

# SOUTHERN CALIFORNIA EDISON COMPANY

## Transmission & Distribution ISO Facilities Study

12-31-2023 Facilities

TO2025 Annual Update

Attachment 4

WP-Schedule 7

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### Transmission

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
<b>Land (Substation and Line)</b>				
350	\$390,235,190	\$390,235,191	\$284,051,410	72.79%
<b>Substation</b>				
352	1,452,514,877	1,452,514,879	936,218,418	64.45%
353	7,886,819,048	7,886,819,049	4,482,729,300	56.84%
<b>Total Substation</b>	9,339,333,925	9,339,333,927	5,418,947,718	58.02%
<b>Lines</b>				
354	2,614,263,737	2,614,263,737	2,512,776,504	96.12%
355	2,482,407,376	2,482,407,374	647,749,643	26.09%
356	2,186,903,951	2,186,903,951	1,690,959,762	77.32%
357	330,194,712	330,194,711	215,307,591	65.21%
358	455,498,400	455,498,399	58,752,899	12.90%
359	252,459,077	252,459,077	226,060,420	89.54%
<b>Total Lines</b>	8,321,727,253	8,321,727,249	5,351,606,818	64.31%
<b>Total Transmission</b>	<b>\$18,051,296,368</b>	<b>\$18,051,296,367</b>	<b>\$11,054,605,947</b>	<b>61.24%</b>

### Distribution

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
<b>Land:</b>				
360	\$131,192,053	\$ 131,192,052	-	0.00%
<b>Structures:</b>				
361	1,026,637,750	1,026,637,750	-	0.00%
362	3,647,243,936	3,647,243,936	-	0.00%
363	26,086,466	26,086,466	-	0.00%
<b>Total Structures</b>	4,699,968,152	4,699,968,152	-	0.00%
<b>Total Distribution</b>	<b>\$4,831,160,205</b>	<b>\$4,831,160,204</b>	<b>-</b>	<b>0.00%</b>
<b>Total Transmission &amp; Distribution</b>	<b>\$22,882,456,573</b>	<b>\$22,882,456,571</b>	<b>\$11,054,605,947</b>	<b>48.31%</b>

Plant Total by Account

# Southern California Edison Company

Summary of ISO Facilities Gross Plant

High/Low Voltage Split

12/31/2023 Facilities

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Total ISO Plant				Gross ISO Plant Split into High Voltage, Low Voltage, and Transformers that Straddle HV/LV				
ISO Transmission and Distribution Facility	Total ISO Gross Plant	Land	Structures	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV
<b>Transmission Lines:</b>								
1000 kV T Lines	95,571,935	-	95,571,935	-	-	95,571,935	-	-
500 kV T Lines	3,107,333,682	125,518,616	2,981,815,066	125,518,616	-	2,981,815,066	-	-
230 kV T Lines	2,104,950,870	101,363,946	2,003,586,924	101,363,946	-	2,003,586,924	-	-
161 kV T Lines	3,309,090	33,310	3,275,780	-	33,310	-	3,275,780	-
115 kV T Lines	218,647,484	6,784,338	211,863,145	-	6,784,338	-	211,863,145	-
66 kV T Lines	15,183,947	277,602	14,906,345	-	277,602	-	14,906,345	-
55 kV T Lines	40,782,056	194,432	40,587,624	-	194,432	-	40,587,624	-
<b>Total Transmission Lines</b>	<b>5,585,779,063</b>	<b>234,172,245</b>	<b>5,351,606,818</b>	<b>226,882,562</b>	<b>7,289,683</b>	<b>5,080,973,925</b>	<b>270,632,894</b>	<b>-</b>
<b>Substations:</b>								
Check								
High Voltage Substations (750 kV, 500kV, 220kV)	4,906,393,782	31,868,398	4,874,525,384	31,868,398	-	4,874,525,384	-	-
<b>Straddle Substations:</b>								
Antelope	227,874,949	21,969	227,852,980	19,510	2,460	190,450,557	24,010,266	13,392,156
Bailey	41,602,880	111,063	41,491,817	65,896	45,168	21,462,030	14,711,012	5,318,774
Eagle Mountain	19,419,026	-	19,419,026	-	-	5,987,294	366,878	13,064,853
Kramer	46,967,807	39,495	46,928,312	28,606	10,889	24,796,999	9,438,592	12,692,721
Ivanpah	46,491,656	-	46,491,656	-	-	19,035,958	21,879,161	5,576,537
Victor	112,813,228	17,464	112,795,764	7,358	10,106	39,240,300	53,896,305	19,659,159
<b>Total Straddle Substations</b>	<b>495,169,545</b>	<b>189,992</b>	<b>494,979,554</b>	<b>121,369</b>	<b>68,622</b>	<b>300,973,140</b>	<b>124,302,214</b>	<b>69,704,200</b>
Low Voltage Substations (Less Than 220kV)	67,263,557	17,820,777	49,442,780	-	17,820,777	-	49,442,780	-
<b>Total Substations</b>	<b>5,468,826,884</b>	<b>49,879,166</b>	<b>5,418,947,718</b>	<b>31,989,767</b>	<b>17,889,399</b>	<b>5,175,498,524</b>	<b>173,744,994</b>	<b>69,704,200</b>
<b>Total Lines and Substations</b>	<b>11,054,605,947</b>	<b>284,051,410</b>	<b>10,770,554,537</b>	<b>258,872,329</b>	<b>25,179,082</b>	<b>10,256,472,449</b>	<b>444,377,888</b>	<b>69,704,200</b>

## Determination of High Voltage/Low Voltage Gross Plant Percentage of SCE ISO Transmission Facilities Gross Plant Percentage Determined Pursuant to ISO Tariff Section 12

Gross Plant that can be determined HV/LV	High Voltage	Low Voltage	Total
Land	258,872,329	25,179,082	284,051,410
Structures	10,256,472,449	444,377,888	10,700,850,337
Total Determined HV/LV	10,515,344,778	469,556,969	10,984,901,747
Percentage:	95.725%	4.275%	100.000%
Transformers	66,724,647	2,979,553	69,704,200
<b>Total HV &amp; LV Gross Plant</b>	<b>10,582,069,425</b>	<b>472,536,522</b>	<b>11,054,605,947</b>

**Southern California Edison Company**

## Summary of ISO Facility Gross Plant

## High/Low Voltage Mix Summary

12-31-2023 Facilities

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Facility:	Location #	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV	Total
<b>220 kV Substations</b>							
Antelope	5052	19,510	2,460	190,450,557	24,010,266	13,392,156	227,874,949
Bailey	5059	65,896	45,168	21,462,030	14,711,012	5,318,774	41,602,880
Eagle Mountain	5040	-	-	5,987,294	366,878	13,064,853	19,419,026
Ivanpah	8363	-	-	19,035,958	21,879,161	5,576,537	46,491,656
Kramer	5042 & 8046	28,606	10,889	24,796,999	9,438,592	12,692,721	46,967,807
Victor	8049	7,358	10,106	39,240,300	53,896,305	19,659,159	112,813,228
<b>Total Straddle Substations</b>		121,369	68,622	300,973,140	124,302,214	69,704,200	495,169,545

SOUTHERN CALIFORNIA EDISON COMPANY  
12-31-2023 Facilities  
TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non-ISO/Mix/Trans Line	High / Low Straddle Voltage
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
BIG CREEK NO.4	2236	220kV	-	41,031	6,368,050	6,409,080	-	41,031	6,368,050	-	-	-	ISO	High
INVO	2570	220kV	-	381,661	7,851,207	8,232,869	-	381,661	7,851,207	-	-	-	ISO	High
METRO GOM MAINT	5001	500kV	-	-	56,264,373	56,264,373	-	-	56,264,373	-	-	-	ISO	High
HARBORGEN SUB	5019	220kV	-	129,846	4,130,861	4,260,707	-	129,846	4,130,861	-	-	-	ISO	High
EL SEGUNDO SWITCHRACK SUB	5026	220kV	12,470	1,744,467	15,441,426	17,198,363	12,470	1,744,467	15,441,426	-	-	-	ISO	High
MIDWAY SUB	5032	500kV	-	482,282	15,219,891	15,702,173	-	482,282	15,219,891	-	-	-	ISO	High
PASTORIA SUB	5036	220kV	21,435	2,502,894	19,382,222	21,906,552	21,435	2,502,894	19,382,222	-	-	-	ISO	High
SYCAMORE SUB	5039	220kV	-	-	22,357	22,357	-	-	-	-	-	22,357	Non-ISO	High
CLWTR SWITCHRACKS 1.2	5044	115kV	-	-	1,476,690	1,476,690	-	-	-	-	-	-	Non-ISO	Low
MOHAVE SWITCHRACK	5045	500kV	-	3,993,597	22,048,498	26,042,095	-	3,993,597	22,048,498	-	-	-	ISO	High
RANCHO VISTA SUB	5047	500kV	1,844,367	25,901,373	161,756,599	189,502,339	1,844,367	25,901,373	161,756,599	-	-	-	ISO	High
SYLMAR SUB	5058	220kV	-	22,786	1,948,141	1,970,927	-	22,786	1,948,141	-	-	-	ISO	High
SERRANO SUB	5061	500kV	90,981	43,002,742	166,069,330	209,163,053	90,981	43,002,742	166,069,330	-	-	-	ISO	High
PISGAH SUB	5065	220kV	-	679,696	5,589,809	6,269,505	-	679,696	5,589,809	-	-	-	ISO	High
GENE SUB	5066	220kV	-	63,093	2,064,623	2,127,716	-	-	-	-	63,093	2,064,623	Non-ISO	High
WINDHUB SUB	5079	500kV	1,231,926	32,481,513	217,201,677	250,915,115	1,085,598	28,623,362	191,402,635	146,328	3,858,152	25,799,041	MIX	High
SERRANO SUB	5080	500kV	1,226,475	46,097,228	216,608,114	263,931,817	1,226,475	46,097,228	216,608,114	-	-	-	ISO	High
2089 SUB	5089	220kV	1,444	352,755	8,894,346	9,246,544	-	352,755	8,894,346	-	-	-	ISO	High
EL DORADO SUB(NEVADA)	5090	500kV	13,183	53,075,501	240,545,482	293,634,165	13,183	53,075,501	240,545,482	-	-	-	ISO	High
MEAD SUB	5091	500kV	-	12,205	12,306	24,511	-	12,205	12,306	-	-	-	ISO	High
MOENKOPF SUB	5092	500kV	-	-	1,516,885	1,516,885	-	-	1,516,885	-	-	-	ISO	High
WEST SERIES CAPACITORS	5093	500kV	-	1,797,455	51,528,226	53,325,681	-	1,797,455	51,528,226	-	-	-	ISO	High
EAST SERIES CAPACITORS 1	5094	500kV	-	-	870,601	870,601	-	-	870,601	-	-	-	ISO	High
PALO VERDE SWITCHRACK SUB	5097	500kV	-	489,546	10,545,580	11,035,126	-	489,546	10,545,580	-	-	-	ISO	High
MIDWAY-PAC INTERTIE	8932	500kV	-	162,585	13,930,693	14,093,278	-	162,585	13,930,693	-	-	-	ISO	High
PARDEE-PAC INTERTIE	8950	220kV	-	55,269	942,130	997,399	-	55,269	942,130	-	-	-	ISO	High
SYLMAR-PAC INTERTIE	8958	220kV	51,663	7,768,618	226,037,033	233,857,315	51,663	7,768,618	226,037,033	-	-	-	ISO	High
EDISON ITC	1451	Misc	-	-	35,855	35,855	-	-	-	-	-	35,855	Non-ISO	High
EL SEGUNDO GEN. STATION	1510	220kV	-	83,831	2,450	86,280	-	-	-	-	83,831	2,450	Non-ISO	High
SAN ONOFRE-COMMON 1,2,3	1808	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	High
SAN ONOFRE-COMMON 2,3	1809	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	High
SAN ONOFRE-UNIT 1	1810	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	High
SAN ONOFRE-UNIT 2	1812	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	High
SAN ONOFRE-UNIT 3	1818	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	High
SONGS 2,3 SPARE PARTS	1824	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	High
SONGS COMMON 2 & 3- (INC)	1839	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	High
PALOVERDE NUCL GEN PLT-U1	1860	500kV	-	-	2,597,299	2,597,299	-	-	-	-	-	2,597,299	Non-ISO	High
PALO VERDE-UNIT 2	1864	500kV	-	-	2,488,614	2,488,614	-	-	-	-	-	2,488,614	Non-ISO	High
PALO VERDE-UNIT 3	1866	500kV	-	-	5,007,603	5,007,603	-	-	-	-	-	5,007,603	Non-ISO	High
PALOVERDE-COMMON 1,2,3	1867	500kV	7,766	-	2,721,697	2,729,463	-	-	-	7,766	-	-	Non-ISO	High
COOLWATER COMMON	1936	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	High
SAN BERNARDINO COMMON	1996	220kV	-	27,803	-	27,803	-	-	-	-	27,803	-	Non-ISO	High
PARKER DAM-US BUR OF RECL	2113	220kV	-	12,334	-	12,334	-	-	-	-	12,334	-	Non-ISO	High
MAMMOTH POOL LAKE-PP 20B5	2150	220kV	-	-	24,016	24,016	-	-	-	-	-	24,016	Non-ISO	High
BIG CREEK CANYON	2202	220kV	-	-	1,641,022	1,641,022	-	-	-	-	-	1,641,022	Non-ISO	High
PORTAL POWER PLANT	2237	33kV & Below	-	-	68,246	68,246	-	-	-	-	-	68,246	Non-ISO	High
MAMMOTH POOL	2238	220kV	-	46,311	4,573,853	4,620,165	-	-	-	-	46,311	4,573,853	Non-ISO	High
EASTWOOD POWER STATION	2239	33kV & Below	-	678,338	5,194,285	5,872,623	-	-	-	-	678,338	5,194,285	Non-ISO	High
HYDRO PRODUCTION	2300	Misc	-	-	10,367	10,367	-	-	-	-	-	10,367	Non-ISO	High
SNTA ANA RV&MILL CRK CNYN	2301	33kV & Below	-	-	421,924	421,924	-	-	-	-	-	421,924	Non-ISO	High
LYTLE CRK&SN ANTONIO CNYN	2303	33kV & Below	-	-	140,226	140,226	-	-	-	-	-	140,226	Non-ISO	High
KERN RIVER CANYON	2305	66kV	-	-	692,140	692,140	-	-	-	-	-	692,140	Non-ISO	High
KAWEAH RIVER CANYON	2307	66kV	-	-	572,929	572,929	-	-	-	-	-	572,929	Non-ISO	High
SAN GORGONIO CANYON	2309	33kV & Below	-	-	193,975	193,975	-	-	-	-	-	193,975	Non-ISO	High
KERN RIVER NO.1	2313	66kV	-	4,184	643,018	647,201	-	-	-	-	4,184	643,018	Non-ISO	High
BOREL	2314	66kV	-	1,383	809,201	810,584	-	-	-	-	1,383	809,201	Non-ISO	High
SANTA ANA NO.1	2315	33kV & Below	-	-	738,129	738,129	-	-	-	-	-	738,129	Non-ISO	High
SANTA ANA NO.3	2317	33kV & Below	-	-	14,930	14,930	-	-	-	-	-	14,930	Non-ISO	High
MILL CREEK NO.1	2318	33kV & Below	1,464	-	7,316	7,316	-	-	-	1,464	-	7,316	Non-ISO	High
MILL CREEK NO.2&3	2319	33kV & Below	-	-	52,080	52,080	-	-	-	-	-	52,080	Non-ISO	High
KAWEAH NO.1	2324	66kV	-	-	48,507	48,507	-	-	-	-	-	48,507	Non-ISO	High
KAWEAH NO.2	2325	66kV	-	2,694	49,126	51,820	-	-	-	2,694	-	49,126	Non-ISO	High
KAWEAH NO.3	2326	66kV	-	-	57,269	57,269	-	-	-	-	-	57,269	Non-ISO	High
LOWER TULE RIVER	2327	66kV	-	-	50,834	50,834	-	-	-	-	-	50,834	Non-ISO	High
KERN RIVER NO.3	2328	66kV	-	-	460,723	460,723	-	-	-	-	-	460,723	Non-ISO	High
ONTARIO NO.1	2331	33kV & Below	-	-	205,914	205,914	-	-	-	-	-	205,914	Non-ISO	High
EASTERN HYDRO REGION	2500	55kV	-	7,254	-	7,254	-	-	-	-	7,254	-	Non-ISO	High
BISHOP CREEK CANYON	2501	33kV & Below	-	-	705,804	705,804	-	-	-	-	-	705,804	Non-ISO	High
MONO BASIN	2503	115kV	-	-	196,344	196,344	-	-	-	-	-	196,344	Non-ISO	High
Lundy	2560 & 2510	55kV	-	317,627	5,946,501	6,264,128	-	-	-	-	317,627	5,946,501	Non-ISO	High
POOLE	2512	33kV & Below	-	3,693	510,698	514,392	-	-	-	-	3,693	510,698	Non-ISO	High
RUSH CREEK	2514	115kV	-	-	175,912	175,912	-	-	-	-	-	175,912	Non-ISO	High
BISHOP CREEK NO.2	2522	55kV	-	-	80,487	80,487	-	-	-	-	-	80,487	Non-ISO	High
BISHOP CREEK NO.3	2523	33kV & Below	-	-	1,847,927	1,847,927	-	-	-	-	-	1,847,927	Non-ISO	High
BISHOP CREEK NO.4	2524	33kV & Below	-	-	86,641	86,641	-	-	-	-	-	86,641	Non-ISO	High
BISHOP CREEK NO.5	2525	33kV & Below	-	-	43,037	43,037	-	-	-	-	-	43,037	Non-ISO	High
BISHOP CREEK NO.6	2526	33kV & Below	-	-	39,098	39,098	-	-	-	-	-	39,098	Non-ISO	High
FISH LAKE VALLEY METERING	2553	55kV	-	1,343	52,264	53,607	-	-	-	-	1,343	52,264	Non-ISO	High
CASA DIABLO	2557	115kV	2,119	442,110	9,819,629	10,263,857	-	-	-	2,119	442,110	9,819,629	Non-ISO	High
LEE VINING	2561	115kV	343	283,997	2,302,338	2,586,677	-							

