

**Explanation of One Time Adjustment to Prior Period  
True Up TRR Pursuant to Appendix IX, Attachment 1, Paragraph 3(d)(8)**

		<b>TO11/TO12 TUTRR Change</b>	<b>TO2019 One-Time Adj*</b>
<b>Changes to 2015</b>			
1. While answering data requests in the TO2018 Formula Rate proceeding, SCE discovered an inadvertent double counting of eleven 55 kV circuit breakers (five ISO and six Non-ISO). SCE has incorporated this correction that changes the TO11 Schedule 27-Allocators and the impact of this change is a decrease in the 2015 True Up TRR of \$5,607.	A	-\$5,607	-\$5,897
2. In preparing the TO2019 Draft Annual Update, SCE discovered that the ISO amounts related to Interconnection Facilities Chargers were incorrect. SCE has incorporated this correction that changes the TO11 Schedule 21-Revenue Credits and the impact of this change is a decrease in the 2015 True Up TRR of \$18,850.	B	-\$29,951	-\$31,498
<b>Total One-Time Adjustment for 2015 Reflected in June TO2019 Posting</b>	<b>C = A + B</b>	<b>-\$35,559</b>	<b>-\$37,395</b>
<b>Changes to 2016</b>			
1. While answering data requests in the TO2018 Formula Rate proceeding, SCE discovered an inadvertent double counting of eleven 55 kV circuit breakers (five ISO and six Non-ISO). SCE has incorporated this correction that changes the TO11 Schedule 27-Allocators and the impact of this change is a decrease in the 2015 True Up TRR of \$5,407.	D	-\$5,407	-\$5,502
2. In preparing the TO2019 Draft Annual Update, SCE discovered that the net income from EMS was incorrect. SCE has incorporated this correction that changes the TO12 Schedule 21-Revenue Credits and the impact of this change is an increase in the 2016 True Up TRR of \$90,625.	E	\$90,625	\$92,211
3. While answering data requests in the TO2018 Formula Rate proceeding, SCE discovered an inadvertent error carrying over the PBOPs expense amount. SCE has incorporated this correction that changes the TO12 Schedule 20-A&G and the impact of this change is an increase in the 2016 True Up TRR of \$168,606.	F	\$168,606	\$171,557
4. In preparing the TO2019 Draft Annual Update, SCE discovered an inadvertent A&G exclusion. SCE has incorporated this correction that changes the TO12 Schedule 20-A&G and the impact of this change is a decrease in the 2016 True Up TRR of \$33,021.	G	-\$33,021	-\$33,598

5. In preparing the TO2019 Draft Annual Update, SCE discovered that the ISO amounts related to Interconnection Facilities Chargers were incorrect. SCE has incorporated this correction that changes the TO11 Schedule 21-Revenue Credits and the impact of this change is a decrease in the 2015 True Up TRR of \$48,767.

H	-\$48,767	-\$49,621
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**Total One-Time Adjustment for 2016 Reflected in June TO2019 Posting**

<b>I = D + E + F + G + H</b>	<b>\$172,036</b>	<b>\$175,047</b>
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**Total One-Time Adjustment for 2015 through 2016 Reflected in June TO2019 Posting**

<b>J = F + I</b>	<b>\$136,478</b>	<b>\$137,652</b>
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\* The TO2019 One-Time Adjustment is equal to the TO11/TO12 TUTRR Change, plus interest through December 31, 2016.

Schedule 3 - One-Time and Previous Period True Up Adjustment											
One Time Adjustment for Revised 2015 True Up TRR							One Time Adjustment for Revised 2016 True Up TRR				
<u>Month</u>	<u>Year</u>	<u>Monthly Interest Rate</u>	<u>Monthly True Up TRR Adjustment</u>	<u>Cumulative Excess (-) or Shortfall (+) in Revenue wo Interest for Current Month</u>	<u>Interest for Current Month</u>	<u>Cumulative Excess (-) or Shortfall (+) in Revenue with Interest</u>	<u>Monthly True Up TRR Adjustment</u>	<u>Cumulative Excess (-) or Shortfall (+) in Revenue wo Interest for Current Month</u>	<u>Interest for Current Month</u>	<u>Cumulative Excess (-) or Shortfall (+) in Revenue with Interest</u>	
January	2015	0.27%	-\$2,963	-\$2,963	-\$4	-\$2,967	\$0	\$0	\$0	\$0	\$0
February	2015	0.27%	-\$2,963	-\$5,930	-\$12	-\$5,942	\$0	\$0	\$0	\$0	\$0
March	2015	0.27%	-\$2,963	-\$8,906	-\$20	-\$8,926	\$0	\$0	\$0	\$0	\$0
April	2015	0.27%	-\$2,963	-\$11,889	-\$28	-\$11,917	\$0	\$0	\$0	\$0	\$0
May	2015	0.27%	-\$2,963	-\$14,880	-\$36	-\$14,916	\$0	\$0	\$0	\$0	\$0
June	2015	0.27%	-\$2,963	-\$17,879	-\$44	-\$17,924	\$0	\$0	\$0	\$0	\$0
July	2015	0.27%	-\$2,963	-\$20,887	-\$52	-\$20,939	\$0	\$0	\$0	\$0	\$0
August	2015	0.27%	-\$2,963	-\$23,903	-\$61	-\$23,963	\$0	\$0	\$0	\$0	\$0
September	2015	0.27%	-\$2,963	-\$26,926	-\$69	-\$26,995	\$0	\$0	\$0	\$0	\$0
October	2015	0.27%	-\$2,963	-\$29,958	-\$77	-\$30,035	\$0	\$0	\$0	\$0	\$0
November	2015	0.27%	-\$2,963	-\$32,998	-\$85	-\$33,083	\$0	\$0	\$0	\$0	\$0
December	2015	0.27%	-\$2,963	-\$36,046	-\$93	-\$36,140	\$0	\$0	\$0	\$0	\$0
January	2016	0.27%	\$0	-\$36,140	-\$98	-\$36,237	\$14,336	\$14,336	\$19	\$14,356	\$14,356
February	2016	0.27%	\$0	-\$36,237	-\$98	-\$36,335	\$14,336	\$28,692	\$58	\$28,750	\$28,750
March	2016	0.27%	\$0	-\$36,335	-\$98	-\$36,433	\$14,336	\$43,087	\$97	\$43,184	\$43,184
April	2016	0.29%	\$0	-\$36,433	-\$106	-\$36,539	\$14,336	\$57,520	\$146	\$57,666	\$57,666
May	2016	0.29%	\$0	-\$36,539	-\$106	-\$36,645	\$14,336	\$72,002	\$188	\$72,190	\$72,190
June	2016	0.29%	\$0	-\$36,645	-\$106	-\$36,751	\$14,336	\$86,527	\$230	\$86,757	\$86,757
July	2016	0.29%	\$0	-\$36,751	-\$107	-\$36,858	\$14,336	\$101,093	\$272	\$101,365	\$101,365
August	2016	0.29%	\$0	-\$36,858	-\$107	-\$36,965	\$14,336	\$115,702	\$315	\$116,017	\$116,017
September	2016	0.29%	\$0	-\$36,965	-\$107	-\$37,072	\$14,336	\$130,353	\$357	\$130,710	\$130,710
October	2016	0.29%	\$0	-\$37,072	-\$108	-\$37,179	\$14,336	\$145,046	\$400	\$145,446	\$145,446
November	2016	0.29%	\$0	-\$37,179	-\$108	-\$37,287	\$14,336	\$159,783	\$443	\$160,225	\$160,225
December	2016	0.29%	\$0	-\$37,287	-\$108	-\$37,395	\$14,336	\$174,562	\$485	\$175,047	\$175,047
			-\$35,558	Subtotal One-Time Adj:		-\$37,395	\$172,036	Subtotal One-Time Adj:		\$175,047	
							Total One-Time Adjustment for 2016:		\$137,652		

