

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

	TO2021/TO2022	TO2023
	TUTRR Change	One-Time Adj*

Changes to 2019

1. In preparing the TO2023 Draft Annual Update, SCE has identified errors relating to an A&G exclusion affecting the True Up TRR of calendar year 2019. This error relates to CPUC Balancing Accounts (BAs) and Memo Accounts (MAs) which were erroneously identified as having 100% recovery through CPUC rates, when in fact they are jurisdictionalized. This error caused A&G exclusions to be overstated. As such, SCE is correcting A&G to include this additional expense of \$14,504,840. SCE has incorporated this correction that changes the TO2021 A&G expenses and the impact of this change is an increase in the 2019 True Up TRR of \$975,390.
2. In preparing the TO2023 Draft Annual Update, SCE discovered that it had outside counsel expenses and court fees related to employment litigation or arbitration matters that were subsequently resolved by the Company which were not excluded. The amount of expenses were overstated by \$107,252, which should have been excluded in 2019. As such, SCE is including an additional TO2021 A&G exclusion of \$107,252 to remove these additional expenses. SCE has incorporated this correction that changes the TO2021 A&G exclusions and the impact of this change is a decrease in the 2019 True Up TRR of \$7,212.

A	\$975,390	\$1,044,234
B	-\$7,212	-\$7,721

Total One-Time Adjustment for 2019 Reflected in the TO2023 Annual Update Filing

C = A + B	\$968,178	\$1,036,513
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Changes to 2020

1. In preparing the TO2023 Draft Annual Update, SCE has identified errors relating to an A&G exclusion affecting the True Up TRR of calendar year 2020. This error relates to CPUC Balancing Accounts (BAs) and Memo Accounts (MAs) which were erroneously identified as having 100% recovery through CPUC rates, when in fact they are jurisdictionalized. This error caused A&G exclusions to be overstated. As such, SCE is correcting A&G to include this additional expense of \$50,012,110. SCE has incorporated this correction that changes the TO2022 A&G expenses and the impact of this change is an increase in the 2020 True Up TRR of \$3,605,738.
2. In preparing the TO2023 Draft Annual Update, SCE discovered that it had outside counsel expenses and court fees related to employment litigation or arbitration matters that were subsequently resolved by the Company which were not excluded. The amount of expenses were overstated by \$69,775, which should have been excluded in 2020. As such, SCE is including an additional TO2021 A&G exclusion of \$69,775 to remove these additional expenses. SCE has incorporated this correction that changes the TO2022 A&G exclusions and the impact of this change is a decrease in the 2020 True Up TRR of \$5,031.

D	\$3,605,738	\$3,673,451
E	-\$5,031	-\$5,125

3. In preparing the TO2023 Draft Annual Update, SCE discovered that it had inadvertently removed on line 10cc of the Revenue Credits Schedule the Passive Income Indicator (P) from the Gross Revenue Sharing Mechanism (GRSM). The amount of expenses were overstated by \$8,578 which should have been credited in 2020. SCE has incorporated this correction that changes the TO2022 Revenue Credits and the impact of this change is a decrease in the 2020 True Up TRR of \$855.	F	-\$855	-\$871
4. In the TO2022 Annual Update, the FERC Uncollectible expense was \$13,789,000 for calendar year 2020. To hold this value constant, SCE has incorporated an additional decrease in the 2020 True Up TRR of \$40,240.	G	-\$40,240	-\$40,996
Total One-Time Adjustment for 2020 Reflected in the TO2023 Annual Update Filing	H = D + E + F + G	\$3,559,613	\$3,626,460
Total One-Time Adjustment for 2019 through 2020 Reflected in the TO2023 Annual Update Filing	I = C + H	\$4,527,790	\$4,662,972

* The TO2023 One-Time Adjustment is equal to the TO2021/TO2022 TUTRR Change, plus interest through December 31, 2020.

Schedule 3 - One-Time and Previous Period True Up Adjustment											
One Time Adjustment for Revised 2019 True Up TRR							One Time Adjustment for Revised 2020 True Up TRR				
				Cumulative Excess (-) or Shortfall (+) in Revenue wo Interest for Current Month	Interest for Current Month	Cumulative Excess (-) or Shortfall (+) in Revenue with Interest		Cumulative Excess (-) or Shortfall (+) in Revenue wo Interest for Current Month	Interest for Current Month	Cumulative Excess (-) or Shortfall (+) in Revenue with Interest	
Month	Year	Rate	TRR Adjustment	Current Month	Month	with Interest	TRR Adjustment	Current Month	Month	with Interest	
January	2019	0.43%	\$80,681	\$80,681	\$173	\$80,855	\$0	\$0	\$0	\$0	
February	2019	0.43%	\$80,681	\$161,536	\$521	\$162,058	\$0	\$0	\$0	\$0	
March	2019	0.43%	\$80,681	\$242,739	\$870	\$243,609	\$0	\$0	\$0	\$0	
April	2019	0.45%	\$80,681	\$324,291	\$1,278	\$325,569	\$0	\$0	\$0	\$0	
May	2019	0.45%	\$80,681	\$406,250	\$1,647	\$407,897	\$0	\$0	\$0	\$0	
June	2019	0.45%	\$80,681	\$488,578	\$2,017	\$490,595	\$0	\$0	\$0	\$0	
July	2019	0.46%	\$80,681	\$571,277	\$2,442	\$573,719	\$0	\$0	\$0	\$0	
August	2019	0.46%	\$80,681	\$654,400	\$2,825	\$657,225	\$0	\$0	\$0	\$0	
September	2019	0.46%	\$80,681	\$737,906	\$3,209	\$741,115	\$0	\$0	\$0	\$0	
October	2019	0.45%	\$80,681	\$821,797	\$3,517	\$825,313	\$0	\$0	\$0	\$0	
November	2019	0.45%	\$80,681	\$905,995	\$3,895	\$909,890	\$0	\$0	\$0	\$0	
December	2019	0.45%	\$80,681	\$990,572	\$4,276	\$994,848	\$0	\$0	\$0	\$0	
January	2020	0.41%	\$0	\$994,848	\$4,079	\$998,927	\$296,634	\$296,634	\$608	\$297,242	
February	2020	0.41%	\$0	\$998,927	\$4,096	\$1,003,022	\$296,634	\$593,877	\$1,827	\$595,704	
March	2020	0.41%	\$0	\$1,003,022	\$4,112	\$1,007,135	\$296,634	\$892,338	\$3,050	\$895,389	
April	2020	0.40%	\$0	\$1,007,135	\$4,029	\$1,011,163	\$296,634	\$1,192,023	\$4,175	\$1,196,198	
May	2020	0.40%	\$0	\$1,011,163	\$4,045	\$1,015,208	\$296,634	\$1,492,832	\$5,378	\$1,498,210	
June	2020	0.40%	\$0	\$1,015,208	\$4,061	\$1,019,269	\$296,634	\$1,794,845	\$6,586	\$1,801,431	
July	2020	0.29%	\$0	\$1,019,269	\$2,956	\$1,022,224	\$296,634	\$2,098,065	\$5,654	\$2,103,719	
August	2020	0.29%	\$0	\$1,022,224	\$2,964	\$1,025,189	\$296,634	\$2,400,354	\$6,531	\$2,406,885	
September	2020	0.29%	\$0	\$1,025,189	\$2,973	\$1,028,162	\$296,634	\$2,703,519	\$7,410	\$2,710,929	
October	2020	0.27%	\$0	\$1,028,162	\$2,776	\$1,030,938	\$296,634	\$3,007,564	\$7,720	\$3,015,284	
November	2020	0.27%	\$0	\$1,030,938	\$2,784	\$1,033,722	\$296,634	\$3,311,918	\$8,542	\$3,320,460	
December	2020	0.27%	\$0	\$1,033,722	\$2,791	\$1,036,513	\$296,634	\$3,617,094	\$9,366	\$3,626,460	
			\$968,178	Subtotal One-Time Adj:		\$1,036,513	\$3,559,613		Subtotal One-Time Adj:		\$3,626,460
Total One-Time Adj with Interest:										\$4,662,972	

One Time Adjustment to Reflect 2019 True Up TRR				
Description	Amount	Weighting Factor	Weighted Amount	Source
Updated TO2018 Model True Up TRR in TO2023	\$1,036,990,439	86.3%	\$894,936,955	TO2023 Annual Update Filing - WP Schedule 3 - One Time Adj-Prior Period, Page 6, Line 46
Revised TO2018 Model True Up TRR in TO2022	\$1,036,022,281	86.3%	\$894,101,421	TO2022 Annual Update Filing - WP Schedule 3 - One Time Adj-Prior Period, Page 21, Line 46
TO2018 Weighted One Time Adjustment:			\$835,534	
Updated TO2021 Model True Up TRR in TO2023	\$1,051,023,552	13.7%	\$143,975,829	TO2023 Annual Update Filing - WP Schedule 3 - One Time Adj-Prior Period, Page 12, Line 46
Revised TO2021 Model True Up TRR in TO2022	\$1,050,055,254	13.7%	\$143,843,185	TO2022 Annual Update Filing - WP Schedule 3 - One Time Adj-Prior Period, Page 27, Line 46
TO2021 Weighted One Time Adjustment:			\$132,644	
Total One Time Adjustment:			\$968,178	

* Variance Includes Adjustment for:

(1) 2019 A&G Jurisdictionalized CPUC BAs and MAs

(2) 2019 A&G adjustment to remove outside counsel cost and court fees related to employment litigation or arbitration matters which should have been excluded.