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2023 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non-ISO/Mix/Trans Line	High / Low Straddle Voltage
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment	A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		
RUSH SUB	5116	66kV	-	19,241	-	19,241	-	-	-	-	19,241	-	-	Non-ISO
FEDERALGEN SUB	5120	66kV	-	6,944	-	6,944	-	-	-	-	6,944	-	-	Non-ISO
GARFIELD SUB	5121	66kV	-	54,966	-	54,966	-	-	-	-	54,966	-	-	Non-ISO
GRANADA SUB	5126	33kV & Below	-	15,937	-	15,937	-	-	-	-	15,937	-	-	Non-ISO
LA CANADA SUB	5130	66kV	-	9,588	-	9,588	-	-	-	-	9,588	-	-	Non-ISO
MONROVIA SUB	5134	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
GENAMIC SUB	5139	66kV	-	5,739	-	5,739	-	-	-	-	5,739	-	-	Non-ISO
ROSEMEAD SUB	5141	66kV	-	38,757	22	38,779	-	-	-	-	38,757	22	-	Non-ISO
SAN GABRIEL SUB	5142	66kV	-	23,648	-	23,648	-	-	-	-	23,648	-	-	Non-ISO
DUARTE SUB	5150	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
JOSE SUB	5152	66kV	-	51,570	-	55,457	-	-	-	-	51,570	3,887	-	Non-ISO
ARMROY SUB	5158	66kV	-	-	123	123	-	-	-	-	-	123	-	Non-ISO
AMADOR SUB	5161	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
FAIR OAKS SUB	5162	33kV & Below	-	2,466	17,195	19,662	-	-	-	-	2,466	17,195	-	Non-ISO
REPETTO SUB	5164	66kV	-	17,757	-	17,757	-	-	-	-	17,757	-	-	Non-ISO
JPL SUB	5165	66kV	-	-	3,666	3,666	-	-	-	-	-	3,666	-	Non-ISO
MAYFLOWER SUB	5167	33kV & Below	-	149,676	91,972	241,647	-	-	-	-	149,676	91,972	-	Non-ISO
TEMPLE SUB	5170	33kV & Below	-	23,448	17,367	40,816	-	-	-	-	23,448	17,367	-	Non-ISO
BRADBURY SUB	5171	66kV	-	123,485	-	123,485	-	-	-	-	123,485	-	-	Non-ISO
VAL SUB	5175	66kV	-	15,470	-	15,470	-	-	-	-	15,470	-	-	Non-ISO
KIMBALL SUBSTATION	5176	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
KIRKWALL SUBSTATION	5178	66kV	3,995	-	-	3,995	-	-	-	3,995	-	-	-	Non-ISO
RAVENDALE SUB	5179	66kV	-	154,829	-	154,829	-	-	-	-	154,829	-	-	Non-ISO
CITRUS SUB	5185	66kV	-	-	37,984	37,984	-	-	-	-	-	37,984	-	Non-ISO
CORTEZ SUB	5186	66kV	-	16,955	31,589	48,544	-	-	-	-	16,955	31,589	-	Non-ISO
DALTON SUB	5188	66kV	-	82,794	-	82,794	-	-	-	-	82,794	-	-	Non-ISO
RAILROAD SUB	5196	66kV	-	71,448	-	71,448	-	-	-	-	71,448	-	-	Non-ISO
ALHAMBRA DIST SUB TRG FAC	5198	66kV	-	25,705	2,046,562	2,072,267	-	-	-	-	25,705	2,046,562	-	Non-ISO
BEVERLY HILLS SUB	5201	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
CULVER CITY SUB	5204	66kV	-	61,263	-	61,263	-	-	-	-	61,263	-	-	Non-ISO
SEFULVEDA SUB	5207	66kV	-	41,604	-	41,604	-	-	-	-	41,604	-	-	Non-ISO
HOWARD SUB	5210	66kV	-	33,804	17,431	51,234	-	-	-	-	33,804	17,431	-	Non-ISO
INGLEWOOD SUB	5211	66kV	-	304,708	-	304,708	-	-	-	-	304,708	-	-	Non-ISO
LENNOX SUB	5213	66kV	-	281,905	12,693	294,598	-	-	-	-	281,905	12,693	-	Non-ISO
MADRID SUB	5215	33kV & Below	-	575	-	575	-	-	-	-	575	-	-	Non-ISO
MANHATTAN SUB	5216	33kV & Below	-	10,762	-	10,762	-	-	-	-	10,762	-	-	Non-ISO
MARINE SUB	5217	66kV	-	17,432	-	17,432	-	-	-	-	17,432	-	-	Non-ISO
MONETA SUB	5218	33kV & Below	-	16,856	-	16,856	-	-	-	-	16,856	-	-	Non-ISO
OCEAN PARK SUB	5221	33kV & Below	-	4,164	-	4,164	-	-	-	-	4,164	-	-	Non-ISO
PEARL SUB	5224	33kV & Below	-	14,955	-	14,955	-	-	-	-	14,955	-	-	Non-ISO
BRIGHTON SUB	5226	66kV	-	3,804	-	3,804	-	-	-	-	3,804	-	-	Non-ISO
REDONDO SUB	5227	33kV & Below	-	33,678	-	33,678	-	-	-	-	33,678	-	-	Non-ISO
ROSECRAVS SUB	5228	66kV	-	70,273	-	70,273	-	-	-	-	70,273	-	-	Non-ISO
MOBILLOIL SUB	5229	66kV	-	3,652	-	3,652	-	-	-	-	3,652	-	-	Non-ISO
SANTA MONICA SUB	5231	66kV	-	19,277	-	19,277	-	-	-	-	19,277	-	-	Non-ISO
VICTORIA SUB	5232	66kV	-	162,536	-	162,536	-	-	-	-	162,536	-	-	Non-ISO
WALTERIA SUB	5233	66kV	-	29,599	-	29,599	-	-	-	-	29,599	-	-	Non-ISO
WINDSOR HILLS SUB	5235	66kV	-	58,264	17,508	75,772	-	-	-	-	58,264	17,508	-	Non-ISO
VALDEZ SUB	5236	66kV	-	24,710	-	24,710	-	-	-	-	-	24,710	-	Non-ISO
LAWNDALE SUB	5238	33kV & Below	-	44,342	-	44,342	-	-	-	-	44,342	-	-	Non-ISO
CRATER SUB	5239	66kV	-	-	9,057	9,057	-	-	-	-	-	9,057	-	Non-ISO
YUKON SUB	5241	66kV	4,415	-	-	4,415	-	-	-	4,415	-	-	-	Non-ISO
COLORADO SUB	5242	66kV	-	40,181	-	40,181	-	-	-	-	40,181	-	-	Non-ISO
TOPANGA SUB	5243	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
DITMAR SUB	5246	66kV	-	8,977	-	8,977	-	-	-	-	8,977	-	-	Non-ISO
SAWTELLE SUB	5250	66kV	-	59,249	-	59,249	-	-	-	-	59,249	-	-	Non-ISO
ROLLING HILLS SUB	5252	66kV	-	27,085	-	27,085	-	-	-	-	27,085	-	-	Non-ISO
HAVEDA SUB	5254	33kV & Below	-	30,118	-	30,118	-	-	-	-	30,118	-	-	Non-ISO
LUNADA SUB	5255	33kV & Below	-	8,090	-	8,090	-	-	-	-	8,090	-	-	Non-ISO
BRIDGE SUB	5257	66kV	-	14,957	-	14,957	-	-	-	-	14,957	-	-	Non-ISO
STIRRIUP SUB	5259	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
COLOSSUS SUB	5260	66kV	-	-	7,141	7,141	-	-	-	-	-	7,141	-	Non-ISO
CREST SUB	5264	66kV	-	15,678	-	15,678	-	-	-	-	15,678	-	-	Non-ISO
SPACE SUB	5267	66kV	-	21,278	-	21,278	-	-	-	-	21,278	-	-	Non-ISO
TOPAZ SUB	5268	66kV	-	29,219	-	29,219	-	-	-	-	29,219	-	-	Non-ISO
TAHITI SUB	5271	66kV	-	23,749	-	23,749	-	-	-	-	23,749	-	-	Non-ISO
LATIGO SUB	5272	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
STANHILL SUB	5273	66kV	-	-	0.01	0	-	-	-	-	-	0	-	Non-ISO
GALAXY SUB	5274	66kV	-	8,898	-	8,898	-	-	-	-	8,898	-	-	Non-ISO
MARYMOUNT SUB	5275	66kV	-	4,862	-	4,862	-	-	-	-	4,862	-	-	Non-ISO
WESTHILL SUB	5278	66kV	-	54,242	-	54,242	-	-	-	-	54,242	-	-	Non-ISO
PAIDGEN SUB	5282	66kV	-	42,738	-	42,738	-	-	-	-	42,738	-	-	Non-ISO
CHEVCENTRAL SUB	5295	66kV	-	9,975	-	9,975	-	-	-	-	9,975	-	-	Non-ISO
BIG CREEK 2	5302	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
DELANDO SUB	5305	66kV	-	60,018	-	60,018	-	-	-	-	60,018	-	-	Non-ISO
EAKRUMART	5306	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
GLENVILLE SUB	5308	66kV	-	55,476	-	55,476	-	-	-	-	55,476	-	-	Non-ISO
HAVILAH SUB	5311	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
LIBERTY SUB	5312	66kV	-	315,750	-	315,750	-	-	-	-	315,750	-	-	Non-ISO
LAUREL SUB	5315	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
OCTOL SUB	5320	66kV	-	13,523	-	13,523	-	-	-	-	13,523	-	-	Non-ISO
PIXLEY SUB	5321	66kV	-	18,619	-	18,619	-	-	-	-	18,619	-	-	Non-ISO
POPLAR SUB	5322	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
PORTERVILLE SUB	5323	66kV	-	80,195	-	80,195	-	-	-	-	80,195	-	-	Non-ISO
STRATHMORE SUB	5325	66kV	-	-	14,882	14,882	-	-	-	-	-	14,882	-	Non-ISO
TULARE SUB	5328	66kV	-	13,759	-	13,759	-	-	-	-	13,759	-	-	Non-ISO
VISALIA SUB	5331	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
WOODVILLE SUB	5333	66kV	-	15,418	74,641	90,058	-	-	-	-	15,418	74,641	-	Non-ISO
GREENHORN SUB	5339	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
ISABELLA SUB	5347	66kV	73,306	-	-	73,306	-	-	-	73,306	-	-	-	Non-ISO
THREE RIVERS SUB	5350	66kV	-	28,746	-	28,746	-	-	-	-	28,746	-	-	Non-ISO
BONWOOD SUB	5351	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
LINE CREEK SUB	5352	33kV & Below	-	-	9,627	9,627	-	-	-	-	-	9,627	-	Non-ISO
KERVILLE SUB	5356	66kV	-	18,935	-	18,935	-	-	-	-	18,935	-	-	Non-ISO
RIVERWAY SUB	5374	66kV	801,825	-	-	801,825	-	-	-	801,825	-	-	-	Non-ISO
MASCOT SUBSTATION	5375	66kV	573,588	6,973	-	580,560	-	-	-	573,588	6,973	-	-	Non-ISO
CANWIND SUB	5405	66kV	-	-	9,895	9,895	-	-	-	-	-	9,895	-	Non-ISO
ENWIND SUB	5406	66kV	-	11,023	29,527	40,550	-	-	-	-	11,023	29,527	-	Non-ISO
MORWIND SUB	5409	66kV	-	-	6,367	6,367	-	-	-	-	-	6,367	-	Non-ISO
FLOWIND SUB	5410	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
ARBWIND SUB	5411	66kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
SILVER PEAK SUB	5412	55kV	-	-	79,333	79,333	-	-	-	-	-	79,333	-	Non-ISO

SOUTHERN CALIFORNIA EDISON COMPANY  
12-31-2023 Facilities  
TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non-ISO/Mix/Trans Line	High / Low Straddle Voltage
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
DUTCHMIND SUB	5414	66kV	-	12,069	7,801	19,870	-	-	-	-	12,069	7,801	Non-ISO	
OKWIND SUB	5415	66kV	-	-	23,342	23,342	-	-	-	-	-	23,342	Non-ISO	
MIDWIND SUB	5424	66kV	-	-	23,000	23,000	-	-	-	-	-	23,000	Non-ISO	
CASITAS SUB	5504	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
CHANNEL ISLANDS SUB	5506	66kV	-	116,483	-	116,483	-	-	-	-	116,483	-	Non-ISO	
ORTEGA SUB	5507	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
FILLMORE SUB	5510	66kV	-	5,566	-	5,566	-	-	-	-	5,566	-	Non-ISO	
MODOC SUB	5520	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
OJAI SUB	5526	66kV	-	13,050	-	13,050	-	-	-	-	13,050	-	Non-ISO	
SANTA BARBARA SUB	5531	66kV	-	40,153	-	40,153	-	-	-	-	40,153	-	Non-ISO	
CHARMIN SUB	5535	66kV	-	-	33,913	33,913	-	-	-	-	-	33,913	Non-ISO	
VENTURA SUB	5538	33kV & Below	-	52,173	-	52,173	-	-	-	-	52,173	-	Non-ISO	
ELIZABETH LAKE SUB	5546	66kV	-	-	3,072	3,072	-	-	-	-	-	3,072	Non-ISO	
CORUM SUB	5547	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SAN FERNANDO SUB	5550	66kV	-	10,675	-	10,675	-	-	-	-	10,675	-	Non-ISO	
CHATS WORTH SUB	5555	66kV	-	43,900	-	43,900	-	-	-	-	43,900	-	Non-ISO	
NEWBURY SUB	5557	66kV	-	-	692,110	692,110	-	-	-	-	-	692,110	Non-ISO	
GRISWOLD SUB	5562	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
PLAYA SUB	5565	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
VEGAS SUB	5570	66kV	5,801	-	-	5,801	-	-	-	5,801	-	-	Non-ISO	
GAVIOTA SUB	5572	66kV	-	-	118,097	118,097	-	-	-	-	-	118,097	Non-ISO	
NEWMALL SUB	5576	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
POTRERO SUB	5597	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
RANDALL SUB	5601	66kV	-	20,403	56,150	76,552	-	-	-	-	20,403	56,150	Non-ISO	
TIMOTEO SUB	5604	66kV	-	1,760	-	1,760	-	-	-	-	1,760	-	Non-ISO	
ORANGE PRODUCTS SUB	5606	66kV	-	13,596	-	13,596	-	-	-	-	13,596	-	Non-ISO	
CARDIFF SUB	5608	66kV	-	117,952	-	117,952	-	-	-	-	117,952	-	Non-ISO	
INLAND CONTAINER SUB	5612	66kV	-	20,750	-	20,750	-	-	-	-	20,750	-	Non-ISO	
DECLERZ SUB	5615	66kV	-	-	23,032	23,032	-	-	-	-	-	23,032	Non-ISO	
FLANCO SUB	5616	33kV & Below	-	22,342	-	22,342	-	-	-	-	22,342	-	Non-ISO	
FIREHOUSE SUB	5618	66kV	-	6,520	-	6,520	-	-	-	-	6,520	-	Non-ISO	
HIGHLAND SUB	5619	66kV	-	59,400	-	59,400	-	-	-	-	59,400	-	Non-ISO	
BLOOMINGTON SUB	5620	66kV	-	49,005	-	49,005	-	-	-	-	49,005	-	Non-ISO	
HUSTON SUB	5621	33kV & Below	-	45,573	-	45,573	-	-	-	-	45,573	-	Non-ISO	
NORCO SUB	5624	33kV & Below	-	66,934	-	66,934	-	-	-	-	66,934	-	Non-ISO	
PEDELEY SUB	5626	66kV	-	22,868	-	22,868	-	-	-	-	22,868	-	Non-ISO	
TENNESSEE SUB	5628	66kV	-	44,558	-	44,558	-	-	-	-	44,558	-	Non-ISO	
REDLANDS SUB	5629	66kV	-	29,558	21,359	50,917	-	-	-	-	29,558	21,359	Non-ISO	
GRAPELAND PEAKER SUB	5630	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SAN ANTONIO SUB	5631	66kV	-	-	7,606	7,606	-	-	-	-	-	7,606	Non-ISO	
STODDARD SUB	5632	33kV & Below	-	130,605	-	130,605	-	-	-	-	130,605	-	Non-ISO	
SAN DIMAS SUB	5633	66kV	-	19,651	-	19,651	-	-	-	-	19,651	-	Non-ISO	
UPLAND SUB	5635	66kV	-	21,532	-	21,532	-	-	-	-	21,532	-	Non-ISO	
YUCAIPA SUB	5636	66kV	-	31,005	-	31,005	-	-	-	-	31,005	-	Non-ISO	
TIPPECANOE SUB	5637	33kV & Below	-	21,769	-	21,769	-	-	-	-	21,769	-	Non-ISO	
FRANCO SUB	5639	66kV	-	59,194	-	59,194	-	-	-	-	59,194	-	Non-ISO	
LAYFAIR SUB	5645	66kV	-	189,720	-	189,720	-	-	-	-	189,720	-	Non-ISO	
COLTON CEMENT SUB	5646	66kV	-	43,167	-	43,167	-	-	-	-	43,167	-	Non-ISO	
LINDE AIR SUB	5650	66kV	-	15,935	-	15,935	-	-	-	-	15,935	-	Non-ISO	
AMERON SUB	5652	66kV	-	531,131	-	531,131	-	-	-	-	-	531,131	Non-ISO	
REDUCTION SUB	5654	66kV	-	34,835	-	34,835	-	-	-	-	34,835	-	Non-ISO	
NOGALES SUB	5655	66kV	-	16,835	525,170	542,005	-	-	-	-	16,835	525,170	Non-ISO	
BAIN SUB	5656	66kV	-	704	-	704	-	-	-	-	704	-	Non-ISO	
PIPE SUB	5658	66kV	-	32,989	-	32,989	-	-	-	-	32,989	-	Non-ISO	
ARCHIBALD SUB	5659	66kV	-	-	206,393	206,393	-	-	-	-	-	206,393	Non-ISO	
RUNNING SPRINGS SUB	5661	33kV & Below	-	31,398	-	31,398	-	-	-	-	31,398	-	Non-ISO	
WHIRLEDON SUB	5664	66kV	-	1,282	17,343	18,626	-	-	-	-	1,282	17,343	Non-ISO	
ARCHLINE SUB	5667	66kV	-	12,856	-	12,856	-	-	-	-	12,856	-	Non-ISO	
CRESTMORE SUB	5668	66kV	-	14,975	-	14,975	-	-	-	-	14,975	-	Non-ISO	
DEL ROSA SUB	5670	66kV	-	-	17,327	17,327	-	-	-	-	-	17,327	Non-ISO	
WHIPPLE SUB	5674	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
LANDING SUB	5678	66kV	-	57,591	-	57,591	-	-	-	-	57,591	-	Non-ISO	
DIAMOND BAR SUB	5680	66kV	-	-	49,398	49,398	-	-	-	-	-	49,398	Non-ISO	
CUDAHY SUB	5714	66kV	-	85,156	-	85,156	-	-	-	-	85,156	-	Non-ISO	
FRUITLAND SUB	5718	66kV	-	12,712	-	12,712	-	-	-	-	12,712	-	Non-ISO	
FREMONT SUB	5720	66kV	-	6,957	-	6,957	-	-	-	-	6,957	-	Non-ISO	
PICO SUBSTATION	5722	66kV	-	105,305	-	105,305	-	-	-	-	105,305	-	Non-ISO	
HATHAWAY SUB	5726	66kV	-	37,411	-	37,411	-	-	-	-	37,411	-	Non-ISO	
ATHENS SUBSTATION	5727	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
LOCUST SUBSTATION	5735	33kV & Below	-	61,853	-	61,853	-	-	-	-	61,853	-	Non-ISO	
NAPLES SUBSTATION	5740	33kV & Below	-	-	114,340	114,340	-	-	-	-	-	114,340	Non-ISO	
THUMS "B" SUBSTATION	5742	66kV	-	23,963	-	23,963	-	-	-	-	23,963	-	Non-ISO	
SOMERSET SUBSTATION	5754	66kV	-	55,761	-	55,761	-	-	-	-	55,761	-	Non-ISO	
BULLIS SUBSTATION	5756	66kV	-	33,172	-	33,172	-	-	-	-	33,172	-	Non-ISO	
WATSON SUBSTATION	5758	66kV	-	-	3,790	3,790	-	-	-	-	-	3,790	Non-ISO	
Daisy SUBSTATION	5766	33kV & Below	-	30,708	-	30,708	-	-	-	-	30,708	-	Non-ISO	
LUCAS SUBSTATION	5771	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
DAVIDSON CITY	5779	33kV & Below	-	6,957	-	6,957	-	-	-	-	6,957	-	Non-ISO	
NEPTUNE SUBSTATION	5781	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
HEDDA SUB	5784	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SOUTH GATE SUBSTATION	5787	33kV & Below	-	-	17,255	17,255	-	-	-	-	-	17,255	Non-ISO	
BOVINE SUBSTATION	5788	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SEABRIGHT SUBSTATION	5790	66kV	-	29,034	-	29,034	-	-	-	-	29,034	-	Non-ISO	
MOVIE SUBSTATION	5798	66kV	-	1,963	17,658	19,621	-	-	-	-	1,963	17,658	Non-ISO	
VERA SUBSTATION	5801	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
BRYAN SUBSTATION	5808	66kV	-	62,236	-	62,236	-	-	-	-	62,236	-	Non-ISO	
CHUQUITA SUBSTATION	5811	66kV	-	-	58,207	58,207	-	-	-	-	-	58,207	Non-ISO	
MURPHY SUB	5812	66kV	-	20,469	-	20,469	-	-	-	-	20,469	-	Non-ISO	
CARMENITA SUBSTATION	5814	66kV	-	14,314	128,669	142,984	-	-	-	-	14,314	128,669	Non-ISO	
PARKWOOD SUBSTATION	5816	66kV	-	93,280	-	93,280	-	-	-	-	93,280	-	Non-ISO	
FAIRVIEW SUBSTATION	5821	66kV	-	37,527	-	37,527	-	-	-	-	37,527	-	Non-ISO	
WAVE SUBSTATION	5828	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
LA HABRA SUBSTATION	5832	66kV	-	-	17,125	17,125	-	-	-	-	-	17,125	Non-ISO	
LA MIRADA SUBSTATION	5834	66kV	-	52,769	-	52,769	-	-	-	-	52,769	-	Non-ISO	
MORRO SUBSTATION	5836	66kV	-	47,115	-	47,115	-	-	-	-	47,115	-	Non-ISO	
NARROWS SUB	5838	66kV	-	16,683	-	16,683	-	-	-	-	16,683	-	Non-ISO	
OCEANVIEW SUBSTATION	5842	66kV	-	-	58,101	58,101	-	-	-	-	-	58,101	Non-ISO	
ORANGE SUBSTATION	5843	66kV	-	39,533	-	39,533	-	-	-	-	39,533	-	Non-ISO	
SANTA ANA SUBSTATION	5849	33kV & Below	-	548,691	-	548,691	-	-	-	-	548,691	-	Non-ISO	
TALBERT SUB	5853	66kV	-	-	24,273	24,273	-	-	-	-	-	24,273	Non-ISO	
ALTON SUBSTATION	5860	66kV	241,262	-	-	241,262	-	-	-	241,262	-	-	Non-ISO	
CHESTNUT SUBSTATION	5861	66kV	-	15,616	-	15,616	-	-	-	-	15,616	-	Non-ISO	