One Time Adjustment for Revised 2015 True Up TRR		
Description	Amount	Source
Revised TO11 True Up TRR in TO2018 Filing	970,250,474	TO2018 Annual Filing - Exhibit SCE-22- WP Schedule 3 - One Time Adj Prior Period, Page 91, Line 45.
Revised TO11 True Up TRR in TO2019 Draft Posting	970,214,916	TO2019 Draft Posting - WP Schedule 3 - One Time Adj Prior Period, Page 6, Line 45.
<b>Variance*</b>	<b>(35,558)</b>	

\* Variance Includes Adjustment for:

- (1) 2015 ISO Allocator Circuit Breaker Count Adjustment
- (2) 2015 ISO Facilities Charge Adjustment

Schedule 4  
True Up TRR  
(Revised 2015 True Up TRR)

TO2019 Annual Update  
Attachment 4  
WP-Schedule 3-One Time Adj Prior Period  
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Calculation of True Up TRR

A) Rate Base for True Up TRR

Line	Rate Base Item	Calculation Method	Notes	FERC Form 1 Reference or Instruction	Amount
1	ISO Transmission Plant	13-Month Avg.		6-PlantInService, Line 18	\$7,336,125,812
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$270,627,473
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	\$15,777,540
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$5,071,512
7	Cash Working Capital	1/16 (O&M + A&G)		1-Base TRR Line 7	\$8,206,986
8	Working Capital			Line 5 + Line 6 + Line 7	\$29,056,038
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,246,135,909
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	-\$117,525,594
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$1,363,661,503
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT, Line 15	-\$1,289,565,209
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	-\$14,911,861
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	\$5,324,259,156

B) Return on Capital

Line					
18	Cost of Capital Rate		See Instruction 1	Instruction 1, Line j	7.2171%
19	Return on Capital: Rate Base times Cost of Capital Rate			Line 17 * Line 18	\$384,254,807

C) Income Taxes

20	Income Taxes = $[(RB * ER) + D] * (CTR / (1 - CTR)) + CO / (1 - CTR)$				\$194,519,832
	Where:				
21	RB = Rate Base			Line 17	\$5,324,259,156
22	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1		Instruction 1, Line k	5.1606%
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

Schedule 4  
True Up TRR  
(Revised 2015 True Up TRR)

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**D) True Up TRR Calculation**

26	O&M Expense	1-Base TRR L 65	\$80,036,269
27	A&G Expense	1-Base TRR L 66	\$51,275,514
27a	PBOPs True Up TRR Adjustment	35-PBOPs L 14	-\$1,125,993
28	Network Upgrade Interest Expense	1-Base TRR L 67	\$1,403,660
29	Depreciation Expense	1-Base TRR L 68	\$216,794,581
30	Abandoned Plant Amortization Expense	1-Base TRR L 69	\$0
31	Other Taxes	1-Base TRR L 70	\$53,571,531
32	Revenue Credits	1-Base TRR L 71	-\$55,106,642
33	Return on Capital	Line 19	\$384,254,807
34	Income Taxes	Line 20	\$194,519,832
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	\$925,623,558
38	True Up Incentive Adder	15-IncentiveAdder L 20	\$33,453,290
39	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Line 37 + Line 38	\$959,076,848

**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:	Line 39	
41	Franchise Fee Factor:	28-FFU, L 5	
42	Franchise Fee Expense:	Line 40 * Line 41	
43	Uncollectibles Expense Factor:	28-FFU, L 5	
44	Uncollectibles Expense:	Line 42 * Line 43	
45	True Up TRR:	L 40 + L 42 + L 44	

<b>Change In TO11 TUTRR</b> \$970,214,916 <u>\$970,250,474</u> -\$35,559
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Schedule 4  
True Up TRR  
(Revised 2015 True Up TRR)

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**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	2.0565%	1-Base TRR L 50
h Wtd. Cost of Preferred Stock	0.4748%	1-Base TRR L 51
i Wtd. Cost of Common Stock	4.6857%	1-Base TRR L 46 * Line d
j Cost of Capital Rate	7.2171%	Sum of Lines f to h

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

	<u>Percentage</u>	<u>Reference:</u>
k	5.1606%	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.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
						Traditional OOR			GRSM				Other Ratemaking	
Line	FERC ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
1a	450	4191110	Late Payment Charge- Comm. & Ind.	\$6,591,990	Traditional OOR	\$6,591,990	\$0	\$6,591,990	\$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	1
1c	450	4191120	Non-Residential Late Payment	\$0	Traditional OOR	\$0	\$0	\$0	\$0			\$0	\$0	1
2	450 Total			\$17,677,575		\$17,677,575	\$0	\$17,677,575	\$0		\$0	\$0	\$0	
3	FF-1 Total for Acct 450 - Forfeited Discounts, p300.16b (Must Equal Line 2)			\$17,677,575										
4a	451	4182110	Recover Unauthorized Use/Non-Energy	\$103,089	Traditional OOR	\$103,089	\$0	\$103,089	\$0			\$0	\$0	1
4b	451	4182115	Miscellaneous Service Revenue - Ownership Cost	\$534,668	Traditional OOR	\$534,668	\$0	\$534,668	\$0			\$0	\$0	1
4c	451	4192110	Miscellaneous Service Revenues	\$0	Traditional OOR	\$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	1
4e	451	4192125	Service Reconnection Charges	\$20,452	Traditional OOR	\$20,452	\$0	\$20,452	\$0			\$0	\$0	1
4f	451	4192130	Service Establishment Charge	\$736	Traditional OOR	\$736	\$0	\$736	\$0			\$0	\$0	1
4g	451	4192140	Field Collection Charges	\$108	Traditional OOR	\$108	\$0	\$108	\$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	6
4j	451	4182120	Uneconomic Line Extension	\$3,003	Traditional OOR	\$3,003	\$0	\$3,003	\$0			\$0	\$0	1
4k	451	4192152	Opt Out CARE-Res-Ini	\$3,040	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$3,040	1
4l	451	4192155	Opt Out CARE-Res-Mo	\$242,820	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$242,820	1
4m	451	4192158	Opt Out NonCARE-Res-Ini	\$85,500	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$85,500	1
4n	451	4192160	Opt Out NonCARE-Res-Mo	\$1,647,415	Other Ratemaking	\$0	\$0	\$0	\$0			\$0	\$1,647,415	1
4o	451	4192135	Conn-Charge - Residential	\$6,784,262	Traditional OOR	\$6,784,262	\$0	\$6,784,262	\$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	1
4q	451	4192150	Conn-Charge - At Pole	\$14,042	Traditional OOR	\$14,042	\$0	\$14,042	\$0			\$0	\$0	1
5	451 Total			\$14,491,027		\$12,282,761	\$0	\$12,282,761	\$50		-\$25	\$75	\$2,208,216	
6	FF-1 Total for Acct 451 - Misc. Service Revenues, p300.17b (Must Equal Line 5)			\$14,491,027										
7a	453	4183110	Sales of Water & Water Power - San Joaquin	\$0	Traditional OOR	\$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	3
7c	453	-	Miscellaneous Adjustments	\$0	Traditional OOR	\$0	\$0	\$0	\$0			\$0	\$0	3
8	453 Total			\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	
9	FF-1 Total for Acct 453 - Sales of Water and Power, p300.18b (Must Equal Line 8)			\$0										
10a	454	4184110	Joint Pole - Tariffed Conduit Rental	\$438,695	Traditional OOR	\$438,695	\$0	\$438,695	\$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	4
10c	454	4184114	Joint Pole - Tariffed Process & Eng Fees - Cable	\$361,040	Traditional OOR	\$361,040	\$0	\$361,040	\$0			\$0	\$0	4
10d	454	4184116	Joint Pole - Tariffed Process & Eng Fees - Conduit	\$0	Traditional OOR	\$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	4
10f	454	4184120	Joint Pole - Aud - Unauth Penalty	\$644,500	Traditional OOR	\$644,500	\$0	\$644,500	\$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	4
10l	454	4184810	Facility Cost -EIX/Nonutility	\$1,446,707	Other Ratemaking	\$85,631	\$85,631	\$0	\$0			\$0	\$1,361,077	6, 12
10m	454	4184815	Facility Cost- Utility	\$0	Traditional OOR	\$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	6, 12
10o	454	4184825	Rent Billed to Utility Affiliates	\$0	Traditional OOR	\$0	\$0	\$0	\$0			\$0	\$0	7
10p	454	4194110	Meter Leasing Revenue	\$0	Traditional OOR	\$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	4
10r	454	4194120	Company Financed Interconnect Facilities	\$451,095	Traditional OOR	\$451,095	\$0	\$451,095	\$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	4
10t	454	4194135	Interconnect Facility Finance Charge	\$14,543,025	Traditional OOR	\$14,543,025	\$4,087,271	\$10,455,755	\$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	4
10w	454	-	Miscellaneous Adjustments	\$0	Traditional OOR	\$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	4
10z	454	4184124	T-P&E Fees	\$96,480	Traditional OOR	\$96,480	\$0	\$96,480	\$0			\$0	\$0	4
11	454 Total			\$77,474,902		\$53,641,640	\$4,260,371	\$49,381,269	\$21,081,879		\$4,669,004	\$16,412,875	\$2,751,383	
12	FF-1 Total for Acct 454 - Rent from Elec. Property, p300.19b (Must Equal Line 11)			\$77,474,902										

