\$0
145	January	2015	\$68,221,606	\$2,666,117	\$65,555,489	\$1,143
146	February	2015	\$68,221,606	\$2,807,407	\$65,414,199	\$0
147	March	2015	\$68,221,606	\$2,948,828	\$65,272,778	\$0
148	April	2015	\$68,221,606	\$3,090,248	\$65,131,358	\$0
149	May	2015	\$68,221,606	\$3,231,669	\$64,989,937	\$0
150	June	2015	\$70,754,964	\$3,373,089	\$67,381,875	\$2,533,358
151	July	2015	\$70,875,637	\$3,519,724	\$67,355,913	\$120,674
152	August	2015	\$70,924,000	\$3,666,608	\$67,257,392	\$48,362
153	September	2015	\$70,948,619	\$3,813,590	\$67,135,029	\$24,619
154	October	2015	\$71,051,148	\$3,960,624	\$67,090,524	\$102,528
155	November	2015	\$71,088,032	\$4,107,869	\$66,980,164	\$36,885
156	December	2015	\$71,109,677	\$4,255,189	\$66,854,487	\$21,644

**i) South of Kramer**

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	
				= C1 - C2	= C1 - Previous	
<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	2014	\$0	\$0	\$0	\$0
158	January	2015	\$0	\$0	\$0	\$0
159	February	2015	\$0	\$0	\$0	\$0
160	March	2015	\$0	\$0	\$0	\$0
161	April	2015	\$0	\$0	\$0	\$0
162	May	2015	\$0	\$0	\$0	\$0
163	June	2015	\$0	\$0	\$0	\$0
164	July	2015	\$0	\$0	\$0	\$0
165	August	2015	\$0	\$0	\$0	\$0
166	September	2015	\$0	\$0	\$0	\$0
167	October	2015	\$0	\$0	\$0	\$0
168	November	2015	\$0	\$0	\$0	\$0
169	December	2015	\$0	\$0	\$0	\$0

**j) West of Devers**

		<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>	<u>Col 4</u>	
				= C1 - C2	= C1 - Previous	
<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	2014	\$0	\$0	\$0	\$0
171	January	2015	\$0	\$0	\$0	\$0
172	February	2015	\$0	\$0	\$0	\$0
173	March	2015	\$0	\$0	\$0	\$0
174	April	2015	\$0	\$0	\$0	\$0
175	May	2015	\$0	\$0	\$0	\$0
176	June	2015	\$0	\$0	\$0	\$0
177	July	2015	\$0	\$0	\$0	\$0
178	August	2015	\$0	\$0	\$0	\$0
179	September	2015	\$0	\$0	\$0	\$0
180	October	2015	\$0	\$0	\$0	\$0
181	November	2015	\$0	\$0	\$0	\$0
182	December	2015	\$0	\$0	\$0	\$0

6) Summary of Incentive Projects and incentives granted

<b>A) Rancho Vista Incentives Received:</b>			<b>Cite:</b>
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>B) Tehachapi Incentives Received:</b>			<b>Cite:</b>
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
<b>C) Devers to Colorado River Incentives Received:</b>			<b>Cite:</b>
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
<b>D) Devers to Palo Verde 2 Incentives Received:</b>			<b>Cite:</b>
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
<b>E) Eldorado Ivanpah Incentives Received:</b>			<b>Cite:</b>
198	CWIP:	Yes	129 FERC ¶ 61,246 at P 55, and 133 FERC ¶ 61,108 at P 92
199	ROE adder:	0.00%	133 FERC ¶ 61,108 at P 98
200	100% Abandoned Plant:	Yes	129 FERC ¶ 61,246 at PP 68-69, and 133 FERC ¶ 61,108 at PP 85-86
<b>F) Lugo Pisgah Incentives Received:</b>			<b>Cite:</b>
201	CWIP:	Yes	133 FERC ¶ 61,107 at P 76
202	ROE adder:	0.00%	133 FERC ¶ 61,107 at P 102
203	100% Abandoned Plant:	Yes	133 FERC ¶ 61,107 at P 88
<b>G) Red Bluff Incentives Received:</b>			<b>Cite:</b>
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
<b>H) Whirlwind Substation Expansion Incentives Received:</b>			<b>Cite:</b>
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
<b>I) Colorado River Substation Expansion Incentives Received:</b>			<b>Cite:</b>
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
<b>J) South of Kramer Incentives Received:</b>			<b>Cite:</b>
213	CWIP:	Yes	134 FERC ¶ 61,181 at P 79
214	ROE adder:	0.00%	---
215	100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79
<b>K) West of Devers Incentives Received:</b>			<b>Cite:</b>
216	CWIP:	Yes	134 FERC ¶ 61,181 at P 79
217	ROE adder:	0.00%	---
218	100% Abandoned Plant:	Yes	134 FERC ¶ 61,181 at P 79
<b>L) Future Incentive Projects</b>			<b>Cite:</b>
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	47.8027%	1-BaseTRR, L 46
2	CTR = Composite Tax Rate	40.7547%	1-BaseTRR, L 58
3	IREF =	\$8,069	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	\$159,718,239	0.75	\$966,528	14-IncentivePlant, L 13, Col. 1
10	2) Tehachapi	\$2,721,169,268	1.25	\$27,445,074	14-IncentivePlant, L 14, Col. 1
11	3) Devers to Col. River	\$729,082,808	1.00	\$5,882,686	14-IncentivePlant, L 15, Col. 1
12					
13	...				
14			Prior Year Incentive Adder =	\$34,294,289	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	\$162,088,990	0.75	\$980,875	14-IncentivePlant, L 19, Col. 1
16	2) Tehachapi	\$2,627,490,665	1.25	\$26,500,254	14-IncentivePlant, L 20, Col. 1
17	3) Devers to Col. River	\$739,286,360	1.00	\$5,965,015	14-IncentivePlant, L 21, Col. 1
18					
19	...				
20			True-Up Incentive Adder =	\$33,446,143	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 In Service</u>	<u>Source</u>
21	1) Rancho Vista	\$162,088,990	14-IncentivePlant, L 19, Col. 3
22	2) Tehachapi	\$2,339,462,308	14-IncentivePlant, L 20, Col. 3
23	3) Devers to Col. River	\$739,213,289	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 True Up Incentive Adder</u>	<u>Col 2 After-Tax True Up Incentive Adder</u>	<u>Source</u>
25	1) Rancho Vista	\$980,875	\$581,122	See Note 1
26	2) Tehachapi	\$23,595,267	\$13,979,081	See Note 1
27	3) Devers to Col. River	\$5,964,425	\$3,533,640	See Note 1
28				See Note 1
29	...			
30		Total:	\$18,093,843	

c) Equity Portion of Plant In Service Rate Base

<u>Line</u>		<u>Amount</u>	<u>Source</u>
31	Total Rate Base:	\$5,324,833,385	4-TUTRR, Line 17
32	CWIP Portion of Rate Base:	<u>\$378,577,965</u>	4-TUTRR, Line 14
33	Plant In Service Rate Base:	\$4,946,255,419	Line 31 - Line 32
34	Equity percentage:	47.8027%	1-BaseTRR, Line 46
35	Equity Portion of Plant In Service Rate Base:	\$2,364,444,339	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>9.80%</u>	1-BaseTRR, Line 49
39	Total ROE for Plant In Service in True Up TRR:	10.57%	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 Unloaded Total Plant Adds	See Note 2 Prior Period CWIP Closed	See Note 2 Over Heads Closed to PIS	See Note 2 Cost of Removal	See Note 2 AFUDC Eligible Plant Additions	See Note 2 AFUDC	See Note 2 Incremental Gross Plant	See Note 2 Depreciation Accrual	See Note 2 Incremental Reserve	See Note 2 Net Plant	See Note 2 Low Voltage Additions	See Note 2 Low Voltage Additions
1	January	2016	\$36,808,086	\$20,660,080	\$1,211,100	\$1,232,282	\$14,171,248	\$425,137	\$37,212,042	\$0	\$0	\$37,212,042	\$500,131	\$508,433
2	February	2016	\$28,689,399	\$11,078,462	\$1,320,820	\$1,232,282	\$14,171,248	\$425,137	\$66,415,116	\$79,013	\$79,013	\$66,336,103	\$1,000,262	\$1,016,867
3	March	2016	\$26,485,655	\$11,078,462	\$1,155,539	\$1,232,282	\$14,171,248	\$425,137	\$93,249,165	\$141,020	\$220,032	\$93,029,132	\$1,500,394	\$1,525,300
4	April	2016	\$27,463,772	\$11,288,962	\$1,213,111	\$1,232,282	\$14,171,248	\$425,137	\$121,118,902	\$197,997	\$418,029	\$120,700,873	\$2,000,525	\$2,033,734
5	May	2016	\$29,714,157	\$11,626,347	\$1,356,586	\$1,356,122	\$15,595,408	\$467,862	\$151,301,385	\$257,173	\$675,202	\$150,626,183	\$2,500,656	\$2,542,167
6	June	2016	\$63,681,737	\$29,061,299	\$2,596,533	\$2,823,766	\$32,473,313	\$974,199	\$215,730,087	\$321,259	\$996,461	\$214,733,626	\$3,000,787	\$3,050,600
7	July	2016	\$27,166,273	\$11,078,462	\$1,206,586	\$1,232,282	\$14,171,248	\$425,137	\$243,295,801	\$458,061	\$1,454,523	\$241,841,278	\$3,500,918	\$3,559,034
8	August	2016	\$27,041,973	\$11,078,462	\$1,197,263	\$1,232,282	\$14,171,248	\$425,137	\$270,727,892	\$516,592	\$1,971,115	\$268,756,777	\$4,001,050	\$4,067,467
9	September	2016	\$28,587,699	\$11,727,388	\$1,264,523	\$1,309,682	\$15,061,348	\$451,840	\$299,722,271	\$574,839	\$2,545,953	\$297,176,318	\$4,501,181	\$4,575,900
10	October	2016	\$350,463,255	\$237,895,592	\$8,442,575	\$1,356,982	\$15,605,298	\$468,159	\$657,739,277	\$636,403	\$3,182,356	\$654,556,921	\$5,001,312	\$5,084,334
11	November	2016	\$31,247,620	\$11,117,310	\$1,509,773	\$1,352,682	\$15,555,848	\$466,675	\$689,610,664	\$1,396,583	\$4,578,939	\$685,031,725	\$5,501,443	\$5,592,767
12	December	2016	\$52,913,784	\$21,665,085	\$2,343,652	\$1,747,453	\$20,095,704	\$602,871	\$743,723,518	\$1,464,256	\$6,043,195	\$737,680,323	\$6,001,574	\$6,101,201
13	January	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$759,050,461	\$1,579,154	\$7,622,349	\$751,428,112	\$6,061,826	\$6,162,452
14	February	2017	\$51,528,750	\$7,338,277	\$3,314,285	\$1,352,016	\$15,548,186	\$466,446	\$813,007,926	\$1,611,698	\$9,234,407	\$803,773,878	\$6,122,077	\$6,223,703
15	March	2017	\$16,899,285	\$949,499	\$1,196,234	\$1,363,082	\$15,675,443	\$470,263	\$830,210,626	\$1,726,266	\$10,960,314	\$819,250,312	\$6,182,328	\$6,284,955
16	April	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$845,537,568	\$1,762,793	\$12,723,107	\$832,814,462	\$6,242,579	\$6,346,206
17	May	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$860,864,511	\$1,795,337	\$14,518,443	\$846,346,067	\$6,302,830	\$6,407,457
18	June	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$876,191,453	\$1,827,881	\$16,346,324	\$859,845,129	\$6,363,832	\$6,468,709
19	July	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$891,518,396	\$1,860,424	\$18,206,749	\$873,311,647	\$6,423,333	\$6,529,960
20	August	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$906,845,338	\$1,892,968	\$20,099,717	\$886,745,621	\$6,483,584	\$6,591,212
21	September	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$922,172,281	\$1,925,512	\$22,025,229	\$900,147,052	\$6,543,835	\$6,652,463
22	October	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$937,499,223	\$1,958,056	\$23,983,285	\$913,515,938	\$6,604,086	\$6,713,714
23	November	2017	\$50,409,137	\$6,200,604	\$3,315,640	\$3,801,934	\$43,722,239	\$1,311,667	\$988,733,733	\$1,990,600	\$25,973,884	\$962,759,849	\$6,664,338	\$6,774,966
24	December	2017	\$77,015,043	\$34,471,393	\$3,190,774	\$3,658,754	\$42,075,670	\$1,262,270	\$1,066,543,066	\$2,099,386	\$28,073,271	\$1,038,469,796	\$6,724,589	\$6,836,217
25	13-Month Averages:								\$880,146,008			\$863,545,245		\$6,468,709

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 Unloaded Total Plant Adds	C5 10-CWIP L30-53 Prior Period CWIP Closed	C6 10-CWIP L30-53 Over Heads Closed to PIS	N/A Cost of Removal	N/A AFUDC Eligible Plant Additions	N/A AFUDC	= Prior Month C7 +C1+C3 Incremental Gross Plant	= Prior Month C7 * L91/12 Depreciation Accrual	= Prior Month C9 + C8 Reserve	=C7-C9 Net Plant	Unloaded Low Voltage Additions	Loaded Low Voltage Additions
26	January	2016	\$11,400,758	\$9,581,618	\$136,436	\$0	\$0	\$0	\$11,537,194	\$0	\$0	\$11,537,194	\$0	\$0
27	February	2016	\$3,282,071	\$0	\$246,155	\$0	\$0	\$0	\$15,065,420	\$24,497	\$24,497	\$15,040,923	\$0	\$0
28	March	2016	\$1,078,327	\$0	\$80,875	\$0	\$0	\$0	\$16,224,621	\$31,989	\$56,486	\$16,168,135	\$0	\$0
29	April	2016	\$2,056,444	\$210,499	\$138,446	\$0	\$0	\$0	\$18,419,510	\$34,450	\$90,935	\$18,328,575	\$0	\$0
30	May	2016	\$2,318,944	\$0	\$173,921	\$0	\$0	\$0	\$20,912,376	\$39,110	\$130,046	\$20,782,330	\$0	\$0
31	June	2016	\$1,785,944	\$0	\$133,946	\$0	\$0	\$0	\$22,832,266	\$44,403	\$174,449	\$22,657,817	\$0	\$0
32	July	2016	\$1,758,944	\$0	\$131,921	\$0	\$0	\$0	\$24,723,131	\$48,480	\$222,929	\$24,500,202	\$0	\$0
33	August	2016	\$1,634,644	\$0	\$122,598	\$0	\$0	\$0	\$26,480,374	\$52,495	\$275,424	\$26,204,950	\$0	\$0
34	September	2016	\$1,631,444	\$0	\$122,358	\$0	\$0	\$0	\$28,234,177	\$56,226	\$331,650	\$27,902,527	\$0	\$0
35	October	2016	\$322,116,773	\$225,327,977	\$7,259,160	\$0	\$0	\$0	\$357,610,110	\$59,950	\$391,600	\$357,218,510	\$0	\$0
36	November	2016	\$4,401,444	\$0	\$330,108	\$0	\$0	\$0	\$362,341,662	\$759,316	\$1,150,916	\$361,190,746	\$0	\$0
37	December	2016	\$10,929,483	\$0	\$819,711	\$0	\$0	\$0	\$374,090,857	\$769,363	\$1,920,279	\$372,170,577	\$0	\$0
38	January	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$374,090,857	\$794,310	\$2,714,589	\$371,376,267	\$0	\$0
39	February	2017	\$35,027,943	\$6,558,587	\$2,135,202	\$0	\$0	\$0	\$411,254,001	\$794,310	\$3,508,899	\$407,745,101	\$0	\$0
40	March	2017	\$100,000	\$0	\$7,500	\$0	\$0	\$0	\$411,361,501	\$873,219	\$4,382,118	\$406,979,382	\$0	\$0
41	April	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$411,361,501	\$873,447	\$5,255,566	\$406,105,935	\$0	\$0
42	May	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$411,361,501	\$873,447	\$6,129,013	\$405,232,488	\$0	\$0
43	June	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$411,361,501	\$873,447	\$7,002,460	\$404,359,041	\$0	\$0
44	July	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$411,361,501	\$873,447	\$7,875,907	\$403,485,593	\$0	\$0
45	August	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$411,361,501	\$873,447	\$8,749,355	\$402,612,146	\$0	\$0
46	September	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$411,361,501	\$873,447	\$9,622,802	\$401,738,699	\$0	\$0
47	October	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$411,361,501	\$873,447	\$10,496,249	\$400,865,252	\$0	\$0
48	November	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$411,361,501	\$873,447	\$11,369,696	\$399,991,805	\$0	\$0
49	December	2017	\$0	\$0	\$0	\$0	\$0	\$0	\$411,361,501	\$873,447	\$12,243,143	\$399,118,357	\$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
			Total Plant Adds	Prior Period CWIP Closed	Over Heads Closed to PIS	Cost of Removal	Eligible Plant Additions	AFUDC	Incremental Gross Plant	Depreciation Accrual	Incremental Reserve	Net Plant	Unloaded Low Voltage Additions	Loaded Low Voltage Additions
50	January	2016	\$25,407,328	\$11,078,462	\$1,074,665	\$1,232,282	\$14,171,248	\$425,137	\$25,674,848	\$0	\$0	\$25,674,848	\$500,131	\$508,433
51	February	2016	\$25,407,328	\$11,078,462	\$1,074,665	\$1,232,282	\$14,171,248	\$425,137	\$51,349,696	\$54,516	\$54,516	\$51,295,180	\$1,000,262	\$1,016,867
52	March	2016	\$25,407,328	\$11,078,462	\$1,074,665	\$1,232,282	\$14,171,248	\$425,137	\$77,024,544	\$109,031	\$163,547	\$76,860,997	\$1,500,394	\$1,525,300
53	April	2016	\$25,407,328	\$11,078,462	\$1,074,665	\$1,232,282	\$14,171,248	\$425,137	\$102,699,392	\$163,547	\$327,094	\$102,372,298	\$2,000,525	\$2,033,734
54	May	2016	\$27,395,213	\$11,626,347	\$1,182,665	\$1,356,122	\$15,595,408	\$467,862	\$130,389,009	\$218,062	\$545,156	\$129,843,853	\$2,500,656	\$2,542,167
55	June	2016	\$61,895,792	\$29,061,299	\$2,462,587	\$2,823,766	\$32,473,313	\$974,199	\$192,897,822	\$276,856	\$822,012	\$192,075,809	\$3,000,787	\$3,050,600
56	July	2016	\$25,407,328	\$11,078,462	\$1,074,665	\$1,232,282	\$14,171,248	\$425,137	\$218,572,670	\$409,582	\$1,231,594	\$217,341,076	\$3,500,918	\$3,559,034
57	August	2016	\$25,407,328	\$11,078,462	\$1,074,665	\$1,232,282	\$14,171,248	\$425,137	\$244,247,518	\$464,097	\$1,695,691	\$242,551,827	\$4,001,050	\$4,067,467
58	September	2016	\$26,956,254	\$11,727,388	\$1,142,165	\$1,309,682	\$15,061,348	\$451,840	\$271,488,095	\$518,613	\$2,214,304	\$269,273,791	\$4,501,181	\$4,575,900
59	October	2016	\$28,346,482	\$12,567,616	\$1,183,415	\$1,356,982	\$15,605,298	\$468,159	\$300,129,168	\$576,453	\$2,790,756	\$297,338,411	\$5,001,312	\$5,084,334
60	November	2016	\$26,846,176	\$11,117,310	\$1,179,665	\$1,352,682	\$15,555,848	\$466,675	\$327,269,001	\$637,267	\$3,428,023	\$323,840,978	\$5,501,443	\$5,592,767
61	December	2016	\$41,984,301	\$21,665,085	\$1,523,941	\$1,747,453	\$20,095,704	\$602,871	\$369,632,662	\$694,893	\$4,122,916	\$365,509,746	\$6,001,574	\$6,101,201
62	January	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$384,959,604	\$784,844	\$4,907,760	\$380,051,844	\$6,061,826	\$6,162,452
63	February	2017	\$16,500,807	\$779,689	\$1,179,084	\$1,352,016	\$15,548,186	\$466,446	\$401,753,925	\$817,388	\$5,725,148	\$396,028,777	\$6,122,077	\$6,223,703
64	March	2017	\$16,799,285	\$949,494	\$1,188,734	\$1,363,082	\$15,675,443	\$470,263	\$418,849,125	\$853,047	\$6,578,195	\$412,270,930	\$6,182,328	\$6,284,955
65	April	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$434,176,068	\$889,346	\$7,467,541	\$426,708,527	\$6,242,579	\$6,346,206
66	May	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$449,503,010	\$921,890	\$8,389,431	\$441,113,579	\$6,302,830	\$6,407,457
67	June	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$464,829,953	\$954,433	\$9,343,864	\$455,486,089	\$6,363,082	\$6,468,709
68	July	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$480,156,895	\$986,977	\$10,330,841	\$469,826,054	\$6,423,333	\$6,529,960
69	August	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$495,483,837	\$1,019,521	\$11,350,362	\$484,133,475	\$6,483,584	\$6,591,212
70	September	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$510,810,780	\$1,052,065	\$12,402,427	\$498,408,353	\$6,543,835	\$6,652,463
71	October	2017	\$15,046,033	\$0	\$1,128,452	\$1,293,959	\$14,880,527	\$446,416	\$526,137,722	\$1,084,609	\$13,487,036	\$512,650,687	\$6,604,086	\$6,713,714
72	November	2017	\$50,409,137	\$6,200,604	\$3,315,640	\$3,801,934	\$43,722,239	\$1,311,667	\$577,372,233	\$1,117,152	\$14,604,188	\$562,768,044	\$6,664,338	\$6,774,966
73	December	2017	\$77,015,043	\$34,471,393	\$3,190,774	\$3,658,754	\$42,075,670	\$1,262,270	\$655,181,566	\$1,225,939	\$15,830,127	\$639,351,438	\$6,724,589	\$6,836,217