SOUTHERN CALIFORNIA EDISON COMPANY  
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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non-ISO/Mix/Trans Line	High / Low Straddle Voltage
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
SULLIVAN SUBSTATION	5862	66kV	-	-	230,879	230,879	-	-	-	-	-	230,879	Non-ISO	
BARTOLO SUB	5863	33kV & Below	-	4,087	-	4,087	-	-	-	-	4,087	-	Non-ISO	
ESTRELLA SUBSTATION	5865	66kV	-	-	41,148	41,148	-	-	-	-	-	41,148	Non-ISO	
SHAWNEE SUBSTATION	5869	66kV	-	50,680	-	50,680	-	-	-	-	50,680	-	Non-ISO	
LA PALMA SUBSTATION	5873	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
TUSTIN SUBSTATION	5878	66kV	11,308	-	-	11,308	-	-	-	11,308	-	-	Non-ISO	
PIONEER SUB	5886	66kV	-	6,944	-	6,944	-	-	-	-	6,944	-	Non-ISO	
BORREGO SUBSTATION	5887	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
TELEGRAPH SUB	5892	66kV	-	12,346	96,987	109,334	-	-	-	-	12,346	96,987	Non-ISO	
PASSONS SUB	5893	66kV	-	3,215	-	3,215	-	-	-	-	3,215	-	Non-ISO	
NIGUEL SUBSTATION	5896	66kV	-	-	21,384	21,384	-	-	-	-	-	21,384	Non-ISO	
LAS LOMAS SUB	5902	66kV	4,664,177	-	-	4,664,177	-	-	-	4,664,177	-	-	Non-ISO	
ORANGE COUNTY REGION	6002	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
RIALTO COMB FAC. BLDG B&C	6011	Div Offices & Misc	-	2,770	-	2,770	-	-	-	-	2,770	-	Non-ISO	
CENTRAL ORANGE COUNTY DIS	6029	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
VENTURA S/C	6039	33kV & Below	-	566,817	-	566,817	-	-	-	-	566,817	-	Non-ISO	
BISHOP SERVICE CENTER	6085	33kV & Below	-	10,853	-	10,853	-	-	-	-	10,853	-	Non-ISO	
IMPERIAL COUNTY	7013	115kV	-	-	1,702	1,702	-	-	-	-	-	1,702	Non-ISO	
RIVERSIDE COUNTY	7033	33kV & Below	-	11,174	-	11,174	-	-	-	-	11,174	-	Non-ISO	
ROADWAY(CEP) SUB	8000	115kV	110,643	973,058	24,532,142	25,615,843	22,480	165,227	5,016,718	88,163	807,831	19,515,424	Mix	Low
PAUBAL(CEP) SUB	8003	115kV	106,825	919,616	11,376,833	12,403,275	-	-	-	106,825	919,616	11,376,833	Non-ISO	
THORNHILL(CEP) SUB	8004	115kV	25,609	1,169,400	11,725,249	12,920,257	-	-	-	25,609	1,169,400	11,725,249	Non-ISO	
STADLER(CEP) SUB	8005	115kV	139,611	1,062,841	12,475,956	13,678,408	-	-	-	139,611	1,062,841	12,475,956	Non-ISO	
RIVERTEX SUBSTATION	8007	115kV	-	124,407	-	124,407	-	-	-	-	124,407	-	Non-ISO	
PAN AERO (CEP) SUB	8009	115kV	-	58,798	668,910	727,708	-	-	-	-	58,798	668,910	Non-ISO	
PHELAN(CEP) SUB	8010	115kV	154,446	802,338	12,461,849	13,418,633	-	-	-	154,446	802,338	12,461,849	Non-ISO	
BANWIND SUBSTATION	8011	115kV	-	35,320	-	35,320	-	-	-	-	-	35,320	Non-ISO	
APPLE VALLEY(CEP) SUB	8013	115kV	-	1,389,452	10,474,144	11,863,596	-	-	-	-	1,389,452	10,474,144	Non-ISO	
BUNKER(CEP) SUB	8014	115kV	969,397	1,528,454	16,222,907	18,720,758	-	-	-	969,397	1,528,454	16,222,907	Non-ISO	
FARRELL(CEP) SUB	8016	115kV	-	715,679	17,906,977	18,622,655	-	-	-	-	715,679	17,906,977	Non-ISO	
CONCHO(CEP) SUB	8017	115kV	285,201	1,041,092	9,533,471	10,859,763	-	-	-	285,201	1,041,092	9,533,471	Non-ISO	
AULD(CEP) SUB	8018	115kV	83,538	1,248,637	20,068,821	21,400,637	-	-	-	83,538	1,248,278	20,068,821	Non-ISO	
MAXWELL(CEP) SUB	8019	115kV	33,940	530,026	11,995,862	12,559,828	-	-	-	33,940	530,026	11,995,862	Non-ISO	
SAVAGE(CEP) SUB	8020	115kV	29,280	1,477,177	14,737,644	16,244,101	-	-	-	29,280	1,477,177	14,737,644	Non-ISO	
PEPPER(CEP) SUB	8021	115kV	17,579	512,277	11,115,494	11,645,349	-	-	-	17,579	512,277	11,115,494	Non-ISO	
YUCCA(CEP) SUB	8022	115kV	19,474	666,241	11,822,378	12,508,094	-	-	-	19,474	666,241	11,822,378	Non-ISO	
BLACK MOUNTAIN(CEP) SUB	8023	115kV	-	912,016	953,886	912,016	-	-	-	-	912,016	-	Non-ISO	
ALESSANDRO(CEP) SUB	8024	115kV	45,514	2,732,789	27,041,777	29,820,080	-	-	-	45,514	2,732,789	27,041,777	Non-ISO	
BAKER(CEP) SUB	8025	115kV	-	250,900	2,806,592	3,057,492	-	-	-	-	250,900	2,806,592	Non-ISO	
BANNING(CEP) SUB	8026	115kV	20,210	1,586,414	16,631,676	18,238,299	-	-	-	20,210	1,586,414	16,631,676	Non-ISO	
COTTONWOOD(CEP) SUB	8027	115kV	22,426	1,796,115	11,561,373	13,379,914	-	-	-	22,426	1,796,115	11,561,373	Non-ISO	
EDWARDS(CEP) SUB	8028	115kV	-	2,137,840	20,068,821	22,206,661	-	-	-	-	2,137,840	20,068,821	Non-ISO	
HI DESERT(CEP) SUB	8029	115kV	1,154,541	2,612,000	18,805,490	22,572,031	-	-	-	1,154,541	2,612,000	18,805,490	Non-ISO	
MOUNTAIN PASS(CEP) SUB	8030	115kV	70,286	49,796	4,625,833	4,745,915	-	-	-	70,286	49,796	4,625,833	Non-ISO	
RANDBURG(CEP) SUB	8031	115kV	116	421,799	7,651,571	8,073,486	-	-	-	116	421,799	7,651,571	Non-ISO	
ROCKET TEST(CEP) SUB	8032	115kV	-	18,045	283,935	301,980	-	-	-	-	18,045	283,935	Non-ISO	
SEARLES(CEP) SUB	8033	115kV	112,531	7,377,487	7,490,018	7,490,018	-	-	-	112,531	7,377,487	7,490,018	Non-ISO	
ZANJA(CEP) SUB	8035	115kV	152,559	1,733,643	9,563,294	11,449,496	-	-	-	152,559	1,733,643	9,563,294	Non-ISO	
SANTA ROSA(CEP) SUB	8036	115kV	44,689	803,291	21,731,264	22,579,243	-	-	-	44,689	803,291	21,731,264	Non-ISO	
NELSON(CEP) SUB	8038	115kV	22,819	1,337,012	14,826,809	16,186,641	-	-	-	22,819	1,337,012	14,826,809	Non-ISO	
HOMART(CEP) SUB	8039	115kV	174,875	714,274	5,757,008	6,646,156	-	-	-	174,875	714,274	5,757,008	Non-ISO	
HOLGATE(CEP) SUB	8041	115kV	27,167	405,785	2,908,479	3,291,430	-	-	-	27,167	405,785	2,908,479	Non-ISO	
CALECTRIC SUB (CEP)	8042	115kV	27,870	2,673,189	23,483,105	26,184,164	-	-	-	27,870	2,673,189	23,483,105	Non-ISO	
GARNET SUB	8044	115kV	34,673	1,742,103	18,029,843	19,806,619	-	-	-	34,673	1,742,103	18,029,843	Non-ISO	
ID TIE SUB	8045	115kV	39,144	-	23,873	63,017	-	-	-	-	23,873	-	Non-ISO	
TIEFORT SUB	8047	115kV	-	218,704	1,530,163	1,748,867	-	-	-	-	218,704	1,530,163	Non-ISO	
USBR BLYTHE SUB	8048	161kV	-	64,707	8,456,441	8,521,148	-	-	-	-	64,707	8,456,441	Non-ISO	
SN ONOFRE SWTHRK-100KSC	8055	220kV	-	1,796,202	12,504,758	14,300,960	1,372,343	-	8,529,674	-	423,859	3,975,084	Mix	High
PUREWATER SUB	8059	115kV	-	175,506	1,357,312	1,532,818	-	-	-	-	175,506	1,357,312	Non-ISO	
WHIRLWIND SUB	8060	500kV	-	37,749,928	201,514,222	239,264,150	-	37,749,928	-	201,514,222	-	-	ISO	High
SEAWIND I/S	8061	115kV	2,976	463	315,815	319,255	-	-	-	2,976	463	315,815	Non-ISO	
TIFFANYWIND SUB	8064	115kV	-	11,459	-	11,459	-	-	-	-	-	11,459	Non-ISO	
ALBERHILL SUB	8065	500kV	1,285,900	-	-	1,285,900	673,812	-	-	-	612,088	-	Mix	High
NUSED GALE	8067	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
CARDEAN	8072	115kV	-	1,594,106	15,774,986	17,369,092	-	-	-	-	1,594,106	15,774,986	Non-ISO	
KYVGLEN SUB	8073	115kV	166,697	2,179,684	17,104,631	19,451,012	-	-	-	166,697	2,179,684	17,104,631	Non-ISO	
COOL WATER SWITCHRACK 1.2	8074	220kV	-	61,762	1,984,278	2,046,039	-	49,400	1,395,458	-	12,362	588,819	Mix	High
HIGHGROVE SWITCHRCK	8075	115kV	7,139	178,624	1,813,749	1,999,511	-	-	-	7,139	178,624	1,813,749	Non-ISO	
SUN CITY(NEW)	8078	115kV	119,513	1,940,376	14,880,345	16,940,234	-	-	-	119,513	1,940,376	14,880,345	Non-ISO	
AQUEDUCT SUB	8079	115kV	2,880	937,785	11,493,198	12,433,862	-	-	-	2,880	937,785	11,493,198	Non-ISO	
MENTONE SUB	8082	115kV	161,883	971,971	8,836,598	9,970,452	-	-	-	161,883	971,971	8,836,598	Non-ISO	
HIGHWIND SUB	8084	220kV	-	6,985,990	4,145,964	11,131,954	6,985,990	-	4,145,964	-	-	-	ISO	High
CAJALCO SUB	8086	115kV	25,836	1,003,523	11,493,421	12,522,780	-	-	-	25,836	1,003,523	11,493,421	Non-ISO	
HESPERIA SUB	8087	115kV	22,150	551,353	12,789,938	13,363,441	-	-	-	22,150	551,353	12,789,938	Non-ISO	
SKYLARK SUB	8088	115kV	81,206	2,656,383	14,6									

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non-ISO/Mix/Trans Line	High / Low Straddle Voltage
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment	A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		
SUNSHINE SWITCHYARD SUB	8150	66kV	-	11,776	-	11,776	-	-	-	-	11,776	-	Non-ISO	
GLEN IVY SUB	8152	33kV & Below	-	15,642	27,225	42,866	-	-	-	-	15,642	27,225	Non-ISO	
NUGGET SUB	8156	33kV & Below	-	38,810	-	38,810	-	-	-	-	38,810	-	Non-ISO	
EL SOBRANTE SUB	8159	33kV & Below	-	24,846	-	24,846	-	-	-	-	24,846	-	Non-ISO	
HARVARD SUB	8161	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
DEFRAN SUB	8162	33kV & Below	-	41,774	-	41,774	-	-	-	-	41,774	-	Non-ISO	
HELENDALE SUB	8163	33kV & Below	-	15,110	81,054	96,165	-	-	-	-	15,110	81,054	Non-ISO	
INTOKERN TOWN SUB	8170	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
JOSHUA TREE SUB	8172	33kV & Below	-	9,177	-	9,177	-	-	-	-	9,177	-	Non-ISO	
Lakeview	8179	115kV	1,488,635	-	-	1,488,635	-	-	-	1,488,635	-	-	Non-ISO	
BOTTLE SUB	8182	115kV	-	209,778	1,283,195	1,492,973	-	-	-	-	209,778	1,283,195	Non-ISO	
MINNEOLA SUB	8190	33kV & Below	-	-	5,725	5,725	-	-	-	-	-	5,725	Non-ISO	
MORENO SUB	8193	115kV	104,923	786,407	6,349,863	7,241,193	-	-	-	104,923	786,407	6,349,863	Non-ISO	
MURRIETA 2 SUB	8195	33kV & Below	-	20,720	21,911	42,631	-	-	-	-	20,720	21,911	Non-ISO	
MURRIETA SUB	8196	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SOUTHCAP SUB	8197	115kV	-	-	882,819	882,819	-	-	-	-	-	882,819	Non-ISO	
MUSCOY SUB	8198	33kV & Below	-	-	132,416	132,416	-	-	-	-	-	132,416	Non-ISO	
BELDING SUB	8204	33kV & Below	-	48,986	-	48,986	-	-	-	-	48,986	-	Non-ISO	
NORTH INTAKE SUB	8205	33kV & Below	-	13,741	-	13,741	-	-	-	-	13,741	-	Non-ISO	
NORTH MUROC SUB	8206	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
HOLIDAY SUB	8207	33kV & Below	-	-	-	19,356	-	-	-	-	19,356	-	Non-ISO	
OLIVE LAKE SUB	8210	33kV & Below	-	558	-	558	-	-	-	-	558	-	Non-ISO	
ORDWAY SUB	8211	33kV & Below	-	15,611	-	15,611	-	-	-	-	15,611	-	Non-ISO	
ORO GRANDE SUB	8212	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
PALM CANYON SUB	8214	33kV & Below	-	60,590	-	60,590	-	-	-	-	60,590	-	Non-ISO	
PALM VILLAGE SUB	8215	33kV & Below	-	46,196	-	46,196	-	-	-	-	46,196	-	Non-ISO	
PEERLESS SUB	8216	33kV & Below	-	-	7,635	7,635	-	-	-	-	-	7,635	Non-ISO	
GAVILAN SUB	8219	33kV & Below	-	29,892	-	29,892	-	-	-	-	29,892	-	Non-ISO	
LUCERNE SUB	8220	33kV & Below	-	13,167	-	13,167	-	-	-	-	13,167	-	Non-ISO	
RANCHO SUB	8222	33kV & Below	-	6,894	2,107	9,001	-	-	-	-	6,894	2,107	Non-ISO	
RIALTO SUB	8225	33kV & Below	-	17,716	30,776	48,492	-	-	-	-	17,716	30,776	Non-ISO	
RIDGECREST SUB	8226	33kV & Below	-	-	17,438	17,438	-	-	-	-	-	17,438	Non-ISO	
RUBIDOUX SUB	8231	33kV & Below	-	6,317	-	6,317	-	-	-	-	6,317	-	Non-ISO	
SAN JACINTO SUB	8234	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SILVER SPUR SUB	8238	33kV & Below	-	8,994	-	8,994	-	-	-	-	8,994	-	Non-ISO	
SIXTEENTH STREET SUB	8239	33kV & Below	-	34,308	-	34,308	-	-	-	-	34,308	-	Non-ISO	
SUNNY DUNES SUB	8244	33kV & Below	-	13,259	-	13,259	-	-	-	-	13,259	-	Non-ISO	
TEMESCAL SUB	8250	33kV & Below	-	-	4,236	4,236	-	-	-	-	-	4,236	Non-ISO	
THUNDERBIRD SUB	8251	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
TRONA SUB	8252	33kV & Below	-	6,499	-	6,499	-	-	-	-	6,499	-	Non-ISO	
TWENTYNINE PALMS SUB	8255	33kV & Below	-	11,480	-	11,480	-	-	-	-	11,480	-	Non-ISO	
VICTORVILLE SUB	8260	33kV & Below	-	18,135	22,159	40,294	-	-	-	-	18,135	22,159	Non-ISO	
PEREZ SUB	8263	33kV & Below	-	29,219	-	29,219	-	-	-	-	29,219	-	Non-ISO	
WHITEWATER SUB	8266	33kV & Below	-	28,566	-	28,566	-	-	-	-	28,566	-	Non-ISO	
WILDE SUB	8267	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
YERMO SUB	8268	33kV & Below	-	23,195	-	23,195	-	-	-	-	23,195	-	Non-ISO	
TERAJA SUBSTATION	8270	115kV	-	17,764	21,919	39,683	-	-	-	-	17,764	21,919	Non-ISO	
IRON MT SCE	8273	33kV & Below	-	8,651	-	8,651	-	-	-	-	8,651	-	Non-ISO	
CORONA SUB	8279	66kV	-	5,855	-	5,855	-	-	-	-	5,855	-	Non-ISO	
GALE SUB	8283	115kV	-	533,657	5,137,407	5,671,064	-	-	-	-	533,657	5,137,407	Non-ISO	
GOLD HILL SUB	8294	33kV & Below	-	6,894	-	6,894	-	-	-	-	6,894	-	Non-ISO	
TORTILLA SUB	8295	115kV	-	48,114	-	48,114	-	-	-	-	48,114	-	Non-ISO	
FORGE SUB	8297	66kV	-	28,209	-	28,209	-	-	-	-	28,209	-	Non-ISO	
BUCKWIND	8301	115kV	-	38,186	752,092	790,277	-	-	-	-	38,186	752,092	Non-ISO	
CAPWIND	8302	115kV	-	29,827	575,051	604,878	-	-	-	-	29,827	575,051	Non-ISO	
RENEWIND	8303	115kV	-	51,653	806,250	857,902	-	-	-	-	51,653	806,250	Non-ISO	
SANWIND	8304	115kV	-	408,189	-	408,189	-	-	-	-	408,189	-	Non-ISO	
TRANSWIND	8305	115kV	-	25,366	1,061,136	1,086,501	-	-	-	-	25,366	1,061,136	Non-ISO	
VENWIND	8306	115kV	-	26,170	2,314,603	2,340,774	-	-	-	-	26,170	2,314,603	Non-ISO	
ALTWIND	8308	115kV	-	104,216	492,639	596,855	-	-	-	-	104,216	492,639	Non-ISO	
TERAWIND	8310	115kV	-	5,398	226,460	231,859	-	-	-	-	5,398	226,460	Non-ISO	
INDIGO SUBSTATION	8311	115kV	-	4,899	630,060	634,959	-	-	-	532	4,899	630,060	Non-ISO	
CALGEN	8312	115kV	532	6,214	432,703	439,450	-	-	-	-	6,214	432,703	Non-ISO	
MCGEN	8314	115kV	-	98,551	1,464,676	1,563,227	-	-	-	-	98,551	1,464,676	Non-ISO	
SEG5 II	8320	115kV	-	45,594	-	45,594	-	-	-	-	45,594	-	Non-ISO	
SEG5 III	8321	115kV	-	302,998	1,500,988	1,803,986	-	-	-	-	302,998	1,500,988	Non-ISO	
SEG5 IV	8322	115kV	-	280,602	1,436,048	1,716,650	-	-	-	-	280,602	1,436,048	Non-ISO	
SEG5 V	8323	115kV	-	269,348	1,334,307	1,603,655	-	-	-	-	269,348	1,334,307	Non-ISO	
SEG5 VI	8324	115kV	-	299,531	1,516,716	1,816,248	-	-	-	-	299,531	1,516,716	Non-ISO	
SEG5 VII	8325	115kV	-	308,651	1,642,274	1,950,925	-	-	-	-	308,651	1,642,274	Non-ISO	
SEG5 VIII	8326	220kV	-	-	83,150	83,150	-	-	-	-	-	83,150	Non-ISO	
SEG5 IX	8327	220kV	-	-	74,085	74,085	-	-	-	-	-	74,085	Non-ISO	
SOPORT	8340	115kV	-	42,538	654,012	696,550	-	-	-	-	42,538	654,012	Non-ISO	
NEWCOMB	8342	115kV	51,172	1,318,127	12,123,137	13,492,436	-	-	-	51,172	1,318,127	12,123,137	Non-ISO	
ELSNORE	8343	115kV	20,961	1,435,426	16,888,945	20,145,311	-	-	-	20,961	1,435,426	16,888,945	Non-ISO	
SOUTH BASE SUB	8344	115kV	12,179	172,017	2,201,354	2,405,390	-	-	-	12,179	172,017	2,201,354	Non-ISO	
INDIAN WELLS SUB	8345	115kV	222,600	954,064	14,192,396	15,369,064	-	-	-	222,600	954,064	14,192,396	Non-ISO	
PECHANGA SUB	8347	115kV	560,579	1,276,125	14,082,026	15,918,730	-	-	-	560,579	1,276,125	14,082,026	Non-ISO	
MORAGA	8348	115kV	40,720	745,980	20,185,562	20,972,262	-	-	-	40,720	745,980	20,185,562	Non-ISO	
TANKER SUBSTATION	8351	115kV	120	4,440	953,999	958,559	-	-	-	120	4,440	953,999	Non-ISO	
PULPUS SUBSTATION	8353	115kV	-	-	151,193	151,193	-	-	-	-	-	151,193	Non-ISO	
AFG SUBSTATION	8354	115kV	-	78,655	1,082,686	1,161,340	-	-	-	-	78,655	1,082,686	Non-ISO	
RECTIFIER SUB	8357	115kV	-	5,170	1,102,037	1,107,206	-	-	-	-	5,170	1,102,037	Non-ISO	
MOUNTWIND SUBSTATION	8359	115kV	-	-	43,045	43,045	-	-	-	-	-	43,045	Non-ISO	
COSO SUB	8361	115kV</												



SOUTHERN CALIFORNIA EDISON COMPANY  
12-31-2023 Facilities  
TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non-ISO/Mix/Trans Line	High / Low Straddle Voltage
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
TRANS/SUB SUPPORT SERV	9047	Div Offices & Misc	-	-	103,895,978	103,895,978	-	-	-	-	-	103,895,978	Non-ISO	
INFO TECH-GO2	9077	Div Offices & Misc	-	-	9,285,586	9,285,586	-	-	-	-	-	9,285,586	Non-ISO	
GENERAL OFFICE #5 - GOS	9201	Div Offices & Misc	-	-	-	-	-	-	-	-	-	-	Non-ISO	
PROP SVCS-SN GBRL VAL REG	9285	Div Offices & Misc	-	-	37,054	37,054	-	-	-	-	-	37,054	Non-ISO	
REAL PROP-LAND SVCS-STHRN	9287	Misc	-	12,869	-	12,869	-	-	-	-	12,869	-	Non-ISO	
ALHAMBRA COMM SITE	9300	Misc	-	-	9,775	9,775	-	-	-	-	-	9,775	Non-ISO	
TELECOMM-ALHAMBRA	9310	Misc	327,844	-	-	327,844	-	-	-	327,844	-	-	Non-ISO	
WESTMINSTER FENWICK BLDG	9440	Div Offices & Misc	-	8,929	-	8,929	-	-	-	-	8,929	-	Non-ISO	
TELECOMM BUSINESS VENTURE	9597	Div Offices & Misc	-	-	-	-	-	-	-	-	-	-	Non-ISO	
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	631	-	-	631	-	-	-	631	-	-	Non-ISO	
CUMMINGS SUB	5357	66kV	64,630	-	119,219	183,849	-	-	-	64,630	-	119,219	Non-ISO	
MONOLITH SUB	5358	66kV	-	234	1,156,662	1,156,662	-	-	-	-	234	1,156,662	Non-ISO	
ACTON SUB	5365	66kV	24,167	-	15,397	39,564	-	-	-	24,167	-	15,397	Non-ISO	
DEL SUR SUB	5508	66kV	-	-	424,747	424,747	-	-	-	-	-	424,747	Non-ISO	
GOLDTOWN SUB	5511	66kV	-	-	526,259	526,259	-	-	-	-	-	526,259	Non-ISO	
LANCASTER SUB	5514	66kV	-	-	1,071,949	1,071,949	-	-	-	-	-	1,071,949	Non-ISO	
LITTLE ROCK SUB	5518	66kV	-	-	1,690,353	1,690,353	-	-	-	-	-	1,690,353	Non-ISO	
SHUTTLE SUB	5522	66kV	-	-	911,750	911,750	-	-	-	-	-	911,750	Non-ISO	
REDMAN WUB	5530	66kV	-	89,829	275,391	365,220	-	-	-	-	89,829	275,391	Non-ISO	
ANAVEVERE SUB	5539	66kV	-	-	76,359	76,359	-	-	-	-	-	76,359	Non-ISO	
ROSA MOND SUB	5541	66kV	-	66,626	652,233	718,859	-	-	-	-	66,626	652,233	Non-ISO	
PIUTE SUB	5545	66kV	-	11,023	149,257	160,280	-	-	-	-	11,023	149,257	Non-ISO	
OASIS SUB	5548	66kV	-	-	397,008	397,008	-	-	-	-	-	397,008	Non-ISO	
CAL CEMENT SUB	5553	66kV	-	15,551	367,757	383,308	-	-	-	-	15,551	367,757	Non-ISO	
PALMDALE SUB	5564	66kV	-	-	644,295	644,295	-	-	-	-	-	644,295	Non-ISO	
QUARTZ HILL SUB	5566	66kV	-	19,046	220,467	239,513	-	-	-	-	19,046	220,467	Non-ISO	
HELIET SUB	5599	66kV	-	-	499,396	499,396	-	-	-	-	-	499,396	Non-ISO	
RITTER SUB	8504	66kV	942,487	17,386	-	959,873	-	-	-	942,487	17,386	-	Non-ISO	
BIG CREEK NO.1	2211	220kV	-	277,659	14,222,206	14,499,865	-	139,857	7,629,101	-	137,801	6,593,105	Mix	High
BIG CREEK NO.8	2229	220kV	-	282,649	4,214,867	4,497,516	-	169,072	2,521,204	-	113,577	1,693,663	Mix	High
BIG CREEK NO.3	2230	220kV	-	2,536,133	27,640,735	30,176,869	-	1,723,608	18,785,209	-	812,525	8,855,526	Mix	High
CONTROL STATION	2256	115kV	-	1,561,309	15,848,709	17,510,018	-	1,269,727	12,431,356	-	391,583	3,417,353	Mix	High
T.M. GOODRICH SUB-PASADEN	5010	220kV	-	647,256	36,647	683,903	-	647,256	36,647	-	-	-	ISO	High
EAGLE ROCK SUB	5011	220kV	19,613	4,970,799	39,945,769	44,936,181	3,584	907,510	7,299,603	16,029	4,063,289	32,646,167	Mix	High
MESA SUB	5012	220kV	2,031,347	155,338,813	458,105,303	615,475,463	1,414,537	97,851,043	329,323,337	616,810	57,487,770	128,781,966	Mix	High
RIO HONDO SUB	5013	220kV	457,530	10,776,886	89,622,283	100,856,699	119,147	2,806,439	23,338,849	338,383	7,970,446	66,283,434	Mix	High
WALNUT SUB	5014	220kV	270,955	7,271,648	65,370,357	72,739,959	29,570	2,195,117	19,733,568	68,385	5,076,531	55,636,789	Mix	High
GOULD SUB	5015	220kV	29,300	1,606,110	34,689,578	36,324,988	10,049	550,815	11,896,781	19,252	1,055,295	22,792,797	Mix	High
DRYCREEKWIND SUB	5018	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
LA FRESA SUB	5021	220kV	101,370	17,390,342	138,456,029	155,947,741	19,268	3,317,780	26,304,799	82,102	14,072,562	112,151,230	Mix	High
EL NIDO SUB	5023	220kV	285,620	18,520,882	61,594,975	80,401,477	87,386	5,664,690	18,846,970	198,234	12,856,192	42,748,005	Mix	High
LA CIENEGA SUB	5024	220kV	2,100,227	6,981,161	55,259,858	64,341,246	516,475	1,682,026	15,623,939	1,589,175	5,299,135	41,635,948	Mix	High
ALAMITOS SWITCHRACK SUB	5025	220kV	62,281	9,416,604	48,806,657	58,285,542	19,072	2,880,217	14,948,707	43,210	6,536,387	33,857,950	Mix	High
LG BCH SWITCHRACK SUB	5027	220kV	97,213	1,377,421	6,846,026	8,320,660	23,235	329,219	1,636,277	73,978	1,048,202	5,209,749	Mix	High
REDONDO SWITCHRACK SUB	5028	220kV	13,018	39,761	6,629,484	6,682,264	9,699	29,624	4,939,388	3,319	5,050	10,137	Mix	High
EDMONSTON SUBSTATION	5029	220kV	-	5,050	-	5,050	-	-	-	-	-	-	Non-ISO	
MAGNUSON SUB	5031	220kV	8,363	7,585,488	27,336,912	34,930,763	7,987	7,244,152	26,106,792	376	341,336	1,230,120	Mix	High
RECTOR SUB	5033	220kV	394,745	34,392,461	127,693,951	162,481,156	219,295	19,079,104	70,965,621	175,450	15,313,357	56,728,330	Mix	High
SPRINGVILLE SUB	5034	220kV	12,198	3,780,200	57,352,128	61,144,526	4,711	1,403,879	22,207,439	7,487	2,376,320	35,144,690	Mix	High
VESTAL SUB	5035	220kV	7,235	2,105,368	60,256,195	62,368,798	3,551	977,225	29,631,409	3,684	1,128,143	30,624,786	Mix	High
OMAR SUB	5037	220kV	-	36,798	-	36,798	-	-	-	-	-	36,798	Non-ISO	
EAGLE MT. SUB	5040	220kV	-	656,449	36,547,519	37,203,969	-	315,676	19,103,349	340,773	17,444,170	20,889,942	Mix	Straddle
CIMA SUB	5043	220kV	1,824	199,509	4,511,395	4,712,727	146	12,992	362,999	1,678	186,517	4,148,396	Mix	High
MANDALAY SWITCHRACK SUB	5048	220kV	49,104	172,489	6,931,459	7,153,053	-	-	-	49,104	172,489	6,931,459	Non-ISO	
PARDEE SUB	5050	220kV	970,263	23,436,835	61,076,916	85,484,015	901,261	21,770,071	56,733,293	69,002	1,666,764	4,343,624	Mix	High
ANTELOPE SUB	5052	500kV	21,983	9,809,983	218,184,648	228,016,614	21,969	9,804,270	218,048,711	14	5,713	135,937	Mix	Straddle
SANTA CLARA SUB	5053	220kV	140,739	5,259,506	62,118,819	67,519,064	38,134	1,425,089	16,831,393	102,605	3,838,418	45,287,425	Mix	High
GOLETA SUB	5055	220kV	236,194	7,556,983	46,110,778	53,903,954	63,574	2,032,683	12,412,589	172,619	5,524,300	33,698,189	Mix	High
MOORPARK SUB	5056	220kV	184,091	13,666,411	91,905,082	105,755,584	50,490	3,748,241	25,206,504	133,601	9,918,169	66,698,578	Mix	High
BAILEY SUB	5059	220kV	-	10,622,295	30,869,522	41,602,889	111,063	10,622,295	30,869,522	-	-	-	ISO	Straddle
PADUA SUB	5060	220kV	149,547	5,371,703	61,850,937	67,372,187	55,980	2,005,409	23,157,856	93,568	3,366,295	38,693,081	Mix	High
CHINO SUB	5062	220kV	34,437	23,676,294	143,676,602	167,387,133	10,457	13,119,012	37,668,080	23,980	10,457,282	106,008,522	Mix	High
JULIAN HINDS SUB	5063	220kV	-	1,890,578	24,274,795	26,165,373	-	1,874,511	24,068,486	-	16,068	206,309	Mix	High
VISTA SUB	5064	220kV	52,109	29,925,895	107,216,888	137,194,892	11,827	6,190,442	24,935,538	40,282	23,735,453	82,281,350	Mix	High
DEVERS SUB	5067	500kV	1,370,096	69,980,245	270,650,841	342,001,183	1,048,868	52,886,071	207,881,862	321,228	17,094,174	62,768,979	Mix	High
MIRA LOMA SUB	5069	500kV	474,504	65,539,945	259,309,717	325,324,156	372,419	51,439,472	203,525,180	102,086	14,100,473	55,784,537	Mix	High
HINSON SUB	5071	220kV	678,278	9,977,939	54,096,728	63,752,944	106,589	1,396,294	8,515,689	571,688	7,581,645	45,581,039	Mix	High
LIGHTHIPE SUB	5073	220kV	164,680	15,263,438	40,698,739	56,126,857	59,238	5,478,208	14,652,415	105,441	9,785,230	26,046,324	Mix	High
LAGUNA BELL SUB	5074	220kV	131,263	5,294,924	102,617,446	108,043,633	24,741	1,055,380	19,284,327					