Changed from \$4,119,174 to \$4,087,271 due to inadvertent error.

Schedule 21  
Revenue Credits  
(Revised 2015 True Up TRR)

TO2019 Annual Update  
Attachment 4  
WP-Schedule 3-One Time Adj Prior Period  
Page 9 of 28

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FERC						Traditional OOR				GRSM		Other Ratemaking	
Line	ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
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	ACTAC 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		Changed from \$26,518 to \$88,029 due to inadvertent error.	\$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	\$88,029	\$2,119,483	\$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	GHG 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	Telcom 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	\$101,364	\$63,653,677	\$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										

Changed from \$26,518 to \$88,029 due to inadvertent error.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FERC					Traditional OOR			GRSM			Other Ratemaking		
Line	ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
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										
Edison Carrier Solutions (ECS)														
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										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FERC					Traditional OOR			GRSM				Other Ratemaking	
Line	ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
<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
29	418.1		<b>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>										
			<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>\$45,956,285</b>	<b>\$152,212,731</b>	<b>\$84,670,554</b>		<b>\$16,671,389</b>	<b>\$67,999,165</b>	<b>\$441,954,910</b>	

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>	<b>\$55,106,642</b>	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.

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	\$35,008,842
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	6.0137%

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	\$7,656,336,714
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	\$96,095,849
18	Total General Plant	6-PlantInService, Line 21, C1	\$2,810,955,447
19	General Plant	Line 18 * Line 9	\$169,041,833
20	Total Plant In Service	FF1 207.104g	\$41,556,515,000
22	Transmission Plant Allocation Factor	(L14 + L15 + L17 + L19) / L20	19.0619%

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		
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		
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		

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	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
44 d) Line Miles			
45 ISO Line Miles	5,621		563 - Inspect and Patrol Line
46 Non-ISO Line Miles	6,463		571 - Poles and Structures
47 Total Line Miles	12,083 = L45 + L46		571 - Insulators and Conductors
48 Line Miles Percent ISO	46.5% = 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	1,174		570 - Maintenance of Transmission Circuit Breakers
76 Non-ISO Breakers	2,087		Changed from 1,179 to 1,174 based on CPUC-SCE-TO2018-004 Question No.: S1.008.
77 Total Circuit Breakers	3,261 = 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	154		Changed from 2,093 to 2,087 based on CPUC-SCE-TO2018-004 Question No.: S1.008.
83 Total Voltage Control Equipment	464 = L81 + L82		
84 Voltage Control Equipment Percent ISO	66.8% = 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			

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<b>98</b>	m) Transmission Facility Property Damage	<u>Values</u>		<u>Notes</u>	<u>Applied to Accounts</u>
<b>99</b>	ISO Transmission Fac. Property Damage	804,406			
<b>100</b>	Non-ISO Transmission Fac. Property Damage	1,054,515			573 - Provision for Property Damage Expense to Trans. Fac.
<b>101</b>	Total Transmission Facility Property Damage	1,858,921	= L99 + L100		
<b>102</b>	Trans. Fac. Property Damage Percent ISO	43.3%	= L99 / L101		
<b>103</b>					
<b>104</b>	n) Distribution Transformers	<u>Values</u>		<u>Notes</u>	<u>Applied to Accounts</u>
<b>105</b>	ISO Distribution Transformers	0			592 - Maintenance of Distribution Transformers
<b>106</b>	Non-ISO Distribution Transformers	2,262			
<b>107</b>	Total Distribution Transformers	2,262	= L105 + L106		
<b>108</b>	Distribution Transformers Percent ISO	0.0%	= L105 / L107		
<b>109</b>					
<b>110</b>	o) Distribution Circuit Breakers	<u>Values</u>		<u>Notes</u>	<u>Applied to Accounts</u>
<b>111</b>	ISO Distribution Circuit Breakers	0			592 - Maintenance of Distribution Circuit Breakers
<b>112</b>	Non-ISO Distribution Circuit Breakers	8,849			
<b>113</b>	Total Distribution Circuit Breakers	8,849	= L111 + L112		
<b>114</b>	Distribution Circuit Breakers Percent ISO	0.0%	= L111 / L113		
<b>115</b>					
<b>116</b>	p) Distribution Voltage Control Equipment	<u>Values</u>		<u>Notes</u>	<u>Applied to Accounts</u>
<b>117</b>	ISO Distribution Voltage Control Equipment	0			592 - Maintenance of Distribution Voltage Control Equipment
<b>118</b>	Non-ISO Distribution Voltage Control Equip.	2,328			
<b>119</b>	Total Distribution Voltage Control Equipment	2,328	= L117 + L118		
<b>120</b>	Distribution Voltage Control Equip. Pct. ISO	0.0%	= L117 / L119		

One Time Adjustment for Revised 2016 True Up TRR		
Description	Amount	Source
Filed TO12 True Up TRR	1,024,128,578	TO12 Annual Update Filing - Attachment 1 - Schedule 4 , Page 14, Line 45.
TO12 Revised True Up TRR in TO2019 Draft Posting	1,024,300,614	TO2019 Draft Annual Update - WP Schedule 3 - One Time Adj Prior Period, Page 17, Line 45.
<b>Variance*</b>	<b>172,036</b>	

\* Variance Includes Adjustment for:

- (1) 2016 ISO Allocator Circuit Breaker Count Adjustment
- (2) 2016 Net Income EMS Adjustment
- (3) 2016 PBOPs Expense Amount Adjustment
- (4) 2016 A&G Exclusion Adjustment
- (5) 2016 ISO Facilities Charge Adjustment