4) ISO Corporate Overhead Loader

Line 74	ISO Corp OH Rate	7.50%
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5) ISO Cost of Removal Percent

Line 75	Cost of Removal Rate	8.00%
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6) AFUDC Loader Rate

Line 76	ISO AFUDC Rate	3.00%
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7) Calculation of ISO Depreciation Rate

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

Line	Acct	Col 1 December Prior Year Plant Balance	Col 2 Accrual Rate	Col 3 Annual Accrual	Col 4 C2*C3 Annual Accrual	Col 5 Reference
77	350.1	\$77,976,655	0.00%	\$0	18 Dep Rates L1	
78	350.2	\$163,072,480	1.66%	\$2,707,003	18 Dep Rates L2	
79	352	\$470,458,376	2.57%	\$12,090,780	18 Dep Rates L3	
80	353	\$3,030,177,247	2.47%	\$74,845,378	18 Dep Rates L4	
81	354	\$2,164,622,763	2.44%	\$52,816,795	18 Dep Rates L5	
82	355	\$310,678,566	3.67%	\$11,401,903	18 Dep Rates L6	
83	356	\$1,239,646,181	3.05%	\$37,809,209	18 Dep Rates L7	
84	357	\$221,416	1.65%	\$3,653	18 Dep Rates L8	
85	358	\$13,011,928	3.87%	\$503,562	18 Dep Rates L9	
86	359	\$187,087,541	1.56%	\$2,918,566	18 Dep Rates L10	
87						
88		Sum of Depreciation Expense		\$195,096,849	Sum of C4 Lines 77 to 86	
89		Sum of Dec Prior Year Plant		\$7,656,953,152	Sum of C2 Lines 77 to 86	
90						
91		Composite Depreciation Rate	2.55%		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: 2015

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

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
FERC Account:													
		350.1	350.2	352	353	354	355	356	357	358	359	Total	
1	Dec 2014	\$75,785,255	\$158,395,947	\$428,326,101	\$2,920,111,450	\$1,785,929,479	\$230,528,301	\$1,044,386,521	\$217,201	\$12,994,314	\$79,700,254	\$6,736,374,822	
2	Jan 2015	\$75,785,255	\$158,393,914	\$430,854,179	\$2,923,748,335	\$1,810,686,563	\$233,291,261	\$1,071,288,004	\$222,642	\$12,994,564	\$80,907,972	\$6,798,172,687	
3	Feb 2015	\$75,783,590	\$158,530,514	\$432,978,023	\$2,928,852,612	\$1,805,267,699	\$233,549,931	\$1,071,676,064	\$223,065	\$12,994,592	\$81,692,835	\$6,801,548,924	
4	Mar 2015	\$75,783,590	\$158,542,221	\$435,911,134	\$2,934,678,811	\$2,024,063,365	\$294,018,466	\$1,176,607,717	\$223,067	\$12,994,569	\$105,456,408	\$7,218,279,345	
5	Apr 2015	\$75,783,590	\$158,545,021	\$433,536,682	\$2,936,934,028	\$2,136,429,970	\$300,721,390	\$1,213,791,284	\$223,067	\$12,994,564	\$180,454,173	\$7,449,413,769	
6	May 2015	\$75,783,590	\$158,559,038	\$433,951,440	\$2,943,551,475	\$2,141,924,103	\$301,811,259	\$1,215,149,176	\$223,068	\$12,994,464	\$181,538,744	\$7,465,486,355	
7	Jun 2015	\$76,940,165	\$157,454,244	\$431,926,231	\$2,960,227,011	\$2,142,167,378	\$302,322,469	\$1,214,758,919	\$223,055	\$12,994,453	\$181,871,280	\$7,480,885,206	
8	Jul 2015	\$77,239,553	\$163,291,286	\$433,928,451	\$2,967,188,640	\$2,143,502,829	\$303,445,317	\$1,215,763,313	\$224,237	\$12,995,491	\$182,253,971	\$7,499,833,088	
9	Aug 2015	\$77,239,553	\$163,336,310	\$435,073,004	\$2,969,788,939	\$2,153,448,155	\$304,706,547	\$1,230,860,738	\$224,238	\$12,995,289	\$185,177,270	\$7,532,850,043	
10	Sep 2015	\$77,240,122	\$163,362,165	\$435,905,861	\$2,965,706,099	\$2,155,063,857	\$305,336,717	\$1,231,821,173	\$224,521	\$12,995,628	\$185,618,907	\$7,533,275,049	
11	Oct 2015	\$79,088,203	\$163,057,905	\$454,131,466	\$3,008,870,880	\$2,155,746,980	\$306,166,977	\$1,232,286,650	\$221,513	\$12,992,013	\$185,718,062	\$7,598,280,647	
12	Nov 2015	\$77,240,122	\$163,176,955	\$455,929,657	\$3,010,610,364	\$2,156,817,870	\$306,985,660	\$1,232,077,542	\$221,357	\$13,010,566	\$185,945,908	\$7,602,016,001	
13	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	
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 2014	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17b	Jan 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17c	Feb 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17d	Mar 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17e	Apr 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17f	May 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17g	Jun 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17h	Jul 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17i	Aug 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17j	Sep 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17k	Oct 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17l	Nov 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%
17m	Dec 2015	0.00%	1.66%	2.57%	2.47%	2.44%	3.67%	3.05%	1.65%	3.87%	1.56%

18 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 2015	\$0	\$219,114	\$917,332	\$6,010,563	\$3,631,390	\$705,032	\$2,654,482	\$299	\$41,907	\$103,610	\$14,283,729
25	Feb 2015	\$0	\$219,112	\$922,746	\$6,018,049	\$3,681,729	\$713,482	\$2,722,857	\$306	\$41,907	\$105,180	\$14,425,369
26	Mar 2015	\$0	\$219,301	\$927,295	\$6,028,555	\$3,670,711	\$714,274	\$2,723,843	\$307	\$41,908	\$106,201	\$14,432,393
27	Apr 2015	\$0	\$219,317	\$933,576	\$6,040,547	\$4,115,596	\$899,206	\$2,990,545	\$307	\$41,907	\$137,093	\$15,378,094
28	May 2015	\$0	\$219,321	\$928,491	\$6,045,189	\$4,344,074	\$919,706	\$3,085,053	\$307	\$41,907	\$234,590	\$15,818,639
29	Jun 2015	\$0	\$219,340	\$929,379	\$6,058,810	\$4,355,246	\$923,039	\$3,088,504	\$307	\$41,907	\$236,000	\$15,852,533
30	Jul 2015	\$0	\$217,812	\$925,042	\$6,093,134	\$4,355,740	\$924,603	\$3,087,512	\$307	\$41,907	\$236,433	\$15,882,490
31	Aug 2015	\$0	\$225,886	\$929,330	\$6,107,463	\$4,358,456	\$928,037	\$3,090,065	\$308	\$41,910	\$236,930	\$15,918,386
32	Sep 2015	\$0	\$225,949	\$931,781	\$6,112,816	\$4,378,678	\$931,894	\$3,128,438	\$308	\$41,910	\$240,730	\$15,992,504
33	Oct 2015	\$0	\$225,984	\$933,565	\$6,104,412	\$4,381,963	\$933,821	\$3,130,879	\$309	\$41,911	\$241,305	\$15,994,149
34	Nov 2015	\$0	\$225,563	\$972,598	\$6,193,259	\$4,383,352	\$936,361	\$3,132,062	\$305	\$41,899	\$241,433	\$16,126,833
35	Dec 2015	\$0	\$225,728	\$976,449	\$6,196,840	\$4,385,530	\$938,864	\$3,131,530	\$304	\$41,959	\$241,730	\$16,138,935
36	Totals:	\$0	\$2,662,426	\$11,227,585	\$73,009,636	\$50,042,465	\$10,468,321	\$35,965,771	\$3,673	\$502,940	\$2,361,237	
37	Total Annual Depreciation Expense for Transmission Plant - ISO:											\$186,244,054
38	(equals sum of monthly amounts)											

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%	3.04%	3.13%		
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			233,881,155	FF1 336.10f	
59	Total Intangible Plant Depreciation Expense			274,263,273	FF1 336.1f	
60	Sum of Total General and Total Intangible Depreciation Expense			\$508,144,428	Line 58 + Line 59	
61	Transmission Wages and Salaries Allocation Factor			6.0220%	27-Allocators, Line 9	
62	General and Intangible Depreciation Expense			\$30,600,503	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	\$186,244,054	Line 37, Col 12		
68	2) Depreciation Expense for Distribution Plant - ISO	\$0	Line 53		
69	3) General and Intangible Depreciation Expense	<u>\$30,600,503</u>	Line 62		
70	Depreciation Expense:	\$216,844,557	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 mid-year change in depreciation rates approved by the Commission, the rates stated on Schedule 18 will represent end of Prior Year rates. To correctly calculate depreciation expense for Transmission Plant - ISO for the entire Prior Year, input depreciation rates from Schedule 18 only for those months during which the new rates were in effect, and input previous effective rates in the months for which they were in effect.
- 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		
FERC			Less	Removal	
<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	1.66%	0.00%	1.66%
3	352	Structures and Improvements	1.80%	0.77%	2.57%
4	353	Station Equipment	2.20%	0.27%	2.47%
5	354	Towers and Fixtures	1.35%	1.09%	2.44%
6	355	Poles and Fixtures	2.00%	1.67%	3.67%
7	356	Overhead Conductors and Devices	2.00%	1.05%	3.05%
8	357	Underground Conduit	1.65%	0.00%	1.65%
9	358	Underground Conductors and Devices	3.26%	0.61%	3.87%
10	359	Roads and Trails	1.56%	0.00%	1.56%
11					
2) Distribution Plant - ISO			Plant		
FERC			Less	Removal	
<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	2.33%	0.71%	3.04%
14	362	Station Equipment	2.17%	0.96%	3.13%
3) General Plant			Plant		
FERC			Less	Removal	
<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	2.41%	0.33%	2.74%
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 - Telemetry & 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	5.94%	0.12%	6.06%
37	397	Telecom Infrastructure	3.65%	0.10%	3.75%
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		
FERC			Less	Removal	
<u>Line</u>	<u>Account</u>	<u>Description</u>	<u>Salvage</u>	<u>Cost</u>	<u>Total</u>
42	302	Hydro Relicensing	2.52%	0.00%	2.52%
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	20.58%	0.00%	20.58%
46	303	Cap Soft 7yr	14.93%	0.00%	14.93%
47	303	Cap Soft 10yr	12.45%	0.00%	12.45%
48	303	Cap Soft 15yr	6.78%	0.00%	6.78%

Notes: 1) Depreciation rates may only be revised as approved by the Commission pursuant to a Section 205 or 206 filing.