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	\$8,939,630,709
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$289,044,062
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	\$21,481,205
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$21,290,574
7	Cash Working Capital	1/8 (O&M + A&G)		1-Base TRR Line 7	\$25,205,458
8	Working Capital			Line 5 + Line 6 + Line 7	\$67,977,236
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,839,774,172
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	-\$105,831,142
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$1,945,605,315
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT, Line 15	-\$1,632,853,304
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 12, C2	\$602,185,189
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 7	-\$50,661,305
16	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$192,838,264
17	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
18	Rate Base			L1+L2+L3+L4+L8+L12+ L13+L14+L15+L16+L17	\$6,086,821,164

B) Return on Capital

<u>Line</u>					
19	Cost of Capital Rate		See Instruction 1	Instruction 1, Line j	7.5731%
20	Return on Capital: Rate Base times Cost of Capital Rate			Line 18 * Line 19	\$460,963,205

C) Income Taxes

21	Income Taxes = [((RB * ER) + D) * (CTR/(1 – CTR))] + CO/(1 – CTR)				\$91,516,026
	Where:				
22	RB = Rate Base		Line 18	\$6,086,821,164	
23	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1	Instruction 1, Line k	5.3927%	
24	CTR = Composite Tax Rate		1-Base TRR L 59	27.9836%	
25	CO = Credits and Other		1-Base TRR L 63	-\$27,044,842	
26	D = Book Depreciation of AFUDC Equity Book Basis		1-Base TRR L 65	\$3,917,123	

D) True Up TRR Calculation

27	O&M Expense	1-Base TRR L 66	\$112,781,174
28	A&G Expense	1-Base TRR L 67	\$88,862,487
29	Network Upgrade Interest Expense	1-Base TRR L 68	\$4,075,484
30	Depreciation Expense	1-Base TRR L 69	\$255,157,633
31	Abandoned Plant Amortization Expense	1-Base TRR L 70	\$0
32	Other Taxes	1-Base TRR L 71	\$66,058,181
33	Revenue Credits	1-Base TRR L 72	-\$54,094,032
34	Return on Capital	Line 20	\$460,963,205
35	Income Taxes	Line 21	\$91,516,026
36	Gains and Losses on Transmission Plant Held for Future Use -- Land	1-Base TRR L 75	\$0
37	Amortization and Regulatory Debits/Credits	1-Base TRR L 76	\$0
38	Total without True Up Incentive Adder	Sum Line 27 to Line 37	\$1,025,320,158
39	True Up Incentive Adder	15-IncentiveAdder L 20	\$25,263,751
39a	True Up Incentive Adder Reversal	Negative of Line 39, Note 1	-\$25,263,751
40	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Line 38 + Line 39 + Line 39a	\$1,025,320,158

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

<u>Line</u>		<u>Reference:</u>	
41	True Up TRR wo FF: \$1,025,320,158	Line 40	<div>Change In TO2021 TUTRR \$1,036,990,439</div>
42	Franchise Fee Factor: 0.925%	28-FFU, L 5	
43	Franchise Fee Expense: \$9,482,241	Line 41 * Line 42	
44	Uncollectibles Expense Factor: 0.213%	28-FFU, L 5	<div>\$1,036,022,281</div>
45	Uncollectibles Expense: \$2,188,041	Line 43 * Line 44	
46	True Up TRR: \$1,036,990,439	L 41 + L 43 + L 45	

TO2022 Annual Update - WP Sch3-
One Time Adj Prior Period, Page 21,
Line 46

Schedule 4
True Up TRR
(Revised 2019
TO2018 True Up TRR)

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Attachment 4
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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 19

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

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

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

\$975,371 A&G CPUC BA&MA Adjustment
A&G Outside Counsel & Court Fees
-\$7,212 Adjustment
\$968,158 Total Adjustment

86.3% Weighted Average
\$841,758 A&G CPUC BA&MA Adjustment
A&G Outside Counsel & Court Fees
-\$6,224 Adjustment
\$835,534 Total Weighted Adjustment

					Days ROE	
	<u>Percentage</u>	<u>Reference:</u>	<u>From</u>	<u>To</u>	<u>In Effect</u>	
a	ROE at end of Prior Year	10.30%	See Line e below	Nov 12, 2019	Dec 31, 2019	50
b	ROE start of Prior Year	11.20%	See Line f below	Jan 1, 2019	Nov 11, 2019	315
c				Total days in year:		365
d	Wtd. Avg. ROE in Prior Year	11.08% ((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 of TO2019A (ER19-1553)
f Beginning of Prior Year	169 FERC ¶ 61,177

	<u>Percentage</u>	<u>Reference:</u>
g Wtd. Cost of Long Term Debt	2.1804%	1-Base TRR L 51
h Wtd. Cost of Preferred Stock	0.4170%	1-Base TRR L 52
i Wtd. Cost of Common Stock	4.9757%	1-Base TRR L 47 * Line d
j Cost of Capital Rate	7.5731%	Sum of Lines g to i

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

	<u>Percentage</u>	<u>Reference:</u>
k	5.3927%	Sum of Lines h to i

Notes:

1) True Up TRR Incentive Adder Reversal backs out the revenue requirement associated with any project-specific Incentive Adders (line 39) for True Up Years during the term of the Second Formula Rate. Applicable pursuant to settlement under ER18-169.

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	\$413,850,310	FF1 323.181b	\$126,252,220	\$287,598,090	
2	921	Office Supplies and Expenses	\$250,234,425	FF1 323.182b	\$2,352,484	\$247,881,941	
3	922	A&G Expenses Transferred	-\$225,318,190	FF1 323.183b	-\$77,722,053	-\$147,596,137	Credit
4	923	Outside Services Employed	\$59,887,693	FF1 323.184b	\$9,003,377	\$50,884,316	
5	924	Property Insurance	\$15,607,270	FF1 323.185b	\$0	\$15,607,270	
6	925	Injuries and Damages	\$902,073,996	FF1 323.186b	\$154,247,328	\$747,826,668	
7	926	Employee Pensions and Benefits	\$82,906,034	FF1 323.187b	\$4,180,355	\$78,725,679	
8	927	Franchise Requirements	\$104,335,318	FF1 323.188b	\$104,335,318	\$0	
9	928	Regulatory Commission Expenses	\$11,713,250	FF1 323.189b	\$9,979,028	\$1,734,222	
10	929	Duplicate Charges	\$0	FF1 323.190b	\$0	\$0	
11	930.1	General Advertising Expense	\$11,245,961	FF1 323.191b	\$0	\$11,245,961	
12	930.2	Miscellaneous General Expense	\$14,071,912	FF1 323.192b	\$5,999,239	\$8,072,673	
13	931	Rents	\$8,581,490	FF1 323.193b	\$12,016,813	-\$3,435,323	
14	935	Maintenance of General Plant	\$26,158,179	FF1 323.196b	\$769,628	\$25,388,551	
15			\$1,675,347,648		Total A&G Expenses:	\$1,323,933,911	

		Amount	Source
16	Remaining A&G after exclusions & NOIC Adjustment:	\$1,323,933,911	Line 15
17	Less Account 924:	\$15,607,270	Line 5
18	Amount to apply the Transmission W&S AF:	\$1,308,326,641	Line 16 - Line 17
19	Transmission Wages and Salaries Allocation Factor:	6.5694%	27-Allocators, Line 5
20	Transmission W&S AF Portion of A&G:	\$85,948,898	Line 18 * Line 19
21	Transmission Plant Allocation Factor:	18.6682%	27-Allocators, Line 18
22	Property Insurance portion of A&G:	\$2,913,589	Line 5 Col 4 * Line 21
23	Administrative and General Expenses:	\$88,862,487	Line 20 + Line 22

Changed from \$2,246,627 to -\$7,717,821 because these CPUC MAs are jurisdictionalized MAs.

Changed from \$2,351,967 to \$2,352,484 due to removal of outside counsel court fees related to employment litigation or arbitration matters which should have been excluded.

Changed from \$8,896,642 to \$9,003,377 due to removal of outside counsel cost related to employment litigation or arbitration matters which should have been excluded.

Note 1: Itemization of exclusions

Line	Acct.	Total Amount Excluded (Sum of Col 1 to Col 4)	Col 1	Col 2	Col 3	Col 4	Notes
			Shareholder Exclusions or Other Adjustments	Franchise Requirements	NOIC	PBOPs	
24	920	\$126,252,220	-\$7,717,821		\$133,970,041		See Instructions 2b, 3, and Note 2
25	921	\$2,352,484	\$2,352,484		\$0		
26	922	-\$77,722,053	-\$10,359,096		-\$67,362,957		
27	923	\$9,003,377	\$9,003,377		\$0		Changed from \$4,498,348 to \$0 because this CPUC MA is a jurisdictionalized MA.
28	924	\$0	\$0		\$0		
29	925	\$154,247,328	\$154,247,328		\$0		
30	926	\$4,180,355	\$16,070,355		\$0	-\$11,890,000	See Note 3
31	927	\$104,335,318	\$0	\$104,335,318	\$0	\$0	See Note 4
32	928	\$9,979,028	\$9,979,028		\$0		
33	929	\$0	\$0		\$0		
34	930.1	\$0	\$0		\$0		
35	930.2	\$5,999,239	\$5,999,239		\$0		
36	931	\$12,016,813	\$12,016,813		\$0		Changed from \$811,672 to \$769,628 because this CPUC MA is a jurisdictionalized MA.
37	935	\$769,628	\$769,628		\$0		

Schedule 20
Administrative and General Expenses
(Revised 2019
TO2018 True Up TRR)