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Calculation of True Up TRR

A) Rate Base for True Up TRR

Line	Rate Base Item	Calculation Method	Notes	FERC Form 1 Reference or Instruction	Amount
1	ISO Transmission Plant	13-Month Avg.		6-PlantInService, Line 18	\$7,902,835,353
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$256,061,816
3	Transmission Plant Held for Future Use	BOY/EOY Avg.		11-PHFU, Line 9	\$9,942,155
4	Abandoned Plant	BOY/EOY Avg.		12-AbandonedPlant Line 4	\$18,534,525
<u>Working Capital Amounts</u>					
5	Materials and Supplies	13-Month Avg.		13-WorkCap, Line 17	\$14,352,007
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$4,739,147
7	Cash Working Capital	1/16 (O&M + A&G)		1-Base TRR Line 7	\$8,056,123
8	Working Capital			Line 5 + Line 6 + Line 7	\$27,147,277
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,388,640,791
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	-\$111,020,981
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$1,499,661,772
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT, Line 14	-\$1,431,150,165
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 12, C2	\$271,933,898
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 9	-\$73,457,041
15a	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$11,536,541
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	\$5,470,649,504

B) Return on Capital

Line					
18	Cost of Capital Rate		See Instruction 1	Instruction 1, Line j	7.2549%
19	Return on Capital: Rate Base times Cost of Capital Rate			Line 17 * Line 18	\$396,891,562

C) Income Taxes

20	Income Taxes = [((RB * ER) + D) * (CTR/(1 - CTR))] + CO/(1 - CTR)				\$203,624,211
	Where:				
21	RB = Rate Base			Line 17	\$5,470,649,504
22	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1		Instruction 1, Line k	5.2590%
23	CTR = Composite Tax Rate			1-Base TRR L 58	40.7460%
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	\$3,296,636

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**D) True Up TRR Calculation**

26	O&M Expense	1-Base TRR L 65	\$82,055,346
27	A&G Expense	1-Base TRR L 66	\$46,842,626
27a	PBOPs True Up TRR Adjustment	35-PBOPs L 14	-\$134,119
28	Network Upgrade Interest Expense	1-Base TRR L 67	\$2,616,283
29	Depreciation Expense	1-Base TRR L 68	\$228,276,529
30	Abandoned Plant Amortization Expense	1-Base TRR L 69	\$37,069,049
31	Other Taxes	1-Base TRR L 70	\$58,138,923
32	Revenue Credits	1-Base TRR L 71	-\$77,887,588
33	Return on Capital	Line 19	\$396,891,562
34	Income Taxes	Line 20	\$203,624,211
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	\$977,492,820
38	True Up Incentive Adder	15-IncentiveAdder L 20	\$35,016,999
39	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Line 37 + Line 38	\$1,012,509,819

**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:	Line 39	
41	Franchise Fee Factor:	28-FFU, L 5	
42	Franchise Fee Expense:	Line 40 * Line 41	
43	Uncollectibles Expense Factor:	28-FFU, L 5	
44	Uncollectibles Expense:	Line 42 * Line 43	
45	True Up TRR:	L 40 + L 42 + L 44	

<b>Change In</b>
<b>TO12 TUTRR</b>
\$1,024,300,614
<u>\$1,024,128,578</u>
\$172,036

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**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, 2016	Dec 31, 2016	366
b ROE start of Prior Year	9.80%	See Line e below			
c				Total days in year:	366
d Wtd. Avg. ROE in Prior Year	9.80%	((Line a ROE * Line a days) + (Line b ROE * Line b days)) / Total Days in Year			

Commission Decisions approving ROE:

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

	<u>Percentage</u>	<u>Reference:</u>
g Wtd. Cost of Long Term Debt	1.9960%	1-Base TRR L 50
h Wtd. Cost of Preferred Stock	0.5136%	1-Base TRR L 51
i Wtd. Cost of Common Stock	4.7454%	1-Base TRR L 46 * Line d
j Cost of Capital Rate	7.2549%	Sum of Lines f to h

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

	<u>Percentage</u>	<u>Reference:</u>
k	5.2590%	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.

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Administrative and General Expenses  
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Calculation of Administrative and General Expense

Inputs are shaded yellow

			Col 1	Col 2	Col 3	Col 4	Notes
			FERC Form 1	Data	See Note 1		
Line	Acct.	Description	Amount	Source	Total Amount Excluded	A&G Expense	
1	920	A&G Salaries	\$370,948,767	FF1 323.181b	\$72,999,159	\$297,949,608	
2	921	Office Supplies and Expenses	\$213,803,210	FF1 323.182b	\$441,759	\$213,361,451	
3	922	A&G Expenses Transferred	-\$119,273,668	FF1 323.183b	-\$29,401,382	-\$89,872,286	Credit
4	923	Outside Services Employed	\$60,667,969	FF1 323.184b	\$7,725,398	\$52,942,571	
5	924	Property Insurance	\$14,124,920	FF1 323.185b	\$0	\$14,124,920	
6	925	Injuries and Damages	\$90,935,394	FF1 323.186b	\$0	\$90,935,394	
7	926	Employee Pensions and Benefits	\$169,577,000	FF1 323.187b	-\$4,337,968	\$173,914,968	
8	927	Franchise Requirements	\$104,853,533	FF1 323.188b	\$104,853,533	\$0	
9	928	Regulatory Commission Expenses	\$39,330,186	FF1 323.189b	\$40,447,590	-\$1,117,404	
10	929	Duplicate Charges	\$0	FF1 323.190b	\$0	\$0	
11	930.1	General Advertising Expense	\$4,740,534	FF1 323.191b	\$0	\$4,740,534	
12	930.2	Miscellaneous General Expense	\$18,871,749	FF1 323.192b	\$22,065,926	-\$3,194,177	
13	931	Rents	\$17,771,530	FF1 323.193b	\$0	\$17,771,530	
14	935	Maintenance of General Plant	\$13,400,370	FF1 323.196b	\$718,532	\$12,681,838	
15			\$999,751,494		Total A&G Expenses:	\$784,238,948	

		Amount	Source
16	Remaining A&G after exclusions & NOIC Adjustment:	\$784,238,948	Line 15
17	Less Account 924:	\$14,124,920	Line 5
18	Amount to apply the Transmission W&S AF:	\$770,114,028	Line 16 - Line 17
19	Transmission Wages and Salaries Allocation Factor:	5.7291%	27-Allocators, Line 9
20	Transmission W&S AF Portion of A&G:	\$44,120,798	Line 18 * Line 19
21	Transmission Plant Allocation Factor:	19.2697%	27-Allocators, Line 22
22	Property Insurance portion of A&G:	\$2,721,828	Line 5 Col 4 * Line 21
23	Administrative and General Expenses:	\$46,842,626	Line 20 + Line 22

Changed from **-\$12,714,242** to **-\$12,148,359** to remove an exclusion of **-\$565,883** which was in error.

Note 1: Itemization of exclusions

		Col 1	Col 2	Col 3	Col 4	Notes
		Shareholder Exclusions or Other Adjustments	Franchise Requirements	NOIC	PBOPs	
Acct.	Total Amount Excluded (Sum of Col 1 to Col 4)					
24	920	\$72,999,159	-\$12,148,359	\$85,147,517		See Instructions 2b, 3, and Note 2
25	921	\$441,759	\$441,759	\$0		
26	922	-\$29,401,382	-\$7,665,955	-\$21,735,427		
27	923	\$7,725,398	\$7,725,398	\$0		
28	924	\$0	\$0	\$0		
29	925	\$0	\$0	\$0		
30	926	-\$4,337,968	\$14,829,571	\$0	-\$19,167,539	See Note 3
31	927	\$104,853,533	\$0	\$104,853,533	\$0	See Note 4
32	928	\$40,447,590	\$40,447,590	\$0		
33	929	\$0	\$0	\$0		
34	930.1	\$0	\$0	\$0		
35	930.2	\$22,065,926	\$22,065,926	\$0		
36	931	\$0	\$0	\$0		
37	935	\$718,532	\$718,532	\$0		

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

**Note 3: PBOPs Exclusion Calculation**

	<u>Amount</u>	<u>Note:</u>
a	Authorized PBOPs expense amount: \$40,055,779	See instruction #4
b	Prior Year FF1 PBOPs expense: \$20,888,240	SCE Records
c	PBOPs Expense Exclusion: -\$19,167,539	b - a

Change from \$23,777,694 to \$20,888,240 to correct inadvertent error carrying over PBOPs expense amount.