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	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			Adjustments			Adjusted Recorded O&M Expenses				
		Total	Labor	Non-Labor	Reason	Total	Labor	Non-Labor	Total	Labor	Non-Labor	
<b>Transmission Accounts</b>												
1	560 - Operations Engineering		\$8,986,906	\$5,369,290	\$3,617,616		\$0		\$8,986,906	\$5,369,290	\$3,617,616	
2	560 - Sylmar/Palo Verde		-\$74,603	\$0	-\$74,603		\$0		-\$74,603	\$0	-\$74,603	
3	561.000 Load Dispatching		\$0	\$0	\$0		\$0		\$0	\$0	\$0	
4	561.100 Load Dispatch-Reliability		\$702,757	\$361,517	\$341,241		\$0		\$702,757	\$361,517	\$341,241	
5	561.200 Load Dispatch Monitor and Operate Trans. System		\$8,266,023	\$6,895,768	\$1,370,256	G	-\$120,000	-\$120,000	\$8,146,023	\$6,775,768	\$1,370,256	
6	561.400 Scheduling, System Control and Dispatch Services		\$38,175,349	\$0	\$38,175,349	A	-\$38,175,349	-\$38,175,349	\$0	\$0	\$0	
7	561.500 Reliability, Planning and Standards Development		\$5,513,298	\$4,546,372	\$966,926		\$0		\$5,513,298	\$4,546,372	\$966,926	
8	562 - MOGS Station Expense		\$0	\$0	\$0		\$0		\$0	\$0	\$0	
9	562 - Operating Transmission Stations		\$18,953,361	\$15,120,441	\$3,832,921		\$0		\$18,953,361	\$15,120,441	\$3,832,921	
10	562 - Routine Testing and Inspection		\$3,115,097	\$2,189,143	\$925,954		\$0		\$3,115,097	\$2,189,143	\$925,954	
11	562 - Sylmar/Palo Verde		\$829,408	\$0	\$829,408		\$0		\$829,408	\$0	\$829,408	
12	563 - Inspect and Patrol Line		\$6,226,398	\$3,375,877	\$2,850,521		\$0		\$6,226,398	\$3,375,877	\$2,850,521	
13	564 - Underground Line Expense		\$1,185,907	\$995,964	\$189,943		\$0		\$1,185,907	\$995,964	\$189,943	
14	565 - Wheeling Costs		\$19,863,987	\$0	\$19,863,987	C	-\$19,863,987	-\$19,863,987	\$0	\$0	\$0	
15	565 - WAPA Transmission for Remote Service		\$237,093	\$0	\$237,093		\$0		\$237,093	\$0	\$237,093	
16	565 - Transmission for Four Corners		\$8,796,273	\$0	\$8,796,273		\$0		\$8,796,273	\$0	\$8,796,273	
17	566 - ISO/RSBA/TSP Balancing Accounts		\$63,305,502	\$264,917	\$63,040,585	D	-\$63,305,502	-\$264,917	-\$63,040,585	\$0	\$0	
18	566 - Training		\$9,248,686	\$6,907,056	\$2,341,630		\$0		\$9,248,686	\$6,907,056	\$2,341,630	
19	566 - Other		\$18,762,568	\$8,480,997	\$10,281,572	G&H	-\$43,620	-\$42,557	-\$1,063	\$18,718,948	\$8,438,440	\$10,280,508
20	566 - NERC/CIP Compliance		\$1,407,052	\$1,274,233	\$132,819		\$0		\$1,407,052	\$1,274,233	\$132,819	
21	566 - Transmission Regulatory Policy		\$713,431	\$693,920	\$19,510		\$0		\$713,431	\$693,920	\$19,510	
22	566 - FERC Regulation & Contracts		\$5,049,190	\$3,919,386	\$1,129,804		\$0		\$5,049,190	\$3,919,386	\$1,129,804	
23	566 - Grid Contract Management		\$2,041,617	\$1,904,326	\$137,291		\$0		\$2,041,617	\$1,904,326	\$137,291	
24	566 - Sylmar/Palo Verde/Other General Functions		\$413,206	\$3	\$413,204		\$0		\$413,206	\$3	\$413,204	
25	567 - Line Rents		\$9,105,694	\$428	\$9,105,267	H	-\$4,036	-\$4,036	\$9,101,658	\$428	\$9,101,231	
26	567 - Morongo Lease		\$6,499,852	\$0	\$6,499,852		\$0		\$6,499,852	\$0	\$6,499,852	
27	567 - Eldorado		\$68,547	\$0	\$68,547		\$0		\$68,547	\$0	\$68,547	
28	567 - Sylmar/Palo Verde		\$438,003	\$0	\$438,003		\$0		\$438,003	\$0	\$438,003	
29	568 - Maintenance Supervision and Engineering		\$2,010,724	\$1,862,726	\$147,998		\$0		\$2,010,724	\$1,862,726	\$147,998	
30	568 - Sylmar/Palo Verde		\$221,533	\$0	\$221,533		\$0		\$221,533	\$0	\$221,533	
31	569 - Maintenance of Structures		\$45,072	\$11,325	\$33,747		\$0		\$45,072	\$11,325	\$33,747	
32	569.100 - Hardware		\$9,075,331	\$123	\$9,075,208	F	-\$8,968,659	-\$8,968,659	\$106,672	\$123	\$106,549	
33	569.200 - Software		\$13,503,877	\$30	\$13,503,847	F	-\$13,503,847	-\$13,503,847	\$30	\$30	\$0	
34	569.300 - Communication		\$7,372,630	\$3,754	\$7,368,876	F	-\$6,715,702	-\$6,715,702	\$656,928	\$3,754	\$653,174	
35	569 - Sylmar/Palo Verde		\$179,627	\$118	\$179,509		\$0		\$179,627	\$118	\$179,509	
36	570 - Maintenance of Power Transformers		\$979,355	\$534,001	\$445,354		\$0		\$979,355	\$534,001	\$445,354	
37	570 - Maintenance of Transmission Circuit Breakers		\$1,632,860	\$1,150,286	\$482,574		\$0		\$1,632,860	\$1,150,286	\$482,574	
38	570 - Maintenance of Transmission Voltage Equipment		\$128,913	\$401,047	-\$272,135		\$0		\$128,913	\$401,047	-\$272,135	
39	570 - Maintenance of Miscellaneous Transmission Equipment		\$2,949,176	\$1,836,316	\$1,112,860		\$0		\$2,949,176	\$1,836,316	\$1,112,860	
40	570 - Substation Work Order Related Expense		\$1,649,318	\$466,629	\$1,182,689		\$0		\$1,649,318	\$466,629	\$1,182,689	
41	570 - Sylmar/Palo Verde		\$1,694,492	\$267	\$1,694,225		\$0		\$1,694,492	\$267	\$1,694,225	
42	571 - Poles and Structures		\$4,799,595	\$2,273,495	\$2,526,100	H	-\$1,580,506	-\$3,380	-\$1,577,126	\$3,219,089	\$2,270,115	\$948,974
43	571 - Insulators and Conductors		\$3,835,251	\$2,629,844	\$1,205,406		\$0		\$3,835,251	\$2,629,844	\$1,205,406	
44	571 - Transmission Line Rights of Way		\$14,073,873	\$2,162,478	\$11,911,395		\$0		\$14,073,873	\$2,162,478	\$11,911,395	
45	571 - Transmission Work Order Related Expense		\$7,187,575	\$1,034,614	\$6,152,961		\$0		\$7,187,575	\$1,034,614	\$6,152,961	
46	571 - Sylmar/Palo Verde		\$416,929	\$3	\$416,925		\$0		\$416,929	\$3	\$416,925	
47	572 - Maintenance of Underground Transmission Lines		\$1,042,584	\$148,763	\$893,821		\$0		\$1,042,584	\$148,763	\$893,821	
48	572 - Sylmar/Palo Verde		-\$44,129	\$0	-\$44,129		\$0		-\$44,129	\$0	-\$44,129	
49	573 - Provision for Property Damage Expense to Trans. Fac.		\$1,908,587	\$596,097	\$1,312,490		\$0		\$1,908,587	\$596,097	\$1,312,490	
50	---		---	---	---		\$0		---	---	---	
51	Transmission NOIC (Note 3)		-	-	-		\$9,481,030	\$9,481,030	\$0	\$9,481,030	\$9,481,030	\$0
52	<b>Total Transmission O&amp;M</b>		<b>\$312,493,773</b>	<b>\$77,411,553</b>	<b>\$235,082,220</b>		<b>-\$142,800,178</b>	<b>\$9,050,177</b>	<b>-\$151,850,355</b>	<b>\$169,693,595</b>	<b>\$86,461,730</b>	<b>\$83,231,865</b>
53												



Schedule 19  
Operations and Maintenance

TO11 Annual Update  
Attachment 1

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	
Account/Work Activity Rev	Total Recorded O&M Expenses			Reason	Adjustments			Adjusted Recorded O&M Expenses			
	Total	Labor	Non-Labor		Total	Labor	Non-Labor	Total	Labor	Non-Labor	
<b>Distribution Accounts</b>											
54	582 - Operation and Relay Protection of Distribution Substation	\$24,129,873	\$17,860,182	\$6,269,691				\$24,129,873	\$17,860,182	\$6,269,691	
55	582 - Testing and Inspecting Distribution Substation Equipmen	\$11,112,485	\$9,050,545	\$2,061,940				\$11,112,485	\$9,050,545	\$2,061,940	
56	590 - Maintenance Supervision and Engineering	\$2,004,341	\$1,857,918	\$146,423				\$2,004,341	\$1,857,918	\$146,423	
57	591 - Maintenance of Structures	\$215,353	\$81,556	\$133,797				\$215,353	\$81,556	\$133,797	
58	592 - Maintenance of Distribution Transformers	\$701,380	\$447,807	\$253,573				\$701,380	\$447,807	\$253,573	
59	592 - Maintenance of Distribution Circuit Breakers	\$2,381,836	\$1,698,102	\$683,734				\$2,381,836	\$1,698,102	\$683,734	
60	592 - Maintenance of Distribution Voltage Control Equipment	\$876,590	\$560,179	\$316,412				\$876,590	\$560,179	\$316,412	
61	592 - Maintenance of Miscellaneous Distribution Equipment	\$7,298,992	\$2,327,050	\$4,971,942				\$7,298,992	\$2,327,050	\$4,971,942	
62	Accounts with no ISO Distribution Costs	\$448,844,739	\$181,001,879	\$267,842,861	G	-\$12,915,765	-\$1,001,163	-\$11,914,603	\$435,928,974	\$180,000,716	\$255,928,258
63	Distribution NOIC (Note 3)	-	-	-		\$26,318,207	\$26,318,207	\$0	\$26,318,207	\$26,318,207	\$0
64	<b>Total Distribution O&amp;M</b>	\$497,565,590	\$214,885,218	\$282,680,372		\$13,402,441	\$25,317,044	-\$11,914,603	\$510,968,031	\$240,202,261	\$270,765,770
65											
66	<b>Total Transmission and Distribution O&amp;M</b>	\$810,059,363	\$292,296,771	\$517,762,592		-\$129,397,737	\$34,367,221	-\$163,764,958	\$680,661,626	\$326,663,992	\$353,997,634
67											
68	Total Transmission O&M Expenses in FERC Form 1:	\$312,493,772	FF1 321.112b	Must equal Line 52, Column 2.							
69	Total Distribution O&M Expenses in FERC Form 1:	\$497,565,592	FF1 322.156b	Must equal Line 64, Column 2.							
70	Total TDBU NOIC	\$35,799,237	20-AandG, Note 2, f								

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

Line	Account/Work Activity Rev	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	
		Adjusted Recorded O&M Expenses			Percent	ISO O&M Expenses			Percent ISO	
		Total	Labor	Non-Labor	ISO	Total	Labor	Non-Labor	Reference	
71	560 - Operations Engineering	\$8,986,906	\$5,369,290	\$3,617,616	40.6%	\$3,650,980	\$2,181,303	\$1,469,676	Note 6, a	
72	560 - Sylmar/Palo Verde	-\$74,603	\$0	-\$74,603	100.0%	-\$74,603	\$0	-\$74,603	100% per Protocols	
73	561.000 Load Dispatching	\$0	\$0	\$0	34.4%	\$0	\$0	\$0	27-Allocators Line 30	
74	561.100 Load Dispatch-Reliability	\$702,757	\$361,517	\$341,241	34.4%	\$241,835	\$124,406	\$117,429	27-Allocators Line 30	
75	561.200 Load Dispatch Monitor and Operate Trans. System	\$8,146,023	\$6,775,768	\$1,370,256	34.4%	\$2,803,230	\$2,331,694	\$471,536	27-Allocators Line 30	
76	561.400 Scheduling, System Control and Dispatch Services	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	0% per Protocols	
77	561.500 Reliability, Planning and Standards Development	\$5,513,298	\$4,546,372	\$966,926	100.0%	\$5,513,298	\$4,546,372	\$966,926	100% per Protocols	
78	562 - MOGS Station Expense	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	0% per Protocols	
79	562 - Operating Transmission Stations	\$18,953,361	\$15,120,441	\$3,832,921	17.7%	\$3,359,417	\$2,680,045	\$679,372	27-Allocators Line 36	
80	562 - Routine Testing and Inspection	\$3,115,097	\$2,189,143	\$925,954	20.5%	\$640,052	\$449,798	\$190,254	27-Allocators Line 42	
81	562 - Sylmar/Palo Verde	\$829,408	\$0	\$829,408	100.0%	\$829,408	\$0	\$829,408	100% per Protocols	
82	563 - Inspect and Patrol Line	\$6,226,398	\$3,375,877	\$2,850,521	46.8%	\$2,912,213	\$1,578,966	\$1,333,247	27-Allocators Line 48	
83	564 - Underground Line Expense	\$1,185,907	\$995,964	\$189,943	0.3%	\$3,377	\$2,836	\$541	27-Allocators Line 54	
84	565 - Wheeling Costs	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	0% per Protocols	
85	565 - WAPA Transmission for Remote Service	\$237,093	\$0	\$237,093	0.0%	\$0	\$0	\$0	0% per Protocols	
86	565 - Transmission for Four Corners	\$8,796,273	\$0	\$8,796,273	100.0%	\$8,796,273	\$0	\$8,796,273	100% per Protocols	
87	566 - ISO/RSBA/TSP Balancing Accounts	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	0% per Protocols	
88	566 - Training	\$9,248,686	\$6,907,056	\$2,341,630	40.6%	\$3,757,329	\$2,806,029	\$951,300	Note 6, a	
89	566 - Other	\$18,718,948	\$8,438,440	\$10,280,508	40.6%	\$7,604,675	\$3,428,163	\$4,176,513	Note 6, a	
90	566 - NERC/CIP Compliance	\$1,407,052	\$1,274,233	\$132,819	66.4%	\$933,815	\$845,667	\$88,148	7-PlantStudy, Line 21, C3	
91	566 - Transmission Regulatory Policy	\$713,431	\$693,920	\$19,510	66.4%	\$473,481	\$460,532	\$12,948	7-PlantStudy, Line 21, C3	
92	566 - FERC Regulation & Contracts	\$5,049,190	\$3,919,386	\$1,129,804	66.4%	\$3,350,983	\$2,601,169	\$749,814	7-PlantStudy, Line 21, C3	
93	566 - Grid Contract Management	\$2,041,617	\$1,904,326	\$137,291	66.4%	\$1,354,955	\$1,263,839	\$91,115	7-PlantStudy, Line 21, C3	
94	566 - Sylmar/Palo Verde/Other General Functions	\$413,206	\$3	\$413,204	100.0%	\$413,206	\$3	\$413,204	100% per Protocols	
95	567 - Line Rents	\$9,101,658	\$428	\$9,101,231	68.7%	\$6,252,078	\$294	\$6,251,784	27-Allocators Line 60	
96	567 - Morongo Lease	\$6,499,852	\$0	\$6,499,852	90.8%	\$5,900,852	\$0	\$5,900,852	27-Allocators Line 66	
97	567 - Eldorado	\$68,547	\$0	\$68,547	100.0%	\$68,547	\$0	\$68,547	100% per Protocols	
98	567 - Sylmar/Palo Verde	\$438,003	\$0	\$438,003	100.0%	\$438,003	\$0	\$438,003	100% per Protocols	
99	568 - Maintenance Supervision and Engineering	\$2,010,724	\$1,862,726	\$147,998	36.6%	\$736,313	\$682,117	\$54,196	Note 6, c	
100	568 - Sylmar/Palo Verde	\$221,533	\$0	\$221,533	100.0%	\$221,533	\$0	\$221,533	100% per Protocols	
101	569 - Maintenance of Structures	\$45,072	\$11,325	\$33,747	21.8%	\$9,840	\$2,473	\$7,368	Note 6, b	
102	569.100 - Hardware	\$106,672	\$123	\$106,549	40.6%	\$43,336	\$50	\$43,286	Note 6, a	
103	569.200 - Software	\$30	\$30	\$0	40.6%	\$12	\$12	\$0	Note 6, a	
104	569.300 - Communication	\$656,928	\$3,754	\$653,174	40.6%	\$266,880	\$1,525	\$265,355	Note 6, a	
105	569 - Sylmar/Palo Verde	\$179,627	\$118	\$179,509	100.0%	\$179,627	\$118	\$179,509	100% per Protocols	
106	570 - Maintenance of Power Transformers	\$979,355	\$534,001	\$445,354	22.1%	\$216,915	\$118,275	\$98,640	27-Allocators Line 72	
107	570 - Maintenance of Transmission Circuit Breakers	\$1,632,860	\$1,150,286	\$482,574	36.0%	\$587,788	\$414,074	\$173,714	27-Allocators Line 78	
108	570 - Maintenance of Transmission Voltage Equipment	\$128,913	\$401,047	-\$272,135	67.2%	\$86,688	\$269,685	-\$182,997	27-Allocators Line 84	
109	570 - Maintenance of Miscellaneous Transmission Equipment	\$2,949,176	\$1,836,316	\$1,112,860	36.6%	\$1,079,967	\$672,446	\$407,521	Note 6, c	
110	570 - Substation Work Order Related Expense	\$1,649,318	\$466,629	\$1,182,689	28.4%	\$468,246	\$132,477	\$335,769	27-Allocators Line 90	
111	570 - Sylmar/Palo Verde	\$1,694,492	\$267	\$1,694,225	100.0%	\$1,694,492	\$267	\$1,694,225	100% per Protocols	
112	571 - Poles and Structures	\$3,219,089	\$2,270,115	\$948,974	46.8%	\$1,505,633	\$1,061,779	\$443,854	27-Allocators Line 48	
113	571 - Insulators and Conductors	\$3,835,251	\$2,629,844	\$1,205,406	46.8%	\$1,793,825	\$1,230,032	\$563,793	27-Allocators Line 48	
114	571 - Transmission Line Rights of Way	\$14,073,873	\$2,162,478	\$11,911,395	46.8%	\$6,582,637	\$1,011,435	\$5,571,202	27-Allocators Line 48	
115	571 - Transmission Work Order Related Expense	\$7,187,575	\$1,034,614	\$6,152,961	5.5%	\$394,539	\$56,792	\$337,747	27-Allocators Line 96	
116	571 - Sylmar/Palo Verde	\$416,929	\$3	\$416,925	100.0%	\$416,929	\$3	\$416,925	100% per Protocols	
117	572 - Maintenance of Underground Transmission Lines	\$1,042,584	\$148,763	\$893,821	0.3%	\$2,969	\$424	\$2,545	27-Allocators Line 54	
118	572 - Sylmar/Palo Verde	-\$44,129	\$0	-\$44,129	100.0%	-\$44,129	\$0	-\$44,129	100% per Protocols	
119	573 - Provision for Property Damage Expense to Trans. Fac.	\$1,908,587	\$596,097	\$1,312,490	43.3%	\$826,052	\$257,996	\$568,056	27-Allocators Line 102	
120	...	---	---	---	---	---	---	---	---	
121	Transmission NOIC (Note 4)	\$9,481,030	\$9,481,030	\$0		\$3,844,240	\$3,844,240	-		
122	<b>Total Transmission - ISO O&amp;M</b>	<b>\$169,693,595</b>	<b>\$86,461,730</b>	<b>\$83,231,865</b>		<b>80,137,735</b>	<b>35,057,336</b>	<b>45,080,400</b>		

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	Adjusted Recorded O&M Expenses			Percent	ISO O&M Expenses			Percent ISO
	Total	Labor	Non-Labor	ISO	Total	Labor	Non-Labor	Reference
<b>Distribution Accounts</b>								
124 582 - Operation and Relay Protection of Distribution Substation	\$24,129,873	\$17,860,182	\$6,269,691	0.00%	-	-	-	Note 6, d
125 582 - Testing and Inspecting Distribution Substation Equipmen	\$11,112,485	\$9,050,545	\$2,061,940	0.00%	-	-	-	Note 6, d
126 590 - Maintenance Supervision and Engineering	\$2,004,341	\$1,857,918	\$146,423	0.00%	-	-	-	Note 6, d
127 591 - Maintenance of Structures	\$215,353	\$81,556	\$133,797	0.00%	-	-	-	Note 6, d
128 592 - Maintenance of Distribution Transformers	\$701,380	\$447,807	\$253,573	0.0%	-	-	-	27-Allocators Line 108
129 592 - Maintenance of Distribution Circuit Breakers	\$2,381,836	\$1,698,102	\$683,734	0.0%	-	-	-	27-Allocators Line 114
130 592 - Maintenance of Distribution Voltage Control Equipment	\$876,590	\$560,179	\$316,412	0.0%	-	-	-	27-Allocators Line 120
131 592 - Maintenance of Miscellaneous Distribution Equipment	\$7,298,992	\$2,327,050	\$4,971,942	0.00%	-	-	-	Note 6, d
132 Accounts with no ISO Distribution Costs	\$435,928,974	\$180,000,716	\$255,928,258	0.00%	-	-	-	0% per Protocols
133 Distribution NOIC (Note 4)	\$26,318,207	\$26,318,207	\$0	0.00%	-	-	-	0% per Protocols
134 <b>Total Distribution - ISO O&amp;M</b>	\$510,968,031	\$240,202,261	\$270,765,770		-	-	-	
135								
136								
137 <b>Total ISO O&amp;M Expenses (in Column 6)</b>	\$680,661,626	\$326,663,992	\$353,997,634		\$80,137,735	\$35,057,336	\$45,080,400	
138 Line 122 + Line 134								

**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: Add NOIC annual payout.
  - F: Exclude amount of costs transferred to account from A&G Account 920 pursuant to Order 668.
  - G: Exclude any amount of ACE awards or Spot Bonuses in O&M accounts 560-592.
  - H: 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: **70**

	Percentage	Calculation
Transmission NOIC Percentage:	26.4839%	Line 52, Col 3 / Line 66, Col 3
Distribution NOIC Percentage:	73.5161%	Line 64, Col 3 / Line 66, 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: 40.55%

5) "ISO Operations and Maintenance Expenses" is the amount of costs in each Transmission or Distribution account related to ISO Transmission Facilities.