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

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

		<u>Amount</u>	<u>Source</u>
a	Accrued NOIC Amount:	\$148,050,456	SCE Records
b	Actual A&G NOIC payout:	\$14,080,415	Note 2, d
c	Adjustment:	\$133,970,041	
Actual non-capitalized NOIC Payouts:			
	<u>Department</u>	<u>Amount</u>	<u>Source</u>
d	A&G	\$14,080,415	SCE Records and Workpapers
e	Other	\$6,519,088	SCE Records and Workpapers
f	Trans. And Dist. Business Unit	\$22,710,658	SCE Records and Workpapers
g	Total:	\$43,310,160	Sum of d to f

Note 3: PBOPs Exclusion Calculation

	<u>Amount</u>	<u>Note:</u>
a	Current Authorized PBOPs Expense Amount: \$6,329,000	See instruction #4
b	Prior Year Authorized PBOPs Expense Amount: \$18,219,000	Authorized PBOPs Expense Amount during Prior Year
c	Prior Year FF1 PBOPs expense: \$6,329,000	SCE Records
d	PBOPs Expense Exclusion: -\$11,890,000	c - b

Note 4:

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

Schedule 20
Administrative and General Expenses
(Revised 2019
TO2018 True Up TRR)

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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 or fines.
 - 4) Any amount of costs recovered 100% through California Public Utilities Commission ("CPUC") rates.
- 3) NOIC adjustment in Column 3, Line 24 is made by determining the difference between the total accrued NOIC amount included in the FERC Form 1 recorded cost amounts and the actual A&G NOIC payout (see note 2). NOIC adjustment in column 3, Line 26 is made by entering the amount of accrued NOIC that is capitalized.
- 4) Determine the PBOPs exclusion. The authorized amount of PBOPs expense (line a) may only be revised pursuant to Commission acceptance of an SCE FPA Section 205 filing to revise the authorized PBOPs expense, in accordance with the tariff protocols. Accordingly, any amount different than the authorized PBOPs expense during the Prior Year is excluded from account 926 (see note 3). Docket or Decision approving authorized PBOPs amount:
- 5) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 20.

ER20-1382

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	\$8,939,630,709
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$288,986,135
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	\$21,476,900
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$21,286,307
7	Cash Working Capital	1/8 (O&M + A&G)		1-Base TRR Line 7	<u>\$24,806,972</u>
8	Working Capital			Line 5 + Line 6 + Line 7	\$67,570,179
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,839,774,172
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>-\$105,809,933</u>
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$1,945,584,105
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT-1, Line 15	-\$1,632,145,855
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 13, C2	\$602,185,189
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 7	-\$50,661,305
16	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$192,258,246
17	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
18	Rate Base			L1+L2+L3+L4+L8+L12+ L13+L14+L15+L16+L17	<u>\$6,087,664,857</u>

B) Return on Capital

Line					
19	Cost of Capital Rate		See Instruction 1	Instruction 1, Line j	7.7412%
20	Return on Capital: Rate Base times Cost of Capital Rate			Line 18 * Line 19	<u>\$471,256,570</u>

C) Income Taxes

21	Income Taxes = [((RB * ER) + D) * (CTR/(1 – CTR))] + CO/(1 – CTR)				\$98,292,667
	Where:				
22	RB = Rate Base		Line 18	\$6,087,664,857	
23	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1	Instruction 1, Line k	5.6785%	
24	CTR = Composite Tax Rate		1-Base TRR L 59	27.9836%	
25	CO = Credits and Other		1-Base TRR L 63	-\$27,044,842	
26	D = Book Depreciation of AFUDC Equity Book Basis		1-Base TRR L 65	\$3,917,123	

Schedule 4
True Up TRR
(Revised 2019
TO2021 True Up TRR)

TO2023 Annual Update
Attachment 4
WP-Schedule 3-One Time Adj Prior Period
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D) True Up TRR Calculation

27	O&M Expense	1-Base TRR L 66	\$110,879,588
28	A&G Expense	1-Base TRR L 67	\$87,576,188
29	Network Upgrade Interest Expense	1-Base TRR L 68	\$4,075,484
30	Depreciation Expense	1-Base TRR L 69	\$255,151,988
31	Abandoned Plant Amortization Expense	1-Base TRR L 70	\$0
32	Other Taxes	1-Base TRR L 71	\$66,056,889
33	Revenue Credits	1-Base TRR L 72	-\$54,094,032
34	Return on Capital	Line 20	\$471,256,570
35	Income Taxes	Line 21	\$98,292,667
36	Gains and Losses on Transmission Plant Held for Future Use -- Land	1-Base TRR L 75	\$0
37	Amortization and Regulatory Debits/Credits	1-Base TRR L 76	\$0
38	Total without True Up Incentive Adder	Sum Line 27 to Line 37	\$1,039,195,341
39	True Up Incentive Adder	15-IncentiveAdder L 20	\$26,714,526
39a	True Up Incentive Adder Reversal	Negative of Line 39, Note 1	-\$26,714,526
40	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Sum of Lines 38 to 39a	\$1,039,195,341

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

<u>Line</u>		<u>Reference:</u>	
41	True Up TRR wo FF: \$1,039,195,341	Line 40	
42	Franchise Fee Factor: 0.925%	28-FFU, L 5	
43	Franchise Fee Expense: \$9,610,559	Line 41 * Line 42	
44	Uncollectibles Expense Factor: 0.213%	28-FFU, L 5	
45	Uncollectibles Expense: \$2,217,651	Line 41 * Line 44	
46	True Up TRR: \$1,051,023,552	L 41 + L 43 + L 45	

Change In
TO2021 TUTRR
\$1,051,023,552
<u>\$1,050,055,254</u>
\$968,298

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Time Adj Prior Period, Page 27, Line 46

Schedule 4
True Up TRR
(Revised 2019
TO2021 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 19

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

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

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

A&G CPUC BA & MA
\$975,511 Adjustment
A&G Outside Counsel
-\$7,213 & Court Fees
\$968,298 Total Adjustment

13.7% Weighted Average
\$133,632 A&G CPUC BA & MA Ac
A&G Outside Counsel
-\$988 & Court Fees
\$132,644 Total Adjustment

	<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	10.30%	See Line e below	Nov 12, 2019	Dec 31, 2019	50	
b ROE start of Prior Year	11.20%	See Line f below	Jan 1, 2019	Nov 11, 2019	315	
c			Total days in year:			365
d Wtd. Avg. ROE in Prior Year	11.08% ((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 of TO2019A (ER19-1553)
f Beginning of Prior Year	169 FERC ¶ 61,177

	<u>Percentage</u>	<u>Reference:</u>
g Wtd. Cost of Long Term Debt	2.0627%	1-Base TRR L 51
h Wtd. Cost of Preferred Stock	0.4170%	1-Base TRR L 52
i Wtd. Cost of Common Stock	5.2614%	1-Base TRR L 47 * Line d
j Cost of Capital Rate	7.7412%	Sum of Lines g to i

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

	<u>Percentage</u>	<u>Reference:</u>
k	5.6785%	Sum of Lines h to i

Notes:

1) True Up TRR Incentive Adder Reversal backs out the revenue requirement associated with any project-specific Incentive Adders (Line 39) for True Up Years during the term of the settlement of ER19-1553.

Schedule 20
Administrative and General Expenses
(Revised 2019
TO2021 True Up TRR)

TO2023 Annual Update
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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	\$413,850,310	FF1 323.181b	\$130,478,540	\$283,371,770	
2	921	Office Supplies and Expenses	\$250,234,425	FF1 323.182b	\$2,352,484	\$247,881,941	
3	922	A&G Expenses Transferred	-\$225,318,190	FF1 323.183b	-\$77,722,053	-\$147,596,137	Credit
4	923	Outside Services Employed	\$59,887,693	FF1 323.184b	\$8,991,127	\$50,896,566	
5	924	Property Insurance	\$15,607,270	FF1 323.185b	\$0	\$15,607,270	
6	925	Injuries and Damages	\$902,073,996	FF1 323.186b	\$170,732,328	\$731,341,668	
7	926	Employee Pensions and Benefits	\$82,906,034	FF1 323.187b	\$2,802,914	\$80,103,120	
8	927	Franchise Requirements	\$104,335,318	FF1 323.188b	\$104,335,318	\$0	
9	928	Regulatory Commission Expenses	\$11,713,250	FF1 323.189b	\$9,979,028	\$1,734,222	
10	929	Duplicate Charges	\$0	FF1 323.190b	\$0	\$0	
11	930.1	General Advertising Expense	\$11,245,961	FF1 323.191b	\$0	\$11,245,961	
12	930.2	Miscellaneous General Expense	\$14,071,912	FF1 323.192b	\$5,999,239	\$8,072,673	
13	931	Rents	\$8,581,490	FF1 323.193b	\$12,016,813	-\$3,435,323	
14	935	Maintenance of General Plant	\$26,158,179	FF1 323.196b	\$769,628	\$25,388,551	
15			\$1,675,347,648		Total A&G Expenses:	\$1,304,612,283	

Changed from -\$2,940,102 to -\$12,904,549 because these CPUC MAs are jurisdictionalized MAs.

	Amount	Source
16 Remaining A&G after exclusions & NOIC Adjustment:	\$1,304,612,283	Line 15
17 Less Account 924:	\$15,607,270	Line 5
18 Amount to apply the Transmission W&S AF:	\$1,289,005,013	Line 16 - Line 17
19 Transmission Wages and Salaries Allocation Factor:	6.5681%	27-Allocators, Line 9
20 Transmission W&S AF Portion of A&G:	\$84,662,617	Line 18 * Line 19
21 Transmission Plant Allocation Factor:	18.6680%	27-Allocators, Line 22
22 Property Insurance portion of A&G:	\$2,913,571	Line 5 Col 4 * Line 21
23 Administrative and General Expenses:	\$87,576,188	Line 20 + Line 22

Changed from \$2,351,967 to \$2,352,484 due to removal of outside counsel court fees related to employment litigation or arbitration matters which should have been excluded.