**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.

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**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 of 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.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FERC	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
1a	450	4191110	Late Payment Charge- Comm. & Ind.	5,497,690	Traditional OOR	5,497,690	0	5,497,690	0			0	0	1
1b	450	4191115	Residential Late Payment	10,731,849	Traditional OOR	10,731,849	0	10,731,849	0			0	0	1
1c	450	4191120	Non-Residential Late Payment	0	Traditional OOR	0	0	0	0			0	0	1
2	450 Total			16,229,538		16,229,538	0	16,229,538	0		0	0	0	
3	FF-1 Total for Acct 450 - Forfeited Discounts, p300.16b (Must Equal Line 2)			16,229,538										
4a	451	4182110	Recover Unauthorized Use/Non-Energy	141,269	Traditional OOR	141,269	0	141,269	0			0	0	1
4b	451	4182115	Miscellaneous Service Revenue - Ownership Cost	581,923	Traditional OOR	581,923	0	581,923	0			0	0	1
4c	451	4192110	Miscellaneous Service Revenues	124,032,620	Traditional OOR	124,032,620	0	124,032,620	0			0	0	1
4d	451	4192115	Returned Check Charges	1,330,081	Traditional OOR	1,330,081	0	1,330,081	0			0	0	1
4e	451	4192125	Service Reconnection Charge	6,931	Traditional OOR	6,931	0	6,931	0			0	0	1
4f	451	4192130	Service Establishment Charge	(41)	Traditional OOR	(41)	0	(41)	0			0	0	1
4g	451	4192140	Field Collection Charges	34	Traditional OOR	34	0	34	0			0	0	1
4h	451	4192510	Quickcheck Revenue	61	GRSM	0	0	0	61	P	15	46	0	2
4i	451	4192910	PUC Reimbursement Fee-Elect	329,733	Other Ratemaking	0	0	0	0			0	329,733	6
4j	451	4182120	Uneconomic Line Extension	2,587	Traditional OOR	2,587	0	2,587	0			0	0	1
4k	451	4192152	Opt Out CARE-Res-Ini	1,770	Other Ratemaking	0	0	0	0			0	1,770	1
4l	451	4192155	Opt Out CARE-Res-Mo	65,755	Other Ratemaking	0	0	0	0			0	65,755	1
4m	451	4192158	Opt Out NonCARE-Res-Ini	50,925	Other Ratemaking	0	0	0	0			0	50,925	1
4n	451	4192160	Opt Out NonCARE-Res-Mo	464,105	Other Ratemaking	0	0	0	0			0	464,105	1
4o	451	4192135	Conn-Charge - Residential	5,808,217	Traditional OOR	5,808,217	0	5,808,217	0			0	0	1
4p	451	4192145	Conn-Charge - Non-Residential	2,197,297	Traditional OOR	2,197,297	0	2,197,297	0			0	0	1
4q	451	4192150	Conn-Charge - At Pole	20,732	Traditional OOR	20,732	0	20,732	0			0	0	1
5	451 Total			135,033,999		134,121,650	0	134,121,650	61		15	46	912,288	
6	FF-1 Total for Acct 451 - Misc. Service Revenues, p300.17b (Must Equal Line 5)			135,033,999										
7a	453	4183110	Sales of Water & Water Power - San Joaquin		Traditional OOR	0	0	0	0			0	0	3
7b	453	4183115	Sales of Water & Water Power - Headwater		Traditional OOR	0	0	0	0			0	0	3
7c	453	-	Miscellaneous Adjustments		Traditional OOR	0	0	0	0			0	0	3
8	453 Total			0		0	0	0	0		0	0	0	
9	FF-1 Total for Acct 453 - Sales of Water and Power, p300.18b (Must Equal Line 8)			0										
10a	454	4184110	Joint Pole - Tariffed Conduit Rental	519,853	Traditional OOR	519,853	0	519,853	0			0	0	4
10b	454	4184112	Joint Pole - Tariffed Pole Rental - Cable Cos.	3,323,162	Traditional OOR	3,323,162	0	3,323,162	0			0	0	4
10c	454	4184114	Joint Pole - Tariffed Process & Eng Fees - Cable	599,120	Traditional OOR	599,120	0	599,120	0			0	0	4
10d	454	4184116	Joint Pole - Tariffed Process & Eng Fees - Conduit		Traditional OOR	0	0	0	0			0	0	4
10e	454	4184118	Joint Pole - PI Atchmnt Audit - Undoc P&E Fee		Traditional OOR	0	0	0	0			0	0	4
10f	454	4184120	Joint Pole - Aud - Unauth Penalty	421,500	Traditional OOR	421,500	0	421,500	0			0	0	4
10g	454	4184510	Joint Pole - Non-Tariffed Pole Rental	134,803	GRSM	0	0	0	134,803	P	28,370	106,432	0	2
10h	454	4184512	Joint Pole - Non-Tariff Process & Engineering Fees	43,296	GRSM	0	0	0	43,296	P	17,760	25,536	0	2
10i	454	4184514	Joint Pole - Non-Tariff Requests for Information	(640)	GRSM	0	0	0	(640)	P	(465)	(175)	0	2
10j	454	4184516	Oil And Gas Royalties	9,990	GRSM	0	0	0	9,990	P	2,634	7,355	0	2
10k	454	4184518	Def Operating Land & Facilities Rent Rev	(168,171)	Traditional OOR	(168,171)	0	(168,171)	0			0	0	4
10l	454	4184810	Facility Cost -EIX/Nonutility	268,319	Other Ratemaking	15,882	15,882	0	0			0	252,437	6, 12
10m	454	4184815	Facility Cost- Utility		Traditional OOR	0	0	0	0			0	0	7
10n	454	4184820	Rent Billed to Non-Utility Affiliates	1,478,793	Other Ratemaking	87,530	87,530	0	0			0	1,391,263	6, 12
10o	454	4184825	Rent Billed to Utility Affiliates		Traditional OOR	0	0	0	0			0	0	7
10p	454	4194110	Meter Leasing Revenue		Traditional OOR	0	0	0	0			0	0	1
10q	454	4194115	Company Financed Added Facilities	10,732,510	Traditional OOR	10,732,510	0	10,732,510	0			0	0	4
10r	454	4194120	Company Financed Interconnect Facilities	662,750	Traditional OOR	662,750	0	662,750	0			0	0	4
10s	454	4194130	SCE Financed Added Facility	23,706,989	Traditional OOR	23,706,989	0	23,706,989	0			0	0	4
10t	454	4194135	Interconnect Facility Finance Charge	13,656,799	Traditional OOR	13,656,799	3,841,125	9,815,674	0			0	0	8
10u	454	4204515	Operating Land & Facilities Rent Revenue	20,374,745	GRSM	0	0	0	20,374,745	P	4,250,081	16,124,663	0	2
10v	454	4867020	Nonoperating Misc Land & Facilities Rent		Traditional OOR	0	0	0	0			0	0	4
10w	454	-	Miscellaneous Adjustments		Traditional OOR	0	0	0	0			0	0	1
10x	454	4206515	Op Misc Land/Fac Rev	1,138,222	GRSM	0	0	0	1,138,222	P	603,066	535,156	0	2
10y	454	4184122	T-Unauth Pole Rent	(1,040)	Traditional OOR	(1,040)	0	(1,040)	0			0	0	4
10z	454	4184124	T-P&E Fees	54,750	Traditional OOR	54,750	0	54,750	0			0	0	4
10aa	454	4184821	Rent Rev NU-NonBRRBA	76,611	Other Ratemaking	4,535	4,535	0	0			0	72,076	6, 12
10bb	454	4184811	Fac Cost N/U-BRRBA	1,021,349	Other Ratemaking	60,454	60,454	0	0			0	960,895	6, 12
11	454 Total			78,053,707		53,676,621	4,009,525	49,667,096	21,700,415		4,901,447	16,798,968	2,676,671	
12	FF-1 Total for Acct 454 - Rent from Elec. Property, p300.19b (Must Equal Line 11)			78,053,707										

Changed from \$3,842,260 to \$3,841,125 to correct inadvertent error.