6) "Percent ISO" percentages are calculated in accordance with the method set forth in SCE's TO Tariff protocols. See Column 9 for references to source of each Percent ISO.

Certain "Percent ISO percentages are calculable based on other "Percent ISO" amounts, as follows:

- a) Accounts 560 - Operations Engineering, 566 - Training, 566-Other, 569.100 Hardware, 569.200 Software, and 569.300 Communication: Percent ISO  
Percent ISO for these accounts is equal to total ISO labor in accounts 561, 562, 563, 564, 566 (except Training and Other), 570, 571, and 572 (Column 7) divided by total labor in these same accounts (column 3): 40.6%
- b) Account 569 - Maintenance of Structures  
Percent ISO for this account is equal to the total ISO labor in accounts 562 and 570 (Column 7) divided by total labor in this same account (Column 3). 21.8%
- c) Account 570 - Maintenance of Miscellaneous Transmission Equipment and Account 568 -Maintenance Supervision and Engineering  
Percent ISO for this account is equal to the total ISO labor in accounts listed below (Column 7) divided by total labor in these same accounts (Column 3). 36.6%
  - 570 - Maintenance of Power Transformers
  - 570 - Substation Work Order Related Expense
  - 570 - Maintenance of Transmission Voltage Equipment
  - 570 - Maintenance of Transmission Circuit Breakers
- d) Accounts 582, 590, 591, and 592 - Maintenance of Miscellaneous Distribution Equipment  
Percent ISO for these accounts is equal to the total ISO labor in account 592, exclusive of Maintenance of Miscellaneous Distribution Equipment (Column 7) divided by total labor in this same account (Column 3). 0.00%

7) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 19.

Schedule 20  
Administrative and General Expenses

TO11 Annual Update  
Attachment 1

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	\$388,180,572	FF1 323.181b	\$79,004,366	\$309,176,206	
2	921	Office Supplies and Expenses	\$194,110,998	FF1 323.182b	\$81,747	\$194,029,251	
3	922	A&G Expenses Transferred	-\$117,633,265	FF1 323.183b	-\$32,115,774	-\$85,517,491	Credit
4	923	Outside Services Employed	\$97,403,016	FF1 323.184b	\$14,967,773	\$82,435,243	
5	924	Property Insurance	\$13,240,374	FF1 323.185b	\$0	\$13,240,374	
6	925	Injuries and Damages	\$98,359,983	FF1 323.186b	\$450	\$98,359,533	
7	926	Employee Pensions and Benefits	\$166,400,467	FF1 323.187b	\$8,162,240	\$158,238,227	
8	927	Franchise Requirements	\$114,123,922	FF1 323.188b	\$114,123,922	\$0	
9	928	Regulatory Commission Expenses	\$35,110,806	FF1 323.189b	\$33,490,096	\$1,620,710	
10	929	Duplicate Charges	\$0	FF1 323.190b	\$0	\$0	
11	930.1	General Advertising Expense	\$8,785,032	FF1 323.191b	\$0	\$8,785,032	
12	930.2	Miscellaneous General Expense	\$18,594,127	FF1 323.192b	\$17,089,275	\$1,504,852	
13	931	Rents	\$23,119,538	FF1 323.193b	\$0	\$23,119,538	
14	935	Maintenance of General Plant	\$19,035,369	FF1 323.196b	\$27,068	\$19,008,301	
15			\$1,058,830,939		Total A&G Expenses:	\$823,999,776	

		Amount	Source
16	Remaining A&G after exclusions & NOIC Adjustment:	\$823,999,776	Line 15
17	Less Account 924:	\$13,240,374	Line 5
18	Amount to apply the Transmission W&S AF:	\$810,759,402	Line 16 - Line 17
19	Transmission Wages and Salaries Allocation Factor:	6.0220%	27-Allocators, Line 9
20	Transmission W&S AF Portion of A&G:	\$48,824,004	Line 18 * Line 19
21	Transmission Plant Allocation Factor:	19.0643%	27-Allocators, Line 22
22	Property Insurance portion of A&G:	\$2,524,184	Line 5 Col 4 * Line 21
23	Administrative and General Expenses:	\$51,348,188	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	\$79,004,366	-\$10,628,956		\$89,633,323		See Instructions 2b, 3, and Note 2
25	\$81,747	\$81,747		\$0		
26	-\$32,115,774	-\$8,585,808		-\$23,529,966		
27	\$14,967,773	\$14,967,773		\$0		
28	\$0	\$0		\$0		
29	\$450	\$450		\$0		
30	\$8,162,240	\$22,099,325		\$0	-\$13,937,085	See Note 3
31	\$114,123,922	\$0	\$114,123,922	\$0	\$0	See Note 4
32	\$33,490,096	\$33,490,096		\$0		
33	\$0	\$0		\$0		
34	\$0	\$0		\$0		
35	\$17,089,275	\$17,089,275		\$0		
36	\$0	\$0		\$0		
37	\$27,068	\$27,068		\$0		

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

(NOIC includes Results Sharing, Management Incentive Program, and Non-Officer Executive Incentive Compensation).  
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: \$117,649,828	SCE Records
b	Actual A&G NOIC payout: \$28,016,505	Note 2, d
c	Adjustment: \$89,633,323	

Actual non-capitalized NOIC Payouts:

	<u>Department</u>	<u>Amount</u>	<u>Source</u>
d	A&G	\$28,016,505	SCE Records and Workpapers
e	Other	\$14,148,857	SCE Records and Workpapers
f	Trans. And Dist. Business Unit	\$35,799,237	SCE Records and Workpapers
g	Total:	\$77,964,598	Sum of d to f

**Note 3: PBOPs Exclusion Calculation**

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

**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.
  - h) Exclude the following amounts of employee incentive compensation from any account 920-935:
    - 1) Any Long Term Incentive Compensation ("LTI") costs.
    - 2) Beginning with Prior Year 2012, any amount of Officer Executive Incentive Compensation ("OEIC") in excess of the amount authorized by the CPUC in Decision D.12-11-051 or subsequent decision.
    - 3) Beginning with Prior Year 2012, any amount of Supplemental Executive Retirement Plan ("SERP") in excess of the amount authorized by the CPUC in Decision D.12-11-051 or subsequent decision.
    - 4) Beginning with Prior Year 2012, any amount of NOIC in excess of the amount authorized by the CPUC in Decision D.12-11-051 or subsequent decision.
    - 5) Any Spot Bonus costs.
    - 6) Any Awards to Celebrate Excellence ("ACE") costs.
- 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 is excluded from account 926 (see note 3). Docket or Decision approving authorized PBOPs amount: ER16-2433, Order dated September 28, 2016
- 5) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 20.

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.	\$6,591,990	Traditional OOR	\$6,591,990	\$0	\$6,591,990	\$0		\$0	\$0	\$0	1
1b	450	4191115	Residential Late Payment	\$11,085,586	Traditional OOR	\$11,085,586	\$0	\$11,085,586	\$0		\$0	\$0	\$0	1
1c	450	4191120	Non-Residential Late Payment	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	1
2	<b>450 Total</b>			<b>\$17,677,575</b>		<b>\$17,677,575</b>	<b>\$0</b>	<b>\$17,677,575</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
3	<b>FF-1 Total for Acct 450 - Forfeited Discounts, p300.16b (Must Equal Line 2)</b>			<b>\$17,677,575</b>										
4a	451	4182110	Recover Unauthorized Use/Non-Energy	\$103,089	Traditional OOR	\$103,089	\$0	\$103,089	\$0		\$0	\$0	\$0	1
4b	451	4182115	Miscellaneous Service Revenue - Ownership Cost	\$534,668	Traditional OOR	\$534,668	\$0	\$534,668	\$0		\$0	\$0	\$0	1
4c	451	4192110	Miscellaneous Service Revenues	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	1
4d	451	4192115	Returned Check Charges	\$1,510,178	Traditional OOR	\$1,510,178	\$0	\$1,510,178	\$0		\$0	\$0	\$0	1
4e	451	4192125	Service Reconnection Charges	\$20,452	Traditional OOR	\$20,452	\$0	\$20,452	\$0		\$0	\$0	\$0	1
4f	451	4192130	Service Establishment Charge	\$736	Traditional OOR	\$736	\$0	\$736	\$0		\$0	\$0	\$0	1
4g	451	4192140	Field Collection Charges	\$108	Traditional OOR	\$108	\$0	\$108	\$0		\$0	\$0	\$0	1
4h	451	4192510	Quickcheck Revenue	\$50	GRSM	\$0	\$0	\$0	\$50	P	-\$25	\$75	\$0	2
4i	451	4192910	PUC Reimbursement Fee-Elect	\$229,441	Other Ratemaking	\$0	\$0	\$0	\$0		\$0	\$229,441	\$0	6
4j	451	4182120	Uneconomic Line Extension	\$3,003	Traditional OOR	\$3,003	\$0	\$3,003	\$0		\$0	\$0	\$0	1
4k	451	4192152	Opt Out CARE-Res-Ini	\$3,040	Other Ratemaking	\$0	\$0	\$0	\$0		\$0	\$3,040	\$0	1
4l	451	4192155	Opt Out CARE-Res-Mo	\$242,820	Other Ratemaking	\$0	\$0	\$0	\$0		\$0	\$242,820	\$0	1
4m	451	4192158	Opt Out NonCARE-Res-Ini	\$85,500	Other Ratemaking	\$0	\$0	\$0	\$0		\$0	\$85,500	\$0	1
4n	451	4192160	Opt Out NonCARE-Res-Mo	\$1,647,415	Other Ratemaking	\$0	\$0	\$0	\$0		\$0	\$1,647,415	\$0	1
4o	451	4192135	Conn-Charge - Residential	\$6,784,262	Traditional OOR	\$6,784,262	\$0	\$6,784,262	\$0		\$0	\$0	\$0	1
4p	451	4192145	Conn-Charge - Non-Residential	\$3,312,223	Traditional OOR	\$3,312,223	\$0	\$3,312,223	\$0		\$0	\$0	\$0	1
4q	451	4192150	Conn-Charge - At Pole	\$14,042	Traditional OOR	\$14,042	\$0	\$14,042	\$0		\$0	\$0	\$0	1
5	<b>451 Total</b>			<b>\$14,491,027</b>		<b>\$12,282,761</b>	<b>\$0</b>	<b>\$12,282,761</b>	<b>\$50</b>		<b>-\$25</b>	<b>\$75</b>	<b>\$2,208,216</b>	
6	<b>FF-1 Total for Acct 451 - Misc. Service Revenues, p300.17b (Must Equal Line 5)</b>			<b>\$14,491,027</b>										
7a	453	4183110	Sales of Water & Water Power - San Joaquin	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	3
7b	453	4183115	Sales of Water & Water Power - Headwater	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	3
7c	453	-	Miscellaneous Adjustments	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	3
8	<b>453 Total</b>			<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
9	<b>FF-1 Total for Acct 453 - Sales of Water and Power, p300.18b (Must Equal Line 8)</b>			<b>\$0</b>										
10a	454	4184110	Joint Pole - Tariffed Conduit Rental	\$438,695	Traditional OOR	\$438,695	\$0	\$438,695	\$0		\$0	\$0	\$0	4
10b	454	4184112	Joint Pole - Tariffed Pole Rental - Cable Cos.	\$3,225,686	Traditional OOR	\$3,225,686	\$0	\$3,225,686	\$0		\$0	\$0	\$0	4
10c	454	4184114	Joint Pole - Tariffed Process & Eng Fees - Cable	\$361,040	Traditional OOR	\$361,040	\$0	\$361,040	\$0		\$0	\$0	\$0	4
10d	454	4184116	Joint Pole - Tariffed Process & Eng Fees - Conduit	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	4
10e	454	4184118	Joint Pole - PI Atchmnt Audit - Undoc P&E Fee	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	4
10f	454	4184120	Joint Pole - Aud - Unauth Penalty	\$644,500	Traditional OOR	\$644,500	\$0	\$644,500	\$0		\$0	\$0	\$0	4
10g	454	4184510	Joint Pole - Non-Tariffed Pole Rental	\$139,670	GRSM	\$0	\$0	\$0	\$139,670	P	\$33,253	\$106,417	\$0	2
10h	454	4184512	Joint Pole - Non-Tariff Process & Engineering Fees	\$47,912	GRSM	\$0	\$0	\$0	\$47,912	P	\$2,798	\$45,114	\$0	2
10i	454	4184514	Joint Pole - Non-Tariff Requests for Information	\$329	GRSM	\$0	\$0	\$0	\$329	P	\$0	\$329	\$0	2
10j	454	4184516	Oil And Gas Royalties	\$23,040	GRSM	\$0	\$0	\$0	\$23,040	P	\$6,724	\$16,316	\$0	2
10k	454	4184518	Def Operating Land & Facilities Rent Rev	-\$98,992	Traditional OOR	-\$98,992	\$0	-\$98,992	\$0		\$0	\$0	\$0	4
10l	454	4184810	Facility Cost-ElX/Nonutility	\$1,446,707	Other Ratemaking	\$85,631	\$85,631	\$0	\$0		\$0	\$1,361,077	\$0	6, 12
10m	454	4184815	Facility Cost- Utility	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	7
10n	454	4184820	Rent Billed to Non-Utility Affiliates	\$1,477,776	Other Ratemaking	\$87,470	\$87,470	\$0	\$0		\$0	\$1,390,306	\$0	6, 12
10o	454	4184825	Rent Billed to Utility Affiliates	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	7
10p	454	4194110	Meter Leasing Revenue	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	1
10q	454	4194115	Company Financed Added Facilities	\$10,800,314	Traditional OOR	\$10,800,314	\$0	\$10,800,314	\$0		\$0	\$0	\$0	4
10r	454	4194120	Company Financed Interconnect Facilities	\$451,095	Traditional OOR	\$451,095	\$0	\$451,095	\$0		\$0	\$0	\$0	4
10s	454	4194130	SCE Financed Added Facility	\$23,006,876	Traditional OOR	\$23,006,876	\$0	\$23,006,876	\$0		\$0	\$0	\$0	4
10t	454	4194135	Interconnect Facility Finance Charge	\$14,543,025	Traditional OOR	\$14,543,025	\$4,119,174	\$10,423,851	\$0		\$0	\$0	\$0	8
10u	454	4204515	Operating Land & Facilities Rent Revenue	\$19,957,532	GRSM	\$0	\$0	\$0	\$19,957,532	P	\$4,234,467	\$15,723,065	\$0	2
10v	454	4867020	Nonoperating Misc Land & Facilities Rent	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	4
10w	454	-	Miscellaneous Adjustments	\$0	Traditional OOR	\$0	\$0	\$0	\$0		\$0	\$0	\$0	1
10x	454	4206515	Op Misc Land/Fac Rev	\$913,397	GRSM	\$0	\$0	\$0	\$913,397	P	\$391,762	\$521,635	\$0	2
10y	454	4184122	T-Unauth Pole Rent	-\$180	Traditional OOR	-\$180	\$0	-\$180	\$0		\$0	\$0	\$0	4
10z	454	4184124	T-P&E Fees	\$96,480	Traditional OOR	\$96,480	\$0	\$96,480	\$0		\$0	\$0	\$0	4
11	<b>454 Total</b>			<b>\$77,474,902</b>		<b>\$53,641,640</b>	<b>\$4,292,274</b>	<b>\$49,349,366</b>	<b>\$21,081,879</b>		<b>\$4,669,004</b>	<b>\$16,412,875</b>	<b>\$2,751,383</b>	
12	<b>FF-1 Total for Acct 454 - Rent from Elec. Property, p300.19b (Must Equal Line 11)</b>			<b>\$77,474,902</b>										