Note 1: Itemization of exclusions

Workpaper: WP Schedule 20 A&G

		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	\$130,478,540	-\$12,904,549	\$143,383,089		See Instructions 2b, 3, and Note 2
25	921	\$2,352,484	\$2,352,484	\$0		
26	922	-\$77,722,053	-\$10,359,096	-\$67,362,957		Changed from \$4,498,348 to \$0 because this CPUC MA is a jurisdictionalized MA.
27	923	\$8,991,127	\$8,991,127	\$0		
28	924	\$0	\$0	\$0		
29	925	\$170,732,328	\$170,732,328	\$0		See Instruction 6
30	926	\$2,802,914	\$14,692,914	\$0	-\$11,890,000	See Note 3
31	927	\$104,335,318	\$0	\$104,335,318	\$0	See Note 4
32	928	\$9,979,028	\$9,979,028	\$0		
33	929	\$0	\$0	\$0		
34	930.1	\$0	\$0	\$0		
35	930.2	\$5,999,239	\$5,999,239	\$0		
36	931	\$12,016,813	\$12,016,813	\$0		Changed from \$811,672 to \$769,628 because this CPUC MA is a jurisdictionalized MA.
37	935	\$769,628	\$769,628	\$0		

Changed from \$8,884,392 to \$8,991,127 due to removal of outside counsel cost related to employment litigation or arbitration matters which should have been excluded.

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

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

Workpaper: WP Schedule 20 A&G		<u>Amount</u>	<u>Source</u>
a	Accrued NOIC Amount:	\$148,050,456	SCE Records
b	Actual A&G NOIC payout:	\$4,667,367	Note 2, d
c	Adjustment:	\$143,383,089	
Actual non-capitalized NOIC Payouts:			
	<u>Department</u>	<u>Amount</u>	<u>Source</u>
d	A&G	\$4,667,367	SCE Records and Workpapers
e	Other	\$2,525,320	SCE Records and Workpapers
f	Trans. And Dist. Business Unit	\$4,239,356	SCE Records and Workpapers
g	Total:	\$11,432,043	Sum of d to f

Note 3: PBOPs Exclusion Calculation

	<u>Amount</u>	<u>Note:</u>
a	Current Authorized PBOPs Expense Amount: \$6,329,000	See instruction #4
b	Prior Year Authorized PBOPs Expense Amount: \$18,219,000	Authorized PBOPs Expense Amount during Prior Year
c	Prior Year FF1 PBOPs expense: \$6,329,000	SCE Records
d	PBOPs Expense Exclusion: -\$11,890,000	c - b

Note 4:

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

Schedule 20
Administrative and General Expenses
(Revised 2019
TO2021 True Up TRR)

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Attachment 4
WP-Schedule 3-One Time Adj Prior Period
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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.
- 6) Any A&G costs associated with wildfires other than the 2017/18 Wildfire/Mudslide Events shall be reflected in A&G accounts on a cash basis during the year in which associated cash payments are made. In the event an initial cost accrual is made in a year to one or more A&G accounts 920-935, SCE shall exclude from A&G cost recovery any amount not paid in cash during that year through an entry to Column 1, Lines 24-37 of the "Itemization of Exclusions" matrix to the account in which the initial expense accrual was made. As cash payments related to the initial expense accrual are made in future years, SCE shall also include those expenses in A&G cost recovery on a cash basis through an entry to the Itemization of Exclusions matrix.

One Time Adjustment for Revised 2020 True Up TRR		
Description	Amount	Source
Revised TO2022 True Up TRR in TO2023 Annual Update Filing	1,237,122,831	TO2023 Annual Filing - WP Schedule 3 - One Time Adj-Prior Period, Page 19, Line 46
TO2022 True Up TRR in TO2022	1,233,563,218	TO2022 Annual Update Filing - Attachment 1, Sch4, Line 46
Variance*	3,559,613	

* Variance Includes Adjustment for:

- (1) 2020 A&G Jurisdictionalized CPUC BAs and MAs
- (2) 2020 A&G adjustment to remove outside counsel cost and court fees related to employment litigation or arbitration matters which should have been excluded.
- (3) 2020 Revenue Credits GRSM Passive Income Indicator Adjustment
- (4) 2020 Uncollectibles Expense Factor Adjustment

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	\$9,465,884,220
2	General + Elec. Misc. Intangible Plant	BOY/EOY Avg.		6-PlantInService, Line 24	\$332,996,257
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	\$26,347,686
6	Prepayments	13-Month Avg.		13-WorkCap, Line 33	\$17,295,289
7	Cash Working Capital	1/8 (O&M + A&G)		1-Base TRR Line 7	<u>\$38,005,257</u>
8	Working Capital			Line 5 + Line 6 + Line 7	\$81,648,232
<u>Accumulated Depreciation Reserve Amounts</u>					
9	Transmission Depreciation Reserve - ISO	13-Month Avg.	Negative amount	8-AccDep, Line 14, Col. 12	-\$1,985,745,438
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>-\$123,470,472</u>
12	Accumulated Depreciation Reserve			Line 9 + Line 10 + Line 11	-\$2,109,215,910
13	Accumulated Deferred Income Taxes	BOY/EOY Avg.		9-ADIT-1, Line 15	-\$1,575,979,469
14	CWIP Plant	13-Month Avg.		14-IncentivePlant, L 13, C2	\$792,332,585
15	Network Upgrade Credits	BOY/EOY Avg.	Negative amount	22-NUCs, Line 7	-\$27,970,500
16	Unfunded Reserves			34-UnfundedReserves, Line 7	-\$241,192,829
17	Other Regulatory Assets/Liabilities	BOY/EOY Avg.		23-RegAssets, Line 15	\$0
18	Rate Base			L1+L2+L3+L4+L8+L12+L13+L14+L15+L16+L17	\$6,728,444,742

B) Return on Capital

<u>Line</u>					
19	Cost of Capital Rate		See Instruction 1	Instruction 1, Line j	7.3080%
20	Return on Capital: Rate Base times Cost of Capital Rate			Line 18 * Line 19	\$491,711,951

C) Income Taxes

21	Income Taxes = [(((RB * ER) + D) * (CTR/(1 – CTR))) + CO/(1 – CTR)]				\$115,795,801
	Where:				
22	RB = Rate Base		Line 18	\$6,728,444,742	
23	ER = Equity ROR inc. Com. and Pref. Stock	Instruction 1	Instruction 1, Line k	5.2391%	
24	CTR = Composite Tax Rate		1-Base TRR L 59	27.9836%	
25	CO = Credits and Other		1-Base TRR L 63	-\$16,481,293	
26	D = Book Depreciation of AFUDC Equity Book Basis		1-Base TRR L 65	\$4,388,079	

Schedule 4
True Up TRR
(Revised 2020 True Up TRR)

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WP-Schedule 3-One Time Adj Prior Period
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D) True Up TRR Calculation

27	O&M Expense	1-Base TRR L 66	\$126,658,024
28	A&G Expense	1-Base TRR L 67	\$177,384,031
29	Network Upgrade Interest Expense	1-Base TRR L 68	\$2,371,003
30	Depreciation Expense	1-Base TRR L 69	\$274,400,278
31	Abandoned Plant Amortization Expense	1-Base TRR L 70	\$0
32	Other Taxes	1-Base TRR L 71	\$71,871,386
33	Revenue Credits	1-Base TRR L 72	-\$48,068,461
34	Return on Capital	Line 20	\$491,711,951
35	Income Taxes	Line 21	\$115,795,801
36	Gains and Losses on Transmission Plant Held for Future Use -- Land	1-Base TRR L 75	\$0
37	Amortization and Regulatory Debits/Credits	1-Base TRR L 76	\$0
38	Total without True Up Incentive Adder	Sum Line 27 to Line 37	\$1,212,124,013
39	True Up Incentive Adder	15-IncentiveAdder L 20	\$25,971,820
39a	True Up Incentive Adder Reversal	Negative of Line 39, Note 1	-\$25,971,820
40	True Up TRR without Franchise Fees and Uncollectibles Expense included:	Sum of Lines 38 to 39a	\$1,212,124,013

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

Line		Reference:	
41	True Up TRR wo FF: \$1,212,124,013	Line 40	<div style="border: 2px solid red; padding: 5px; text-align: center;"> Change In TO2022 TUTRR \$1,237,122,831 </div>
42	Franchise Fee Factor: 0.925%	28-FFU, L 5	
43	Franchise Fee Expense: \$11,209,817	Line 41 * Line 42	
44	Uncollectibles Expense Factor: 1.138%	28-FFU, L 5	<div style="border: 2px solid red; padding: 5px; text-align: center;"> \$1,233,563,218 \$3,559,613 </div>
45	Uncollectibles Expense: \$13,789,000	Line 41 * Line 44	
46	True Up TRR: \$1,237,122,831	L 41 + L 43 + L 45	

TO2022 Annual Update -
Attachment 1, Sch4, Line 46

Schedule 4
True Up TRR
(Revised 2020 True Up TRR)

Instructions:

1) Use weighted average (by time) of the Return on Equity in effect during the Prior Year in determining the "Cost of Capital Rate" on Line 19

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

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

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

					Days ROE	
		<u>Percentage</u>	<u>Reference:</u>	<u>From</u>	<u>To</u>	<u>In Effect</u>
a	ROE at end of Prior Year	10.30%	See Line e below	Jan 1, 2020	Dec 31, 2020	365
b	ROE start of Prior Year		See Line f below			
c				Total days in year:		365
d	Wtd. Avg. ROE in Prior Year	10.30%	((Line a ROE * Line a days) + (Line b ROE * Line b days)) / Total Days in Year			

Commission Decisions approving ROE:

	Reference:
e End of Prior Year	Settlement of TO2019A (ER19-1553)
f Beginning of Prior Year	169 FERC ¶ 61,177

	Percentage	Reference:
g Wtd. Cost of Long Term Debt	2.0688%	1-Base TRR L 51
h Wtd. Cost of Preferred Stock	0.3466%	1-Base TRR L 52
i Wtd. Cost of Common Stock	4.8925%	1-Base TRR L 47 * Line d
j Cost of Capital Rate	7.3080%	Sum of Lines g to i

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

	Percentage	Reference:
k	5.2391%	Sum of Lines h to i

Notes:

1) True Up TRR Incentive Adder Reversal backs out the revenue requirement associated with any project-specific Incentive Adders (Line 39) for True Up Years during the term of the settlement of ER19-1553.