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO Non-ISO	High / Low Straddle Voltage
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
COLORADO RIVER SUB	8367	500KV	-	40,394,838	172,034,332	212,429,170	-	40,394,838	172,034,332	-	-	-	ISO	High
115KV47 SUB	115445	115KV	-	4,398,452	16,251,905	20,650,357	-	-	-	-	-	-	Non-ISO	
MIDWAY-VINCENT LINES 1&2	4026	500KV	2,927,515	8,464	27,105	2,963,084	2,927,515	8,464	27,105	-	4,398,452	16,251,905	Trans Line	
DWP-EDSN CELLO-SYLVR LN	4031	1000KV	-	95,841	-	95,841	-	95,841	-	-	-	-	Trans Line	
DWP-EDSN CELLO-SYLVR LN R	4034	1000KV	-	541	-	541	-	-	-	-	541	-	Trans Line	
PARDEE-SYLVAR LINES 1&2	4045	220KV	-	187,650	106,089	293,739	187,650	106,089	-	-	-	-	Trans Line	
EAGLE ROCK-SYLVAR LN	4046	220KV	-	186,657	-	186,657	186,657	-	-	-	-	-	Trans Line	
PARDEE-VINCENT LINE CONST	4059	220KV	-	13,002	-	13,002	-	-	-	13,002	-	-	Trans Line	
IRON HONDO-VINCENT LN 2	4070	220KV	-	61,040	-	61,040	-	-	-	61,040	-	-	Trans Line	
COGEN/RENEWABLE ENERGY SO	4101	220KV	1,551,806	4,091,577	98,475	5,741,857	1,505,957	3,970,689	95,565	45,849	120,888	2,909	Trans Line	
ISO 66KV LINES	4102	220KV	1,466,128	-	-	1,466,128	902,232	-	-	563,895	-	-	Trans Line	
ISO 66KV T/L	4103	66KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
DEVERS-HINS LN, OTHERS	4104	220KV	15,464,432	82,149	30,139	15,576,720	15,028,674	79,834	29,289	435,758	2,315	849	Trans Line	
33 & 66 KV LINES	4105	66KV	34,423,691	17,755,985	2,071,087	54,250,762	277,602	143,189	16,702	34,146,089	17,612,796	2,054,385	Trans Line	
S/D, 66KV LINES	4805	66KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
COGEN/RENEW ENGY SOURCES	4106	115KV	-	-	-	688,130	-	-	-	688,130	-	-	Trans Line	
ANTELOPE/MESA LINE, OTHER	4107	220KV	4,278,569	1,559,331	-	5,837,901	4,278,569	1,559,331	-	-	-	-	Trans Line	
CHINO-SERRANO/SN ONFRE LN	4108	220KV	-	4,568,761	-	12,641,014	8,072,253	4,568,761	-	-	-	-	Trans Line	
VARIOUS 220KV LINES	4808	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
COACHELLA VALLEY-DEVERS (SEE PORTION)	4109	220KV	-	25,255	-	25,255	-	25,255	-	-	-	-	Trans Line	
COACHELLA VALLEY - DEVERS 220 KV Line	4509	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
BIG CRK 3-BIG CRK 4	4111	220KV	1,944	-	-	1,944	-	-	-	1,944	-	-	Trans Line	
BIGCRK-SPRGVL, MGDN-SPRGV	4113	220KV	874,872	23,989	-	898,860	874,872	23,989	-	-	-	-	Trans Line	
ALAMITOS-MESA LN, OTHERS	4114	220KV	3,210,534	1,756,038	661,182	5,627,754	2,987,432	1,634,010	615,236	223,102	122,028	45,946	Trans Line	
HINSON-LIGHTHIPE 1&2	4115	220KV	1,607,024	616,675	2,149	2,225,848	1,607,024	616,675	2,149	-	-	-	Trans Line	
HINSON-LIGHTHIPE 1, 2	4115	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
HINSON-LAFRESA, OTHERS	4116	220KV	3,594,552	770,312	2,065	4,366,929	3,455,497	740,512	1,985	139,055	29,800	80	Trans Line	
HINSON-LA FRESA	4416	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
ELDRDO-CIMA-PISGAH LN1,2	4117	220KV	1,139,094	-	12,857	1,329,262	1,124,342	175,014	12,691	14,752	2,296	167	Trans Line	
MIRA LMA-VLL PK LNS, OTHR	4118	220KV	1,177,211	173,219	33,582	12,653,987	11,247,186	1,373,219	33,582	-	-	-	Trans Line	
CENTER-MESA LN, OTHRS	4119	220KV	2,101,459	1,018,371	101	3,119,830	2,101,459	1,018,371	101	-	-	-	Trans Line	
ALAMITOS-CENTER, OTHERS	4120	220KV	4,380,988	951,405	905,123	6,237,516	3,973,578	862,929	820,951	407,410	88,476	84,172	Trans Line	
KERN RIVER #1-GORMAN 66KV	4202	66KV	-	1,430	-	1,430	-	-	-	-	1,430	-	Trans Line	
ALAMITOS-CENTER.....	4420	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
BIG CREEK 4-SPRNGVL-MGDN	4121	220KV	209,639	360,517	-	570,171	209,639	360,517	-	-	-	-	Trans Line	
LUGO-VINCENT LINES 1&2	4123	500KV	1,749,466	620,897	16,633	2,386,997	1,749,466	620,897	16,633	-	-	-	Trans Line	
BIG CRK 1-CMP TEN--PRTL	4124	66KV	485	-	-	485	-	-	-	485	-	-	Trans Line	
GOLETA-SANTA CLARA, OTHERS	4125	220KV	13,310,983	3,051,291	1,918	16,364,192	10,305,524	2,362,346	1,485	3,005,459	688,945	433	Trans Line	
NORTH BOULDER-MEAD, OTHER	4127	220KV	19,842	-	-	19,842	-	-	-	19,842	-	-	Trans Line	
KERN RIVERS-VESTAL 66 KV	4129	66KV	-	31,413	-	31,413	-	-	-	31,413	-	-	Trans Line	
MOHAVE-LUGO 500KV	4130	500KV	157,990	-	-	157,990	-	-	-	157,990	-	-	Trans Line	
CUMMINGS-KERN RV1, OTH	4132	66KV	3,146	-	-	3,146	-	-	-	3,146	-	-	Trans Line	
BOREL-----WALKER 66KV LN	4133	66KV	46,874	-	-	46,874	-	-	-	46,874	-	-	Trans Line	
LUGO-VICTOR LNS, OTHER	4135	220KV	2,604,350	164,862	-	2,769,213	1,427,272	90,350	-	1,177,078	74,512	-	Trans Line	
LUGO-ELDORADO LN	4136	500KV	1,330,373	-	-	1,330,373	1,330,373	-	-	-	-	-	Trans Line	
LUGO-ELDORADO LN	4137	500KV	16,589	-	-	16,589	-	-	-	-	-	-	Trans Line	
LUGO-MIRA LOMA 2&3	4138	500KV	9,748,980	3,254,686	98	13,003,764	9,723,467	3,246,169	98	25,513	8,517	0	Trans Line	
SPRGVL-TULE 66KV LN	4139	66KV	517	-	-	517	-	-	-	517	-	-	Trans Line	
MOHAVE-LUGO 500 KV LN	4140	500KV	278,112	1,970,616	-	2,248,727	278,112	1,970,616	66	-	-	-	Trans Line	
MOHAVE-ELDORADO LN	4141	500KV	1,192,322	-	-	1,192,322	-	-	-	-	-	-	Trans Line	
BIGCRK-WELDON 66KV LN	4142	66KV	25,409	-	3,488	28,897	-	-	-	25,409	-	3,488	Trans Line	
ELDORADO-BORDER 500 KV LN	4143	500KV	6,167	-	-	6,167	-	-	-	-	-	-	Trans Line	
ELDORADO-MEAD LNS 1&2	4144	220KV	9,994	-	-	9,994	-	-	-	-	-	-	Trans Line	
VINCENT-PARDEE LN 2	4147	220KV	3,884,037	-	1,880	3,885,917	-	-	-	3,884,037	-	1,880	Trans Line	
MIRA LOMA-SERRANO LN	4148	500KV	1,733,248	-	-	1,733,248	-	-	-	-	-	-	Trans Line	
SANTA ANA LNS 1,2,3	4149	33KV & Below	232	-	-	232	-	-	-	232	-	-	Trans Line	
VINCENT-PEARLBLOSSOM LN	4153	220KV	309,032	-	-	309,032	-	-	-	309,032	-	-	Trans Line	
LUGO-VICTORVLL EDSON-DWP	4154	500KV	747,718	51,478	-	799,195	747,718	51,478	-	-	-	-	Trans Line	
MIDWAY-VINCENT LN 3	4155	500KV	5,825,616	-	-	5,825,616	-	-	-	-	-	-	Trans Line	
ELLIS-SANTIAGO LNS 1, 2	4156	220KV	12,018,447	-	-	12,018,447	-	-	-	-	-	-	Trans Line	
IRON HONDO-VINCENT LN 2	4157	220KV	105,605	18,610	-	124,216	105,605	18,610	-	-	-	-	Trans Line	
LUCERNE-LUGO/MIRA LOMA LN	4158	500KV	498,252	-	-	498,252	-	-	-	498,252	-	-	Trans Line	
BIG CRK 2-BIG CRK 8	4166	220KV	9,034	-	-	9,034	-	-	-	-	-	-	Trans Line	
BIG CRK 3-MAMMOTH POOL	4168	220KV	4,331	-	-	527,846	-	-	-	4,331	523,515	-	Trans Line	
BIG CRK 1-RECTOR, OTHER	4169	220KV	11,129,639	7,732,014	2,701	19,454,255	11,453,864	7,556,734	2,640	265,671	175,281	61	Trans Line	
DEVERS-PALO VERDE	4185	500KV	14,776,950	-	-	14,776,950	-	-	-	-	-	-	Trans Line	
DEVERS-PALO VERDE	4186	500KV	1,167,373	-	-	1,167,373	-	-	-	-	-	-	Trans Line	
DEVERS-VALLEY LNS 1,2	4187	500KV	10,435,644	192,106	-	10,627,751	10,435,644	192,106	-	-	-	-	Trans Line	
SERRANO-VALLEY LN	4188	500KV	2,853,712	407,840	-	3,261,552	2,853,712	407,840	-	-	-	-	Trans Line	
VALLEY-INLAND-500KV TL	4191	500KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
VALLEY-SERRANO 500 KV LN	4988	500KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
SERRANO-VILLA PK LN 1,2,3	4189	220KV	78,248	44,351	-	122,599	78,248	44,351	-	-	-	-	Trans Line	
VARIOUS 66KV LINES	4200	66KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MAGUINDEN-PASTORIA	4201	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
SSAN JOAQUIN REGION 66KV	4205	66KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
E-MAGUINDEN-ANTELOPE 220KV	4207	220KV	-	25,798	-	25,798	-	-	-	25,798	-	-	Trans Line	
BIG CREEK #3/#4 220KV LN	4211	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
BIG CREEK 3-SPRNGVL-MGNDN	4213	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
BIG CREEK 3-MAMMOTH POOL	4268	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
RECTOR-VESTAL #2 220KV	4269	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
BIG CREEK4-SPRNGVL-MGNDN	4288	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
ALL 66KV T/L-COASTAL REGN	4405	66KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MET T/S REGION	4300	66KV	229,033	14,696	-	243,728	-	-	-	229,033	14,696	-	Trans Line	
EAGLE ROCK-MESA 220 KV LN	4301	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
ALL 66KV T/L-METRO REGION	4305	66KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
ANTELOPE-MESA 220 KV LN	4307	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
EAGLE ROCK-MESA 220KV LN	4314	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
CHINO-VILLA PARK 220KV LN	4318	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
CENTER-MESA 220KV LN	4319	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MESA VINCENT No 2 220 KV LN	4325	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MIRA LOMA-SERRANO# 1&2 500KV	4348	500KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MIRA LOMA-SERRANO#2 500KV	4349	500KV	-	4,448	-	4,448	-	-	-	-	-	-	ISO	High
MIRA LOMA - VINCENT 500 KV LINE	4360	500KV	26,107,338	2,870,912	-	28,978,250	26,107,338	2,870,912	-	-	-	-	Trans Line	
COASTAL T/S REGION	4400	66KV	3,127	433,988	92,740	529,855	-	-	-	3,127	433,988	92,740	Trans Line	
MESA-REDONDO 220KV LN	4414	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
CENTER MESA&OUIDA 220KV	4419	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
EASTERN T/S REGION	4500	66KV	1,650,139	916,891	-	2,567,030	-	-	-	1,650,139	916,891	-	Trans Line	
DEVERS-HINDS 220KV LNS	4504	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
33 & 66KV LINES IN ESTRN R	4605	66KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
COGEN/RENEW ENGY RESOURCE	45													