Schedule 21  
Revenue Credits

TO11 Annual Update  
Attachment 1

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
12a	456	4186114	Energy Related Services	\$3,908,191	Traditional OOR	\$3,908,191	\$0	\$3,908,191	\$0			\$0	\$0	1
12b	456	4186118	Distribution Miscellaneous Electric Revenues	\$5,367,369	Traditional OOR	\$5,367,369	\$0	\$5,367,369	\$0			\$0	\$0	4
12c	456	4186120	Added Facilities - One Time Charge	\$380,614	Traditional OOR	\$380,614	\$0	\$380,614	\$0			\$0	\$0	4
12d	456	4186122	Building Rental - New Power/Mohave Cr	\$0	Traditional OOR	\$0	\$0	\$0	\$0			\$0	\$0	3
12e	456	4186126	Service Fee - Optimal Bill Prd	\$320	Traditional OOR	\$320	\$0	\$320	\$0			\$0	\$0	1
12f	456	4186128	Miscellaneous Revenues	\$599,291	Traditional OOR	\$599,291	\$0	\$599,291	\$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	\$225,293	Other Ratemaking	\$13,335	\$13,335	\$0	\$0			\$0	\$211,957	6, 12
12k	456	4186162	Reliant Eng FSA Ann Pymnt-Mandalay	\$1,688	Traditional OOR	\$1,688	\$0	\$1,688	\$0			\$0	\$0	4
12l	456	4186164	Reliant Eng FSA Ann Pymnt-Ormond Beach	\$16,942	Traditional OOR	\$16,942	\$0	\$16,942	\$0			\$0	\$0	4
12m	456	4186166	Reliant Eng FSA Ann Pymnt-Etwanda	\$5,119	Traditional OOR	\$5,119	\$0	\$5,119	\$0			\$0	\$0	4
12n	456	4186168	Reliant Eng FSA Ann Pymnt-Ellwood	\$1,159	Traditional OOR	\$1,159	\$0	\$1,159	\$0			\$0	\$0	4
12o	456	4186170	Reliant Eng FSA Ann Pymnt-Coolwater	\$986	Traditional OOR	\$986	\$0	\$986	\$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	\$1,689,974	GRSM	\$0	\$0	\$0	\$1,689,974	P	\$158,573	\$1,531,401	\$0	2
12r	456	4186514	Mapping Services	\$148,679	GRSM	\$0	\$0	\$0	\$148,679	P	\$23,100	\$125,579	\$0	2
12s	456	4186518	Enhanced Pump Test Revenue	\$42,095	GRSM	\$0	\$0	\$0	\$42,095	P	\$6,697	\$35,398	\$0	2
12t	456	4186520	RTTC Revenue	\$0	GRSM	\$0	\$0	\$0	\$0	P		\$0	\$0	2
12u	456	4186524	Revenue From Scrap Paper - General Office	\$0	GRSM	\$0	\$0	\$0	\$0	P		\$0	\$0	2
12v	456	4186528	CTAC Revenues	\$3,115	GRSM	\$0	\$0	\$0	\$3,115	P	\$1,050	\$2,065	\$0	2
12w	456	4186530	AGTAC Revenues	\$13,940	GRSM	\$0	\$0	\$0	\$13,940	P	\$5,604	\$8,336	\$0	2
12x	456	4186536	Other Inc/erd Party DC-ESM	\$0	GRSM	\$0	\$0	\$0	\$0	P		\$0	\$0	2
12y	456	4186538	3rd Party-Div Trng-Cr PPD training	\$0	GRSM	\$0	\$0	\$0	\$0	P		\$0	\$0	2
12z	456	4186716	ADT Vendor Service Revenue	\$0	GRSM	\$0	\$0	\$0	\$0	A		\$0	\$0	2
12aa	456	4186718	Read Water Meters - Irvine Ranch	\$0	GRSM	\$0	\$0	\$0	\$0	A		\$0	\$0	2
12bb	456	4186720	Read Water Meters - Rancho California	\$0	GRSM	\$0	\$0	\$0	\$0	A		\$0	\$0	2
12cc	456	4186722	Read Water Meters - Long Beach	\$0	GRSM	\$0	\$0	\$0	\$0	A		\$0	\$0	2
12dd	456	4186730	SSID Transformer Repair Services Revenue	\$0	GRSM	\$0	\$0	\$0	\$0	A		\$0	\$0	2
12ee	456	4186815	Employee Transfer/Affiliate Fee	\$1,742	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$1,742	6
12ff	456	4186910	ITCC/CIAC Revenues	\$34,805,985	Traditional OOR	\$34,805,985	\$0	\$34,805,985	\$0			\$0	\$0	4
12gg	456	4186912	Revenue From Decommission Trust Fund	-\$47,805,279	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	-\$47,805,279	6
12hh	456	4186914	Revenue From Decommissioning Trust FAS115	-\$29,298,543	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	-\$29,298,543	6
12ii	456	4186916	Offset to Revenue from NDT Earnings/Realized	\$47,805,732	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$47,805,732	6
12ij	456	4186918	Offset to Revenue from FAS 115 FMV	\$29,298,543	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$29,298,543	6
12kk	456	4186920	Revenue From Decommissioning Trust FAS115-1	\$42,542,364	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$42,542,364	6
12ll	456	4186922	Offset to Revenue from FAS 115-1 Gains & Loss	-\$42,542,364	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	-\$42,542,364	6
12mm	456	4188712	Power Supply Installations - IMS	\$0	GRSM	\$0	\$0	\$0	\$0	A		\$0	\$0	2
12nn	456	4188714	Consulting Fees - IMS	\$0	GRSM	\$0	\$0	\$0	\$0	A		\$0	\$0	2
12oo	456	4188818	FTR Auction Revenue	\$0	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$0	6
12pp	456	4196105	DA Revenue	\$282,615	Traditional OOR	\$282,615	\$0	\$282,615	\$0			\$0	\$0	1
12qq	456	4196154	Direct Access Monthly Customer Charges	\$0	Traditional OOR	\$0	\$0	\$0	\$0			\$0	\$0	1
12rr	456	4196158	EDBL Customer Finance Added Facilities	\$4,022,307	Traditional OOR	\$4,022,307	\$0	\$4,022,307	\$0			\$0	\$0	4
12ss	456	4196162	SCE Energy Manager Fee Based Services	\$145,396	Traditional OOR	\$145,396	\$0	\$145,396	\$0			\$0	\$0	4
12tt	456	4196166	SCE Energy Manager Fee Based Services Adj	-\$8	Traditional OOR	-\$8	\$0	-\$8	\$0			\$0	\$0	4
12uu	456	4196172	Off Grid Photo Voltaic Revenues	\$0	Traditional OOR	\$0	\$0	\$0	\$0			\$0	\$0	1
12vv	456	4196174	Scheduling/Dispatch Revenues	-\$69	Traditional OOR	-\$69	\$0	-\$69	\$0			\$0	\$0	4
12ww	456	4196176	Interconnect Facilities Charges-Customer Financed	\$2,207,512	Traditional OOR	\$2,207,512	\$26,518	\$2,180,994	\$0			\$0	\$0	8
12xx	456	4196178	Interconnect Facilities Charges - SCE Financed	\$11,751,029	Traditional OOR	\$11,751,029	\$0	\$11,751,029	\$0			\$0	\$0	4
12yy	456	4196184	DMS Service Fees	\$2,579	Traditional OOR	\$2,579	\$0	\$2,579	\$0			\$0	\$0	4
12zz	456	4196188	CCA - Information Fees	\$30,029	Traditional OOR	\$30,029	\$0	\$30,029	\$0			\$0	\$0	6
12aaa	456	4206515	Operating Miscellaneous Land & Facilities	\$0	GRSM	\$0	\$0	\$0	\$0	P		\$0	\$0	2
12bbb	456	-	Miscellaneous Adjustments	\$0	Traditional OOR	\$0	\$0	\$0	\$0			\$0	\$0	1
12ccc	456	4186911	Grant Amortization	\$3,603,425	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$3,603,425	6
12ddd	456	4186925	GHC Allowance Revenue	\$390,808,663	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$390,808,663	6
12eee	456	4186174	3rd Party Svs-Outside SCE AES Huntington Beach	\$69	Traditional OOR	\$69	\$0	\$69	\$0			\$0	\$0	1
12fff	456	4186740	Advanced Technology 3rd Party Services	\$142,598	GRSM	\$0	\$0	\$0	\$142,598	A	\$33,569	\$109,028	\$0	1
12ggg	456	4186116	EV Charging Revenue	\$22,471	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$22,471	6
12hhh	456	6165180	Telcm Sys/Equip Svcs	\$494	Traditional OOR	\$494	\$0	\$494	\$0			\$0	\$0	4
12iii	456	8050121	CAMT/8050121	\$5	Traditional OOR	\$5	\$0	\$5	\$0			\$0	\$0	4
13	456	Total		\$460,444,153		\$63,755,041	\$39,853	\$63,715,188	\$2,040,401		\$228,593	\$1,811,808	\$394,648,710	
14		FF-1 Total for Acct 456 - Other electric Revenues, p300.21b (Must Equal Line 13)		\$460,444,153										



Line	FERC ACCT	B ACCT	C ACCT DESCRIPTION	D DOLLARS	E Category	F Traditional OOR			G GRSM			M Other Ratemaking	N Notes	
						Total	ISO	Non-ISO	Total	A/P	Threshold [10]			Incremental
15a	456.1	4188112	Trans of Elec of Others - Pasadena	\$0	Traditional OOR	\$0	\$0	\$0	\$0			\$0	\$0	5
15b	456.1	4188114	FTS PPU/Non-ISO	\$298,192	Traditional OOR	\$298,192	\$0	\$298,192	\$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	\$140,281	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$140,281	6
15e	456.1	4188814	ISO-Wheeling Revenue - High Voltage	\$29,455,888	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$29,455,888	6
15f	456.1	4188816	ISO-Congestion Revenue	\$0	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$0	6
15g	456.1	4198110	Transmission of Elec of Others	\$41,697,458	Traditional OOR	\$41,697,458	\$41,697,458	\$0	\$0			\$0	\$0	5
15h	456.1	4198112	WDAT	\$5,283,226	Traditional OOR	\$5,283,226	\$0	\$5,283,226	\$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	4198115	High Voltage Trans Access Rev (Existing Contracts)	\$0	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$0	6
15k	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
15l	456.1	4198118	Radial Line Rev-O&M - AES Huntington Beach	\$402,148	Traditional OOR	\$402,148	\$0	\$402,148	\$0			\$0	\$0	4
15m	456.1	4198120	Radial Line Rev-O&M - Reliant Mandalay	\$209,706	Traditional OOR	\$209,706	\$0	\$209,706	\$0			\$0	\$0	4
15n	456.1	4198122	Radial Line Rev-O&M - Reliant Coolwater	\$551,002	Traditional OOR	\$551,002	\$0	\$551,002	\$0			\$0	\$0	4
15o	456.1	4198124	Radial Line Rev-O&M - Ormond Beach	\$651,331	Traditional OOR	\$651,331	\$0	\$651,331	\$0			\$0	\$0	4
15p	456.1	4198126	High Desert Tie-Line Rental Rev	\$264,133	Traditional OOR	\$264,133	\$0	\$264,133	\$0			\$0	\$0	4
15q	456.1	4198128	Scheduling/Dispatch Revenues (CSS)	\$0	Traditional OOR	\$0	\$0	\$0	\$0			\$0	\$0	4
15r	456.1	4198130	Inland Empire CRT Tie-Line EX	\$42,492	Traditional OOR	\$42,492	\$0	\$42,492	\$0			\$0	\$0	4
15s	456.1	4198910	Reliability Service Revenue - Non-PTO's	\$0	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$0	6
15t	456.1	4198132	RLA-Base-Mojave Solr	\$193,137	Traditional OOR	\$193,137	\$0	\$193,137	\$0			\$0	\$0	4
15u	456.1	4198134	RLA-O&M-Mojave Solr	\$490,354	Traditional OOR	\$490,354	\$0	\$490,354	\$0			\$0	\$0	4
15v	456.1	4198910	RSR - Non-PTO's	\$246,974	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$246,974	6
15w	456.1	4188716	ISO Non-Ref Int Depo	\$12,503,458	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$12,503,458	6
16	456.1 Total			\$94,897,914		\$52,551,313	\$41,697,458	\$10,853,855	\$0		\$0	\$0	\$42,346,601	
17	FF-1 Total for Account 456.1 - Revenues from Trans. Of Electricity of Others, p300.22b (Must Equal Line 16)			\$94,897,914										
18a														
19	457.1 Total			\$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	
23	FF-1 Total for Account 457.2- Miscellaneous Revenues, p300.24b (Must Equal Line 22)			\$0										
<b>Edison Carrier Solutions (ECS)</b>														
24a	417	4863135	ECS - Pass Pole Attachments	\$0	GRSM	\$0	\$0	\$0	\$0	P		\$0	\$0	2
24b	417	4863130	ECS - Distribution Facilities	\$709,919	GRSM	\$0	\$0	\$0	\$709,919	P	\$124,568	\$585,351	\$0	2
24c	417	4862110	ECS - Dark Fiber	\$5,945,121	GRSM	\$0	\$0	\$0	\$5,945,121	A	\$1,143,818	\$4,801,303	\$0	2
24d	417	4862115	ECS - SCE Net Fiber	\$3,360,255	GRSM	\$0	\$0	\$0	\$3,360,255	A	\$670,788	\$2,689,467	\$0	2
24e	417	4862120	ECS - Transmission Right of Way	-\$434,632	GRSM	\$0	\$0	\$0	-\$434,632	A	\$52,539	-\$487,171	\$0	2
24f	417	4862135	ECS - Wholesale FCC	\$26,412,937	GRSM	\$0	\$0	\$0	\$26,412,937	A	\$5,553,484	\$20,859,453	\$0	2
24g	417	4864110	ECS - Infrastructure Leasing	\$0	GRSM	\$0	\$0	\$0	\$0	A		\$0	\$0	2
24h	417	4864115	ECS - EU FCC Rev	\$326,260	GRSM	\$0	\$0	\$0	\$326,260	A	\$62,887	\$263,373	\$0	2
24i	417	4862125	ECS - Cell Site Rent and Use (Active)	\$15,212,869	GRSM	\$0	\$0	\$0	\$15,212,869	A	\$2,799,119	\$12,413,749	\$0	2
24j	417	4862130	ECS - Cell Site Reimbursable (Active)	\$4,452,253	GRSM	\$0	\$0	\$0	\$4,452,253	A	\$367,956	\$4,084,298	\$0	2
24k	417	4863120	ECS - Communication Sites	\$363,240	GRSM	\$0	\$0	\$0	\$363,240	P	\$78,454	\$284,787	\$0	2
24l	417	4863110	ECS - Cell Site Rent and Use (Passive)	\$3,406,565	GRSM	\$0	\$0	\$0	\$3,406,565	P	\$656,836	\$2,749,728	\$0	2
24m	417	4863115	ECS - Cell Site Reimbursable (Passive)	\$622,900	GRSM	\$0	\$0	\$0	\$622,900	P	\$60,341	\$562,559	\$0	2
24n	417	4863125	ECS - Micro Cell	\$1,141,486	GRSM	\$0	\$0	\$0	\$1,141,486	P	\$203,027	\$938,460	\$0	2
24o	417	4864120	ECS - End User Universal Service Fund Fee	\$2,658	GRSM	\$0	\$0	\$0	\$2,658	A		\$2,658	\$0	2
25	417 ECS Total			\$61,521,832		\$0	\$0	\$0	\$61,521,832		\$11,773,817	\$49,748,016	\$0	
26	417 Other			\$7,714,253										
27	FF-1 Total for Account 417 - Revenues From Nonutility Operations p117.33c (Must Equal Line 25 + 26)			\$69,236,085										

Line	FERC ACCT	B ACCT	C ACCT DESCRIPTION	D DOLLARS	E Category	F Traditional OOR			G GRSM			M Other Ratemaking	N Notes	
						Total	ISO	Non-ISO	Total	A/P	Threshold [10]			Incremental
<b>Subsidiaries</b>														
28a	418.1		ESI (Gross Revenues - Active)	\$24,500	GRSM	\$0	\$0	\$0	\$24,500	A	\$0	\$24,500	\$0	2,9
28b	418.1		ESI (Gross Revenues - Passive)	\$0	GRSM	\$0	\$0	\$0	\$0	P	\$0	\$0	\$0	2,9
28c	418.1		Southern States Realty	\$1,891	GRSM	\$0	\$0	\$0	\$1,891	P	\$0	\$1,891	\$0	2, 15
28d	418.1		Mono Power Company	-\$713	Traditional OOR	-\$713	\$0	-\$713	\$0			\$0	\$0	13
28e	418.1		SCE Capital Company	\$0	Traditional OOR	\$0	\$0	\$0	\$0			\$0	\$0	14
28f	418.1		Edison Material Supply (EMS)	-\$1,738,601	Traditional OOR	-\$1,738,601	-\$102,908	-\$1,635,694	\$0			\$0	\$0	7, 17
<b>418.1 Subsidiaries Total</b>				<b>-\$1,712,923</b>		<b>-\$1,739,314</b>	<b>-\$102,908</b>	<b>-\$1,636,407</b>	<b>\$26,391</b>		<b>\$0</b>	<b>\$26,391</b>	<b>\$0</b>	
30	<b>418.1 Other (See Note 16)</b>			<b>\$1,864,004</b>										
31	<b>FF-1 Total for Account 418.1 - Equity in Earnings of Subsidiary Companies, p117.36c (Must Equal Line 29 + 30)</b>			<b>\$151,081</b>										
32	<b>Totals</b>			<b>\$724,794,480</b>		<b>\$198,169,016</b>	<b>\$45,926,677</b>	<b>\$152,242,339</b>	<b>\$84,670,554</b>		<b>\$16,671,389</b>	<b>\$67,999,165</b>	<b>\$441,954,910</b>	

		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	\$44,760,659	= Sum Active categories in column L
37	Ratepayers' Share of Active Incremental Revenue	\$4,476,066	= Line 36D * 10%
38	Total Passive Incremental Revenue	\$23,238,505	= Sum Passive categories in column L
39	Ratepayers' Share of Passive Incremental Revenue	\$6,971,552	= Line 38D * 30%
40	Total Ratepayers' Share of Incremental Revenue	\$11,447,617	= Line 37D + Line 39D
41	ISO Ratepayers' Share of Incremental Revenue (%)	32.54%	see Note 11
42	ISO Ratepayers' Share of Incremental Revenue	\$3,725,231	= Line 40D * Line 41D
43	<b>Tot. ISO Ratepayers' Share NTP&amp;S Gross Rev.</b>	<b>\$9,150,357</b>	= Line 34D + Line 42D

44	<b>Total Revenue Credits:</b>	<u>Amount</u> \$55,077,035	<u>Calculation</u> 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.