Schedule 21  
Revenue Credits  
(Revised 2016 True Up TRR)

TO2019 Annual Update  
Attachment 4  
WP-Schedule 3-One Time Adj Prior Period  
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FERC						Traditional OOR				GRSM		Other Ratemaking	
Line	ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
12a	456	4186114	Energy Related Services	3,492,797	Traditional OOR	3,492,797	0	3,492,797	0			0	0	1
12b	456	4186118	Distribution Miscellaneous Electric Revenues	731,591	Traditional OOR	731,591	0	731,591	0			0	0	4
12c	456	4186120	Added Facilities - One Time Charge	219,628	Traditional OOR	219,628	0	219,628	0			0	0	4
12d	456	4186122	Building Rental - Nev Power/Mohave Cr		Traditional OOR	0	0	0	0			0	0	3
12e	456	4186126	Service Fee - Optimal Bill Prd	480	Traditional OOR	480	0	480	0			0	0	1
12f	456	4186128	Miscellaneous Revenues	520,007	Traditional OOR	520,007	0	520,007	0			0	0	1
12g	456	4186130	Tule Power Plant - Revenue		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		Traditional OOR	0	0	0	0			0	0	7
12j	456	4186155	Non Utility Subs Labor Markup	39,429	Other Ratemaking	2,334	2,334	0	0			0	37,096	6, 12
12k	456	4186162	Reliant Eng FSA Ann Pymnt-Mandalay	1,206	Traditional OOR	1,206	0	1,206	0			0	0	4
12l	456	4186164	Reliant Eng FSA Ann Pymnt-Ormond Beach	12,102	Traditional OOR	12,102	0	12,102	0			0	0	4
12m	456	4186166	Reliant Eng FSA Ann Pymnt-Etswana	3,657	Traditional OOR	3,657	0	3,657	0			0	0	4
12n	456	4186168	Reliant Eng FSA Ann Pymnt-Ellwood	828	Traditional OOR	828	0	828	0			0	0	4
12o	456	4186170	Reliant Eng FSA Ann Pymnt-Coolwater	704	Traditional OOR	704	0	704	0			0	0	4
12p	456	4186194	Property License Fee revenue	208,656	Traditional OOR	208,656	0	208,656	0			0	0	4
12q	456	4186512	Revenue From Recreation, Fish & Wildlife	1,683,569	GRSM	0	0	0	1,683,569	P	96,228	1,587,341	0	2
12r	456	4186514	Mapping Services	158,343	GRSM	0	0	0	158,343	P	25,615	132,728	0	2
12s	456	4186518	Enhanced Pump Test Revenue	31,125	GRSM	0	0	0	31,125	P	0	31,125	0	2
12t	456	4186520	RTTC Revenue		GRSM	0	0	0	0	P		0	0	2
12u	456	4186524	Revenue From Scrap Paper - General Office		GRSM	0	0	0	0	P		0	0	2
12v	456	4186528	CTAC Revenues	2,800	GRSM	0	0	0	2,800	P	2,800	0	0	2
12w	456	4186530	AGTAC Revenues	5,365	GRSM	0	0	0	5,365	P	3,316	2,049	0	2
12x	456	4186536	Other Inc/erd Party DC-ESM		GRSM	0	0	0	0	P		0	0	2
12y	456	4186538	3rd Party-Div Trng-Cr PPD training		GRSM	0	0	0	0	P		0	0	2
12z	456	4186716	ADT Vendor Service Revenue		GRSM	0	0	0	0	A		0	0	2
12aa	456	4186718	Read Water Meters - Irvine Ranch		GRSM	0	0	0	0	A		0	0	2
12bb	456	4186720	Read Water Meters - Rancho California		GRSM	0	0	0	0	A		0	0	2
12cc	456	4186722	Read Water Meters - Long Beach		GRSM	0	0	0	0	A		0	0	2
12dd	456	4186730	SSID Transformer Repair Services Revenue	24,950	GRSM	0	0	0	24,950	A		24,950	0	2
12ee	456	4186815	Employee Transfer/Affiliate Fee	296,571	Other Ratemaking	0	0	0	0			0	296,571	6
12ff	456	4186910	ITCC/CIAC Revenues	11,518,649	Traditional OOR	11,518,649	0	11,518,649	0			0	0	4
12gg	456	4186912	Revenue From Decommission Trust Fund	134,519,012	Other Ratemaking	0	0	0	0			0	134,519,012	6
12hh	456	4186914	Revenue From Decommissioning Trust FAS115	(35,894,910)	Other Ratemaking	0	0	0	0			0	(35,894,910)	6
12ii	456	4186916	Offset to Revenue from NDT Earnings/Realized	(134,518,430)	Other Ratemaking	0	0	0	0			0	(134,518,430)	6
12jj	456	4186918	Offset to Revenue from FAS 115 FMV	35,894,910	Other Ratemaking	0	0	0	0			0	35,894,910	6
12kk	456	4186920	Revenue From Decommissioning Trust FAS115-1	21,363,400	Other Ratemaking	0	0	0	0			0	21,363,400	6
12ll	456	4186922	Offset to Revenue from FAS 115-1 Gains & Loss	(21,363,400)	Other Ratemaking	0	0	0	0			0	(21,363,400)	6
12mm	456	4188712	Power Supply Installations - IMS		GRSM	0	0	0	0	A		0	0	2
12nn	456	4188714	Consulting Fees - IMS		GRSM	0	0	0	0	A		0	0	2
12oo	456	4188818	FTR Auction Revenue		Other Ratemaking	0	0	0	0			0	0	6
12pp	456	4196105	DA Revenue	213,222	Traditional OOR	213,222	0	213,222	0			0	0	1
12qq	456	4196154	Direct Access Monthly Customer Charges		Traditional OOR	0	0	0	0			0	0	1
12rr	456	4196158	EDBL Customer Finance Added Facilities	4,153,401	Traditional OOR	4,153,401	0	4,153,401	0			0	0	4
12ss	456	4196162	SCE Energy Manager Fee Based Services	154,068	Traditional OOR	154,068	0	154,068	0			0	0	4
12tt	456	4196166	SCE Energy Manager Fee Based Services Adj		Traditional OOR	0	0	0	0			0	0	4
12uu	456	4196172	Off Grid Photo Voltaic Revenues		Traditional OOR	0	0	0	0			0	0	1
12vv	456	4196174	Scheduling/Dispatch Revenues		Traditional OOR	0	0	0	0			0	0	4
12ww	456	4196176	Interconnect Facilities Charges-Customer Financed	1,872,663	Traditional OOR	1,872,663	75,179	1,797,484	0			0	0	8
12xx	456	4196178	Interconnect Facilities Charges - SCE Financed	13,178,621	Traditional OOR	13,178,621	0	13,178,621	0			0	0	4
12yy	456	4196184	DMS Service Fees	2,537	Traditional OOR	2,537	0	2,537	0			0	0	4
12zz	456	4196188	CCA - Information Fees	673,778	Traditional OOR	673,778	0	673,778	0			0	0	6
12aaa	456	4206515	Operating Miscellaneous Land & Facilities		GRSM	0	0	0	0	P		0	0	2
12bbb	456		Miscellaneous Adjustments		Traditional OOR	0	0	0	0			0	0	1
12ccc	456	4186911	Grant Amortization	3,333,000	Other Ratemaking	0	0	0	0			0	3,333,000	6
12ddd	456	4186925	GHG Allowance Revenue	376,175,077	Other Ratemaking	0	0	0	0			0	376,175,077	6
12eee	456	4186132	Intercon One Time	1,391,189	Traditional OOR	1,391,189	0	1,391,189	0			0	0	4
12fff	456	4186116	EV Charging Revenue	502	Traditional OOR	502	0	502	0			0	0	4
12ggg	456	4186115	Energy ReltD Srv-TSP	694,292	Traditional OOR	694,292	0	694,292	0			0	0	4
12hhh	456	4186156	N/U Labor Mrkp-BRRBA	155,623	Other Ratemaking	9,211	9,211	0	0			0	146,411	6, 12
12iii	456	4188720	LCFS CR 411.8	15,016,500	Traditional OOR	15,016,500	0	15,016,500	0			0	0	4
12jjj	456	4186128	Miscellaneous Revenues - ISO	18,000,000	Traditional OOR	18,000,000	18,000,000	0	0			0	0	5
13	456	Total		453,970,935		72,076,047	18,086,724	53,989,323	1,906,151		127,958	1,778,193	379,988,737	
14		FF-1 Total for Acct 456 - Other electric Revenues, p300.21b (Must Equal Line 13)		453,970,935										