SOUTHERN CALIFORNIA EDISON COMPANY  
12-31-2023 Facilities  
TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non-ISO/Mix/Trans Line	High / Low Straddle Voltage
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment	A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		
ETIWANDA-PADUA 220KV LN	4518	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MIRA LOMA-WALNUT 220KV LN	4519	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
LUGO-MIRA LOMA NO. 1&2	4538	500KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
DESERT REGION 115KV LINES	4570	115kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
DEVERS-VALLEY 500 KV LNS	4587	500kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
NRTHN T/S REGION	4600	66kv	-	1,844,166	-	1,844,166	-	-	-	-	1,844,166	-	Trans Line	
BAILEY-PARDEE 220 KV LN	4601	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
ISO 66KV T/L-NORTHERN REG	4603	66kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
33&66KV LNS IN NRTHN T/S	4605	66kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
ANTELOPE-MAGUNDEN 220 KV	4607	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
MOORPARK-PARDEE 200KV LN	4625	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MIDWAY-VINCENT 500 KV LN	4626	500kv	-	520,627	-	520,627	-	520,627	-	-	-	-	Trans Line	
ANTELOPE-PARDEE	4644	220kv	3,934,890	-	-	3,934,890	3,934,890	-	-	-	-	-	Trans Line	High
PARDEE-SYLMAR 220 KV LN	4645	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
PARDEE-VINCENT 220KV LN 2	4647	220kv	-	7,378	-	7,378	-	7,378	-	-	-	-	Trans Line	
EASTERN T/S REG	4700	66kv	46,629	522,260	591,382	1,160,272	-	-	-	46,629	522,260	591,382	Trans Line	
CO-GEN/REN ENERGY SVS	4702	220kv	-	-	877,662	877,662	-	-	-	-	-	-	Trans Line	
CORONA-JEFFERSON 66 KV LN	4705	66kv	266,331	2,111,150	-	2,377,481	194,432	1,541,226	-	71,898	569,924	-	Trans Line	
ANTELOPE-WINDHUB 500KV LN	4708	500kv	16,782,176	-	-	16,782,176	16,782,176	-	-	-	-	-	Trans Line	
WINDHUB-HIGHWIND 230KV LN	4709	220kv	-	3,268,655	-	3,268,655	3,268,655	-	-	-	-	-	Trans Line	
WHIRLWIND-WINDHUB 500KV L	4711	500kv	-	71,262	-	71,262	71,262	-	-	-	-	-	Trans Line	
ANTELOPE - VINCENT #2 500KV	4712	500kv	11,885,452	-	-	11,885,452	11,885,452	-	-	-	-	-	Trans Line	
ISO 115KV T/L	4713	115kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
LAGUNA-BELL 220KV	4714	220KV	-	-	-	-	-	-	-	-	-	-	Trans Line	
CIMA-ELDO-PISGH	4717	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
LUGO - MOHAVE 500 KV LINE	4718	500kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
COLWTR-KRMRLUGO-VICTR20	4725	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
LEE VINING-LUNDY 55K 4771	4730	55kv	10,585	-	-	10,585	-	-	-	10,585	-	-	Trans Line	
ELDORADO-IVANPAH NO 1&2 - CA	4733	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
ELDORADO-IVANPAH NO 1&2 - NV	4734	220kv	352,196	-	-	352,196	352,196	-	-	-	-	-	Trans Line	
BISHOP CRKSS&115KV LINES	4735	115kv	(11)	505,731	-	505,720	-	-	-	(11)	505,731	-	Trans Line	
LUGO-MOHAVE 500KV	4740	500kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
115 KV LNS, ESTN T/S REG	4750	115kv	21,146,042	328,812	38,542,310	60,017,164	6,197,499	96,368	11,296,012	14,948,543	232,443	27,246,299	Trans Line	
LUGO-VICTORVILLE 500KV	4754	500kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
DEVERS-SN BRDNO 220 KV LN	4756	220kv	1,079,238	16,401	-	1,095,639	1,079,238	16,401	-	-	-	-	Trans Line	
BLYTHE-EAGLE MT 161 KV LN	4759	161kv	33,310	-	-	33,310	33,310	-	-	-	-	-	Trans Line	
CONTROL-MORGAN 55 KV LN	4770	55kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
HUMAN EXTERNAL CARGO TRAINING SITE	4799	66kv	-	321,805	-	321,805	-	-	-	-	321,805	-	Trans Line	
HOOVER-CLWTR 115 KV LN	4781	115kv	1,277	-	-	1,277	-	-	-	1,277	-	-	Trans Line	
HOOVER-CLWTR 115 KV LN	4782	115kv	164,797	-	-	164,797	164,797	-	-	-	-	-	Trans Line	
VICTOR-HESPERIA 115KV	4784	115kv	-	20,788	-	20,788	-	-	-	-	20,788	-	Trans Line	
VAR. TRANS. LINES S/E DIV	4800	66kv	2,931	2,778,109	711,670	3,492,710	-	-	-	2,931	2,778,109	711,670	Trans Line	
SERRANO-VILLA PARK 220KV	4889	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
NORTHEASTERN T/S DIV.	4900	66kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
LUGO-VICTOR 220KV LN	4935	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
SAN JACINTO REGION 115KV	4950	115kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
DEVERS-VALLEY 500KV	4987	500kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
BIG CREEK 4-MGNDN 220KV	4221	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
ANTELOPE-MAGUNDEN 220KV	4707	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
ANTELOPE-WHIRLWIND 500KV LN	4710	500kv	15,908,116	-	-	15,908,116	15,908,116	-	-	-	-	-	Trans Line	
BARRE 1&2-VILLA PARK 220K	4818	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
ELIUS-INGLTV BCH# 4 220KV	4820	220kv	-	-	-	-	-	-	-	-	-	-	Trans Line	
TOTAL TRANSMISSION SUBSTATIONS			\$ 365,794,712	\$ 1,445,368,866	\$ 7,840,976,780	\$ 9,652,140,358	\$ 266,261,235	\$ 931,612,456	\$ 4,456,673,360	\$ 99,533,477	\$ 513,756,410	\$ 3,384,303,420		
Recalc'd based on all other TS locations														
Allocation % to use							72.79%	64.45%	56.84%	27.21%	35.55%	43.16%		
DIV MTCE / OVERHAUL MNGT	1000	66kv	-	-	19,799	19,799	-	-	11,253	-	-	-	Mix	Low
MOUNTAINVIEW POWER-COMMON	1250	220kv	-	-	27,323,050	27,323,050	-	-	15,529,942	-	-	11,793,109	Mix	High
PALOVERDE SWITCHYARD	1869	500kv	-	2,465,520	7,901,074	10,366,594	-	1,589,151	4,490,832	-	876,369	3,410,243	Mix	High
PV UNIT 1-INCREMENTAL	1870	500kv	-	-	194,959	194,959	-	-	110,811	-	-	84,148	Mix	High
BIG CREEK NO.2	2212	220kv	-	-	2,274,534	2,274,534	-	-	1,292,805	-	-	981,729	Mix	High
BIG CREEK NO.2A	2234	220kv	-	-	1,031,434	1,031,434	-	-	586,249	-	-	445,185	Mix	High
COGEN/RENEW ENERGY SOURCE	4206	66kv	-	-	40,621	40,621	-	-	23,088	-	-	17,533	Mix	Low
SUBSTN DIV	5000	Misc	-	-	1,406,750	1,406,750	-	-	799,572	-	-	607,178	Mix	Low
NO. T/S REG OFC/VALENCIA	5038	Misc	123,342	3,723,403	-	3,846,745	89,780	2,399,919	-	33,562	1,323,484	-	Mix	Low
METRO REGION	5100	33kv & Below	-	-	265,939	265,939	-	-	151,155	-	-	114,784	Mix	Low
NEENACH SUB	5556	66kv	-	46,787	408,193	454,981	-	30,157	232,010	-	16,631	176,183	Mix	Low
BARSTOW NO RGN-SAN BERDOO	6072	CTSMR SRVC FAC.	-	7,617	-	7,617	-	4,910	-	-	2,707	-	Mix	Low
FRESNO COUNTY	7010	33kv & Below	-	-	-	-	-	-	-	-	-	-	Mix	Low
VENTURA COUNTY	7056	33kv & Below	-	-	74,798	74,798	-	-	42,514	-	-	32,284	Mix	Low
B&A-T/S 3RD FLOOR-G03	9010	220kv	-	-	823	823	-	-	468	-	-	355	Mix	High
CHINO OFC BLDG (FACILITY)	9024	Misc	-	373,558	-	373,558	-	240,777	-	-	132,781	-	Mix	Low
IRVINE OPER CENTER	9078	Misc	-	8,245	-	8,245	-	5,314	-	-	2,931	-	Mix	Low
FUELS	9203	Misc	-	-	341,890	341,890	-	-	194,324	-	-	147,566	Mix	Low
RP&AS,LND&ESMTR REQUIS	9219	Div Offices & Misc	24,317,137	145,325	-	24,462,462	17,700,395	93,669	-	6,616,742	51,656	-	Mix	Low
INNOVATION VILLAGE 1	9221	Div Offices & Misc	-	-	1,509,815	1,509,815	-	-	858,152	-	-	651,663	Mix	Low
CONTROL SYS SEC-ALHAMBRA	9243	Div Offices & Misc	-	375,558	2,962,532	3,338,089	-	242,066	1,683,851	-	133,492	1,278,681	Mix	Low
TELECOMM-ALHAMBRA	9330	Misc	-	-	69,276	69,276	-	-	39,375	-	-	29,901	Mix	Low
CONWAY SUMMIT COMM SITE	9339	Misc	-	-	14,913	14,913	-	-	8,476	-	-	6,437	Mix	Low
INTERNAL ORDER	INTERNALORDE	Misc	-	-	1,868	1,868	-	-	1,062	-	-	806	Mix	Low
CHINO-VILLA PARK 220KV LN	4318-NU	220kv	-	-	-	-	-	-	-	-	-	-	Mix	High
Total Locations Recalc'd			\$ 24,440,479	\$ 7,146,012	\$ 45,842,269	\$ 77,428,760	\$ 17,790,175	\$ 4,605,962	\$ 26,055,940	\$ 6,650,303	\$ 2,540,050	\$ 19,786,329		
ISO/Non-ISO/Mix/Trans Line Summary														
ISO Total			20,697,361	462,610,921	2,120,271,944	2,603,580,225	20,697,361	462,610,921	2,120,271,944	-	-	-		
Non-ISO Total			19,462,294	106,345,664	1,109,218,032	1,235,025,991	-	-	-	19,462,294	106,345,664	1,109,218,032		
Mix Total			54,622,999	816,516,237	4,611,711,139	5,482,850,375	29,181,805	435,150,964	2,349,485,132	25,441,194	381,365,273	2,262,226,007		
Trans Line Total			295,452,537	67,042,057	45,617,933	408,112,526	234,172,245	38,456,534	12,972,223	61,280,292	28,585,523	32,645,709		
Allocation Total			24,440,479	7,146,012	45,842,269	77,428,760	17,790,175	4,605,962	26,055,940	6,650,303	2,540,050	19,786,329		
Total Transmission Substations			\$ 390,235,191	\$ 1,452,514,879	\$ 7,886,819,049	\$ 9,729,569,118	\$ 284,051,410	\$ 936,218,418	\$ 4,482,729,300	\$ 106,183,780	\$ 516,296,460	\$ 3,404,089,749		

**SOUTHERN CALIFORNIA EDISON COMPANY**  
Transmission/Distribution ISO Facilities Study

2023 Year-End				2022 Year-End			Delta		
Transmission									
	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total
<b>Land (Substation and Line)</b>									
350	390,235,191	284,051,410	72.8%	379,687,530	278,004,205	73.2%	10,547,660	6,047,205	-0.4%
<b>Substation</b>									
352	1,452,514,879	936,218,418	64.5%	1,398,451,730	907,324,490	64.9%	54,063,149	28,893,928	-0.4%
353	7,886,819,049	4,482,729,300	56.8%	7,695,764,722	4,422,309,473	57.5%	191,054,326	60,419,827	-0.6%
<b>Total Substation</b>	<b>9,339,333,927</b>	<b>5,418,947,718</b>	<b>58.0%</b>	<b>9,094,216,453</b>	<b>5,329,633,963</b>	<b>58.6%</b>	<b>245,117,475</b>	<b>89,313,755</b>	<b>-0.6%</b>
<b>Lines</b>									
354	\$2,614,263,737	2,512,776,504	96.1%	2,598,053,334	2,498,952,321	96.2%	16,210,403	13,824,183	-0.1%
355	2,482,407,374	647,749,643	26.1%	2,365,912,986	632,230,698	26.7%	116,494,388	15,518,945	-0.6%
356	2,186,903,951	1,690,959,762	77.3%	2,191,977,444	1,693,990,750	77.3%	(5,073,493)	(3,030,988)	0.0%
357	330,194,711	215,307,591	65.2%	330,140,963	215,308,527	65.2%	53,749	(936)	0.0%
358	455,498,399	58,752,899	12.9%	437,739,243	58,752,899	13.4%	17,759,157	-	-0.5%
359	252,459,077	226,060,420	89.5%	251,650,170	226,348,866	89.9%	808,907	(288,446)	-0.4%
<b>Total Lines</b>	<b>\$8,321,727,249</b>	<b>\$5,351,606,818</b>	<b>64.3%</b>	<b>8,175,474,139</b>	<b>5,325,584,061</b>	<b>65.1%</b>	<b>146,253,110</b>	<b>26,022,758</b>	<b>-0.8%</b>
<b>Total Transmission</b>	<b>18,051,296,367</b>	<b>11,054,605,947</b>	<b>61.2%</b>	<b>17,649,378,122</b>	<b>10,933,222,229</b>	<b>61.9%</b>	<b>401,918,245</b>	<b>121,383,718</b>	<b>-0.7%</b>
Distribution									
	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total
<b>Land:</b>									
360	131,192,052	-	0.0%	130,716,113	-	0.0%	475,940	-	0.0%
<b>Structures:</b>									
361	1,026,637,750	-	0.0%	950,757,411	-	0.0%	75,880,340	-	0.0%
362	3,647,243,936	-	0.0%	3,463,676,916	-	0.0%	183,567,020	-	0.0%
363	26,086,466	-	0.0%	-	-	0.0%	26,086,466	-	0.0%
<b>Total Structures</b>	<b>4,699,968,152</b>	<b>-</b>	<b>0.0%</b>	<b>4,414,434,327</b>	<b>-</b>	<b>0.0%</b>	<b>285,533,825</b>	<b>-</b>	<b>0.0%</b>
<b>Total Distribution</b>	<b>4,831,160,204</b>	<b>-</b>	<b>0.0%</b>	<b>4,545,150,439</b>	<b>-</b>	<b>0.0%</b>	<b>286,009,765</b>	<b>-</b>	<b>0.0%</b>
<b>Total Transmission &amp; Distribution</b>	<b>22,882,456,571</b>	<b>11,054,605,947</b>	<b>48.3%</b>	<b>22,194,528,561</b>	<b>10,933,222,229</b>	<b>49.3%</b>	<b>1,089,846,254</b>	<b>242,767,436</b>	<b>-1.0%</b>

SOUTHERN CALIFORNIA EDISON COMPANY  
Transmission Line Study Results  
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Location	Description	Voltage (kV)	Study	Circuit Miles						Balance by FERC Account (Total Transmission) Current Study											
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356	357	358	359	350	352	
4026	MIDWAY-VINCENT LINES 1&2	500	Lines	-	-	225.5	225.5	225.5	225.5	2,927,515	-	8,464	27,105	29,900,270	741,658	40,159,901	-	-	795,535	2,927,515	8,464
4031	DWP-EDSN CELLO-SYLMR CA	1000	Lines	-	-	293.5	293.5	293.5	293.5	-	-	95,841	-	30,018,821	-	65,416,274	-	-	136,841	-	95,841
4034	DWP-EDSN CELLO-SYLMR NV	1000	Lines	-	-	-	-	-	-	-	-	541	-	7,699,209	-	10,380,119	-	-	668,871	-	-
4045	PARDEE-SYLMAR LINES 1&2	220	Lines	-	-	22.9	22.9	22.9	22.9	187,650	106,089	-	-	1,578,446	-	453,192	-	-	38,006	187,650	106,089
4046	EAGLE ROCK-SYLMAR LINE	220	Lines	-	-	25.4	25.4	25.4	25.4	186,657	-	-	-	214,409	-	62,108	-	-	-	186,657	-
4051	PARDEE-VINCENT LN 1	220	Lines	-	-	31.1	31.1	31.1	31.1	-	-	-	-	316,356	-	204,878	-	-	145,317	-	-
4059	PARDEE-VINCENT LINE CONST	220	Lines	-	-	-	-	-	-	13,002	-	-	-	966,377	-	202,343	-	-	20,953	-	-
4070	RIO HONDO-VINCENT LN 2	220	Lines	-	-	-	-	-	-	61,040	-	-	-	436,317	-	1,532,264	-	-	11,892	-	-
4101	MANY TRANSMISSION LINES	220	Lines	-	-	270.4	262.4	270.4	262.4	1,551,806	4,091,577	-	98,475	4,981,544	90,897,780	-	-	1,323,979	1,505,957	3,970,689	-
4102	COGEN/RENEWABLE ENERGY SO	220	Lines	-	-	7.5	4.6	7.5	4.6	1,466,128	-	-	-	2,598,835	377,416	4,963,354	-	-	824,324	902,232	-
4104	DEVERS-HINS LN, OTHERS	220	Lines	-	-	155.4	151.1	155.4	151.1	15,464,432	82,149	30,139	132,547,460	47,932,261	121,410,506	1,480	260,160	35,078,558	15,028,674	79,834	-
4105	33 AND 66 KV LINES	66	Lines	292.8	-	4,353.7	37.5	4,646.4	37.5	34,423,691	17,755,985	2,071,087	43,159,964	1,345,973,677	323,374,317	103,385,343	337,877,656	20,773,465	277,602	143,189	-
4107	ANTELOPE/MESA LINE, OTHER	220	Lines	-	-	242.1	242.1	242.1	242.1	4,278,569	1,559,331	-	145,397,028	21,681,889	63,907,572	-	-	88,570,495	4,278,569	1,559,331	-
4108	CHINO-SERRANO/SN ONFRE LN	220	Lines	-	-	160.8	160.8	160.8	160.8	8,072,253	4,568,761	-	18,025,765	2,280,702	14,513,710	-	-	1,734,061	8,072,253	4,568,761	-
4109	COACHELLA VALLEY-DEVERS (SCE PC	220	Lines	-	-	1.0	1.0	1.0	1.0	-	25,255	-	-	16,469	467,285	-	-	-	-	25,255	-
4111	BIG CRK 3-BIG CRK 4	220	Lines	-	-	-	-	-	-	1,944	-	-	-	862,770	530,440	-	-	-	29,429	-	-
4113	BIGCRK-SPRGVL, MGDN-SPRGV	220	Lines	-	-	51.6	51.6	51.6	51.6	874,872	23,989	-	24,068,487	77,635,827	16,570,993	-	-	631,018	874,872	23,989	-
4114	ALAMITOS-MESA LN, OTHERS	220	Lines	-	-	123.5	114.9	123.5	114.9	3,210,534	1,756,038	661,182	21,504,350	6,883,895	19,021,032	-	-	671,629	2,987,432	1,634,010	-
4115	HINSON-LIGHTHIPE 1&2	220	Lines	-	-	40.9	40.9	40.9	40.9	1,607,024	616,675	2,149	3,565,502	4,233,520	2,407,845	-	-	27,417	1,607,024	616,675	-
4116	HINSON-LAFRESA, OTHERS	220	Lines	1.0	1.0	59.3	56.9	60.2	57.9	3,594,552	770,312	2,065	3,599,072	12,531,834	7,656,144	180,589	456,828	13,558	3,455,497	740,512	-
4117	ELDRDO-CIMA-PISGAM LN1,2	220	Lines	-	-	389.9	384.9	389.9	384.9	1,139,094	17,311	12,857	26,616,804	7,675,364	12,079,144	-	-	151,162	1,139,094	17,311	-
4119	CENTER-MESA LN, OTHERS	220	Lines	-	-	101.6	101.6	101.6	101.6	2,101,459	1,018,371	101	35,816,356	324,427	26,146,431	-	-	2,830,220	2,101,459	1,018,371	-
4120	ALAMITOS-CENTER, OTHERS	220	Lines	-	-	131.6	119.4	131.6	119.4	4,380,988	951,405	905,123	8,637,742	4,460,853	12,049,794	256	-	33,420	3,973,578	862,929	-
4121	BIG CREEK 4-SPRGVL-MGDN	220	Lines	-	-	131.1	131.1	131.1	131.1	209,639	360,577	-	17,200,844	11,552,182	13,938,809	-	-	944,347	209,639	360,577	-
4123	LUGO-VINCENT LINES 1&2	500	Lines	-	-	93.6	93.6	93.6	93.6	1,749,466	620,897	16,633	14,101,498	790,708	7,195,860	-	-	1,891	1,749,466	620,897	-
4124	BIG CRK 1-CMP TEN--PRTL	66	Lines	-	-	-	-	-	-	485	-	-	48,890	312,251	202,022	1,343	68,591	-	-	-	-
4125	GOLETA-SNTA CLARA, OTHERS	220	Lines	-	-	469.9	363.8	469.9	363.8	13,310,983	3,051,291	1,918	41,927,121	3,789,550	57,367,087	-	-	4,617,004	10,305,524	2,362,346	-
4127	NORTH BOULDER-MEAD, OTHER	220	Lines	-	-	30.9	-	30.9	-	19,842	-	-	700,024	8,020	549,803	-	-	5,205	-	-	-
4128	LYTLE CREEK-POLE S34694E	66	Lines	-	-	-	-	-	-	-	-	-	-	1,240	1,277	-	-	-	-	-	-
4129	KERN RIVER3-VESTAL 66 KV	66	Lines	-	-	44.3	-	44.3	-	31,413	-	-	345,087	2,348,728	931,818	-	-	-	-	-	-
4130	MOHAVE-LUGO 500KV	500	Lines	-	-	-	-	-	-	157,990	-	-	1,471,682	-	517,455	-	-	19,051	-	-	-
4132	CUMMINGS-KERBN RIV1, OTH	66	Lines	-	-	-	-	-	-	3,146	-	-	60,500	175,424	177,342	-	-	40,795	-	-	-
4133	BOREL.....WALKER 66KV LN	66	Lines	-	-	-	-	-	-	46,874	-	-	7,516	20,163,044	1,117,800	-	-	11,455	-	-	-
4136	LUGO-ELDORADO LN	500	Lines	-	-	177.0	177.0	177.0	177.0	1,330,373	-	-	17,938,062	2,050,363	10,656,252	-	-	117,747	1,330,373	-	-
4137	LUGO-ELDORADO LN	500	Lines	-	-	0.2	0.2	0.2	0.2	16,589	-	-	3,643,443	4,529,049	-	-	-	20,088	-	-	-
4138	LUGO-MIRA LOMA 2&3	500	Lines	-	-	95.5	95.3	95.5	95.3	9,748,980	3,254,686	98	41,425,438	118,240	25,501,958	-	-	591,464	9,723,467	3,246,169	-
4139	SPRGVL-TULE 66KV LN	66	Lines	-	-	-	-	-	-	517	-	-	-	1,184,238	161,619	-	-	-	-	-	-
4140	MOHAVE-LUGO 500 KV LN	500	Lines	-	-	171.5	171.5	171.5	171.5	2,712	1,970,616	-	25,306,365	1,513,721	10,310,525	-	-	329,333	278,112	1,970,616	-
4141	MOHAVE-ELDORADO LN	500	Lines	-	-	57.5	57.5	57.5	57.5	1,192,322	-	-	11,547,196	-	12,543,931	-	-	55,916	1,192,322	-	-
4142	BOREL-WELDON 66KV LN	66	Lines	-	-	41.3	-	41.3	-	25,409	-	3,488	-	8,552,914	2,279,736	-	18,496	-	-	-	-
4143	ELDORADO-BORDER 500 KV LN	500	Lines	-	-	28.0	28.0	28.0	28.0	6,167	-	-	7,216,976	-	3,237,668	-	-	145,064	6,167	-	-
4144	ELDORADO-MEAD LNS 1&2	220	Lines	-	-	30.6	30.6	30.6	30.6	9,994	-	-	717,795	(2,826)	429,215	-	-	1,023	9,994	-	-
4147	VINCENT-PARDEE LN 2	220	Lines	-	-	-	-	-	-	3,884,037	-	1,880	2,765,700	-	11,000,495	-	-	145,187	-	-	-
4148	MIRA LOMA-SERRANO LN	500	Lines	-	-	39.1	39.1	39.1	39.1	1,733,248	-	-	27,602,650	-	8,150,936	-	-	761,201	1,733,248	-	-
4149	SANTA ANA LNS 1,2,3	66	Lines	-	-	-	-	-	-	232	-	-	-	60,363	26,752	-	-	1,093	-	-	-
4153	VINCENT-PEARLBLOSSOM LN	220	Lines	-	-	13.1	-	13.1	-	309,032	-	-	60,375	3,673,458	308,138	-	-	23,687	-	-	-
4154	LUGO-VICTORVLL EDSON-DWP	500	Lines	-	-	7.6	7.6	7.6	7.6	747,718	51,478	-	2,748,973	-	759,625	-	-	-	747,718	51,478	-
4155	MIDWAY-VINCENT LN 3	500	Lines	-	-	20.8	20.8	20.8	20.8	5,825,616	-	-	22,761,847	1,757,686	7,511,408	-	-	187,772	5,825,616	-	-
4156	ELLIS-SANTIAGO LNS 1,2	220	Lines	-	-	29.4	29.4	29.4	29.4	12,018,447	-	-	2,262,700	4,676,819	2,971,326	-	-	38,262	12,018,447	-	-
4157	RIO HONDO-VINCENT NO. 2 220/50K	220	Lines	-	-	31.9	31.9	31.9	31.9	105,605	18,610	-	9,924,999	5,178,581	10,040,756	-	-	537,026			