**NETWORK UPGRADE CREDIT AND INTEREST EXPENSE**

Prior Year: **2015**

**1) Beginning of Year Balances: (Note 1)**

<u>Line</u>		<u>Balance</u>	<u>Notes</u>
1	Outstanding Network Upgrade Credits Recorded in FERC Acct 252	\$36,728,902	See Note 1
2	Acct 252 Other	\$149,544,061	SCE Records
3	Total Acct 252	\$186,272,963	Line 1 + Line 2
4	(Must equal Line 3)	\$186,272,963	FF1 113.56d
<b>2) End of Year Balances: (Note 2)</b>			
5	Outstanding Network Upgrade Credits Recorded in FERC Acct 252	\$27,134,526	See Note 3
6	Acct 252 Other	\$201,105,450	SCE Records
7	Total Acct 252	\$228,239,976	Line 5 + Line 6
8	(Must equal Line 7)	\$228,239,976	FF1 113.56c
9	Average Outstanding Network Upgrade Credits Beginning and End of Year	\$31,931,714	(Line 1 + Line 5) / 2
10	Interest On Network Upgrade Credits Recorded in FERC Acct 242	\$1,403,660	See Note 4
11	Acct 242 Other	\$562,695,844	SCE Records
12	Total Acct 242	\$564,099,504	Line 10 + Line 11
13	(Must equal Line 12)	\$564,099,504	FF1 113.48c

**Notes:**

- 1 Beginning of Year Balances are from December of the year previous to the Prior Year.
- 2 End of Year Balances are from December of the Prior Year.
- 3 Only projects that are in Rate Base in the year reported are included.
- 4 Interest relates to refund of facility and one-time payments by generator. For facility costs, pre-in-service date interest is excluded. For one-time costs, pre-in-service and post-in-service interest is included.

**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		<b>Prior Year</b>	
13		<b><u>Amount</u></b>	<b><u>Calculation or Source</u></b>
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

	<b>Col 1</b>	<b>Col 2</b>	<b>Col 3</b>	
	<b>Prior Year</b>	<b>Prior Year</b>	<b>Prior Year</b>	
<b>Description of Issue</b>	<b>BOY</b>	<b>EOY</b>	<b>Amortization or</b>	<b>Commission Order</b>
<b>Resulting in Other Regulatory</b>	<b>Other Reg</b>	<b>Other Reg</b>	<b>Regulatory</b>	<b>Granting Approval of</b>
<b><u>Asset/Liability</u></b>	<b><u>Asset/Liability</u></b>	<b><u>Asset/Liability</u></b>	<b><u>Debit/Credit</u></b>	<b><u>Regulatory Liability</u></b>
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:	\$225,689,500	\$288,028,357	-\$225,689,500	10-CWIP, Lines 13, 14, 80
2	Devers to Colorado River:	\$0	\$73,070	\$0	10-CWIP, Lines 13, 14, 106
3	Eldorado Ivanpah:	\$0	\$0	\$0	10-CWIP, Lines 13, 14, 132
4	Lugo-Pisgah:	\$0	\$0	\$0	10-CWIP, Lines 13, 14, 158
5	Red Bluff:	\$9,220,094	\$6,908,502	-\$9,220,094	10-CWIP, Lines 13, 14, 184
6	Whirlwind Sub Expansion:	\$6,769,087	\$2,561,181	-\$1,093,026	10-CWIP, Lines 27, 28, 210
7	Colorado River Sub Expansion:	\$0	\$443,475	\$0	10-CWIP, Lines 27, 28, 236
8	South of Kramer:	\$2,844,116	\$35,833,149	\$4,311,313	10-CWIP, Lines 27, 28, 262
9	West of Devers:	\$52,084,176	\$44,730,231	\$127,839,195	10-CWIP, Lines 27, 28, 288
10		\$0	---	\$0	10-CWIP, Lines 27, 28, 314
11		\$0	---	\$0	10-CWIP, Lines 27, 28, 304
12	Totals:	\$296,606,973	\$378,577,965	-\$103,852,112	Sum of Lines 1 to 11

b) Return:		EOY Amount	Average Amount	Source
13	CWIP Amount:	\$296,606,973	\$378,577,965	Line 12
14	Cost of Capital Rate:	7.2158%	7.2158%	1-BaseTRR, Line 53
15	Cost of Capital:	\$21,402,462	\$27,317,296	Line 13 * Line 14

c) Income Taxes		EOY Amount	Average Amount	Source
16	CWIP Amount:	\$296,606,973	\$378,577,965	Line 12
17	Equity ROR w Preferred Stock ("ER"):	5.1589%	5.1589%	1-BaseTRR, Line 54
18	Composite Tax Rate:	40.7547%	40.7547%	1-BaseTRR, Line 58
19	Income Taxes:	\$10,525,898	\$13,434,859	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 =	\$8,069	15-IncentiveAdder, Line 3

1) Tehachapi		EOY Amount	Average Amount	
25	Tehachapi CWIP Amount:	\$225,689,500	\$288,028,357	Line 1
26	ROE Adder %:	1.25%	1.25%	15-IncentiveAdder, Line 5
27	ROE Adder \$:	\$2,276,251	\$2,904,986	Formula on Line 32

2) Devers to Colorado River		EOY Amount	Average Amount	
28	DCR CWIP Amount:	\$0	\$73,070	Line 2
29	ROE Adder %:	1.00%	1.00%	15-IncentiveAdder, Line 6
30	ROE Adder \$:	\$0	\$590	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:	\$21,402,462	Line 15
34	Income Taxes:	\$10,525,898	Line 19
35	ROE Adder Tehachapi:	\$2,276,251	Line 27
36	ROE Adder DCR:	\$0	Line 30
37	FF&U:	\$397,229	Note 1
38	Total:	\$34,601,840	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>Project</u>	<u>Cost of Capital</u>	<u>Income Taxes</u>	<u>ROE Adder</u>	<u>FF&amp;U</u>	<u>Total</u>	<u>Source</u>
39	Tehachapi:	\$16,285,224	\$8,009,200	\$2,276,251	\$308,574	\$26,879,249	Note 2
40	Devers to Colorado River:	\$0	\$0	\$0	\$0	\$0	Note 2
41	Eldorado Ivanpah:	\$0	\$0	\$0	\$0	\$0	Note 2
42	Lugo-Pisgah:	\$0	\$0	\$0	\$0	\$0	Note 2
43	Red Bluff:	\$665,300	\$327,200	\$0	\$11,526	\$1,004,026	Note 2
44	Whirlwind Sub Expansion:	\$488,441	\$240,219	\$0	\$8,462	\$737,123	Note 2
45	Colorado River Sub Expansion:	\$0	\$0	\$0	\$0	\$0	Note 2
46	South of Kramer:	\$205,225	\$100,931	\$0	\$3,555	\$309,711	Note 2
47	West of Devers:	\$3,758,272	\$1,848,347	\$0	\$65,111	\$5,671,731	Note 2
48		---	---	---	---	---	Note 2
49		---	---	---	---	---	Note 2
50	Totals:	\$21,402,462	\$10,525,898	\$2,276,251	\$397,229	\$34,601,840	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>Project</u>	<u>Cost of Capital</u>	<u>Income Taxes</u>	<u>ROE Adder</u>	<u>FF</u>	<u>Total</u>	<u>Source</u>
51	Tehachapi:	\$20,783,450	\$10,221,462	\$2,904,986	\$312,164	\$34,222,062	Note 3
52	Devers to Colorado River:	\$5,273	\$2,593	\$590	\$78	\$8,533	Note 3
53	Eldorado Ivanpah:	\$0	\$0	\$0	\$0	\$0	Note 3
54	Lugo-Pisgah:	\$0	\$0	\$0	\$0	\$0	Note 3
55	Red Bluff:	\$498,501	\$245,167	\$0	\$6,846	\$750,514	Note 3
56	Whirlwind Sub Expansion:	\$184,809	\$90,890	\$0	\$2,538	\$278,237	Note 3
57	Colorado River Sub Expansion:	\$32,000	\$15,738	\$0	\$439	\$48,177	Note 3
58	South of Kramer:	\$2,585,636	\$1,271,636	\$0	\$35,509	\$3,892,781	Note 3
59	West of Devers:	\$3,227,628	\$1,587,373	\$0	\$44,325	\$4,859,327	Note 3
60		---	---	---	---	---	Note 3
61		---	---	---	---	---	Note 3
62	Totals:	\$27,317,296	\$13,434,859	\$2,905,576	\$401,899	\$44,059,631	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:	-\$103,852,112	Line 12, Col 3
64	AFCRCWIP:	10.765%	2-IFPTRR, Line 16
65	CWIP component of IFPTRR without FF&U:	-\$11,179,196	Line 63 * Line 64
66	FF&U:	-\$129,828	Line 65 * (28-FFU, L5 FF Factor + U Factor)
67	CWIP component of IFPTRR including FF&U:	-\$11,309,024	Line 65 + Line 66

b) Individual Project Contribution

	<u>Project</u>	<u>Amount wo FF&amp;U</u>	<u>Amount with FF&amp;U</u>	<u>Source</u>
68	Tehachapi:	-\$24,294,424	-\$24,576,563	Note 4
69	Devers to Colorado River:	\$0	\$0	Note 4
70	Eldorado Ivanpah:	\$0	\$0	Note 4
71	Lugo-Pisgah:	\$0	\$0	Note 4
72	Red Bluff:	-\$992,500	-\$1,004,026	Note 4
73	Whirlwind Sub Expansion:	-\$117,659	-\$119,026	Note 4
74	Colorado River Sub Expansion:	\$0	\$0	Note 4
75	South of Kramer:	\$464,093	\$469,482	Note 4
76	West of Devers:	\$13,761,294	\$13,921,109	Note 4
77		---	---	Note 4
78		---	---	Note 4
79	Totals:	-\$11,179,196	-\$11,309,024	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:	\$34,204,611	Sum Line 33 to 36
81	CWIP component of IFPTRR wo FF&U:	-\$11,179,196	Line 65
82	Total without FF&U:	\$23,025,415	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:	\$211,965	Line 82 * Line 83
86	Uncollectibles Amount:	\$55,437	Line 82 * Line 84
87	Total Contribution of CWIP to Retail Base TRR:	\$23,292,816	Line 82 + Line 85 + Line 86
88	Total Contribution of CWIP to Wholesale Base TRR:	\$23,237,379	Line 82 + Line 85

b) Individual CWIP Project Contribution to the Retail Base TRR

	<u>Col 1</u> <u>PYTRR</u> <u>wo FF&amp;U</u>	<u>Col 2</u> <u>IFPTRR</u> <u>wo FF&amp;U</u>	<u>Col 3</u> <u>FF&amp;U</u>	<u>Col 4</u> <u>Total</u>	<u>Source</u>	
89	Tehachapi:	\$26,570,676	-\$24,294,424	\$26,435	\$2,302,686	Note 5
90	Devers to Colorado River:	\$0	\$0	\$0	\$0	Note 5
91	Eldorado Ivanpah:	\$0	\$0	\$0	\$0	Note 5
92	Lugo-Pisgah:	\$0	\$0	\$0	\$0	Note 5
93	Red Bluff:	\$992,500	-\$992,500	\$0	\$0	Note 5
94	Whirlwind Sub Expansion:	\$728,661	-\$117,659	\$7,096	\$618,097	Note 5
95	Colorado River Sub Expansion:	\$0	\$0	\$0	\$0	Note 5
96	South of Kramer:	\$306,156	\$464,093	\$8,945	\$779,194	Note 5
97	West of Devers:	\$5,606,619	\$13,761,294	\$224,926	\$19,592,839	Note 5
98		---	---	---	---	Note 5
99		---	---	---	---	Note 5
100	Totals:	\$34,204,611	-\$11,179,196	\$267,402	\$23,292,816	

c) Individual CWIP Project Contribution to the Wholesale Base TRR

	<u>Col 1</u> <u>PYTRR</u> <u>wo FF&amp;U</u>	<u>Col 2</u> <u>IFPTRR</u> <u>wo FF&amp;U</u>	<u>Col 3</u> <u>FF</u>	<u>Col 4</u> <u>Total</u>	<u>Source</u>	
101	Tehachapi:	\$26,570,676	-\$24,294,424	\$20,954	\$2,297,206	Note 6
102	Devers to Colorado River:	\$0	\$0	\$0	\$0	Note 6
103	Eldorado Ivanpah:	\$0	\$0	\$0	\$0	Note 6
104	Lugo-Pisgah:	\$0	\$0	\$0	\$0	Note 6
105	Red Bluff:	\$992,500	-\$992,500	\$0	\$0	Note 6
106	Whirlwind Sub Expansion:	\$728,661	-\$117,659	\$5,625	\$616,626	Note 6
107	Colorado River Sub Expansion:	\$0	\$0	\$0	\$0	Note 6
108	South of Kramer:	\$306,156	\$464,093	\$7,091	\$777,339	Note 6
109	West of Devers:	\$5,606,619	\$13,761,294	\$178,295	\$19,546,208	Note 6
110		---	---	---	---	Note 6
111		---	---	---	---	Note 6
112	Totals:	\$34,204,611	-\$11,179,196	\$211,965	\$23,237,379	

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 Expenses is based on FF Factor 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 Expenses	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 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	10.76%
13	Prior Year		2015
14	Wholesale Rate Base Difference for Prior Year		-\$7,117,650
15	Wholesale Rate Base Adjustment	Line 14 * Line 12	-\$766,182

**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 58
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 Expense Exclusion**

<b>26</b>		<b>Source</b>	<b>Value</b>	<b>Notes/Instructions</b>
<b>27</b>	EPRI Expenses	SCE Records	\$689,000	Note 5
<b>28</b>	EEI Expenses	SCE Records	\$1,631,279	
<b>29</b>	Sum of EPRI and EEI Expenses	Line 27 + 28	\$2,320,278	
<b>30</b>	Transmission Wages and Salaries Allocation Factor	27-Allocators, Line 9	6.0220%	
<b>31</b>	EPRI and EEI Expense Exclusion	Line 29 * 30	\$139,727	

**d) Total Expense Difference**

<b>32</b>			<b>Value</b>	<b>Notes/Instructions</b>
<b>32</b>	1) Wholesale Depreciation Difference	- Line 7, Col. 2	\$2,176,300	
<b>33</b>	2) Taxes Deferred - Make Up Adjustment	Line 20	-\$4,224,809	
<b>34</b>	3) Excess Deferred Taxes	Line 23	-\$72,748	
<b>35</b>	4) Taxes Deferred - Acct. 282 ACRS/MACRS	- Line 10, Col. 2	-\$511,200	
<b>36</b>	5) EPRI and EEI Expense Exclusion	- Line 31	-\$139,727	
<b>37</b>	Total Expense Difference:		-\$2,772,185	

**3) Calculation of the Wholesale Difference to the Base TRR**

	<b>Source</b>	<b>Value</b>	
<b>38</b>	Wholesale Rate Base Adjustment	Line 15	-\$766,182
<b>39</b>	Expense Difference	Line 37	-\$2,772,185
<b>40</b>	Uncollectibles Expense -- Prior Year TRR	- 1-Base TRR, L 79	-\$2,355,318
<b>41</b>	Uncollectibles Expense -- IFPTRR	- 2-IFPTRR, L 80	-\$249,841
<b>42</b>	Subtotal:	Sum Line 38 to Line 41	-\$6,143,527
<b>43</b>	Franchise Fee Exclusion		-\$32,573
<b>44</b>	Wholesale Difference to the Base TRR:	Line 42 + Line 43	-\$6,176,100

**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 38 + 39.
- 5) Only exclude if not already excluded in Schedule 20.

Calculation of Income Tax Rates

1) Federal Income Tax rate

Inputs are shaded yellow

Line	Prior Year	Federal Income Tax Rate ("FTR")	Source
1	2015	35.00%	Note 1, c Column 2, see also Note 2
2			

2) Composite State Income Tax Rate

Line	Prior Year	Composite State Income Tax Rate ("CSITR")	Source
6	2015	8.8534%	1) See calculation below on Line 45 based on inputs for apportionment factors and state tax rates. for the applicable Prior Year
7			
8			
9			
10			
11			

Calculation of Composite State Income Tax Rate for the Prior Year:

Line	State	Apportionment Factors ("AFs")	Source
15			
16	California	100.0000%	1) Input most recent available Apportionment Factors.
17	New Mexico	0.0000%	
18	Arizona	0.2521%	
19	D.C.	0.0000%	
20			
21			
Line	State	Statutory Tax Rate ("STR")	Source
22			
23	California	8.8400%	2) Input STR for the Prior Year for each state. See Notes 1 and 3.
24	New Mexico	6.9000%	
25	Arizona	6.0000%	
26	D.C.	9.4000%	
27			
Line	State	Ratio of SCE State Taxable Income to SCE California Taxable Income	Source
28			
29			
30			
31			
32			
33	California	100.0000%	3) Input most recent available ratios based on taxable income from state return filings.
34	New Mexico	0.0000%	
35	Arizona	88.7313%	
36	D.C.	45.9956%	
37			
Line	State	Effective State Tax Rate	Source
38			
39			
40	California	8.8400%	Line 16 * Line 23 * Line 33
41	New Mexico	0.0000%	Line 17 * Line 24 * Line 34
42	Arizona	0.0134%	Line 18 * Line 25 * Line 35
43	D.C.	0.0000%	Line 19 * Line 26 * Line 36
44			
45	Composite State Income Tax Rate =	8.8534%	Sum of Lines 40 to 43
46			

3) Capitalized Overhead portion of Electric Payroll Tax Expense

Line	Description	Amount
47		
48		
49	Total Electric Payroll Tax Expense (From 1-BaseTRR, Line 30)	\$111,755,857
50	Capitalization Rate (Note 4)	39.8%
51	Capitalized Overhead portion of Electric Payroll Tax Expense (Line 49 * Line 50)	\$44,478,831
52	Non-Capitalized Overhead portion of Electric Payroll Tax Expense (Line 49 - Line 51)	\$67,277,026

**Notes:**

1) In the event that statutory marginal tax rates change during the Prior Year, the effective tax rate used in the formula shall be weighted by the number of days each such rate was in effect. For example, a 35% rate in effect for 120 days superseded by a 40% rate in effect for the remainder of the year will be calculated as:  
 $((.3500 \times 120) + (.4000 \times 245))/365 = .3836$ .