\$3,605,738 A&G CPUC BA & MA Adjustment
A&G Outside Counsel & Court fee
-\$5,031 Adjustment
Revenue Credits GRSM Passive Income
-\$855 Indicator Adjustment
-\$40,240 Uncollectibles Expense Factor Adjustment
\$3,559,613 Total Retroactive Adjustment

Calculation of Administrative and General Expense

Inputs are shaded yellow					
	Col 1	Col 2	Col 3	Col 4	
	FERC Form 1	Data	See Note 1		
Line	Acct.	Description	Amount	Source	Total Amount Excluded A&G Expense Notes
1	920	A&G Salaries	\$512,818,190	FF1 323.181b	\$228,036,742 \$284,781,448
2	921	Office Supplies and Expenses	\$259,355,778	FF1 323.182b	\$274,716 \$259,081,062
3	922	A&G Expenses Transferred	-\$223,403,958	FF1 323.183b	-\$110,501,927 -\$112,902,031 Credit
4	923	Outside Services Employed	\$49,255,741	FF1 323.184b	\$2,925,374 \$46,330,367
5	924	Property Insurance	\$20,441,370	FF1 323.185b	\$0 \$20,441,370
6	925	Injuries and Damages	\$2,255,479,067	FF1 323.186b	\$366,619,886 \$1,888,859,181
7	926	Employee Pensions and Benefits	\$78,787,907	FF1 323.187b	\$8,094,298 \$70,693,609
8	927	Franchise Requirements	\$113,495,974	FF1 323.188b	\$113,495,974 \$0
9	928	Regulatory Commission Expenses	\$11,842,729	FF1 323.189b	\$10,887,497 \$955,232
10	929	Duplicate Charges	\$0	FF1 323.190b	\$0 \$0
11	930.1	General Advertising Expense	\$14,923,247	FF1 323.191b	\$0 \$14,923,247 Changed from \$43,427,227 to \$5,732,204 due to jurisdictionalized CPUC BAs and MAs.
12	930.2	Miscellaneous General Expense	\$38,904,934	FF1 323.192b	\$36,338,171 \$2,566,763
13	931	Rents	\$9,432,312	FF1 323.193b	\$0 \$9,432,312
14	935	Maintenance of General Plant	\$22,574,402	FF1 323.196b	\$536,098 \$22,038,304
15			\$3,163,907,693	Total A&G Expenses:	\$2,507,200,864 Changed from \$274,499 to \$274,716 due to removal of outside counsel court fees related to employment litigation or arbitration matters which should have been excluded.
16		Remaining A&G after exclusions & NOIC Adjustment:	\$2,507,200,864	Line 15	
17		Less Account 924:	\$20,441,370	Line 5	
18		Amount to apply the Transmission W&S AF:	\$2,486,759,494	Line 16 - Line 17	
19		Transmission Wages and Salaries Allocation Factor:	6.9823%	27-Allocators, Line 9	Changed from \$7,163,432 to \$2,855,816 due to jurisdictionalized CPUC BAs and MAs.
20		Transmission W&S AF Portion of A&G:	\$173,632,029	Line 18 * Line 19	Changed from \$2,855,816 to \$2,925,374 due to removal of outside counsel cost related to employment litigation or arbitration matters which should have been excluded.
21		Transmission Plant Allocation Factor:	18.3549%	27-Allocators, Line 22	
22		Property Insurance portion of A&G:	\$3,752,001	Line 5 Col 4 * Line 21	
23		Administrative and General Expenses:	\$177,384,031	Line 20 + Line 22	

Note 1: Itemization of exclusions

Workpaper: WP Schedule 20

	Col 1	Col 2	Col 3	Col 4	
	Shareholder Exclusions or Other Adjustments	Franchise Requirements	NOIC	PBOPs	
Acct.	Total Amount Excluded (Sum of Col 1 to Col 4)				Notes
24	920	\$228,036,742	\$5,732,204	\$222,304,538	See Instructions 2b, 3, and Note 2
25	921	\$274,716	\$274,716	\$0	
26	922	-\$110,501,927	-\$11,947,058	-\$98,554,869	Changed from \$15,930,026 to \$14,423,298 due to jurisdictionalized CPUC BAs and MAs.
27	923	\$2,925,374	\$2,925,374	\$0	
28	924	\$0	\$0	\$0	
29	925	\$366,619,886	\$366,619,886	\$0	See Instruction 6
30	926	\$8,094,298	\$14,423,298	\$0	See Note 3
31	927	\$113,495,974	\$0	\$113,495,974	See Note 4
32	928	\$10,887,497	\$10,887,497	\$0	Changed from \$7,813,090 to \$0 due to jurisdictionalized CPUC BAs and MAs.
33	929	\$0	\$0	\$0	
34	930.1	\$0	\$0	\$0	
35	930.2	\$36,338,171	\$36,338,171	\$0	
36	931	\$0	\$0	\$0	Changed from \$1,049,723 to \$536,098 due to jurisdictionalized CPUC BAs and MAs.
37	935	\$536,098	\$536,098	\$0	

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

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

Workpaper: WP Schedule 20		<u>Amount</u>	<u>Source</u>
a	Accrued NOIC Amount:	\$216,604,107	SCE Records
b	Actual A&G NOIC payout:	-\$5,700,430	Note 2, d
c	Adjustment:	\$222,304,538	
Actual non-capitalized NOIC Payouts:			
	<u>Department</u>	<u>Amount</u>	<u>Source</u>
d	A&G	-\$5,700,430	SCE Records and Workpapers
e	Other	-\$2,569,165	SCE Records and Workpapers
f	Trans. And Dist. Business Unit	-\$9,126,424	SCE Records and Workpapers
g	Total:	-\$17,396,019	Sum of d to f

Note 3: PBOPs Exclusion Calculation

	<u>Amount</u>	<u>Note:</u>
a	Current Authorized PBOPs Expense Amount:	\$0 See instruction #4
b	Prior Year Authorized PBOPs Expense Amount:	\$6,329,000 Authorized PBOPs Expense Amount during Prior Year
c	Prior Year FF1 PBOPs expense:	\$0 SCE Records
d	PBOPs Expense Exclusion:	-\$6,329,000 c - b

Note 4:

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

Schedule 20
Administrative and General Expenses
(Revised 2020 True Up TRR)

TO2023 Annual Update
Attachment 4
WP-Schedule 3-One Time Adj Prior Period
Page 23 of 28

Instructions:

- 1) Enter amounts of A&G expenses from FERC Form 1 in Lines 1 to 14.
- 2) Fill out "Itemization of Exclusions" table for all input cells. NOIC amount in Column 3, Line 24 is calculated in Note 2. The PBOPs exclusion in Column 4, Line 30 is calculated in Note 3.
 - a) Exclude amount of any Shareholder Adjustments, costs incurred on behalf of SCE shareholders, from relevant account in Column 1.
 - b) Include as an adjustment in Column 1 for Account 920 any amount excluded from Accounts 569.100, 569.200, and 569.300 in Schedule 19 (OandM) related to Order 668 costs transferred.
 - c) Exclude entire amount of account 927 "Franchise Requirements" in Column 2, as those costs are recovered through the Franchise Fees Expense item.
 - d) Exclude any amount of Account 930.1 "General Advertising Expense" not related to advertising for safety, siting, or informational purposes in column 1.
 - e) Exclude any amount of expense relating to secondary land use and audit expenses not directly benefitting utility customers.
 - f) Exclude from account 930.2:
 - 1) Nuclear Power Research Expenses.
 - 2) Write Off of Abandoned Project Expenses.
 - 3) Any advertising expenses within the Consultants/Professional Services category.
 - g) Exclude the following costs included in any account 920-935:
 - 1) Any amount of "Provision for Doubtful Accounts" costs.
 - 2) Any amount of "Accounting Suspense" costs.
 - 3) Any penalties or fines.
 - 4) Any amount of costs recovered 100% through California Public Utilities Commission ("CPUC") rates.
- 3) NOIC adjustment in Column 3, Line 24 is made by determining the difference between the total accrued NOIC amount included in the FERC Form 1 recorded cost amounts and the actual A&G NOIC payout (see note 2). NOIC adjustment in column 3, Line 26 is made by entering the amount of accrued NOIC that is capitalized.
- 4) Determine the PBOPs exclusion. The authorized amount of PBOPs expense (line a) may only be revised pursuant to Commission acceptance of an SCE FPA Section 205 filing to revise the authorized PBOPs expense, in accordance with the tariff protocols. Accordingly, any amount different than the authorized PBOPs expense during the Prior Year is excluded from account 926 (see note 3). Docket or Decision approving authorized PBOPs amount: **Docket No. ER21-1521**
- 5) SCE shall make no adjustments to recorded labor amounts related to non-labor labor and/or Indirect labor in Schedule 20.
- 6) Any A&G costs associated with wildfires other than the 2017/18 Wildfire/Mudslide Events shall be reflected in A&G accounts on a cash basis during the year in which associated cash payments are made. In the event an initial cost accrual is made in a year to one or more A&G accounts 920-935, SCE shall exclude from A&G cost recovery any amount not paid in cash during that year through an entry to Column 1, Lines 24-37 of the "Itemization of Exclusions" matrix to the account in which the initial expense accrual was made. As cash payments related to the initial expense accrual are made in future years, SCE shall also include those expenses in A&G cost recovery on a cash basis through an entry to the Itemization of Exclusions matrix.