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Location	Description	Voltage (kV)	Study	Circuit Miles						Balance by FERC Account (Total Transmission) Current Study										
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356	357	358	359	350	352
4784	VICTOR-HESPERIA 115KV	115	Lines	-	-	-	-	-	-	-	20,788	-	-	-	-	-	-	-	-	-
4647	PARDEE-VINCENT 220KV LN 2	220	Lines	-	-	32.7	32.7	32.7	32.7	-	7,378	-	-	-	-	-	-	-	-	7,378
4900	NORTHEASTERN T/S DIV.	66	Lines	-	-	-	-	-	-	-	-	-	-	1,551,239	205,618	-	-	-	-	
4106	COGEN/RENEW ENGY SOURCES	115	Lines	2.5	-	135.5	-	138.0	-	359,228	-	-	-	15,539,824	4,313,456	506,564	4,277,507	365,619	-	
4106	COGEN/RENEW ENGY SOURCES	66	Lines	7.2	-	119.2	-	126.4	-	328,902	-	-	-	14,227,948	3,949,313	463,799	3,916,399	334,754	-	
4118	MRA LMA-VLL PK LNS, OTHR	220	Lines	-	-	107.9	107.9	107.9	107.9	11,247,186	1,373,219	33,582	21,333,311	519,408	14,596,471	-	-	180,159	11,247,186	
4118	MRA LMA-VLL PK LNS, OTHR	66	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4135	LUGO-VICTOR LNS, OTHR	220	Lines	-	-	254.9	117.4	254.9	117.4	2,182,308	138,146	-	11,529,971	1,366,709	7,011,158	-	-	106,897	1,005,230	
4135	LUGO-VICTOR LNS, OTHR	115	Lines	-	-	49.3	49.3	49.3	49.3	422,042	26,716	-	2,229,812	264,311	1,355,907	-	-	20,673	422,042	
4735	BISHOP CRK55&115KV LINES	115	Lines	-	-	4.4	-	4.4	-	(7)	170,380	-	3,934	433,388	61,961	-	-	4,812	-	
4735	BISHOP CRK55&115KV LINES	55	Lines	-	-	8.7	-	8.7	-	(7)	335,351	-	7,743	853,017	121,955	-	-	9,472	-	
4750	115 KV LNS, ESTN T/S REG	115	Lines	18.9	-	1,725.4	511.3	1,744.4	511.3	21,143,497	328,772	38,537,671	9,662,538	543,532,935	136,281,605	4,654,241	39,600,559	1,844,288	6,197,499	
4750	115 KV LNS, ESTN T/S REG	66/55/33	Lines	-	-	0.2	-	0.2	-	2,545	40	4,639	1,163	65,435	16,407	560	4,767	222	-	
4705	CORONA-JEFFERSON 66 KV LN	55	Lines	-	-	115.6	103.3	115.6	103.3	217,483	1,723,942	-	2,466,191	40,603,556	2,300,355	-	-	29,274	194,432	
4705	CORONA-JEFFERSON 66 KV LN	66	Lines	-	-	26.0	-	26.0	-	48,848	387,208	-	553,922	9,119,816	516,674	-	-	6,575	-	
2236	BIG CREEK NO.4		100% Subs	Allocated according to substation percentage							41,031	6,368,050	-	-	-	-	-	-	41,031	
2570	INVO		100% Subs	Allocated according to substation percentage						-	381,661	7,851,207	-	-	-	-	-	-	381,661	
5001	METRO GOM MAINT		100% Subs	Allocated according to substation percentage						-	-	56,264,373	-	-	-	-	-	-	-	
5019	HARBORGEN SUB		100% Subs	Allocated according to substation percentage						-	129,846	4,130,861	-	-	-	-	-	-	129,846	
5026	EL SEGUNDO SWITCHCRACK SUB		100% Subs	Allocated according to substation percentage						12,470	1,744,467	15,441,426	-	-	-	-	-	-	12,470	
5032	MIDWAY SUB		100% Subs	Allocated according to substation percentage						-	482,282	15,219,891	-	-	-	-	-	-	482,282	
5036	PASTORIA SUB		100% Subs	Allocated according to substation percentage						21,435	2,502,894	-	-	-	-	-	-	-	21,435	
5044	CLWTR SWITCHCRACKS 1,2		100% Subs	Allocated according to substation percentage						-	-	1,476,690	-	-	-	-	-	-	-	
5045	MOHAVE SWITCHCRACK		100% Subs	Allocated according to substation percentage						-	3,993,597	22,048,498	-	-	-	-	-	-	3,993,597	
5047	RANCHO VISTA SUB		100% Subs	Allocated according to substation percentage						1,844,367	25,901,373	161,756,599	-	-	-	-	-	-	1,844,367	
5054 & 895	Vincent		100% Subs	Allocated according to substation percentage						17,324,279	54,543,425	253,317,660	-	-	-	-	-	-	17,324,279	
5058	SYLMAR SUB		100% Subs	Allocated according to substation percentage						-	22,786	1,948,141	-	-	-	-	-	-	22,786	
5061	LUGO SUB		100% Subs	Allocated according to substation percentage						90,981	43,002,742	166,069,330	-	-	-	-	-	-	90,981	
5065	PISGAH SUB		100% Subs	Allocated according to substation percentage						-	679,696	5,589,809	-	-	-	-	-	-	679,696	
5089	LEWIS SUB		100% Subs	Allocated according to substation percentage						1,444	352,755	8,894,346	-	-	-	-	-	-	1,444	
5091	MEAD SUB		100% Subs	Allocated according to substation percentage						-	12,205	12,306	-	-	-	-	-	-	12,205	
5092	MOENKOPI SUB		100% Subs	Allocated according to substation percentage						-	-	1,516,885	-	-	-	-	-	-	-	
5094	EAST SERIES CAPACITORS 1		100% Subs	Allocated according to substation percentage						-	870,601	18,146,668	-	-	-	-	-	-	870,601	
5097	PALO VERDE SWITCHCRACK SUB		100% Subs	Allocated according to substation percentage						-	489,646	10,545,580	-	-	-	-	-	-	489,646	
8060	WHIRLWIND SUB		100% Subs	Allocated according to substation percentage						-	37,749,928	201,514,222	-	-	-	-	-	-	37,749,928	
8084	HIGHWIND SUB		100% Subs	Allocated according to substation percentage						-	6,985,990	4,145,964	-	-	-	-	-	-	6,985,990	
8367	COLORADO RIVER SUB	500	100% Subs	Allocated according to substation percentage						-	40,394,838	-	402,580	204,780	-	-	-	-	40,394,838	
8372	PRIMM SUBSTATION		100% Subs	Allocated according to substation percentage						-	12,012,073	19,128,427	-	-	-	-	-	-	12,012,073	
8960	WEST TRANSITION		100% Subs	Allocated according to substation percentage						-	14,904,714	16,168,968	-	-	-	-	-	-	14,904,714	
8932	MIDWAY-PAC INTERTIE		100% Subs	Allocated according to substation percentage						-	162,585	13,930,693	-	-	-	-	-	-	162,585	
8950	PARDEE-PAC INTERTIE		100% Subs	Allocated according to substation percentage						-	55,269	942,130	-	-	-	-	-	-	55,269	
5090	EL DORADO SUB(NEVADA)	500	100% Subs	Allocated according to substation percentage						13,183	53,075,501	240,545,482	-	-	-	-	94,492	13,183	53,075,501	
5080	SERRANO SUB	500	100% Subs	Allocated according to substation percentage						1,226,475	46,097,228	216,608,114	-	-	-	-	2,236,590	1,226,475	46,097,228	
5093	WEST SERIES CAPACITORS		100% Subs	Allocated according to substation percentage						-	1,797,455	51,528,226	-	-	-	-	-	-	1,797,455	
8958	SYLMAR-PAC INTERTIE	220	100% Subs	Allocated according to substation percentage						51,663	7,768,618	226,037,033	2,505,376	-	359,913	-	-	51,663	7,768,618	
5010	T.M. GOODRICH SUB-PASADEN		100% Subs	Allocated according to substation percentage						-	647,256	36,647	-	-	-	-	-	-	647,256	
5018	DRYCREEKWIND SUB		100% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	
8369	RED BLUFF SUB		100% Subs	Allocated according to substation percentage						-	94,661,088	150,786,945	-	-	-	-	-	-	94,661,088	
8375	CALCITE SUBSTATION 220 KV		100% Subs	Allocated according to substation percentage						-	-	14,699	-	-	-	-	-	-	-	
4741	ELDORADO-MOHAVE 500KV	500	100% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	
4743	ELDORADO-MOENKOPI 500KV	500	100% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	
4744	ELDORADO-MEAD#1&2 220KV	220	100% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	
4848	LUGO-SERRANO 500KV T/L	500	100% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	
4357	RIO HONDO-VINCENT NO. 2 220/50K	500	100% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	
4349	MIRA LOMA-SERRANO#2 500KV	500	100% Subs	Allocated according to substation percentage						-	4,448	-	-	-	-	-	-	-	4,448	
4626	MIDWAY-VINCENT 500 KV LN	500	100% Subs	Allocated according to substation percentage						-	520,627	-	-	-	-	-	-	-	520,627	
4628	MIDWAY-VINCENT 500 KV LN	500	100% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	
5059	BAILEY SUB	220	100% Subs	Allocated according to substation percentage						111,063	10,622,295	30,869,522	-	-	-	-	-	-	111,063	
4314	4314 - EAGLE ROCK-MESA 220KV LN	220	100% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	
1451	EDISON ITAC		0% Subs	Allocated according to substation percentage						-	-	35,855	-	-	-	-	-	-	-	
2150	MAMMOTH POOL LAKE-FP 2085		0% Subs	Allocated according to substation percentage						-	-	24,016	-	-	-	-	-	-	-	
2202	BIG CREEK CANYON		0% Subs	Allocated according to substation percentage						-	-	1,641,022	-	-	-	-	-	-	-	
2237	PORTAL POWER PLANT		0% Subs	Allocated according to substation percentage						-	-	68,246	-	-	-	-	-	-	-	
2238	MAMMOTH POOL		0% Subs	Allocated according to substation percentage						-	46,311	4,573,853	-	-	-	-	-	-	-	
2239	EASTWOOD POWER STATION		0% Subs	Allocated according to substation percentage																

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Location	Description	Voltage (kV)	Study	Circuit Miles					Balance by FERC Account (Total Transmission) Current Study											
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356	357	358	359	350	352
2514	RUSH CREEK		0% Subs	Allocated according to substation percentage						-	-	175,912	-	-	-	-	-	-	-	-
2522	BISHOP CREEK NO.2		0% Subs	Allocated according to substation percentage						-	-	80,487	-	-	-	-	-	-	-	-
2523	BISHOP CREEK NO.3		0% Subs	Allocated according to substation percentage						-	-	1,847,927	-	-	-	-	-	-	-	-
2524	BISHOP CREEK NO.4		0% Subs	Allocated according to substation percentage						-	-	86,641	-	-	-	-	-	-	-	-
2525	BISHOP CREEK NO.5		0% Subs	Allocated according to substation percentage						-	-	43,037	-	-	-	-	-	-	-	-
2526	BISHOP CREEK NO.6		0% Subs	Allocated according to substation percentage						-	-	39,098	-	-	-	-	-	-	-	-
2553	FISH LAKE VALLEY METERING		0% Subs	Allocated according to substation percentage						-	1,343	52,264	-	-	-	-	-	-	-	-
2557	CASA DIABLO		0% Subs	Allocated according to substation percentage						2,119	442,110	9,819,629	-	-	-	-	-	-	-	-
2561	LEE VINING		0% Subs	Allocated according to substation percentage						343	283,997	2,302,338	-	-	-	-	-	-	-	-
2571	SHERWIN		0% Subs	Allocated according to substation percentage						-	100,772	2,023,103	-	-	-	-	-	-	-	-
2582	ZACK		0% Subs	Allocated according to substation percentage						400,881	-	344,073	-	-	-	-	-	-	-	-
2598	MT. TOM		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-
3717	DAF INDAL 500KW WND TURBN		0% Subs	Allocated according to substation percentage						714	-	-	-	-	-	-	-	-	-	-
5016	LEBEC SUBSTATION		0% Subs	Allocated according to substation percentage						-	29,473	15,138	-	-	-	-	-	-	-	-
5022	ARCOGEN SUB		0% Subs	Allocated according to substation percentage						-	44,764	1,250,130	-	-	-	-	-	-	-	-
5046	CLWTR SWITCHCRACK 3,4 SUB		0% Subs	Allocated according to substation percentage						48,136	156,227	3,179,929	-	-	-	-	-	-	-	-
5048	MANDALAY SWITCHCRACK SUB		0% Subs	Allocated according to substation percentage						49,104	172,489	6,931,459	-	-	-	-	-	-	-	-
5049	ORMOND BCH SWITCHCRACK SUB		0% Subs	Allocated according to substation percentage						158,170	34,483	8,508,350	-	-	-	-	-	-	-	-
5051	SAUGUS SUB		0% Subs	Allocated according to substation percentage						13,373	5,189,400	81,108,299	-	-	-	-	-	-	-	-
5066	GENE SUB		0% Subs	Allocated according to substation percentage						-	63,093	2,064,623	-	-	-	-	-	-	-	-
5068	CAMINO SUB		0% Subs	Allocated according to substation percentage						-	54,471	4,222,649	-	-	-	-	-	-	-	-
5072	VELASCO SUB		0% Subs	Allocated according to substation percentage						-	40,279	155,442	-	-	-	-	-	-	-	-
5078	HUNTINGTON BCH SWITCHCRCK		0% Subs	Allocated according to substation percentage						21,660	215,617	4,956,652	-	-	-	-	-	-	-	-
5095	TRITON SUB		0% Subs	Allocated according to substation percentage						2,415,092	2,377,770	26,609,450	-	-	-	-	-	-	-	-
5101	ALHAMBRA SUB		0% Subs	Allocated according to substation percentage						-	83,447	2,771,763	-	-	-	-	-	-	-	-
5107	BANDINI SUB		0% Subs	Allocated according to substation percentage						4,583	16,136	-	-	-	-	-	-	-	-	-
5109	BICKNELL SUB		0% Subs	Allocated according to substation percentage						-	-	2,451	-	-	-	-	-	-	-	-
5112	THUMSGEN SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	2,049	-	-	-	-	-	-	-	-
5116	RUSH SUB		0% Subs	Allocated according to substation percentage						-	19,241	-	-	-	-	-	-	-	-	-
5141	ROSEMEAD SUB		0% Subs	Allocated according to substation percentage						-	38,757	22	-	-	-	-	-	-	-	-
5158	ARROYO SUB		0% Subs	Allocated according to substation percentage						-	-	123	-	-	-	-	-	-	-	-
5161	AMADOR SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-
5162	FAIR OAKS SUB		0% Subs	Allocated according to substation percentage						-	2,466	17,195	-	-	-	-	-	-	-	-
5165	JPL SUB		0% Subs	Allocated according to substation percentage						-	-	3,666	-	-	-	-	-	-	-	-
5167	MAYFLOWER SUB		0% Subs	Allocated according to substation percentage						-	149,676	91,972	-	-	-	-	-	-	-	-
5170	TEMPLE SUB		0% Subs	Allocated according to substation percentage						-	23,448	17,367	-	-	-	-	-	-	-	-
5178	KIRK WALL SUBSTATION		0% Subs	Allocated according to substation percentage						3,995	-	-	-	-	-	-	-	-	-	-
5179	RAVENDALE SUB		0% Subs	Allocated according to substation percentage						-	154,829	-	-	-	-	-	-	-	-	-
5185	CITRUS SUB		0% Subs	Allocated according to substation percentage						-	-	37,984	-	-	-	-	-	-	-	-
5186	CORTEZ SUB		0% Subs	Allocated according to substation percentage						-	16,955	31,589	-	-	-	-	-	-	-	-
5196	RAILROAD SUB		0% Subs	Allocated according to substation percentage						-	71,448	-	-	-	-	-	-	-	-	-
5198	ALHAMBRA DIST SUB TRG FAC		0% Subs	Allocated according to substation percentage						-	25,705	2,046,562	-	-	-	-	-	-	-	-
5204	CULVER CITY SUB		0% Subs	Allocated according to substation percentage						-	61,263	-	-	-	-	-	-	-	-	-
5207	SEPULVEDA SUB		0% Subs	Allocated according to substation percentage						-	41,604	-	-	-	-	-	-	-	-	-
5211	INGLEWOOD SUB		0% Subs	Allocated according to substation percentage						-	304,708	-	-	-	-	-	-	-	-	-
5213	LENNOX SUB		0% Subs	Allocated according to substation percentage						-	281,905	12,693	-	-	-	-	-	-	-	-
5224	PEARL SUB		0% Subs	Allocated according to substation percentage						-	14,955	-	-	-	-	-	-	-	-	-
5235	WINDSOR HILLS SUB		0% Subs	Allocated according to substation percentage						-	58,264	17,508	-	-	-	-	-	-	-	-
5236	VALDEZ SUB		0% Subs	Allocated according to substation percentage						-	-	24,710	-	-	-	-	-	-	-	-
5238	LAWDALE SUB		0% Subs	Allocated according to substation percentage						-	44,342	-	-	-	-	-	-	-	-	-
5241	YUKON SUB		0% Subs	Allocated according to substation percentage						4,415	-	-	-	-	-	-	-	-	-	-
5250	SAWTELLE SUB		0% Subs	Allocated according to substation percentage						-	59,249	-	-	-	-	-	-	-	-	-
5257	BRIDGE SUB		0% Subs	Allocated according to substation percentage						-	14,957	-	-	-	-	-	-	-	-	-
5259	STIRUP SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-
5273	STANHILL SUB		0% Subs	Allocated according to substation percentage						-	-	0	-	-	-	-	-	-	-	-
5315	LAUREL SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-
5325	STRATHMORE SUB		0% Subs	Allocated according to substation percentage						-	-	14,882	-	-	-	-	-	-	-	-
5333	WOODVILLE SUB		0% Subs	Allocated according to substation percentage						-	15,418	74,641	-	-	-	-	-	-	-	-
5352	LINE CREEK SUB		0% Subs	Allocated according to substation percentage						-	-	9,627	-	-	-	-	-	-	-	-
5357	CUMMINGS SUB		0% Subs	Allocated according to substation percentage						64,630	-	119,219	-	-	-	-	-	-	-	-
5358	MONOLITH SUB		0% Subs	Allocated according to substation percentage						-	234	1,156,662	-	-	-	-	-	-	-	-
5365	ACTON SUB		0% Subs	Allocated according to substation percentage						24,167	-	15,397	-	-	-	-	-	-	-	-
5374	RIVERWAY SUB		0% Subs	Allocated according to substation percentage						801,825	-	-	-	-	-	-	-	-	-	-
5375	MASCOT SUBSTATION		0% Subs	Allocated according to substation percentage						573,588	6,973	-	-	-	-	-	-	-	-	-
5504	CASITAS SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-
5506	CHANNEL ISLANDS SUB		0% Subs	Allocated according to substation percentage						-	116,483	-	-	-	-	-	-	-	-	-
5507	ORTEGA SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-
5508	DEL SUR SUB		0% Subs	Allocated according to substation percentage						-	-	424,747	-	-	-	-	-	-	-	-
5510	FILLMORE SUB		0% Subs	Allocated according to substation percentage						-	5,566	-	-	-	-	-	-	-	-	-
5511	GOLDTOWN SUB		0% Subs	Allocated according to substation percentage						-	-	526,259	-	-	-	-	-	-	-	-
5514	LANCASTER SUB		0% Subs	Allocated according to substation percentage						-	-	1,071,949	-	-	-	-	-	-	-	-
5518	LITTLE ROCK SUB		0% Subs	Allocated according to substation percentage						-	-	1,690,353	-	-	-	-	-	-	-	-
5522	SHUTTLE SUB		0% Subs	Allocated according to substation percentage						-	-	911,750	-	-	-	-	-	-	-	-
5526	OJAI SUB		0% Subs	Allocated according to substation percentage						-	13,050	-	-	-	-	-	-	-	-	-
5530	REDMAN WUB		0% Subs	Allocated according to substation percentage																