Calculation of FITR for Prior Year:

	(Col 1) FITR	(Col 2) Days	Note
a	35.00%	365	Input FITR in effect for first part of year and number of days
b			Input FITR in effect for second part of year and number of days
c	FITR: $35.00\% = ((\text{Line a, C1}) * (\text{Line a, C2}) + (\text{Line b, C1}) * (\text{Line b, C2})) / 365$		
2) Federal Source Statute:	Internal Revenue Code Section 11(b)(1)(D)		
3) State Source Statutes (Enter Reference to each State Marginal Tax Rate Statute below):			
a) California:	California Rev. & Tax. Cd. Section 23151(e)		
b) New Mexico	New Mexico Statutes, ¶12,300 Rates in general		
c) Arizona	Arizona Rev. Stat. Ann. Statute, Title 43, Part 43.1139(A)(5)		
d) District of Columbia	DC Code Ann. §47-1810.02(d-2)		
4) Capitalization Rate approved in:	CPUC D. 15-11-021		
For the following Prior Years:	2015-2017		

Calculation of Allocation Factors

Inputs are shaded yellow

1) Calculation of Transmission Wages and Salaries Allocation Factor

Line	Notes	FERC Form 1 Reference or Instruction	Prior Year Value
1	ISO Transmission Wages and Salaries	19-OandM Line 137, Col. 7	\$35,057,336
2	Total Wages and Salaries	FF1 354.28b	\$754,196,482
3	Less Total A&G Wages and Salaries	FF1 354.27b	\$221,991,079
4	Total Wages and Salaries wo A&G	Line 2 - Line 3	\$532,205,403
5	Total NOIC (Non-Officer Incentive Compensation)	20-AandG, Note 2	\$77,964,598
6	Less A&G NOIC	20-AandG, Note 2	\$28,016,505
7	NOIC wo A&G NOIC	Line 5 - Line 6	\$49,948,094
8	Total non-A&G W&S with NOIC	Line 4 + Line 7	\$582,153,497
9	Transmission Wages and Salary Allocation Factor	Line 1 / Line 8	6.0220%

2) Calculation of Transmission Plant Allocation Factor

Line	Notes	FERC Form 1 Reference or Instruction	Prior Year Value
14	Transmission Plant - ISO	7-PlantStudy, Line 21	\$7,656,953,152
15	Distribution Plant - ISO	7-PlantStudy, Line 30	\$0
16	Total Electric Miscellaneous Intangible Plant	6-PlantInService, Line 21, C2	\$1,597,954,444
17	Electric Miscellaneous Intangible Plant	Line 16 * Line 9	\$96,228,960
18	Total General Plant	6-PlantInService, Line 21, C1	\$2,810,955,447
19	General Plant	Line 18 * Line 9	\$169,275,989
20	Total Plant In Service	FF1 207.104g	\$41,556,515,000
22	Transmission Plant Allocation Factor	(L14 + L15 + L17 + L19) / L20	19.0643%

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

Line	Notes	Values	Notes	Applied to Accounts
26	a) Outages			
27	ISO Outages	6,294		561.000 Load Dispatching
28	Non-ISO Outages	11,996		561.100 Load Dispatch-Reliability
29	Total Outages	18,290 = L27 + L28		561.200 Load Dispatch Monitor and Operate Trans. System
30	Outages Percent ISO	34.4% = L27 / L29		
31				
32	b) Circuits			
33	ISO Circuits	215		562 - Operating Transmission Stations
34	Non-ISO Circuits	998		
35	Total Circuits	1,213 = L33 + L34		
36	Circuits Percent ISO	17.7% = L33 / L35		
37				
38	c) Relay Routines			
39	ISO Relay Routines	481		562 - Routine Testing and Inspection
40	Non-ISO Relay Routines	1,860		
41	Total Relay Routines	2,341 = L39 + L40		
42	Relay Routines Percent ISO	20.5% = L39 / L41		
43				

Schedule 27  
Allocation Factors

	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
44 d) Line Miles			
45 ISO Line Miles	5,652		563 - Inspect and Patrol Line
46 Non-ISO Line Miles	6,432		571 - Poles and Structures
47 Total Line Miles	12,083 = L45 + L46		571 - Insulators and Conductors
48 Line Miles Percent ISO	46.8% = L45 / L47		571 - Transmission Line Rights of Way
49			
50 e) Underground Line Miles			
51 ISO Underground Line Miles	1		564 - Underground Line Expense
52 Non-ISO Underground Line Miles	350		572 - Maintenance of Underground Transmission Lines
53 Total Underground Line Miles	351 = L51 + L52		
54 Underground Line Miles Percent ISO	0.3% = L51 / L53		
55			
56 f) Line Rents Costs			
57 ISO Line Rent Costs	6,252,077		567 - Line Rents
58 Non-ISO Line Rent Costs	2,849,581		
59 Total Line Rent Costs	9,101,658 = L57 + L58		
60 Line Rent Costs Percent ISO	68.7% = L57 / L59		
61			
62 g) Morongo Acres			
63 ISO Morongo Acres	377		567 - Morongo Lease
64 Non-ISO Morongo Acres	38		
65 Total Morongo Acres	416 = L63 + L64		
66 Morongo Acres Percent ISO	90.8% = L63 / L65		
67			
68 h) Transformers			
69 ISO Transformers	134		570 - Maintenance of Power Transformers
70 Non-ISO Transformers	471		
71 Total Transformers	605 = L69 + L70		
72 Transformers Percent ISO	22.1% = L69 / L71		
73			
74 i) Circuit Breakers			
75 ISO Circuit Breakers	1,144		570 - Maintenance of Transmission Circuit Breakers
76 Non-ISO Breakers	2,034		
77 Total Circuit Breakers	3,178 = L75 + L76		
78 Circuit Breakers Percent ISO	36.0% = L75 / L77		
79			
80 j) Voltage Control Equipment			
81 ISO Voltage Control Equipment	310		570 - Maintenance of Transmission Voltage Equipment
82 Non-ISO Voltage Control Equipment	151		
83 Total Voltage Control Equipment	461 = L81 + L82		
84 Voltage Control Equipment Percent ISO	67.2% = L81 / L83		
85			
86 k) Substation Work Order Cost			
87 ISO Substation Work Order Costs	468,246		570 - Substation Work Order Related Expense
88 Non-ISO Substation Work Order Costs	1,181,071		
89 Total Substation Work Order Costs	1,649,318 = L87 + L88		
90 Substation Work Order Costs Percent ISO	28.4% = L87 / L89		
91			
92 l) Transmission Work Order Cost			
93 ISO Transmission Work Order Costs	394,539		571 - Transmission Work Order Related Expense
94 Non-ISO Transmission Work Order Costs	6,793,036		
95 Total Transmission Work Order Costs	7,187,575 = L93 + L94		
96 Transmission Work Order Costs Percent ISO	5.5% = L93 / L95		
97			

Schedule 27  
Allocation Factors

	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
98 m) Transmission Facility Property Damage			
99 ISO Transmission Fac. Property Damage	804,556		
100 Non-ISO Transmission Fac. Property Damage	1,054,365		573 - Provision for Property Damage Expense to Trans. Fac.
101 Total Transmission Facility Property Damage	1,858,921	= L99 + L100	
102 Trans. Fac. Property Damage Percent ISO	43.3%	= L99 / L101	
103			
104 n) Distribution Transformers			
105 ISO Distribution Transformers	0		592 - Maintenance of Distribution Transformers
106 Non-ISO Distribution Transformers	2,262		
107 Total Distribution Transformers	2,262	= L105 + L106	
108 Distribution Transformers Percent ISO	0.0%	= L105 / L107	
109			
110 o) Distribution Circuit Breakers			
111 ISO Distribution Circuit Breakers	0		592 - Maintenance of Distribution Circuit Breakers
112 Non-ISO Distribution Circuit Breakers	8,841		
113 Total Distribution Circuit Breakers	8,841	= L111 + L112	
114 Distribution Circuit Breakers Percent ISO	0.0%	= L111 / L113	
115			
116 p) Distribution Voltage Control Equipment			
117 ISO Distribution Voltage Control Equipment	0		592 - Maintenance of Distribution Voltage Control Equipment
118 Non-ISO Distribution Voltage Control Equip.	2,328		
119 Total Distribution Voltage Control Equipment	2,328	= L117 + L118	
120 Distribution Voltage Control Equip. Pct. ISO	0.0%	= L117 / L119	

**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	2015	present	365	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	2015	present	365	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	2015	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 FF Factor * L1 Days) + (L2 FF Factor * L2 Days))/365
Prior Year U Factor:	0.24076%	((L3 U Factor * L3 Days) + (L4 U Factor * L4 Days))/365

**CALCULATION OF SCE WHOLESALE HIGH AND LOW VOLTAGE TRRS**

<u>Line</u>	<u>TRR Values</u>	<u>Notes</u>	<u>Source</u>
1	\$1,182,581,528 = Wholesale Base TRR		1-BaseTRR, Line 89
2	-\$110,368,756 = Total Wholesale TRBAA	Note 1	2017 TRBAA ER17-250
3	-\$109,723,089 = HV Wholesale TRBAA		2017 TRBAA ER17-250
4	-\$645,667 = LV Wholesale TRBAA		2017 TRBAA ER17-250
5	-\$6,935,561 = Total Standby Transmission Revenues	Note 2	SCE Retail Standby Rate Revenue
6	96.9851% = HV Allocation Factor		31-HVLV, Line 37
7	3.0149% = LV Allocation Factor		31-HVLV, Line 37

**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: \$1,182,581,528	\$1,146,928,287	\$35,653,241	See Note 3
9	CWIP Component of Wholesale Base TRR: \$23,237,379	\$23,237,379	\$0	See Note 4
10	Non-CWIP Component of Wholesale Base TRR: \$1,159,344,149	\$1,123,690,908	\$35,653,241	See Note 5
11	Wholesale TRBAA: -\$110,368,756	-\$109,723,089	-\$645,667	Lines 2 to 4
12	Less Standby Transmission Revenues: <u>-\$6,935,561</u>	<u>-\$6,726,463</u>	<u>-\$209,098</u>	See Note 6
13	<b>Components of Wholesale Transmission Revenue Requirement:</b> \$1,065,277,211	\$1,030,478,735	\$34,798,476	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) Low Voltage Wheeling Access Charge
- 3) High Voltage Utility-Specific Rate
- 4) HV Existing Contracts Access Charge
- 5) LV Existing Contracts Access Charge

**Calculation of Low Voltage Access Charge:**

<u>Line</u>				<u>Source</u>
1	LV TRR =	\$34,798,476		29-WholesaleTRRs, Line 13, C3
2	Gross Load =	88,983,449	MWh	32-Gross Load, Line 3
3	Low Voltage Access Charge =	\$0.00039	per kWh	Line 1 / (Line 2 * 1000)

**Calculation of Low Voltage Wheeling Access Charge:**

				<u>Source</u>
4	LV TRR =	\$34,798,476		29-WholesaleTRRs, Line 13, C3
5	Gross Load =	88,983,449	MWh	32-Gross Load, Line 3
6	Low Voltage Wheeling Access Charge =	\$0.00039	per kWh	Line 4 / (Line 5 * 1000)

**Calculation of High Voltage Utility Specific Rate:**

(used by ISO in billing of ISO TAC)

				<u>Source</u>
7	SCE HV TRR =	\$1,030,478,735		29-WholesaleTRRs, Line 13, C2
8	Gross Load =	88,983,449	MWh	32-Gross Load, Line 3
9	High Voltage Utility-Specific Rate =	\$0.0115806	per kWh	Line 7 / (Line 8 * 1000)

**Calculation of High Voltage Existing Contracts Access Charge:**

				<u>Source</u>
10	HV Wholesale TRR =	\$1,030,478,735		29-WholesaleTRRs, Line 13, C2
11	Sum of Monthly Peak Demands:	181,992	MW	32-Gross Load, Line 4
12	HV Existing Contracts Access Charge:	\$5.66	per kW	Line 10 / (Line 11 * 1000)

**Calculation of Low Voltage Existing Contracts Access Charge:**

				<u>Source</u>
13	LV Wholesale TRR =	\$34,798,476		29-WholesaleTRRs, Line 13, C3
14	Sum of Monthly Peak Demands:	181,992	MW	32-Gross Load, Line 4
15	LV Existing Contracts Access Charge:	\$0.19	per kW	Line 13 / (Line 14 * 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

<b>A) Total ISO Plant from Prior Year</b>				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:					
<b>Classification of Facility:</b>	<b>Total ISO Gross Plant</b>	<b>Land</b>	<b>Structures</b>	<b>HV Land</b>	<b>LV Land</b>	<b>HV Structures</b>	<b>LV Structures</b>	<b>HV/LV Transformers</b>	
<b>Line 1</b> Lines:									
2 HV Transmission Lines	\$4,032,475,074	\$196,660,717	\$3,835,814,357	\$196,660,717	\$0	\$3,835,814,357	\$0	\$0	
3 LV Transmission Lines	<u>\$84,646,032</u>	<u>\$5,191,993</u>	<u>\$79,454,038</u>	<u>\$0</u>	<u>\$5,191,993</u>	<u>\$0</u>	<u>\$79,454,038</u>	<u>\$0</u>	
4 <b>Total Transmission Lines (L 2 + L 3):</b>	\$4,117,121,105	\$201,852,710	\$3,915,268,395	\$196,660,717	\$5,191,993	\$3,835,814,357	\$79,454,038	\$0	
5									
6 <b>Substations:</b>									
7 HV Substations (>= 200 kV)	\$3,098,199,772	\$38,855,597	\$3,059,344,175	\$38,855,597	\$0	\$3,059,344,175	\$0	\$0	
8 Straddle Subs (Cross 200 kV boundary):	395,906,026	\$187,569	\$395,718,457	\$135,073	\$52,496	\$221,829,204	\$115,466,990	\$58,422,263	
9 LV Substations (Less Than 200kV)	<u>45,726,249</u>	<u>\$153,259</u>	<u>\$45,572,990</u>	<u>\$0</u>	<u>\$153,259</u>	<u>\$0</u>	<u>\$45,572,990</u>	<u>\$0</u>	
10 <b>Total all Substations (L7 + L8 + L9)</b>	\$3,539,832,047	\$39,196,424	\$3,500,635,623	\$38,990,670	\$205,755	\$3,281,173,380	\$161,039,980	\$58,422,263	
11									
12 <b>Total Lines and Substations</b>	\$7,656,953,152	\$241,049,135	\$7,415,904,018	\$235,651,387	\$5,397,748	\$7,116,987,736	\$240,494,018	\$58,422,263	
13									
14									
15 Gross Plant that can directly be determined to be HV or LV:									
16									
17									
18 Land		<b>High Voltage</b>	<b>Low Voltage</b>	<b>Total</b>	<b>Notes:</b>				
19 Structures		\$235,651,387	\$5,397,748	\$241,049,135	From above Line 12				
20 Total Determined HV/LV:		\$7,116,987,736	\$240,494,018	\$7,357,481,754	From above Line 12				
21 Gross Plant Percentages (Prior Year):		\$7,352,639,123	\$245,891,766	\$7,598,530,889	Sum of lines 18 and 19				
22		96.764%	3.236%		Percent of Total				
23 Straddling Transformers	\$56,531,693	\$1,890,570	\$58,422,263	Straddling Transformers split by Gross Plant Percentages on Line 21					
24 Abandoned Plant (EOY)	\$0	\$0	\$0	See Notes 1 and 2 below					
25 Total HV and LV Gross Plant for Prior Year	\$7,409,170,816	\$247,782,336	\$7,656,953,152	Line 20 + Line 23 + Line 24					
26									
27									
28 <b>B) Gross Plant Percentage for the Rate Effective Period:</b>									
29									
30									
31									
32 Total HV and LV Gross Plant for Prior Year	\$7,409,170,816	\$247,782,336	\$7,656,953,152	<b>Notes:</b>					
33 In Service Additions in Rate Effective Period:	\$873,677,299	\$6,468,709	\$880,146,008	Line 25					
34 CWIP in Rate Effective Period	<u>-\$103,852,112</u>	<u>\$0</u>	<u>-\$103,852,112</u>	13-Month Average: 16-PlantAdditions, Line 25, Cols 7 (for Total) and 12 (for LV). HV = C7 - C12.					
35 Total HV and LV Gross Plant for REP	\$8,178,996,003	\$254,251,045	\$8,433,247,048	13 Month Average: 10-CWIP, Line 54, Col. 8					
36				Line 32 + Line 33 + Line 34					
37 HV and LV Gross Plant Percentages:	96.985%	3.015%		Percent of Total on Line 35					
38 (HV Allocation Factor and									
39 LV Allocation Factor)									

**Notes:**

- 1) For High Voltage Column, sum of EOY HV Abandoned Plant for all Projects on Schedule 12 for EOY of Prior Year
- 2) For Low Voltage Column, Sum of EOY Abandoned Plant less HV Abandoned Plant for all Projects on Schedule 12 for EOY of Prior Year.