Changed from \$25,838 to \$75,179 to correct inadvertent error.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FERC					Traditional OOR			GRSM			Other Ratemaking		
Line	ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
15a	456.1	4188112	Trans of Elec of Others - Pasadena		Traditional OOR	0	0	0	0			0	0	5
15b	456.1	4188114	FTS PPU/Non-ISO	296,028	Traditional OOR	296,028	0	296,028	0			0	0	4
15c	456.1	4188116	FTS Non-PPU/Non-ISO	992,563	Traditional OOR	992,563	0	992,563	0			0	0	4
15d	456.1	4188812	ISO-Wheeling Revenue - Low Voltage	3,430,468	Other Ratemaking	0	0	0	0			0	3,430,468	6
15e	456.1	4188814	ISO-Wheeling Revenue - High Voltage	51,529,376	Other Ratemaking	0	0	0	0			0	51,529,376	6
15f	456.1	4188816	ISO-Congestion Revenue	15,738,131	Other Ratemaking	0	0	0	0			0	15,738,131	6
15g	456.1	4198110	Transmission of Elec of Others	46,734,870	Traditional OOR	46,734,870	46,734,870	0	0			0	0	5
15h	456.1	4198112	WDAT	5,539,948	Traditional OOR	5,539,948	0	5,539,948	0			0	0	4
15i	456.1	4198114	Radial Line Rev-Base Cost - Reliant Coolwater	394,622	Traditional OOR	394,622	0	394,622	0			0	0	4
15j	456.1	4198115	High Voltage Trans Access Rev (Existing Contracts)		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)		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	146,964	Other Ratemaking	0	0	0	0			0	146,964	6
15t	456.1	4198132	Radial Line Agreement-Base-Mojave Solr	90,533	Traditional OOR	90,533	0	90,533	0			0	0	4
15u	456.1	4198134	Radial Line Agreement-O&M-Mojave Solr	229,854	Traditional OOR	229,854	0	229,854	0			0	0	4
15v	456.1	4188716	ISO Non-Refundable Interconnection Deposit	2,295,276	Other Ratemaking	0	0	0	0			0	2,295,276	6
16	456.1 Total			130,620,392		57,480,178	46,734,870	10,745,308	0		0	0	73,140,214	
17	FF-1 Total for Account 456.1 - Revenues from Trans. Of Electricity of Others, p300.22b (Must Equal Line 16)			130,620,392										
18a														
19	457.1 Total			0		0	0	0	0		0	0	0	
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										
Edison Carrier Solutions (ECS)														
24a	417	4863135	ECS - Pass Pole Attachments		GRSM	0	0	0	0	P		0	0	2
24b	417	4863130	ECS - Distribution Facilities	574,600	GRSM	0	0	0	574,600	P	144,854	429,745	0	2
24c	417	4862110	ECS - Dark Fiber	6,212,981	GRSM	0	0	0	6,212,981	A	1,279,826	4,933,155	0	2
24d	417	4862115	ECS - SCE Net Fiber	3,296,985	GRSM	0	0	0	3,296,985	A	680,429	2,616,556	0	2
24e	417	4862120	ECS - Transmission Right of Way	283,552	GRSM	0	0	0	283,552	A	57,963	225,589	0	2
24f	417	4862135	ECS - Wholesale FCC	22,638,372	GRSM	0	0	0	22,638,372	A	4,775,918	17,862,453	0	2
24g	417	4864110	ECS - Infrastructure Leasing		GRSM	0	0	0	0	A		0	0	2
24h	417	4864115	ECS - EU FCC Rev	745,271	GRSM	0	0	0	745,271	A	71,150	674,122	0	2
24i	417	4862125	ECS - Cell Site Rent and Use (Active)	12,189,272	GRSM	0	0	0	12,189,272	A	1,853,751	10,335,521	0	2
24j	417	4862130	ECS - Cell Site Reimbursable (Active)	6,089,441	GRSM	0	0	0	6,089,441	A	1,577,178	4,512,264	0	2
24k	417	4863120	ECS - Communication Sites	347,613	GRSM	0	0	0	347,613	P	71,332	276,282	0	2
24l	417	4863110	ECS - Cell Site Rent and Use (Passive)	3,391,715	GRSM	0	0	0	3,391,715	P	643,245	2,748,471	0	2
24m	417	4863115	ECS - Cell Site Reimbursable (Passive)	415,112	GRSM	0	0	0	415,112	P	28,024	387,088	0	2
24n	417	4863125	ECS - Micro Cell	1,794,379	GRSM	0	0	0	1,794,379	P	456,813	1,337,566	0	2
24o	417	4864120	ECS - End User Universal Service Fund Fee	100,891	GRSM	0	0	0	100,891	A	1,488	99,403	0	2
24p	417	4864116	ECS - Intrastate End User Revenue	78,015	GRSM	0	0	0	78,015	A	0	78,015	0	2
24q	417	4864121	ECS - Intrastate End User Fees	669	GRSM	0	0	0	669	A	0	669	0	2
25	417 ECS Total			58,158,870		0	0	0	58,158,870		11,641,969	46,516,900	0	
26	417 Other			7,775,931										
27	FF-1 Total for Account 417 - Revenues From Nonutility Operations p117.33c (Must Equal Line 25 + 26)			65,934,801										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FERC					Traditional OOR			GRSM				Other Ratemaking	
Line	ACCT	ACCT	ACCT DESCRIPTION	DOLLARS	Category	Total	ISO	Non-ISO	Total	A/P	Threshold [10]	Incremental	Total	Notes
<b>Subsidiaries</b>														
28a	418.1		ESI (Gross Revenues - Active)		GRSM	0	0	0	0	A		0	0	2.9
28b	418.1		ESI (Gross Revenues - Passive)		GRSM	0	0	0	0	P		0	0	2.9
28c	418.1		Southern States Realty	14,200	GRSM	0	0	0	14,200	P		14,200	0	2.15
28d	418.1		Mono Power Company	9,165	Traditional OOR	9,165	0	9,165	0			0	0	13
28e	418.1		SCE Capital Company		Traditional OOR	0	0	0	0			0	0	14
28f	418.1		Edison Material Supply (EMS)	(554,475)	Traditional OOR	(554,475)	(32,819)	(521,655)	0			0	0	7.17
29	418.1		Subsidiaries Total	(531,110)		(545,310)	(32,819)	(512,490)	14,200		0	14,200	0	
30	418.1		Other (See Note 16)	554,475										
			FF-1 Total for Account 418.1 - Equity in Earnings of Subsidiary Companies, p117.36c (Must Equal Line 29 + 30)	23,365										
32			Totals	871,536,332		333,038,725	68,798,300	264,240,425	81,779,697		16,671,389	65,108,308	456,717,910	

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

Changed EMS Net Income from \$958,989 to -\$554,475 due to inadvertent error.