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Location	Description	Voltage (kV)	Study	Circuit Miles					Balance by FERC Account (Total Transmission) Current Study											
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356	357	358	359	350	352
5606	ORANGE PRODUCTS SUB		0% Subs	Allocated according to substation percentage						-	13,596	-	-	-	-	-	-	-	-	-
5612	INLAND CONTAINER SUB		0% Subs	Allocated according to substation percentage						-	20,750	-	-	-	-	-	-	-	-	-
5615	DECLLEZ SUB		0% Subs	Allocated according to substation percentage						-	-	23,032	-	-	-	-	-	-	-	-
5631	SAN ANTONIO SUB		0% Subs	Allocated according to substation percentage						-	-	7,606	-	-	-	-	-	-	-	-
5646	COLTON CEMENT SUB		0% Subs	Allocated according to substation percentage						-	43,167	-	-	-	-	-	-	-	-	-
5652	AMERON SUB		0% Subs	Allocated according to substation percentage						-	-	531,131	-	-	-	-	-	-	-	-
5655	NOGALES SUB		0% Subs	Allocated according to substation percentage						-	16,835	525,170	-	-	-	-	-	-	-	-
5659	ARCHIBALD SUB		0% Subs	Allocated according to substation percentage						-	-	206,393	-	-	-	-	-	-	-	-
5664	WIMBLETON SUB		0% Subs	Allocated according to substation percentage						-	1,282	17,343	-	-	-	-	-	-	-	-
5670	DEL ROSA SUB		0% Subs	Allocated according to substation percentage						-	-	17,327	-	-	-	-	-	-	-	-
5674	WHIPPLE SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-
5678	LANDING SUB		0% Subs	Allocated according to substation percentage						-	57,591	-	-	-	-	-	-	-	-	-
5740	NAPLES SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	114,340	-	-	-	-	-	-	-	-
5758	WATSON SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	3,790	-	-	-	-	-	-	-	-
5787	SOUTH GATE SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	17,255	-	-	-	-	-	-	-	-
5788	BOVINE SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-
5798	MOVIE SUBSTATION		0% Subs	Allocated according to substation percentage						-	1,963	17,658	-	-	-	-	-	-	-	-
5811	CHIKUITA SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	58,207	-	-	-	-	-	-	-	-
5814	CARMENITA SUBSTATION		0% Subs	Allocated according to substation percentage						-	14,314	128,669	-	-	-	-	-	-	-	-
5816	PARKWOOD SUBSTATION		0% Subs	Allocated according to substation percentage						-	93,280	-	-	-	-	-	-	-	-	-
5821	WAVE SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-
5842	OCEANVIEW SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	58,101	-	-	-	-	-	-	-	-
5843	ORANGE SUBSTATION		0% Subs	Allocated according to substation percentage						-	39,533	-	-	-	-	-	-	-	-	-
5849	SANTA ANA SUBSTATION		0% Subs	Allocated according to substation percentage						-	548,691	-	-	-	-	-	-	-	-	-
5853	TALBERT SUB		0% Subs	Allocated according to substation percentage						-	-	24,273	-	-	-	-	-	-	-	-
5860	ALTON SUBSTATION		0% Subs	Allocated according to substation percentage						241,262	-	-	-	-	-	-	-	-	-	-
5862	SULLIVAN SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	230,879	-	-	-	-	-	-	-	-
5865	ESTRELLA SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	41,148	-	-	-	-	-	-	-	-
5869	SHAWNEE SUBSTATION		0% Subs	Allocated according to substation percentage						-	50,680	-	-	-	-	-	-	-	-	-
5878	TUSTIN SUBSTATION		0% Subs	Allocated according to substation percentage						11,308	-	-	-	-	-	-	-	-	-	-
5892	TELEGRAPH SUB		0% Subs	Allocated according to substation percentage						-	12,346	96,987	-	-	-	-	-	-	-	-
5896	NIGUEL SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	21,384	-	-	-	-	-	-	-	-
5902	LAS LOMAS SUB		0% Subs	Allocated according to substation percentage						4,664,177	-	-	-	-	-	-	-	-	-	-
7013	IMPERIAL COUNTY		0% Subs	Allocated according to substation percentage						-	-	1,702	-	-	-	-	-	-	-	-
8003	PAUBA(CEP) SUB		0% Subs	Allocated according to substation percentage						106,825	919,616	11,376,833	-	-	-	-	-	-	-	-
8004	THORNHILL(CEP) SUB		0% Subs	Allocated according to substation percentage						25,609	1,169,400	11,725,249	-	-	-	-	-	-	-	-
8005	STADLER(CEP) SUB		0% Subs	Allocated according to substation percentage						139,611	1,062,841	12,475,956	-	-	-	-	-	-	-	-
8009	PAN AERO (CEP) SUB		0% Subs	Allocated according to substation percentage						-	58,798	668,910	-	-	-	-	-	-	-	-
8010	PHELAN(CEP) SUB		0% Subs	Allocated according to substation percentage						154,446	802,338	12,461,849	-	-	-	-	-	-	-	-
8011	BANWIND SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	35,320	-	-	-	-	-	-	-	-
8013	APPLE VALLEY(CEP) SUB		0% Subs	Allocated according to substation percentage						-	1,389,452	10,474,144	-	-	-	-	-	-	-	-
8014	BUNKER(CEP) SUB		0% Subs	Allocated according to substation percentage						969,397	1,528,454	16,222,907	-	-	-	-	-	-	-	-
8016	FARREL(CEP) SUB		0% Subs	Allocated according to substation percentage						-	715,679	17,906,977	-	-	-	-	-	-	-	-
8017	CONCHO(CEP) SUB		0% Subs	Allocated according to substation percentage						285,201	1,041,092	9,533,471	-	-	-	-	-	-	-	-
8018	AULD(CEP) SUB		0% Subs	Allocated according to substation percentage						83,538	1,248,278	20,068,821	-	-	-	-	-	-	-	-
8019	MAXWELL(CEP) SUB		0% Subs	Allocated according to substation percentage						33,940	530,026	11,995,862	-	-	-	-	-	-	-	-
8020	SAVAGE(CEP) SUB		0% Subs	Allocated according to substation percentage						29,280	1,477,177	14,737,644	-	-	-	-	-	-	-	-
8021	PEPPER(CEP) SUB		0% Subs	Allocated according to substation percentage						17,579	512,277	11,115,494	-	-	-	-	-	-	-	-
8022	YUCCA(CEP) SUB		0% Subs	Allocated according to substation percentage						19,474	666,241	11,822,378	-	-	-	-	-	-	-	-
8023	BLACK MOUNTAIN(CEP) SUB		0% Subs	Allocated according to substation percentage						-	41,871	912,016	-	-	-	-	-	-	-	-
8024	ALESSANDRO(CEP) SUB		0% Subs	Allocated according to substation percentage						45,514	2,732,789	27,041,777	-	-	-	-	-	-	-	-
8025	BAKER(CEP) SUB		0% Subs	Allocated according to substation percentage						-	250,900	2,806,592	-	-	-	-	-	-	-	-
8026	BANNING(CEP) SUB		0% Subs	Allocated according to substation percentage						20,210	1,586,414	16,631,676	-	-	-	-	-	-	-	-
8027	COTTONWOOD(CEP) SUB		0% Subs	Allocated according to substation percentage						22,426	1,796,115	11,561,373	-	-	-	-	-	-	-	-
8028	EDWARDS(CEP) SUB		0% Subs	Allocated according to substation percentage						-	2,137,840	22,931,476	-	-	-	-	-	-	-	-
8029	HI DESERT(CEP) SUB		0% Subs	Allocated according to substation percentage						1,154,541	2,612,000	18,805,490	-	-	-	-	-	-	-	-
8030	MOUNTAIN PASS(CEP) SUB		0% Subs	Allocated according to substation percentage						70,286	49,796	4,625,833	-	-	-	-	-	-	-	-
8031	RANDBURG(CEP) SUB		0% Subs	Allocated according to substation percentage						116	421,799	7,651,571	-	-	-	-	-	-	-	-
8032	ROCKET TEST(CEP) SUB		0% Subs	Allocated according to substation percentage						-	18,045	283,935	-	-	-	-	-	-	-	-
8033	SEARLES(CEP) SUB		0% Subs	Allocated according to substation percentage						-	112,531	7,377,487	-	-	-	-	-	-	-	-
8035	ZANJA(CEP) SUB		0% Subs	Allocated according to substation percentage						152,559	1,733,643	9,563,294	-	-	-	-	-	-	-	-
8036	SANTA ROSA(CEP) SUB		0% Subs	Allocated according to substation percentage						44,689	803,291	21,731,264	-	-	-	-	-	-	-	-
8038	NELSON(CEP) SUB		0% Subs	Allocated according to substation percentage						22,819	1,337,012	14,826,809	-	-	-	-	-	-	-	-
8039	HOMART(CEP) SUB		0% Subs	Allocated according to substation percentage						174,875	714,274	5,757,008	-	-	-	-	-	-	-	-
8041	HOLGATE(CEP) SUB		0% Subs	Allocated according to substation percentage						27,167	405,785	2,858,479	-	-	-	-	-	-	-	-
8042	CALECTRIC SUB (CEP)		0% Subs	Allocated according to substation percentage						27,870	2,673,189	23,483,105	-	-	-	-	-	-	-	-
8044	GARNET SUB		0% Subs	Allocated according to substation percentage						34,673	1,742,103	18,029,843	-	-	-	-	-	-	-	-
8045	ID TIE SUB		0% Subs	Allocated according to substation percentage						39,144	-	23,873	-	-	-	-	-	-	-	-
8047	TIEFORT SUB		0% Subs	Allocated according to substation percentage						-	218,704	1,530,163	-	-	-	-	-	-	-	-
8048	USBR BLYTHE SUB		0% Subs	Allocated according to substation percentage						-	64,707	8,456,441	-	-	-	-	-	-	-	-
8059	PUREWATER SUB		0% Subs	Allocated according to substation percentage						-	175,506	1,357,312	-	-	-	-	-	-	-	-
8061	SEAWIND TJS		0% Subs	Allocated according to substation percentage						2,976	463	315,815	-	-	-	-	-	-	-	-
8064	TIFANYWIND SUB		0% Subs	Allocated according to substation percentage						-	-	11,459	-	-	-	-	-	-	-	-
8072	CARODEAN		0% Subs	Allocated according to substation percentage						-	1,594,106	15,774,986	-	-	-	-	-	-	-	-
8073	IVYGLEN SUB		0% Subs	Allocated according to substation percentage						166,697	2,179,684	17,104,631	-	-	-	-	-	-	-	-
8075	HIGHGROVE SWITCHCRCK		0% Subs	Allocated according to substation percentage						7,139	178,624	1,813,749	-	-	-	-	-	-	-	-
8079	AQUEDUCT SUB		0% Subs	Allocated according to substation percentage						2,880	937,785	11,493,198	-	-	-	-	-	-	-	-
8082	MENTONE SUB		0% Subs	Allocated according to substation percentage						161,883	971,971	8,836,598	-	-	-	-	-	-	-	-
8086	CAJALCO SUB		0% Subs	Allocated according to substation percentage						25,836	1,003,523	11,493,421	-	-	-	-	-	-	-	-
8087	HESPERIA SUB		0% Subs	Allocated according to substation percentage						22,150	551,353	12,789,938	-	-	-	-	-	-	-	-
8088	SKYLARK SUB		0% Subs	Allocated according to substation percentage						81,206	2,656,383	14,623,908	-	-	-	-	-	-	-	-
8089	MAYBERRY SUB		0% Subs	Allocated according to substation percentage						23,090	681,721	18,137,268	-	-	-	-	-	-	-	-
8090	PERMANENTE SUB		0% Subs	Allocated according to substation percentage						-	-	87,113	-	-	-	-	-	-	-	-
8091	ELCENTRO TELEMTERING		0% Subs	Allocated according to substation percentage						-	-	15,844	-	-	-	-	-	-	-	-
8092	NILAND TELEMETERING		0% Subs	Allocated according to substation percentage						-	-	6,807	-	-	-	-	-	-	-	-
8093	SHANDIN SUB		0% Subs	Allocated according to substation percentage						42,272	1,760,936	11,376,675	-	-	-	-	-	-	-	-



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Location	Description	Voltage (kV)	Study	Circuit Miles						Balance by FERC Account (Total Transmission) Current Study									
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356	357	358	359	350
8102	AMARGO SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-
8104	FARRELL SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-
8110	BARSTOW SUB		0% Subs	Allocated according to substation percentage						-	6,894	59,447	-	-	-	-	-	-	-
8113	BLYTHE SUB		0% Subs	Allocated according to substation percentage						-	22,511	440,016	-	-	-	-	-	-	-
8117	BRYMAN SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-
8120	MILITARY SUB		0% Subs	Allocated according to substation percentage						-	15,598	-	-	-	-	-	-	-	-
8132	CAL CITY SUB		0% Subs	Allocated according to substation percentage						-	40,911	-	-	-	-	-	-	-	-
8137	DOWNNS SUB		0% Subs	Allocated according to substation percentage						82,401	5,774,614	17,139,102	-	-	-	-	-	-	-
8152	GLEN IVY SUB		0% Subs	Allocated according to substation percentage						-	15,642	27,225	-	-	-	-	-	-	-
8163	HELENDALE SUB		0% Subs	Allocated according to substation percentage						-	15,110	81,054	-	-	-	-	-	-	-
8179	Lakeview		0% Subs	Allocated according to substation percentage						1,488,635	-	-	-	-	-	-	-	-	-
8182	BOTTLE SUB		0% Subs	Allocated according to substation percentage						-	209,778	1,283,195	-	-	-	-	-	-	-
8190	MINNEOLA SUB		0% Subs	Allocated according to substation percentage						-	-	5,725	-	-	-	-	-	-	-
8193	MORENO SUB		0% Subs	Allocated according to substation percentage						104,923	786,407	6,349,863	-	-	-	-	-	-	-
8195	MURRIETA 2 SUB		0% Subs	Allocated according to substation percentage						-	20,720	21,911	-	-	-	-	-	-	-
8197	SOUTHCAP SUB.		0% Subs	Allocated according to substation percentage						-	-	882,819	-	-	-	-	-	-	-
8198	MUSCOY SUB		0% Subs	Allocated according to substation percentage						-	-	132,416	-	-	-	-	-	-	-
8204	BELDING SUB		0% Subs	Allocated according to substation percentage						-	48,986	-	-	-	-	-	-	-	-
8212	ORO GRANDE SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-
8214	PALM CANYON SUB		0% Subs	Allocated according to substation percentage						-	60,590	-	-	-	-	-	-	-	-
8220	LUCERNE SUB		0% Subs	Allocated according to substation percentage						-	13,167	-	-	-	-	-	-	-	-
8222	RANCHO SUB		0% Subs	Allocated according to substation percentage						-	6,894	2,107	-	-	-	-	-	-	-
8225	RIALTO SUB		0% Subs	Allocated according to substation percentage						-	17,716	30,776	-	-	-	-	-	-	-
8226	RIDGECREST SUB		0% Subs	Allocated according to substation percentage						-	-	17,438	-	-	-	-	-	-	-
8234	SAN JACINTO SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-
8250	TEMESCAL SUB		0% Subs	Allocated according to substation percentage						-	-	4,236	-	-	-	-	-	-	-
8260	VICTORVILLE SUB		0% Subs	Allocated according to substation percentage						-	18,135	22,159	-	-	-	-	-	-	-
8267	WILDE SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-
8268	YERMO SUB		0% Subs	Allocated according to substation percentage						-	23,195	-	-	-	-	-	-	-	-
8270	TENAIA SUBSTATION		0% Subs	Allocated according to substation percentage						-	17,764	21,919	-	-	-	-	-	-	-
8273	IRON MT SCE		0% Subs	Allocated according to substation percentage						-	8,651	-	-	-	-	-	-	-	-
8283	GALE SUB		0% Subs	Allocated according to substation percentage						-	533,657	5,137,407	-	-	-	-	-	-	-
8294	GOLD HILL SUB		0% Subs	Allocated according to substation percentage						-	6,894	-	-	-	-	-	-	-	-
8301	BUCKWIND		0% Subs	Allocated according to substation percentage						-	38,186	752,092	-	-	-	-	-	-	-
8302	CAPWIHND		0% Subs	Allocated according to substation percentage						-	29,827	575,051	-	-	-	-	-	-	-
8303	RENWIND		0% Subs	Allocated according to substation percentage						-	51,653	806,250	-	-	-	-	-	-	-
8304	SANWIND		0% Subs	Allocated according to substation percentage						-	-	408,189	-	-	-	-	-	-	-
8305	TRANSWIND		0% Subs	Allocated according to substation percentage						-	25,366	1,061,136	-	-	-	-	-	-	-
8306	VENWIND		0% Subs	Allocated according to substation percentage						-	26,170	2,314,603	-	-	-	-	-	-	-
8308	ALTWIND		0% Subs	Allocated according to substation percentage						-	104,216	492,639	-	-	-	-	-	-	-
8310	TERAWIND		0% Subs	Allocated according to substation percentage						-	5,398	226,460	-	-	-	-	-	-	-
8311	INDIGO SUBSTATION		0% Subs	Allocated according to substation percentage						-	4,899	630,060	-	-	-	-	-	-	-
8312	CALGEN		0% Subs	Allocated according to substation percentage						532	6,214	432,703	-	-	-	-	-	-	-
8314	MCGEN		0% Subs	Allocated according to substation percentage						-	98,551	1,464,676	-	-	-	-	-	-	-
8320	SEGS II		0% Subs	Allocated according to substation percentage						-	-	45,594	-	-	-	-	-	-	-
8321	SEGS III		0% Subs	Allocated according to substation percentage						-	302,998	1,500,988	-	-	-	-	-	-	-
8322	SEGS IV		0% Subs	Allocated according to substation percentage						-	280,602	1,436,048	-	-	-	-	-	-	-
8323	SEGS V		0% Subs	Allocated according to substation percentage						-	269,348	1,334,307	-	-	-	-	-	-	-
8324	SEGS VI		0% Subs	Allocated according to substation percentage						-	299,531	1,516,716	-	-	-	-	-	-	-
8325	SEGS VII		0% Subs	Allocated according to substation percentage						-	308,651	1,642,274	-	-	-	-	-	-	-
8326	SEGS VIII		0% Subs	Allocated according to substation percentage						-	-	83,150	-	-	-	-	-	-	-
8327	SEGS IX		0% Subs	Allocated according to substation percentage						-	-	74,085	-	-	-	-	-	-	-
8340	SOPORT		0% Subs	Allocated according to substation percentage						-	42,538	654,012	-	-	-	-	-	-	-
8342	NEWCOMB		0% Subs	Allocated according to substation percentage						51,172	1,318,127	12,123,137	-	-	-	-	-	-	-
8343	ELSINORE		0% Subs	Allocated according to substation percentage						20,961	1,435,426	18,688,945	-	-	-	-	-	-	-
8344	SOUTH BASE SUB		0% Subs	Allocated according to substation percentage						12,179	172,017	2,017,154	-	-	-	-	-	-	-
8345	INDIAN WELLS SUB		0% Subs	Allocated according to substation percentage						222,600	954,064	14,192,396	-	-	-	-	-	-	-
8346	FOGARTY SUB		0% Subs	Allocated according to substation percentage						-	4,398,452	16,251,905	-	-	-	-	-	-	-
8347	PECHANGA SUB		0% Subs	Allocated according to substation percentage						560,579	1,276,125	14,082,026	-	-	-	-	-	-	-
8351	TANKER SUBSTATION		0% Subs	Allocated according to substation percentage						120	4,440	953,999	-	-	-	-	-	-	-
8353	PLUESS SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	151,193	-	-	-	-	-	-	-
8354	AFG SUBSTATION		0% Subs	Allocated according to substation percentage						-	78,655	1,082,686	-	-	-	-	-	-	-
8357	RECTIFIER SUB		0% Subs	Allocated according to substation percentage						-	5,170	1,102,037	-	-	-	-	-	-	-
8359	MOUNTWIND SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	43,045	-	-	-	-	-	-	-
8361	COSO SUB		0% Subs	Allocated according to substation percentage						91,119	1,699,133	4,796,344	-	-	-	-	-	-	-
8362	MOVAL SUBSTATION		0% Subs	Allocated according to substation percentage						-	128,640	700,786	-	-	-	-	-	-	-
8504	RITTER SUB		0% Subs	Allocated according to substation percentage						942,487	17,386	-	-	-	-	-	-	-	-
8509	PHARMACY SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	27,725	-	-	-	-	-	-	-
8511	GLOW SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	128,972	-	-	-	-	-	-	-
8558	PLASTER SUBSTATION		0% Subs	Allocated according to substation percentage						4,671	-	-	-	-	-	-	-	-	-
8810	ONEIL SUBSTATION		0% Subs	Allocated according to substation percentage						1,188,142	-	-	-	-	-	-	-	-	-
8956	MWD EASTSIDE RES		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-
9009	CONSTR FIELD FORCES		0% Subs	Allocated according to substation percentage						-	-	527,316	-	-	-	-	-	-	-
9047	TRANS/SUB SUPPORT SERV		0% Subs	Allocated according to substation percentage						-	-	103,895,978	-	-	-	-	-	-	-
9287	REAL PROP-LAND SVCS-STHRN		0% Subs	Allocated according to substation percentage						-	12,869	-	-	-	-	-	-	-	-
9440	WESTMINSTER FENWICK BLDG		0% Subs	Allocated according to substation percentage						-	8,929	-	-	-	-	-	-	-	-
9900	PLANT ACCTG-MISC. LEDGER		0% Subs	Allocated according to substation percentage						631	-	-							

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Location	Description	Voltage (kV)	Study	Circuit Miles						Balance by FERC Account (Total Transmission) Current Study											
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356	357	358	359	350	352	
5275	MARYMOUNT SUB		0% Subs	Allocated according to substation percentage						-	4,862	-	-	-	-	-	-	-	-	-	
5282	PALOGEN SUB		0% Subs	Allocated according to substation percentage						-	42,738	-	-	-	-	-	-	-	-	-	
5302	BIG CREEK 2		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-	
5320	OCTOL SUB		0% Subs	Allocated according to substation percentage						-	13,523	-	-	-	-	-	-	-	-	-	
5339	GREENHORN SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-	
5410	FLOWIND SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-	
5412	SILVER PEAK SUB		0% Subs	Allocated according to substation percentage						-	-	79,333	-	-	-	-	-	-	-	-	
5520	MODOC SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-	
5576	NEWHALL SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-	
5616	FLANCO SUB		0% Subs	Allocated according to substation percentage						-	22,342	-	-	-	-	-	-	-	-	-	
5618	FIREHOUSE SUB		0% Subs	Allocated according to substation percentage						-	6,520	-	-	-	-	-	-	-	-	-	
5621	HUSTON SUB		0% Subs	Allocated according to substation percentage						-	45,573	-	-	-	-	-	-	-	-	-	
5626	PEDLEY SUB		0% Subs	Allocated according to substation percentage						-	22,868	-	-	-	-	-	-	-	-	-	
5633	SAN DIMAS SUB		0% Subs	Allocated according to substation percentage						-	19,651	-	-	-	-	-	-	-	-	-	
5645	LAYFAIR SUB		0% Subs	Allocated according to substation percentage						-	189,720	-	-	-	-	-	-	-	-	-	
5650	LINDE AIR SUB		0% Subs	Allocated according to substation percentage						-	15,935	-	-	-	-	-	-	-	-	-	
5654	REDUCTION SUB		0% Subs	Allocated according to substation percentage						-	34,835	-	-	-	-	-	-	-	-	-	
5656	BAIN SUB		0% Subs	Allocated according to substation percentage						-	704	-	-	-	-	-	-	-	-	-	
5658	PIPE SUB		0% Subs	Allocated according to substation percentage						-	32,989	-	-	-	-	-	-	-	-	-	
5714	CUDAHY SUB		0% Subs	Allocated according to substation percentage						-	85,156	-	-	-	-	-	-	-	-	-	
5754	SOMERSET SUBSTATION		0% Subs	Allocated according to substation percentage						-	55,761	-	-	-	-	-	-	-	-	-	
5766	DAISY SUBSTATION		0% Subs	Allocated according to substation percentage						-	30,708	-	-	-	-	-	-	-	-	-	
5893	PASSONS SUB		0% Subs	Allocated according to substation percentage						-	3,215	-	-	-	-	-	-	-	-	-	
1860	PALOVERDE NUCL GEN PLT-U1	500	0% Subs	Allocated according to substation percentage						-	-	2,597,299	232,241	-	84,727	-	-	-	-	-	
1864	PALO VERDE-UNIT 2	500	0% Subs	Allocated according to substation percentage						-	-	2,488,614	181,545	-	96,210	-	-	-	-	-	
1866	PALO VERDE-UNIT 3	500	0% Subs	Allocated according to substation percentage						-	-	5,007,603	253,332	-	92,249	-	-	-	-	-	
1867	PALOVERDE-COMMON 1,2,3	500	0% Subs	Allocated according to substation percentage						7,766	-	2,721,697	854,373	-	-	-	-	-	-	-	
5832	LA HABRA SUBSTATION	66	0% Subs	Allocated according to substation percentage						-	-	17,125	-	-	-	-	-	-	3,858	-	
8078	SUN CITY(NEW)	115	0% Subs	Allocated according to substation percentage						119,513	1,940,376	14,880,345	-	-	-	203,176	-	-	-	-	
8096	MARSHCHINO SUB	115	0% Subs	Allocated according to substation percentage						27,809	1,636,175	11,336,300	-	-	-	-	-	-	36,281	-	
8098	EISENHOWER SUB	115	0% Subs	Allocated according to substation percentage						189,886	846,100	15,216,081	-	-	-	-	-	-	3,254	1,043	
8348	MORAGA	115	0% Subs	Allocated according to substation percentage						40,720	745,980	20,185,562	-	-	-	816	-	-	-	-	
9310	TELCOMM-ALHAMBRA		0% Subs	Allocated according to substation percentage						327,844	-	-	-	-	(2,151)	-	-	-	-	-	
6011	RIALTO COMB FAC. BLDG B&C		0% Subs	Allocated according to substation percentage						-	2,770	-	-	-	-	-	-	-	-	-	
8121	CANTIL SUB		0% Subs	Allocated according to substation percentage						-	57,897	7,293	-	-	-	-	-	-	-	-	
8123	CATHEDRAL CITY SUB		0% Subs	Allocated according to substation percentage						-	9,939	-	-	-	-	-	-	-	-	-	
8136	DESERT OUTPOST SUB		0% Subs	Allocated according to substation percentage						-	13,544	-	-	-	-	-	-	-	-	-	
8159	EL SOBRANTE SUB		0% Subs	Allocated according to substation percentage						-	24,846	-	-	-	-	-	-	-	-	-	
8161	HARVARD SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-	
8170	INYOERN TOWN SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-	
8172	JOSHUA TREE SUB		0% Subs	Allocated according to substation percentage						-	9,177	-	-	-	-	-	-	-	-	-	
8216	PEERLESS SUB		0% Subs	Allocated according to substation percentage						-	-	7,635	-	-	-	-	-	-	-	-	
8238	SILVER SPUR SUB		0% Subs	Allocated according to substation percentage						-	8,994	-	-	-	-	-	-	-	-	-	
8244	SUNNY DUNES SUB		0% Subs	Allocated according to substation percentage						-	13,259	-	-	-	-	-	-	-	-	-	
8255	TWENTYNINE PALMS SUB		0% Subs	Allocated according to substation percentage						-	11,480	-	-	-	-	-	-	-	-	-	
9077	INFO TECH-GO2		0% Subs	Allocated according to substation percentage						-	-	9,285,586	-	-	-	-	-	-	-	-	
9235	RP&AS-NRTHSHRE REC AREA		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	204,635	-	
2612	MINARET		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-	
5120	FEDERALGEN SUB		0% Subs	Allocated according to substation percentage						-	6,944	-	-	-	-	-	-	-	-	-	
5152	JOSE SUB		0% Subs	Allocated according to substation percentage						-	51,570	3,887	-	-	-	-	-	-	-	-	
5175	VAIL SUB		0% Subs	Allocated according to substation percentage						-	15,470	-	-	-	-	-	-	-	-	-	
5188	DALTON SUB		0% Subs	Allocated according to substation percentage						-	82,794	-	-	-	-	-	-	-	-	-	
5201	BEVERLY HILLS SUB		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-	
5210	HOWARD SUB		0% Subs	Allocated according to substation percentage						-	33,804	17,431	-	-	-	-	-	-	-	-	
5405	CANWIND SUB		0% Subs	Allocated according to substation percentage						-	-	9,895	-	-	-	-	-	-	-	-	
5406	ENWIND SUB		0% Subs	Allocated according to substation percentage						-	11,023	29,527	-	-	-	-	-	-	-	-	
5409	MORWIND SUB		0% Subs	Allocated according to substation percentage						-	-	6,367	-	-	-	-	-	-	-	-	
5414	DUTCHWIND SUB		0% Subs	Allocated according to substation percentage						-	12,069	7,801	-	-	-	-	-	-	-	-	
5415	OAKWIND SUB		0% Subs	Allocated according to substation percentage						-	-	23,342	-	-	-	-	-	-	-	-	
5424	MIDWIND SUB		0% Subs	Allocated according to substation percentage						-	-	23,000	-	-	-	-	-	-	-	-	
5535	CHARMIN SUB		0% Subs	Allocated according to substation percentage						-	-	33,913	-	-	-	-	-	-	-	-	
5572	GAVIOTA SUB		0% Subs	Allocated according to substation percentage						-	-	118,097	-	-	-	-	-	-	-	-	
5604	TIMOTEO SUB		0% Subs	Allocated according to substation percentage						-	1,760	-	-	-	-	-	-	-	-	-	
5629	REDLANDS SUB		0% Subs	Allocated according to substation percentage						-	29,558	21,359	-	-	-	-	-	-	-	-	
5636	YUCAIPA SUB		0% Subs	Allocated according to substation percentage						-	31,005	-	-	-	-	-	-	-	-	-	
5661	RUNNING SPRINGS SUB		0% Subs	Allocated according to substation percentage						-	31,398	-	-	-	-	-	-	-	-	-	
5667	ARCHLINE SUB		0% Subs	Allocated according to substation percentage						-	12,856	-	-	-	-	-	-	-	-	-	
5668	CRESTMORE SUB		0% Subs	Allocated according to substation percentage						-	14,975	-	-	-	-	-	-	-	-	-	
5680	DIAMOND BAR SUB		0% Subs	Allocated according to substation percentage						-	-	49,398	-	-	-	-	-	-	-	-	
5718	FRUITLAND SUB		0% Subs	Allocated according to substation percentage						-	12,712	-	-	-	-	-	-	-	-	-	
5720	FREEMONT SUB		0% Subs	Allocated according to substation percentage						-	6,957	-	-	-	-	-	-	-	-	-	
5779	DAVIDSON CITY		0% Subs	Allocated according to substation percentage						-	6,957	-	-	-	-	-	-	-	-	-	
5812	MURPHY SUB		0% Subs	Allocated according to substation percentage						-	20,469	-	-	-	-	-	-	-	-	-	
5886	PIONEER SUB		0% Subs	Allocated according to substation percentage						-	6,944	-	-	-	-	-	-	-	-	-	
8207	HOLIDAY SUB		0% Subs	Allocated according to substation percentage						-	19,356	-	-	-	-	-	-	-	-	-	
8210	OLIVE LAKE SUB		0% Subs	Allocated according to substation percentage						-	558	-	-	-	-	-	-	-	-		