**Calculation of Forecast Gross Load**

<u>Line</u>	<u>MWh</u>	<u>Calculation</u>	<u>Source</u>
1	88,972,829		Note 1
2	10,620		Note 2
3	88,983,449	Line 1 + Line 2	Sum of above
4	181,992		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: 1,188,757,628 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	12-CP factors	Total Allocated costs	Sales Forecast Billing Determinants:					Billing Determinants with NEM Adjustment	Total energy rate - \$/kWh	Total demand rate - \$/kW-month	GWh	Maximum demand - MW	Standby demand - MW	Notes
				GWh	Backup GWh	NEM GWh	Maximum demand - MW	Standby demand - MW							
1a	Domestic	40.56%	\$482,129,444	28,525		679	0	0	27,847	\$0.01731					
1b	GS-1	7.47%	\$88,798,900	5,764		10		4	5,755	\$0.01543					
1b <sub>2</sub>	GS-1 continued								0		\$3.09	5,712	28,524	4	
1c	TC-1	0.05%	\$588,326	60				0	60	\$0.00989					
1d	GS-2	17.63%	\$209,554,286	14,468				42	14,468		\$4.21				
1e	TOU-GS-3	9.31%	\$110,710,755	8,238				83	8,238		\$4.63				
1f	TOU-8-SEC	8.91%	\$105,951,628	8,314					8,314		\$4.98				
1g	TOU-8-PRI	5.87%	\$69,772,895	5,597					5,597		\$5.34				
1h	TOU-8-SUB	6.38%	\$75,803,754	6,041					6,041		\$6.05				
1i	TOU-8-Standby-SEC	0.06%	\$710,421	160	68			276	228		\$0.99				
1j	TOU-8-Standby-PRI	0.17%	\$2,051,479	583	201			1,390	784		\$0.72				
1k	TOU-8-Standby-SUB	0.32%	\$3,813,836	1,675	504			8,200	2,179		\$0.33				
1l	TOU-PA-2	1.66%	\$19,675,880	1,934					1,934		\$2.48				
1m	TOU-PA-3	1.08%	\$12,828,097	1,373				5	1,373		\$2.82				
1n	Street Lighting	0.54%	\$6,367,928	748					748	\$0.00851					
1o	---								0						
2	Totals:	100.00%	\$1,188,757,628	83,480	773	689	138,234	10,006	83,564						

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

Line	CPUC Rate Group	Standby Allocated costs	Standby Demand - MW	Contracted Standby Demand Charge \$/kW	CPUC Rate Group	Non-Standby Allocated Costs	Sum of Standby and Non-Standby Demand	Supplemental kW demand Charge \$/kW
9b	TOU-8-Standby-PRI	\$2,051,479	1,390	\$1.48	TOU-8-PRI	\$69,772,895	14,541	4.80
9c	TOU-8-Standby-SUB	\$3,813,836	8,200	\$0.47	TOU-8-SUB	\$75,803,754	15,913	4.76
9d	---				---			

11 3) End-User Transmission Rates

12 **Col 1** **Col 2** **Col 3** **Col 4** **Col 5** **Col 6** **Col 7** **Col 8** **Col 9** **Col 10**  
 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 **Revenue associated with Supplemental Demand or Energy** **Standby Demand Revenue**

CPUC Rate Group	Total Revenues	Revenue associated with Supplemental Demand or Energy	Standby Demand Revenue
15a Domestic	\$482,129,444	\$482,129,444	
16a GS-1	\$88,798,900	\$88,788,604	\$10,296
16c TC-1	\$588,326	\$588,326	
16d GS-2	\$209,554,286	\$209,446,179	\$108,108
16e TOU-GS-3	\$110,710,755	\$110,497,114	\$213,641
16f TOU-8-SEC	\$103,785,856	\$103,785,856	
16g TOU-8-PRI	\$62,724,295	\$62,724,295	
16h TOU-8-SUB	\$59,731,521	\$59,731,521	
16i TOU-8-Standby-SEC	\$2,876,193	\$2,165,772	\$710,421
16j TOU-8-Standby-PRI	\$9,100,079	\$7,048,600	\$2,051,479
16k TOU-8-Standby-SUB	\$19,886,069	\$16,072,233	\$3,813,836
16l TOU-PA-2	\$19,675,880	\$19,660,970	\$14,910
16m TOU-PA-3	\$12,828,097	\$12,815,227	\$12,870
16n Street Lighting	\$6,367,928	\$6,367,928	
16o ---			
17 Totals:	\$1,188,757,628	\$1,181,822,067	\$6,935,561

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
\$0.01731					
\$0.01543	\$3.09	\$2.57			Note 15
\$0.00989					
	\$4.21	\$2.57			
		\$4.64			
			\$4.88		
			\$4.80		
			\$4.76		
		\$4.88			
		\$2.57			
		\$4.80			
		\$4.76			
		\$4.48			
		\$2.82		\$1.85	\$1.85
\$0.00851					Note 16

18 **Notes:**

- See Col 9 of Lines 35a, 35b, 35c, etc.
- 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).
- 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.
- 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.
- Sales forecast pertaining to the sum of monthly maximum supplemental Mega-watt demand, applies to demand charge schedules
- Sales forecast pertaining to the sum of monthly contracted standby Mega-watt demand, applies to standby schedules
- 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
- 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
- Line 1b2, Col11 = Line 1b Col9 \* Line 1b Col11 \* 10^6
- 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)
- Sum of the TOU-8 Standby and TOU-8 Non-Standby billing determinants in Line1:Col6
- For TOU-8 Rates revenue = Supplemental Demand Charge on Line 9 Column 8 \* Maximum Demand on Lines 1 Column 6
- For optional time-of-use schedules within the GS-1 rate group (Line16b:Col6), = (Line1b2:Col11 - Line16:Col3) / Line1b:Col12 / 10^3
- For the non TOU-8-Standby rate group, it is the minimum of Line16i:Col7, or the total demand rate in Line1:Col109
- Applicable to time-of-use schedules within the GS-1 rate group
- Applicable to the optional schedules that contain horse power charge such as PA-1
- 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.

22 **Rate Schedules in each CPUC Rate Group:**

CPUC Rate Group	Rate Schedules included in Each Rate Group in the Rate Effective Period
25a Domestic	Includes Schedules D, D-CARE, D-FERA, TOU-D-T, TOU-EV-1, DE, D-SDP, D-SDP-O, DM, DMS-1, DMS-2, DMS-3, and DS.
25b Domestic (con't)	D (Option CPP), D-CARE (Option CPP), TOU-D-Option A, TOU-D-Option B, TOU-D-1-P, TOU-D-2-P, TOU-D-3-P
26b GS-1	Includes Schedules GS-1, TOU-EV-3, and TOU-GS-1 (Option A, B, C, 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 A, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).
26j TOU-8-Standby-PRI	Includes Schedules TOU-8-Standby (Option A, B, RTP, TOU-BIP, GS-APS, GS-APS-E, and ME).
26k TOU-8-Standby-SUB	Includes Schedules TOU-8-Standby (Option A, 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-1).
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-1).
26n Street Lighting	Includes Schedules AL-2-B, DWL, LS-1, LS-2, LS-3, LS-3-B, and OL-1.
26o ---	

29 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+Col 2+Col3)/3	=	from Line1:Col3 Note 17	from Line1:Col4	= Col 7 + Col 8	Line35:(Col4*Col5 /Col6*Col9)	= Line35:(Col10 / total of Col10)		
32	12-CP MW											
33	CPUC Rate Group	2012	2013	2014	3-Year Average	Line losses	Recorded GWh (2012-2014 Average)	Standby Adjusted Sales Forecast - GWh	Backup GWh	Total Sales Forecast - GWh	Loss Adjusted Average 12-CP	12-CP Allocation factors
35a	Domestic	69,458	70,485	68,997	69,647	1.0877	29,754	28,525	0	28,525	72,626	40.56%
35b	GS-1	10,971	10,516	12,145	11,211	1.0879	5,256	5,764	0	5,764	13,376	7.47%
35c	TC-1	87	86	85	86	1.0886	63	60	0	60	89	0.05%
35d	GS-2	30,955	30,349	30,524	30,609	1.0876	15,258	14,468	0	14,468	31,566	17.63%
35e	TOU-GS-3	15,789	15,670	16,197	15,885	1.0871	8,530	8,238	0	8,238	16,677	9.31%
35f	TOU-8-SEC	14,947	14,864	15,190	15,000	1.0879	8,664	8,474	0	8,474	15,960	8.91%
35g	TOU-8-PRI	9,830	9,813	9,949	9,864	1.0623	6,161	6,180	0	6,180	10,510	5.87%
35h	TOU-8-SUB	10,964	11,037	11,843	11,282	1.0305	7,856	7,716	0	7,716	11,419	6.38%
35i	TOU-8-Standby-SEC	95	100	101	99	1.0881	68	0	68	68	107	0.06%
35j	TOU-8-Standby-PRI	308	269	294	290	1.0623	201	0	201	201	309	0.17%
35k	TOU-8-Standby-SUB	634	450	587	557	1.0306	504	0	504	504	574	0.32%
35l	TOU-PA-2	2,891	3,095	3,189	3,058	1.0879	2,171	1,934	0	1,934	2,964	1.66%
35m	TOU-PA-3	1,627	1,713	1,846	1,729	1.0867	1,335	1,373	0	1,373	1,932	1.08%
35n	Street Lighting	880	878	812	856	1.0906	729	748	0	748	959	0.54%
35o	---											
36	Totals:	169,436	169,324	171,759	170,173		86,550	83,480	773	84,253	179,069	100.00%

Determination of Unfunded Reserves

Line	Reference	Col 1 Prior Year BOY Unfunded Reserves	Col 2 Prior Year EOY Unfunded Reserves	Col 3 Prior Year Average Unfunded Reserves
1				
2				
3				Prior Year Amount
4				
5				
6	(Line 17, Col 2)			-\$13,234,692
7	(Line 17, Col 3)			-\$14,932,517
8				
9				
10				
11				
12	<b>Description of Issue</b>			
13	<b>Unfunded Reserves</b>			
14	Provision for Injuries and Damages (Line 24)	-\$11,992,321	-\$8,932,772	-\$10,462,547
15	Provision for Vac/Sick Leave (Line 29)	-\$4,044,610	-\$3,716,544	-\$3,880,577
16	Provision for Supplemental Executive Retirement Plan (Line 36)	-\$593,410	-\$585,376	-\$589,393
17	Totals: (Line 14 + Line 15 + Line 16)	<u>-\$16,630,342</u>	<u>-\$13,234,692</u>	<u>-\$14,932,517</u>
18				
19	<b>Calculations</b>			
20				Average BOY/EOY
21	<b>Injuries and Damages</b>	BOY	EOY	
22	Injuries and Damages - Acct. 2251010 Company Records - Input (Negative)	-\$199,141,538	-\$148,335,417	
23	Transmission Wages and Salary Allocation Factor (27-Allocators, Line 9)	6.0220%	6.0220%	
24	ISO Transmission Rate Base Applicable (Line 22 x Line 23)	<u>-\$11,992,321</u>	<u>-\$8,932,772</u>	<u>-\$10,462,547</u>
25				
26	<b>Vacation Leave</b>			
27	Vacation and Personal Time Accruals - Acct. 2350080 Company Records - Input (Negative)	-\$67,163,807	-\$61,716,010	
28	Transmission Wages and Salary Allocation Factor (27-Allocators, Line 9)	6.0220%	6.0220%	
29	ISO Transmission Rate Base Applicable (Line 27 x Line 28)	<u>-\$4,044,610</u>	<u>-\$3,716,544</u>	<u>-\$3,880,577</u>
30				
31	<b>Supplemental Executive Retirement Plan</b>			
32	Supplemental Executive Retirement Plan Company Records - Input (Negative)	-\$19,708,055	-\$19,441,230	
33	Times: Applicable Rate Base Percentage	50%	50%	
34	Sub-Total Supplemental Executive Retirement Plan (Line 32 x Line 33)	-\$9,854,028	-\$9,720,615	
35	Transmission Wages and Salary Allocation Factor (27-Allocators, Line 9)	6.0220%	6.0220%	
36	ISO Transmission Rate Base Applicable (Line 34 x Line 35)	<u>-\$593,410</u>	<u>-\$585,376</u>	<u>-\$589,393</u>

**Determination of PBOPs Filing Requirement and PBOPs Filing Amounts**

Complete Lines 1-9 of this Schedule every other Annual Update beginning with the Annual Update submitted in 2014 (for Rate Year 2015).  
Complete Lines 10-14 every Annual Update beginning with the Annual Update submitted in 2014 (for Rate Year 2015).

Pursuant to Section 8.b of the formula rate protocols, SCE must make a filing to adjust the current Authorized PBOPs Expense Amount if the absolute value of the sum of the Cumulative PBOPs Recovery Difference and the Future PBOPs Recovery Difference is greater than 20% of the sum of SCE's forecast PBOPs expense for the current year and the following year.

Check of above-described condition:

Line		Years	Amount	Source
1	Cumulative PBOPs Recovery Difference	2014-2015	\$9,661,558	Note 1
2	Future PBOPs Recovery Difference	2016-2017	-\$23,409,000	Note 2
3	Absolute Value of sum of a and b:		\$13,747,442	Absolute Value (Sum of L1 and L2)
4	20% of Two-Year Forecast PBOPs Expenses		\$13,621,800	Note 2, Line i

If amount on Line 3 is greater than amount on Line 4, then SCE must make filing.  
Is Filing Necessary? Yes

**Calculation**  
If (L3>L4) then "Yes", else "No"

Amount of PBOPs Expenses that SCE must file for if filing is necessary:

(C1)	(C2)	(C3)
Note 2, d-h	50% of Cumulative PBOPs Recovery Difference	Filing PBOPs Expense

Line	Year	Forecast PBOPs Expenses	Recovery Difference	Filing PBOPs Expense	Calculation for Columns 2 and 3
5	2016	\$32,884,000	\$4,830,779	\$37,714,779	C2 = L1 * 0.5, C3 = C1 + C2
6	2017	\$35,225,000	\$4,830,779	\$40,055,779	C2 = L1 * 0.5, C3 = C1 + C2
7	2018	\$38,261,000	---	\$40,171,333	C2 NA, C3 =Avg of L7,L8,L9, C1
8	2019	\$40,134,000	---	\$40,171,333	C2 NA, C3 =Avg of L7,L8,L9, C1
9	2020	\$42,119,000	---	\$40,171,333	C2 NA, C3 =Avg of L7,L8,L9, C1

Calculation of PBOPs True Up TRR Adjustment (See Note 3):

Line		Amount	Source
10	Authorized PBOPs Expense Amount for Prior Year:	\$18,990,910	Note 1 for Prior Year
11	Current Authorized PBOPs Expense Amount:	\$37,714,779	Sch. 20 Note 3, Line a
12	Reduction from previous year:	-\$18,723,869	Line 10 - Line 11
13	Wages and Salaries Allocation Factor:	6.0220%	27-Allocators, Line 9
14	PBOPs True Up TRR Adjustment:	-\$1,127,553	Line 12 * Line 13

**Notes:**

1) The Cumulative PBOPs Recovery Difference is the cumulative over-recovery or under-recovery of SCE's PBOPs expense amount during the period beginning on the date the currently-effective Authorized PBOB Expense Amounts became effective and ending on December 31 of the immediately preceding year ("Prior PBOPs Recovery Period")

	Year	Amount	Decision Reference
Current Authorized PBOPs Expense Amounts: (See Instruction 1)	2014	-\$7,105,094	ER14-2788, Order dated October 22, 2014
	2015	\$18,990,910	ER14-2788, Order dated October 22, 2014
	2016	\$45,759,000	ER14-2788, Order dated October 22, 2014
	2017	\$45,759,000	ER14-2788, Order dated October 22, 2014
	2018	\$45,759,000	ER14-2788, Order dated October 22, 2014

Calculation of Cumulative PBOPs Recovery Difference (see Instruction 2):

	(C1)	(C2)	(C3)	(C4)	(C5)
			Previous Over (-) or Under (+)	= C2 - C3 Adjusted PBOPs Recovery	= C1 - C4 Over (-) or Under (+)
First Year currently-effective PBOPs Amounts became effective:	Year	PBOPs Expenses	PBOPs Recovery	PBOPs Recovery	PBOPs Recovery
	2014	\$18,703,861	-\$7,105,094	-\$10,467,091	\$3,361,997
	2015	\$23,777,694	\$18,990,910	-\$10,467,091	\$29,458,001
	...				
			Cumulative PBOPs Recovery Difference:	\$9,661,558	Sum of above

2) The Future PBOPs Recovery Difference is the difference between:

- a) The sum of SCE's Forecast PBOPs Expense for the current year and next year ("Projected Expense"); and
- b) The sum of SCE's PBOPs Expense amount to be recovered under its Formula Rate for the current year and the next year at the current Authorized PBOPs Expense Amount ("Projected Recovery").

Calculation of Future PBOPs Recovery Difference:

	Amount	Calculation
a	Projected Expense: \$68,109,000	Sum of first two years of Forecast PBOPs Expenses
b	Projected Recovery: \$91,518,000	Sum from Note 1 for current and next year.
c	Future PBOPs Recovery Difference: -\$23,409,000	Projected Expense less Projected Recovery

Five Year Forecast PBOPs Expenses:

	Year	Forecast PBOPs Expenses
d	2016	\$32,884,000
e	2017	\$35,225,000
f	2018	\$38,261,000
g	2019	\$40,134,000
h	2020	\$42,119,000

Twenty Percent of sum of forecast PBOPs Expense for current Rate Year and Immediately succeeding Rate Year: \$13,621,800  
**Calculation** (d+e) \* 0.2



- 3) The PBOPs True Up TRR Adjustment determines the amount by which the True Up TRR for the Prior Year should be adjusted in order to correctly reflect the Authorized PBOPs Expense Amount that was in effect for the Prior Year (rather than the stated amount that is in effect for the current year as shown on Schedule 20, Note 3, Line a).

**Instructions:**

- 1) "Current Authorized PBOPs Expense Amounts" in Note 1 are the amounts in effect beginning the first year these amounts were authorized.

This schedule is to be filled out (if required by the protocols) utilizing the amounts in effect at that time. If a filing to revise the Authorized PBOPs Expense Amounts is required, SCE shall make such filing after the Draft Annual Update is posted.

SCE shall request that the Commission make the revised Authorized PBOPs Expense Amounts (as determined on Lines 5-9) effective beginning on January 1 of the filing year.

If the Commission approves SCE's filing, the Authorized PBOPs Expense Amount on Schedule 20, Note 3, Line a for the subsequent Annual Update shall then correspond to the first "Filing PBOPs Expense" in Column 3, Line 5 above. Absent another filing, subsequent Authorized PBOPs Expense Amounts in subsequent Annual Updates will correspond to the amounts in lines 6-9.

- 2) Fill out table through the year immediately preceding the current calendar year in which the Annual Update is filed.

Enter in C1 "PBOPs Expenses" for each year equal to SCE's actual PBOPs expenses.

Enter in C2 PBOPs Recovery based on Commission-approved amounts from most recent PBOPs filing for each year in Prior PBOPs Recovery Period.

Enter in C3 "Previous Over (-) or Under (+) Recovery" from previous filing to revise PBOPs amounts (Lines 5 and 6, C2), if any. Enter with same sign, and corresponding to the years over which it was amortized.

C4 "Adjusted PBOPs Recovery" represents PBOPs Recovery with the previous period over or undercollection removed.