Changed from -\$958,989 to \$554,475 due to inadvertent error.

44	Total Revenue Credits:	Amount	Calculation
		\$77,887,588	Sum of Column D, Line 43 and Column G, Line 32

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.

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	\$33,251,376
2	Total Wages and Salaries	FF1 354.28b	\$737,797,550
3	Less Total A&G Wages and Salaries	FF1 354.27b	\$205,867,991
4	Total Wages and Salaries wo A&G	Line 2 - Line 3	\$531,929,559
5	Total NOIC (Non-Officer Incentive Compensation)	20-AandG, Note 2	\$71,991,890
6	Less A&G NOIC	20-AandG, Note 2	\$23,529,616
7	NOIC wo A&G NOIC	Line 5 - Line 6	\$48,462,274
8	Total non-A&G W&S with NOIC	Line 4 + Line 7	\$580,391,833
9	Transmission Wages and Salary Allocation Factor	Line 1 / Line 8	5.7291%

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	\$8,276,570,295
15	Distribution Plant - ISO	7-PlantStudy, Line 30	\$0
16	Total Electric Miscellaneous Intangible Plant	6-PlantInService, Line 21, C2	\$1,588,136,353
17	Electric Miscellaneous Intangible Plant	Line 16 * Line 9	\$90,986,323
18	Total General Plant	6-PlantInService, Line 21, C1	\$2,941,903,413
19	General Plant	Line 18 * Line 9	\$168,545,335
20	Total Plant In Service	FF1 207.104g	\$44,298,088,225
22	Transmission Plant Allocation Factor	(L14 + L15 + L17 + L19) / L20	19.2697%

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

Line	Values	Notes	Applied to Accounts
26 a) Outages			
27	ISO Outages	5,623	561.000 Load Dispatching
28	Non-ISO Outages	12,286	561.100 Load Dispatch-Reliability
29	Total Outages	17,909 = L27 + L28	561.200 Load Dispatch Monitor and Operate Trans. System
30	Outages Percent ISO	31.4% = L27 / L29	
32 b) Circuits			
33	ISO Circuits	215	562 - Operating Transmission Stations
34	Non-ISO Circuits	999	
35	Total Circuits	1,214 = L33 + L34	
36	Circuits Percent ISO	17.7% = L33 / L35	
38 c) Relay Routines			
39	ISO Relay Routines	719	562 - Routine Testing and Inspection
40	Non-ISO Relay Routines	2,770	
41	Total Relay Routines	3,489 = L39 + L40	
42	Relay Routines Percent ISO	20.6% = L39 / L41	

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(Revised 2016 True Up TRR)

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44	d) Line Miles	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
45	ISO Line Miles	5,660		563 - Inspect and Patrol Line
46	Non-ISO Line Miles	6,453		571 - Poles and Structures
47	Total Line Miles	12,113 = L45 + L46		571 - Insulators and Conductors
48	Line Miles Percent ISO	46.7% = L45 / L47		571 - Transmission Line Rights of Way
49				
50	e) Underground Line Miles	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
51	ISO Underground Line Miles	5		564 - Underground Line Expense
52	Non-ISO Underground Line Miles	353		572 - Maintenance of Underground Transmission Lines
53	Total Underground Line Miles	358 = L51 + L52		
54	Underground Line Miles Percent ISO	1.4% = L51 / L53		
55				
56	f) Line Rents Costs	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
57	ISO Line Rent Costs	6,695,787		567 - Line Rents
58	Non-ISO Line Rent Costs	2,496,641		
59	Total Line Rent Costs	9,192,428 = L57 + L58		
60	Line Rent Costs Percent ISO	72.8% = L57 / L59		
61				
62	g) Morongo Acres	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
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	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
69	ISO Transformers	138		570 - Maintenance of Power Transformers
70	Non-ISO Transformers	478		
71	Total Transformers	616 = L69 + L70		
72	Transformers Percent ISO	22.4% = L69 / L71		
73				
74	i) Circuit Breakers	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
75	ISO Circuit Breakers	1,179		570 - Maintenance of Transmission Circuit Breakers
76	Non-ISO Breakers	2,072		
77	Total Circuit Breakers	3,251 = L75 + L76		
78	Circuit Breakers Percent ISO	36.3% = L75 / L77		
79				
80	j) Voltage Control Equipment	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
81	ISO Voltage Control Equipment	323		570 - Maintenance of Transmission Voltage Equipment
82	Non-ISO Voltage Control Equipment	155		
83	Total Voltage Control Equipment	478 = L81 + L82		
84	Voltage Control Equipment Percent ISO	67.6% = L81 / L83		
85				
86	k) Substation Work Order Cost	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
87	ISO Substation Work Order Costs	609,936		570 - Substation Work Order Related Expense
88	Non-ISO Substation Work Order Costs	4,928,424		
89	Total Substation Work Order Costs	5,538,360 = L87 + L88		
90	Substation Work Order Costs Percent ISO	11.0% = L87 / L89		
91				
92	l) Transmission Work Order Cost	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
93	ISO Transmission Work Order Costs	283,287		571 - Transmission Work Order Related Expense
94	Non-ISO Transmission Work Order Costs	3,197,351		
95	Total Transmission Work Order Costs	3,480,637 = L93 + L94		
96	Transmission Work Order Costs Percent ISO	8.1% = L93 / L95		
97				

Changed from 1,184 to 1,179 based on CPUC-SCE-TO2018-004 Question No.: S1.008.

Changed from 2,078 to 2,072 based on CPUC-SCE-TO2018-004 Question No.: S1.008.

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<b>98</b>	m) Transmission Facility Property Damage	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
<b>99</b>	ISO Transmission Fac. Property Damage	1,625,490		573 - Provision for Property Damage Expense to Trans. Fac.
<b>100</b>	Non-ISO Transmission Fac. Property Damage	2,060,289		
<b>101</b>	Total Transmission Facility Property Damage	3,685,780	= L99 + L100	
<b>102</b>	Trans. Fac. Property Damage Percent ISO	44.1%	= L99 / L101	
<b>103</b>				
<b>104</b>	n) Distribution Transformers	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
<b>105</b>	ISO Distribution Transformers	0		592 - Maintenance of Distribution Transformers
<b>106</b>	Non-ISO Distribution Transformers	2,045		
<b>107</b>	Total Distribution Transformers	2,045	= L105 + L106	
<b>108</b>	Distribution Transformers Percent ISO	0.0%	= L105 / L107	
<b>109</b>				
<b>110</b>	o) Distribution Circuit Breakers	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
<b>111</b>	ISO Distribution Circuit Breakers	0		592 - Maintenance of Distribution Circuit Breakers
<b>112</b>	Non-ISO Distribution Circuit Breakers	8,875		
<b>113</b>	Total Distribution Circuit Breakers	8,875	= L111 + L112	
<b>114</b>	Distribution Circuit Breakers Percent ISO	0.0%	= L111 / L113	
<b>115</b>				
<b>116</b>	p) Distribution Voltage Control Equipment	<u>Values</u>	<u>Notes</u>	<u>Applied to Accounts</u>
<b>117</b>	ISO Distribution Voltage Control Equipment	0		592 - Maintenance of Distribution Voltage Control Equipment
<b>118</b>	Non-ISO Distribution Voltage Control Equip.	2,340		
<b>119</b>	Total Distribution Voltage Control Equipment	2,340	= L117 + L118	
<b>120</b>	Distribution Voltage Control Equip. Pct. ISO	0.0%	= L117 / L119	