	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.	3,190,630	Traditional OOR	3,190,630	0	3,190,630	0			0	0	1
1b	450	4191115	Residential Late Payment	2,855,718	Traditional OOR	2,855,718	0	2,855,718	0			0	0	1
2	450 Total			6,046,348		6,046,348	0	6,046,348	0		0	0	0	
3	FF-1 Total for Acct 450 - Forfeited Discounts, p300.16b (Must Equal Line 2)			6,046,348										
4a	451	4182110	Recover Unauthorized Use/Non-Energy	85,686	Traditional OOR	85,686	0	85,686	0			0	0	1
4b	451	4182115	Miscellaneous Service Revenue - Ownership Cost	421,827	Traditional OOR	421,827	0	421,827	0			0	0	1
4c	451	4192110	Miscellaneous Service Revenues		Traditional OOR	0	0	0	0			0	0	1
4d	451	4192115	Returned Check Charges	1,213,296	Traditional OOR	1,213,296	0	1,213,296	0			0	0	1
4e	451	4192125	Service Reconnection Charges	1,988	Traditional OOR	1,988	0	1,988	0			0	0	1
4f	451	4192130	Service Establishment Charge	1,266	Traditional OOR	1,266	0	1,266	0			0	0	1
4g	451	4192140	Field Collection Charges		Traditional OOR	0	0	0	0			0	0	1
4h	451	4192510	Quickcheck Revenue	-35	GRSM	0	0	0	-35	P		-35	0	2
4i	451	4192910	PUC Reimbursement Fee-Elect	655,977	Other Ratemaking	0	0	0	0			0	655,977	6
4j	451	4182120	Uneconomic Line Extension		Traditional OOR	0	0	0	0			0	0	1
4k	451	4192152	Opt Out CARE-Res-Ini	1,580	Other Ratemaking	0	0	0	0			0	1,580	1
4l	451	4192155	Opt Out CARE-Res-Mo	36,120	Other Ratemaking	0	0	0	0			0	36,120	1
4m	451	4192158	Opt Out NonCARE-Res-Ini	37,275	Other Ratemaking	0	0	0	0			0	37,275	1
4n	451	4192160	Opt Out NonCARE-Res-Mo	197,880	Other Ratemaking	0	0	0	0			0	197,880	1
4o	451	4192135	Conn-Charge - Residential	4,053,694	Traditional OOR	4,053,694	0	4,053,694	0			0	0	1
4p	451	4192145	Conn-Charge - Non-Residential	1,833,462	Traditional OOR	1,833,462	0	1,833,462	0			0	0	1
4q	451	4192150	Conn-Charge - At Pole	13,661	Traditional OOR	13,661	0	13,661	0			0	0	1
4r	451	4184515	NEM 2.0	3,946,075	Traditional OOR	3,946,075	0	3,946,075	0			0	0	1
4s	451	4186927	AR Service Guarantee	-562,410	Traditional OOR	-562,410	0	-562,410	0			0	0	1
4t	451	4184533	Rule 21 Fast Track Application Fee	84,800	Traditional OOR	84,800	0	84,800	0			0	0	1
4u	451	4184531	WDAT Pre Application Fee	9,300	Traditional OOR	9,300	0	9,300	0			0	0	1
4v	451	4184532	Rule 21 Pre Application Fee	13,150	Traditional OOR	13,150	0	13,150	0			0	0	1
4w	451	4184534	WDAT Fast Track Application Fee	9,000	Traditional OOR	9,000	0	9,000	0			0	0	1
4x	451	4184535	Rule 21 Supplemental Rewview Fee	45,000	Traditional OOR	45,000	0	45,000	0			0	0	1
5	451 Total			12,098,591		11,169,794	0	11,169,794	-35		0	-35	928,832	
6	FF-1 Total for Acct 451 - Misc. Service Revenues, p300.17b (Must Equal Line 5)			12,098,591										
7a	453	4183120	APS Palo Verde Water Sales	566,610	GRSM	0	0	0	566,610	P	0	566,610	0	2
7b	453	4183110	Sales of Water & Water Power - San Joaquin	1,041,629	Traditional OOR	1,041,629	0	1,041,629	0			0	0	1
8	453 Total			1,608,238		1,041,629	0	1,041,629	566,610		0	566,610	0	
9	FF-1 Total for Acct 453 - Sales of Water and Power, p300.18b (Must Equal Line 8)			1,608,238										
10a	454	4184110	Joint Pole - Tariffed Conduit Rental	806,917	Traditional OOR	806,917	0	806,917	0			0	0	4
10b	454	4184112	Joint Pole - Tariffed Pole Rental - Cable Cos.	6,509,736	Traditional OOR	6,509,736	0	6,509,736	0			0	0	4
10c	454	4184114	Joint Pole - Tariffed Process & Eng Fees - Cable	1,293,120	Traditional OOR	1,293,120	0	1,293,120	0			0	0	4
10d	454	4184120	Joint Pole - Aud - Unauth Penalty	1,763,500	Traditional OOR	1,763,500	0	1,763,500	0			0	0	4
10e	454	4184510	Joint Pole - Non-Tariffed Pole Rental	282,235	GRSM	0	0	0	282,235	P	59,680	222,555	0	2
10f	454	4184512	Joint Pole - Non-Tariff Process & Engineering Fees	44,613	GRSM	0	0	0	44,613	P	14,555	30,058	0	2
10g	454	4184514	Joint Pole - Non-Tariff Requests for Information		GRSM	0	0	0	0	P		0	0	2
10h	454	4184516	Oil And Gas Royalties	8,328	GRSM	0	0	0	8,328	P	2,289	6,040	0	2
10i	454	4184518	Def Operating Land & Facilities Rent Rev	-480,843	Traditional OOR	(480,843)	0	(480,843)	0			0	0	4
10j	454	4184810	Facility Cost -EIX/Nonutility	47,505	Other Ratemaking	2,893	2,893	0	0			0	44,612	6, 12
10k	454	4184815	Facility Cost- Utility		Traditional OOR	0	0	0	0			0	0	7
10l	454	4184820	Rent Billed to Non-Utility Affiliates	1,340,461	Other Ratemaking	81,634	81,634	0	0	Changed from blank to P due to inadvertent error		0	1,258,827	6, 12
10m	454	4184825	Rent Billed to Utility Affiliates		Traditional OOR	0	0	0	0			0	0	7
10n	454	4194110	Meter Leasing Revenue		Traditional OOR	0	0	0	0			0	0	1
10o	454	4194115	Company Financed Added Facilities	11,396,045	Traditional OOR	11,396,045	0	11,396,045	0			0	0	4
10p	454	4194120	Company Financed Interconnect Facilities	532,167	Traditional OOR	532,167	0	532,167	0			0	0	4
10q	454	4194130	SCE Financed Added Facilty	19,497,021	Traditional OOR	19,497,021	0	19,497,021	0			0	0	4
10r	454	4194135	Interconnect Facility Finance Charge	11,003,380	Traditional OOR	11,003,380	2,866,541	8,136,839	0			0	0	8
10s	454	4204515	Operating Land & Facilities Rent Revenue	22,769,303	GRSM	0	0	0	22,769,303	P	4,546,792	18,222,511	0	2
10t	454	4867020	Nonoperating Misc Land & Facilities Rent		Traditional OOR	0	0	0	0			0	0	4
10u	454	-	Miscellaneous Adjustments		Traditional OOR	0	0	0	0			0	0	1
10v	454	4206515	Op Misc Land/Fac Rev	1,552,731	GRSM	0	0	0	1,552,731	P	1,147,071	405,660	0	2
10w	454	4184122	T-Unauth Pole Rent		Traditional OOR	0	0	0	0			0	0	4
10x	454	4184124	T-P&E Fees	81,402	Traditional OOR	81,402	0	81,402	0			0	0	4
10y	454	4184821	Rent Rev NU-NonBRRBA	86,928	Other Ratemaking	5,294	5,294	0	0			0	81,634	6, 12
10z	454	4184811	Fac Cost N/U-BRRBA	732,373	Other Ratemaking	44,601	44,601	0	0			0	687,771	6, 12
10aa	454	4184515	NEM 2.0		Other Ratemaking	0	0	0	0			0	0	6
10bb	454	4184126	Joint Pole - Tarriffed - PA Inspect	1,675,736	Traditional OOR	1,675,736	0	1,675,736	0			0	0	4
10cc	454	4184526	Joint Pole - Non-Tariff PA Inspect	10,440	GRSM	0	0	0	10,440	P	1,862	8,578	0	2
10dd	454	4197020	Non-606 Def Operating Land & Fac Rent Rev-Pass	31,296	Traditional OOR	31,296	0	31,296	0			0	0	4
10ee	454	6120090	Nonoperating Land & Facilities Rent Expense	(14,105)	Traditional OOR	(14,105)	0	(14,105)	0			0	0	4
11	454 Total			80,970,289		54,229,794	3,000,963	51,228,830	24,667,651		5,772,248	18,895,403	2,072,844	
12	FF-1 Total for Acct 454 - Rent from Elec. Property, p300.19b (Must Equal Line 11)			80,970,289										

	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
12a	456	4186114	Energy Related Services	2,642,322	Traditional OOR	2,642,322	0	2,642,322	0			0	0	1
12b	456	4186118	Distribution Miscellaneous Electric Revenues		Traditional OOR	0	0	0	0			0	0	4
12c	456	4186120	Added Facilities - One Time Charge	1,231,471	Traditional OOR	1,231,471	0	1,231,471	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		Traditional OOR	0	0	0	0			0	0	1
12f	456	4186128	Miscellaneous Revenues	1,636,309	Traditional OOR	1,636,309	0	1,636,309	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	6,855	Traditional OOR	6,855	0	6,855	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	6,575	Other Ratemaking	400	400	0	0			0	6,174	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-Etiwanda	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	862,023	GRSM	0	0	0	862,023	P	514,094	347,929	0	2
12r	456	4186514	Mapping Services	151,967	GRSM	0	0	0	151,967	P	39,317	112,650	0	2
12s	456	4186518	Enhanced Pump Test Revenue	101,300	GRSM	0	0	0	101,300	P	9,667	91,633	0	2
12t	456	4186524	Revenue From Scrap Paper - General Office		GRSM	0	0	0	0	P		0	0	2
12u	456	4186528	CTAC Revenues		GRSM	0	0	0	0	P		0	0	2
12v	456	4186530	AGTAC Revenues	275	GRSM	0	0	0	275	P	275	0	0	2
12w	456	4186716	ADT Vendor Service Revenue		GRSM	0	0	0	0	A		0	0	2
12xx	456	4186718	Read Water Meters - Irvine Ranch		GRSM	0	0	0	0	A		0	0	2
12yy	456	4186720	Read Water Meters - Rancho California		GRSM	0	0	0	0	A		0	0	2
12zz	456	4186722	Read Water Meters - Long Beach		GRSM	0	0	0	0	A		0	0	2
12aa	456	4186730	SSID Transformer Repair Services Revenue		GRSM	0	0	0	0	A		0	0	2
12bb	456	4186815	Employee Transfer/Affiliate Fee	97,449	Other Ratemaking	0	0	0	0			0	97,449	6
12cc	456	4186910	ITCC/CIAC Revenues	24,069,279	Traditional OOR	24,069,279	0	24,069,279	0			0	0	4
12dd	456	4186912	Revenue From Decommission Trust Fund		Other Ratemaking	0	0	0	0			0	0	6
12ee	456	4186914	Revenue From Decommissioning Trust FAS115	-34,541,319	Other Ratemaking	0	0	0	0			0	-34,541,319	6
12ff	456	4186916	Offset to Revenue from NDT Earnings/Realized		Other Ratemaking	0	0	0	0			0	0	6
12gg	456	4186918	Offset to Revenue from FAS 115 FMV	34,541,319	Other Ratemaking	0	0	0	0			0	34,541,319	6
12hh	456	4186920	Revenue From Decommissioning Trust FAS115-1		Other Ratemaking	0	0	0	0			0	0	6
12ii	456	4186922	Offset to Revenue from FAS 115-1 Gains & Loss		Other Ratemaking	0	0	0	0			0	0	6
12jj	456	4188712	Power Supply Installations - IMS		GRSM	0	0	0	0	A		0	0	2
12kk	456	4188714	Consulting Fees - IMS		GRSM	0	0	0	0	A		0	0	2
12ll	456	4196105	DA Revenue	114,015	Traditional OOR	114,015	0	114,015	0			0	0	1
12mm	456	4196158	EDBL Customer Finance Added Facilities	6,324,920	Traditional OOR	6,324,920	0	6,324,920	0			0	0	4
12nn	456	4196162	SCE Energy Manager Fee Based Services	117,724	Traditional OOR	117,724	0	117,724	0			0	0	4
12oo	456	4196166	SCE Energy Manager Fee Based Services Adj		Traditional OOR	0	0	0	0			0	0	4
12pp	456	4196172	Off Grid Photo Voltaic Revenues		Traditional OOR	0	0	0	0			0	0	1
12qq	456	4196174	Scheduling/Dispatch Revenues		Traditional OOR	0	0	0	0			0	0	4
12rr	456	4196176	Interconnect Facilities Charges-Customer Financed	3,337,299	Traditional OOR	3,337,299	22,184	3,315,114	0			0	0	8
12ss	456	4196178	Interconnect Facilities Charges - SCE Financed	10,857,864	Traditional OOR	10,857,864	0	10,857,864	0			0	0	4
12tt	456	4196184	DMS Service Fees	2,088	Traditional OOR	2,088	0	2,088	0			0	0	4
12uu	456	4196188	CCA - Information Fees	2,638,011	Traditional OOR	2,638,011	0	2,638,011	0			0	0	6
12vv	456	-	Miscellaneous Adjustments		Traditional OOR	0	0	0	0			0	0	1
12ww	456	4186911	Grant Amortization	3,353,919	Other Ratemaking	0	0	0	0			0	3,353,919	6
12xx	456	4186925	GHG Allowance Revenue	420,965,362	Other Ratemaking	0	0	0	0			0	420,965,362	6
12yy	456	4186132	Intercon One Time	614,774	Traditional OOR	614,774	0	614,774	0			0	0	4
12zz	456	4186116	EV Charging Revenue		Traditional OOR	0	0	0	0			0	0	4
12aaa	456	4186115	Energy Reltd Srv-TSP		Traditional OOR	0	0	0	0			0	0	4
12bbb	456	4186156	N/U Labor Mrkp-BRRBA	101,362	Other Ratemaking	6,173	6,173	0	0			0	95,189	6, 12
12ccc	456	4188720	LCFS CR 411.8	85,924,665	Traditional OOR	85,924,665	0	85,924,665	0			0	0	4
12ddd	456	4186128	Miscellaneous Revenues - ISO		Traditional OOR	0	0	0	0			0	0	5
12eee	456	4186732	Power Quality C&I Customer Program		GRSM	0	0	0	0	P		0	0	2
12fff	456	4171023	Gas Sales - ERRRA	17,908,772	Other Ratemaking	0	0	0	0			0	17,908,772	6
12ggg	456	4186182	Miscellaneous Electric Revenue - ERRRA	32,500	Other Ratemaking	0	0	0	0			0	32,500	6
12hhh	456	4186119	PUCRF Rate Adjustment - Electric		Traditional OOR	0	0	0	0			0	0	1
12iii	456	4186188	Utility Earnings - Mono Power Co		Traditional OOR	0	0	0	0			0	0	1
12jjj	456	4186115	Energy Reltd Svcs-Tehachapi Storage Project (TSP)	611,345	Other Ratemaking	0	0	0	0			0	611,345	6
13	456 Total			583,944,996		139,758,720	28,758	139,729,963	1,115,565		563,353	552,212	443,070,711	
14	FF-1 Total for Acct 456 - Other electric Revenues, p300.21b (Must Equal Line 13)			583,944,996										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	FERC ACCT	ACCT				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	898,963	Traditional OOR	898,963	0	898,963	0			0	0	4
15d	456.1	4188812	ISO-Wheeling Revenue - Low Voltage	122,349	Other Ratemaking	0	0	0	0			0	122,349	6
15e	456.1	4188814	ISO-Wheeling Revenue - High Voltage	70,881,961	Other Ratemaking	0	0	0	0			0	70,881,961	6
15f	456.1	4188816	ISO-Congestion Revenue		Other Ratemaking	0	0	0	0			0	0	6
15g	456.1	4198110	Transmission of Elec of Others	35,750,160	Traditional OOR	35,750,160	35,750,160	0	0			0	0	5
15h	456.1	4198112	WDAT	8,909,868	Traditional OOR	8,909,868	0	8,909,868	0			0	0	4
15i	456.1	4198114	Radial Line Rev-Base Cost - Reliant Coolwater		Traditional OOR	0	0	0	0			0	0	4
15j	456.1	4198116	Radial Line Rev-Base Cost - Reliant Ormond Beach		Traditional OOR	0	0	0	0			0	0	4
15k	456.1	4198118	Radial Line Rev-O&M - AES Huntington Beach	402,148	Traditional OOR	402,148	0	402,148	0			0	0	4
15l	456.1	4198120	Radial Line Rev-O&M - Reliant Mandalay		Traditional OOR	0	0	0	0			0	0	4
15m	456.1	4198122	Radial Line Rev-O&M - Reliant Coolwater		Traditional OOR	0	0	0	0			0	0	4
15n	456.1	4198124	Radial Line Rev-O&M - Ormond Beach	651,331	Traditional OOR	651,331	0	651,331	0			0	0	4
15o	456.1	4198126	High Desert Tie-Line Rental Rev	207,840	Traditional OOR	207,840	0	207,840	0			0	0	4
15p	456.1	4198130	Inland Empire CRT Tie-Line EX	42,492	Traditional OOR	42,492	0	42,492	0			0	0	4
15q	456.1	4198910	Reliability Service Revenue - Non-PTO's		Other Ratemaking	0	0	0	0			0	0	6
15r	456.1	4198132	Radial Line Agreement-Base-Mojave Solr	96,304	Traditional OOR	96,304	0	96,304	0			0	0	4
15s	456.1	4198134	Radial Line Agreement-O&M-Mojave Solr	104,527	Traditional OOR	104,527	0	104,527	0			0	0	4
15t	456.1	4188716	ISO Non-Refundable Interconnection Deposit	3,054,807	Other Ratemaking	0	0	0	0			0	3,054,807	6
15u	456.1	4198910	RSR - Non-PTO's - RSBA	15,250	Other Ratemaking	0	0	0	0			0	15,250	6
15v	456.1	4171022	Transmission Sales - ERRA	35	Other Ratemaking	0	0	0	0			0	35	6
15w	456.1	4171032	Transmission Sales - PABA	8,479,669	Other Ratemaking	0	0	0	0			0	8,479,669	6
16	456.1 Total			129,913,731		47,359,661	35,750,160	11,609,501	0		0	0	82,554,071	
17	FF-1 Total for Account 456.1 - Revenues from Trans. Of Electricity of Others, p300.22b (Must Equal Line 16)			129,913,731										
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										
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	4863130	ECS - Distribution Facilities	579,274	GRSM	0	0	0	579,274	P	113,394	465,880	0	2
24b	417	4862110	ECS - Dark Fiber	8,363,126	GRSM	0	0	0	8,363,126	A	1,636,371	6,726,755	0	2
24c	417	4862115	ECS - SCE Net Fiber	381,528	GRSM	0	0	0	381,528	A	75,186	306,342	0	2
24d	417	4862120	ECS - Transmission Right of Way	78,008	GRSM	0	0	0	78,008	A	15,264	62,744	0	2
24e	417	4862135	ECS - Wholesale FCC	14,770,442	GRSM	0	0	0	14,770,442	A	3,088,534	11,681,908	0	2
24f	417	4864115	ECS - EU FCC Rev	354,334	GRSM	0	0	0	354,334	A	64,320	290,014	0	2
24g	417	4862125	ECS - Cell Site Rent and Use (Active)	15,064,953	GRSM	0	0	0	15,064,953	A	2,585,153	12,479,800	0	2
24h	417	4862130	ECS - Cell Site Reimbursable (Active)	3,865,535	GRSM	0	0	0	3,865,535	A	722,260	3,143,275	0	2
24i	417	4863120	ECS - Communication Sites	454,849	GRSM	0	0	0	454,849	P	171,963	282,886	0	2
24j	417	4863110	ECS - Cell Site Rent and Use (Passive)	4,104,815	GRSM	0	0	0	4,104,815	P	839,399	3,265,416	0	2
24k	417	4863115	ECS - Cell Site Reimbursable (Passive)	1,119,203	GRSM	0	0	0	1,119,203	P	190,876	928,327	0	2
24l	417	4863125	ECS - Micro Cell	2,301,476	GRSM	0	0	0	2,301,476	P	352,234	1,949,242	0	2
24m	417	4864120	ECS - End User Universal Service Fund Fee	93,968	GRSM	0	0	0	93,968	A	12,293	81,675	0	2
24n	417	4864116	ECS - Intrastate End User Revenue	1,488,415	GRSM	0	0	0	1,488,415	A	339,726	1,148,689	0	2
24o	417	4864121	ECS - Intrastate End User Fees	140,794	GRSM	0	0	0	140,794	A	28,350	112,445	0	2
24p	417	4864117	ECS - Interstate End User Tax Exempt	261,361	GRSM	0	0	0	261,361	A	48,699	212,662	0	2
24q	417	4864122	ECS- EU USAC E-Rate	38,726	GRSM	0	0	0	38,726	A	6,633	32,094	0	2
24r	417	4864200	ECS - DF EU Interstate	-18,880	GRSM	0	0	0	(18,880)	A	2,100	(20,980)	0	2
24s	417	4864201	ECS - DF EU Intrastate	95,856	GRSM	0	0	0	95,856	A	18,890	76,966	0	2
24t	417	4864202	ECS - DF EU Interstate USAC E-Rate	91,748	GRSM	0	0	0	91,748	A	13,300	78,449	0	2
24u	417	4864203	ECS - DF EU Interstate CTF	17,026	GRSM	0	0	0	17,026	A	2,100	14,926	0	2
24v	417	4862105	ECS-Fin Chrg	-10,075	GRSM	0	0	0	(10,075)	A	(10,075)	0	0	2
24w	417	4863135	ECS - Pass Pole Attachments	68	GRSM	0	0	0	68	P	(959)	1,027	0	2
24x	417	4864123	ECS - LIT EU Interstate CTF	845	GRSM	0	0	0	845	A	166	678	0	2
24y	417	4864124	ECS - LIT EU Interstate USAC E-Rate	181,399	GRSM	0	0	0	181,399	A	16,552	164,847	0	2
24z	417	4864125	ECS - LIT EU Interstate CTF	18,336	GRSM	0	0	0	18,336	A	3,061	15,275	0	2
25	417 ECS Total			53,837,129		0	0	0	53,837,129		10,335,788	43,501,341	0	
26	417 Other			9,277,393										
27	FF-1 Total for Account 417 - Revenues From Nonutility Operations p117.33c (Must Equal Line 25 + 26)			63,114,522										

	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
Subsidiaries														
28a	418.1		ESI (Gross Revenues - Active)		GRSM	0	0	0	0	A		0	0	2, 9
28b	418.1		ESI (Gross Revenues - Passive)		GRSM	0	0	0	0	P		0	0	2, 9
28c	418.1		Southern States Realty		GRSM	0	0	0	0	P		0	0	2, 15
28d	418.1		Mono Power Company	-526	Traditional OOR	(526)	0	(526)	0			0	0	13
28e	418.1		Edison Material Supply (EMS)	745,035	Traditional OOR	745,035	45,373	699,662	0			0	0	7, 17
29	418.1 Subsidiaries Total			744,509		744,509	45,373	699,136	0		0	0	0	
30	418.1 Other (See Note 16)			-745,035										
31	FF-1 Total for Account 418.1 -Equity in Earnings of Subsidiary Companies, p117.36c (Must Equal Line 29 + 30)			-526										
32			Totals	869,163,830		260,350,454	38,825,253	221,525,200	80,186,919		16,671,389	63,515,530	528,626,457	

33		Ratepayers' Share of Threshold Revenue	16,671,389	Calculation
34		ISO Ratepayers' Share of Threshold Revenue	5,425,127	= Line 32K
35				Note 11
36		Total Active Incremental Revenue	36,608,563	= Sum Active categories in column L
37		Ratepayers' Share of Active Incremental Revenue	3,660,856	= Line 36D * 10%
38		Total Passive Incremental Revenue	26,906,968	= Sum Passive categories in column L
39		Ratepayers' Share of Passive Incremental Revenue	8,072,090	= Line 38D * 30%
40		Total Ratepayers' Share of Incremental Revenue	11,732,947	= Line 37D + Line 39D
41		ISO Ratepayers' Share of Incremental Revenue (%)	32.54%	see Note 11
42		ISO Ratepayers' Share of Incremental Revenue	3,818,081	= Line 40D * Line 41D
43		Tot. ISO Ratepayers' Share NTP&S Gross Rev.	9,243,208	= Line 34D + Line 42D

44	Total Revenue Credits:	Amount	Calculation
		\$48,068,461	Sum of Column D, Line 43 and Column G, Line 32

Notes:

- 1- CPUC Jurisdictional service related.
- 2- 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.
- 3- Generation related.
- 4- Non-ISO facilities related.
- 5- ISO transmission system related.
- 6- Subject to balancing account treatment
- 7- 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 = 0.0609 Source: CPUC D. 19-05-020
- 8- ISO portion of Traditional OOR relates to monthly revenues received from customers for facilities that are part of the ISO network.
- 9- 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.
- 10- The first \$16,671,389 million in gross revenues generated by GRSM activities are automatically classified as Threshold Revenue.
- 11- 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%.
- 12- 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 = 0.0609 Source: CPUC D. 19-05-020
- 13- 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.
- 14- 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.
- 15- 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.
- 16- For subsidiaries that are subject to GRSM, Column D contains gross revenues. Input on Line 30D contains the associated expenses.
- 17- 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.

Franchise Fees and Uncollectibles Expense Factors

Workpaper: WP Schedule 28 FFU

1) Approved Franchise Fee Factor(s)

Inputs are shaded yellow

Line	From	To	Days in Prior Year	FF Factor	Reference
1	2020	Present	366	0.9248%	Schedule 28 - Workpaper Line 10
2					

2) Approved Uncollectibles Expense Factor(s)

Changed from 1.14091% to 1.13759% to keep the uncollectible expense \$13,789,000

	From	To	Days in Prior Year	U Factor	Reference
3	2020	Present	366	1.13759%	Schedule 28 - Workpaper Line 11
4					

3) FF and U Factors

	Prior Year	FF Factor	U Factor	Notes
5	2020	0.92481%	1.13759%	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.

	Percent	Calculation
Prior Year FF Factor:	0.92481%	$((L1 \text{ FF Factor} * L1 \text{ Days}) + (L2 \text{ FF Factor} * L2 \text{ Days})) / (L1 + L2 \text{ Days})$
Prior Year U Factor:	1.13759%	$((L3 \text{ U Factor} * L3 \text{ Days}) + (L4 \text{ U Factor} * L4 \text{ Days})) / (L3 + L4 \text{ Days})$