SOUTHERN CALIFORNIA EDISON COMPANY  
Transmission Line Study Results  
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Location	Description	Voltage (kV)	Study	Circuit Miles					Balance by FERC Account (Total Transmission) Current Study											
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356	357	358	359	350	352
8071	CLEMENTINE	66	0 Subs	Allocated according to substation percentage	-	-	-	-	-	-	41,635	69,695	-	-	-	-	-	-	-	-
5216	MANHATTAN SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	10,762	-	-	-	-	-	-	-	-	-
5218	MONETA SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	16,856	-	-	-	-	-	-	-	-	-
5227	REDONDO SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	33,678	-	-	-	-	-	-	-	-	-
5228	ROSECRANS SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	70,273	-	-	-	-	-	-	-	-	-
5231	SANTA MONICA SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	19,277	-	-	-	-	-	-	-	-	-
5246	DITMAR SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	8,977	-	-	-	-	-	-	-	-	-
5254	HAVEDA SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	30,118	-	-	-	-	-	-	-	-	-
5255	LUNADA SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	8,090	-	-	-	-	-	-	-	-	-
5267	SPACE SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	21,278	-	-	-	-	-	-	-	-	-
5274	GALAXY SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	8,898	-	-	-	-	-	-	-	-	-
5411	ARBWIND SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5570	VEGAS SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	5,801	-	-	-	-	-	-	-	-	-	-
5624	NORCO SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	66,934	-	-	-	-	-	-	-	-	-
5628	TENNESSEE SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	44,558	-	-	-	-	-	-	-	-	-
5635	UPLAND SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	21,532	-	-	-	-	-	-	-	-	-
5639	FRANCIS SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	59,194	-	-	-	-	-	-	-	-	-
5726	HATHAWAY SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	37,411	-	-	-	-	-	-	-	-	-
5881	JOHANNA SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	14,630	-	-	-	-	-	-	-	-	-
8119	CADY SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	13,562	-	-	-	-	-	-	-	-	-
8140	EAST BARSTOW SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	12,855	-	-	-	-	-	-	-	-	-
8148	FOREST HOME SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	15,135	-	-	-	-	-	-	-	-	-
8175	INDIAN WELLS SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	103,197	-	-	-	-	-	-	-	-	-
8211	ORDWAY SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	15,611	-	-	-	-	-	-	-	-	-
8263	PEREZ SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	29,219	-	-	-	-	-	-	-	-	-
8279	CORONA SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	5,855	-	-	-	-	-	-	-	-	-
8295	TORTILLA SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	48,114	-	-	-	-	-	-	-	-	-
9300	ALHAMBRA COMM SITE		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	9,775	-	-	-	-	-	-	-	-
2587	SKILAND (MAMMOTH LAKE) SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	129,731	-	-	-	-	-	-	-	-	-
8371	KARMA SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	1,200	-	189,559	-	-	-	-	-	-	-	-
1510	EL SEGUNDO GEN. STATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	83,831	2,450	-	-	-	-	-	-	-	-
1936	COOLWATER COMMON		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1996	SAN BERNARDINO COMMON		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	27,803	-	-	-	-	-	-	-	-	-
5347	ISABELLA SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	73,306	-	-	-	-	-	-	-	-	-	-
5608	CARDIFF SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	117,952	-	-	-	-	-	-	-	-	-
5630	GRAPELAND PEAKER SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5637	TIPPECANOE SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	21,769	-	-	-	-	-	-	-	-	-
5808	BRYAN SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	62,236	-	-	-	-	-	-	-	-	-
5821	FAIRVIEW SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	37,527	-	-	-	-	-	-	-	-	-
5836	MORRO SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	47,115	-	-	-	-	-	-	-	-	-
5838	NARROWS SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	16,683	-	-	-	-	-	-	-	-	-
5861	CHESTNUT SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	15,616	-	-	-	-	-	-	-	-	-
5863	BARTOLO SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	4,087	-	-	-	-	-	-	-	-	-
6039	VENTURA S/C		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	566,817	-	-	-	-	-	-	-	-	-
6048	NO. ORANGE COUNTY S/C		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8205	NORTH INTAKE SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	13,741	-	-	-	-	-	-	-	-	-
8215	PALM VILLAGE SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	46,196	-	-	-	-	-	-	-	-	-
8219	GAVILAN SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	29,892	-	-	-	-	-	-	-	-	-
8239	SIXTEENTH STREET SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	34,308	-	-	-	-	-	-	-	-	-
8813	SHELL WESTERN(BREA) SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	9,846	-	-	-	-	-	-	-	-	-
9159	GRID CONTROL MGMT T&D		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5722	PICO SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	105,305	-	-	-	-	-	-	-	-	-
5742	THUMS "B" SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	23,963	-	-	-	-	-	-	-	-	-
5790	SEABRIGHT SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	29,034	-	-	-	-	-	-	-	-	-
8360	CALDWELL SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	30,789	-	-	-	-	-	-	-	-	-
5619	HIGHLAND SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	59,490	-	-	-	-	-	-	-	-	-
8066	MOUNTAINVIEW SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	103,392	-	-	-	-	-	-	-	-	-
7054	TULARE COUNTY		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	204,260	80,606	-	-	-	-	-	-
8266	WHITEWATER SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	28,566	-	-	-	-	-	-	-	-	-
5632	STODDARD SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	130,605	-	-	-	-	-	-	-	-	-
5037	OMAR SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	36,798	-	-	-	-	-	-	-	-	-
4806	COYOTE CREEK HYDRO		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	98,837	-	-	-	-	-	-	-
6005	NORTH COAST REGION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5703	NAVY ONE SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	32,077	-	-	-	-	-	-	-	-	-
5232	VICTORIA SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	162,536	-	-	-	-	-	-	-	-	-
2113	PARKER DAM-US BUR OF RECL		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	12,334	-	-	-	-	-	-	-	-	-
5323	PORTERVILLE SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	80,195	-	-	-	-	-	-	-	-	-
5029	EDMONSTON SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	5,050	-	-	-	-	-	-	-	-	-
4242	KERN RIVER #3-BOREL 66KV		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5264	CREST SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	15,678	-	-	-	-	-	-	-	-	-
8150	SUNSHINE SWITCHYARD SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	11,776	-	-	-	-	-	-	-	-	-
5735	LOCUST SUBSTATION		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	61,853	-	-	-	-	-	-	-	-	-
5555	CHATSWORTH SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	43,900	-	-	-	-	-	-	-	-	-
5308	GLENNVILLE SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	55,476	-	-	-	-	-	-	-	-	-
5142	SAN GABRIEL SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	23,648	-	-	-	-	-	-	-	-	-
6047	WHITTIER S/C		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	10,206	-	-	-	-	-	-	-
8103	AMBOY SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	41,774	-	-	-	-	-	-	-	-	-
5121	GARFIELD SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	54,966	-	-	-	-	-	-	-	-	-
8162	DEFRAIN SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	41,774	-	-	-	-	-	-	-	-	-
5233	WALTERIA SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	29,599	-	-	-	-	-	-	-	-	-
5350	THREE RIVERS SUB		0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	28,746	</								

SOUTHERN CALIFORNIA EDISON COMPANY  
Transmission Line Study Results  
As of December 31, 2023

Location	Description	Voltage (kV)	Study	Circuit Miles						Balance by FERC Account (Total Transmission) Current Study											
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356	357	358	359	350	352	
8297	FORGE SUB		0% Subs	Allocated according to substation percentage						-	28,209	-	-	-	-	-	-	-	-	-	
5126	GRANADA SUB		0% Subs	Allocated according to substation percentage						-	15,937	-	-	-	-	-	-	-	-	-	
5295	CHEVCENTRAL SUB		0% Subs	Allocated according to substation percentage						-	9,975	-	-	-	-	-	-	-	-	-	
5781	NEPTUNE SUBSTATION		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-	
6030	FOOTHILL S/C		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-	-	
5171	BRADBURY SUB		0% Subs	Allocated according to substation percentage						-	123,485	-	-	-	-	-	-	-	-	-	
8007	RIVERTEX SUBSTATION		0% Subs	Allocated according to substation percentage						-	124,407	-	-	-	-	-	-	-	-	-	
5278	WESTHILL SUB		0% Subs	Allocated according to substation percentage						-	54,242	-	-	-	-	-	-	-	-	-	
5114	BELVEDERE SUB		0% Subs	Allocated according to substation percentage						-	77,349	-	-	-	-	-	-	-	-	-	
6085	BISHOP SERVICE CENTER		0% Subs	Allocated according to substation percentage						-	10,853	-	-	-	-	-	-	-	-	-	
8138	FORT IRWIN SUBSTATION		0% Subs	Allocated according to substation percentage						-	104,892	-	-	-	-	-	-	-	-	-	
5356	KERNVILLE SUB		0% Subs	Allocated according to substation percentage						-	18,935	-	-	-	-	-	-	-	-	-	
8836	HOLLYWOOD PARK		0% Subs	Allocated according to substation percentage						-	462,851	-	-	-	-	-	-	-	-	-	
5217	MARINE SUB		0% Subs	Allocated according to substation percentage						-	17,432	-	-	-	-	-	-	-	-	-	
5328	TULARE SUB		0% Subs	Allocated according to substation percentage						-	13,759	-	-	-	-	-	-	-	-	-	
6034	ONTARIO S/C		0% Subs	Allocated according to substation percentage						-	-	-	-	809	-	-	-	-	-	-	
7033	RIVERSIDE COUNTY		0% Subs	Allocated according to substation percentage						-	11,174	-	-	-	-	-	-	-	-	-	
9285	PROP SVCS-SN GBRL VAL REG		0% Subs	Allocated according to substation percentage						-	-	37,054	-	-	-	-	-	-	-	-	
4702	CO-GEN/REN ENERGY SVS	220	0% Subs	Allocated according to substation percentage						-	-	877,662	-	-	-	-	-	-	-	-	
INTERNALORE: INTERNALORDER				Mix Subs	Allocated according to substation percentage					-	-	1,868	-	-	-	-	-	-	-	-	
1000	DIV MTCE / OVERHAUL MNGT		Mix Subs	Allocated according to substation percentage						-	-	19,799	-	-	-	-	-	-	-	-	
1250	MOUNTAINVIEW POWER-COMMON		Mix Subs	Allocated according to substation percentage						-	-	27,323,050	-	-	-	-	-	-	-	-	
1869	PALOVERDE-SWITCHYARD		Mix Subs	Allocated according to substation percentage						-	2,465,520	7,901,074	-	-	-	-	-	-	-	1,588,986	
1870	PV UNIT 1-INCREMENTAL		Mix Subs	Allocated according to substation percentage						-	-	194,959	-	-	-	-	-	-	-	-	
8076 & 199	San Bernardino-220kv Switchyard & 220kv to 66kv		Mix Subs	Allocated according to substation percentage						302,392	7,781,343	61,314,098	-	-	-	-	-	-	122,179	3,144,240	
2211	BIG CREEK NO.1		Mix Subs	Allocated according to substation percentage						-	277,659	14,222,206	-	-	-	-	-	-	-	139,857	
2212	BIG CREEK NO.2		Mix Subs	Allocated according to substation percentage						-	-	2,274,534	-	-	-	-	-	-	-	-	
2229	BIG CREEK NO.8		Mix Subs	Allocated according to substation percentage						-	282,649	4,214,867	-	-	-	-	-	-	-	169,072	
2230	BIG CREEK NO.3		Mix Subs	Allocated according to substation percentage						-	2,536,133	27,640,735	-	-	-	-	-	-	-	1,723,608	
2234	BIG CREEK NO.2A		Mix Subs	Allocated according to substation percentage						-	-	1,031,434	-	-	-	-	-	-	-	-	
5000	SUBSTN DIV		Mix Subs	Allocated according to substation percentage						-	-	1,406,750	-	-	-	-	-	-	-	-	
5011	EAGLE ROCK SUB		Mix Subs	Allocated according to substation percentage						19,613	4,970,799	39,945,769	-	-	-	-	-	-	3,584	907,510	
5012	MESA SUB		Mix Subs	Allocated according to substation percentage						2,031,347	155,338,813	458,105,303	-	-	-	-	-	-	1,414,537	97,851,043	
5013	RIO HONDO SUB		Mix Subs	Allocated according to substation percentage						457,530	10,776,886	89,622,283	-	-	-	-	-	-	119,147	2,806,439	
5023	EL NIDO SUB		Mix Subs	Allocated according to substation percentage						285,620	18,520,882	61,594,975	-	-	-	-	-	-	87,386	5,664,690	
5024	LA CIENEGA SUB		Mix Subs	Allocated according to substation percentage						2,100,227	6,391,161	55,259,858	-	-	-	-	-	-	516,475	1,692,026	
5025	ALAMITOS SWITCHCRACK SUB		Mix Subs	Allocated according to substation percentage						62,281	9,416,604	48,806,657	-	-	-	-	-	-	19,072	2,880,217	
5027	LG BCH SWITCHCRACK SUB		Mix Subs	Allocated according to substation percentage						97,213	1,377,421	6,846,026	-	-	-	-	-	-	23,235	329,219	
5028	REDONDO SWITCHCRACK SUB		Mix Subs	Allocated according to substation percentage						13,018	39,761	6,629,484	-	-	-	-	-	-	9,699	29,624	
5031	MAGUNDEN SUB		Mix Subs	Allocated according to substation percentage						8,363	7,585,488	27,336,912	-	-	-	-	-	-	7,987	7,244,152	
5033	RECTOR SUB		Mix Subs	Allocated according to substation percentage						394,745	34,392,461	127,693,951	-	-	-	-	-	-	219,295	19,079,104	
5035	VESTAL SUB		Mix Subs	Allocated according to substation percentage						7,235	2,105,368	60,256,195	-	-	-	-	-	-	3,551	977,225	
5038	NO. T/S REG OFC/VALENCIA		Mix Subs	Allocated according to substation percentage						123,342	3,723,403	-	-	-	-	-	-	-	89,880	2,399,669	
5040	EAGLE MT. SUB		Mix Subs	Allocated according to substation percentage						-	656,449	36,547,519	-	-	-	-	-	-	-	315,676	
5041 & 804	Inyokern (CEP) & Inyokern		Mix Subs	Allocated according to substation percentage						7,964	758,800	15,213,390	-	-	-	-	-	-	1,978	196,529	
5042 & 804	Kramer & Kramer-Radial Line Agmt		Mix Subs	Allocated according to substation percentage						48,811	2,801,175	55,197,214	-	-	-	-	-	-	39,495	2,266,518	
5043	CIMA SUB		Mix Subs	Allocated according to substation percentage						1,824	199,509	4,511,395	-	-	-	-	-	-	146	12,992	
5050	PARDEE SUB		Mix Subs	Allocated according to substation percentage						970,263	23,436,835	61,076,916	-	-	-	-	-	-	901,261	21,770,071	
5055	GOLETA SUB		Mix Subs	Allocated according to substation percentage						236,194	7,556,983	46,110,778	-	-	-	-	-	-	63,574	2,032,683	
5056	MOORPARK SUB		Mix Subs	Allocated according to substation percentage						184,091	13,666,411	91,905,082	-	-	-	-	-	-	50,490	3,748,241	
5060	PADUA SUB		Mix Subs	Allocated according to substation percentage						149,547	5,371,703	61,850,937	-	-	-	-	-	-	55,980	2,005,409	
5062	CHINO SUB		Mix Subs	Allocated according to substation percentage						34,437	23,576,294	143,676,602	-	-	-	-	-	-	10,457	13,119,012	
5063	JULIAN HINDS SUB		Mix Subs	Allocated according to substation percentage						-	1,890,578	24,274,795	-	-	-	-	-	-	-	1,874,511	
5064	VISTA SUB		Mix Subs	Allocated according to substation percentage						52,109	29,925,895	107,216,888	-	-	-	-	-	-	11,827	6,190,442	
5067	DEVERS SUB		Mix Subs	Allocated according to substation percentage						1,370,096	69,980,245	270,650,841	-	-	-	-	-	-	1,048,868	52,886,071	
5070 & 801	Valley & Valley - CEP		Mix Subs	Allocated according to substation percentage						311,358	46,090,877	194,571,236	-	-	-	-	-	-	121,629	17,195,927	
5071	HINSON SUB		Mix Subs	Allocated according to substation percentage						678,278	8,977,939	54,096,728	-	-	-	-	-	-	106,589	1,396,294	
5073	LIGHTHIPE SUB		Mix Subs	Allocated according to substation percentage						164,680	15,263,438	40,698,739	-	-	-	-	-	-	59,238	5,478,208	
5075	DEL AMO SUB		Mix Subs	Allocated according to substation percentage						164,747	10,818,291	72,656,853	-	-	-	-	-	-	28,652	2,164,294	
5079	WINDHUB SUB		Mix Subs	Allocated according to substation percentage						1,231,926	32,481,513	217,201,677	-	-	-	-	-	-	1,085,598	28,623,362	
5081	BARRE SUB		Mix Subs	Allocated according to substation percentage						86,188	6,414,705	84,170,882	-	-	-	-	-	-	27,686	2,060,527	
5082	VILLA PARK SUB		Mix Subs	Allocated according to substation percentage						270,570	7,242,460	82,284,995	-	-	-	-	-	-	64,135	1,618,465	
5084	CENTER SUB		Mix Subs	Allocated according to substation percentage						71,802	5,577,614	55,728,495	-	-	-	-	-	-	8,649	569,057	
5085 & 5881	JOHANNA SUB		Mix Subs	Allocated according to substation percentage						813,416	7,640,119	64,586,622	-	-	-	-	-	-	228,148	2,134,519	
5086	ELLIS SUB		Mix Subs	Allocated according to substation percentage						59,409	5,105,038	78,531,802	-	-	-	-	-	-	13,879	1,192,663	
5087	OLINDA SUB		Mix Subs	Allocated according to substation percentage						390,538	3,278,942	39,757,549	-	-	-	-	-	-	78,430	656,083	
5088	SANTIAGO SUB		Mix Subs	Allocated according to substation percentage						557,976	19,474,060	158,000,319	-	-	-	-	-				

SOUTHERN CALIFORNIA EDISON COMPANY  
Transmission Line Study Results  
As of December 31, 2023

Location	Description	Voltage (kV)	Study	Circuit Miles						Balance by FERC Account (Total Transmission) Current Study											
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356	357	358	359	350	352	
9243	CONTROL SYS SEC-ALHAMBRA		Mix Subs	Allocated according to substation percentage						-	375,558	2,962,532	-	-	-	-	-	-	-	242,040	
9078	IRVINE OPER CENTER		Mix Subs	Allocated according to substation percentage						-	8,245	-	-	-	-	-	-	-	-	5,314	
9330	TELECOMM-ALHAMBRA		Mix Subs	Allocated according to substation percentage						-	-	69,276	-	-	-	-	-	-	-	-	
2356	CONTROL STATION	115	Mix Subs	Allocated according to substation percentage						-	1,661,309	15,848,709	-	40,798	25,499	-	-	-	-	1,269,727	
5014	WALNUT SUB		Mix Subs	Allocated according to substation percentage						97,955	7,271,648	65,370,357	-	-	-	-	-	-	-	2,195,117	
5015	GOULD SUB	500	Mix Subs	Allocated according to substation percentage						29,300	1,606,110	34,689,578	-	-	-	-	-	4,090	-	10,049	
5021	LA FRESA SUB	500	Mix Subs	Allocated according to substation percentage						101,370	17,390,342	138,456,029	-	-	-	-	-	-	-	19,268	
5052	ANTELOPE SUB	500	Mix Subs	Allocated according to substation percentage						21,983	9,809,983	218,184,648	-	-	-	37,191	-	-	-	21,969	
5053	SANTA CLARA SUB	220	Mix Subs	Allocated according to substation percentage						140,739	5,259,506	62,118,819	-	-	-	-	-	13,090	-	38,134	
5069	MIRA LOMA SUB	500	Mix Subs	Allocated according to substation percentage						474,504	65,539,945	259,309,717	-	123,410	-	-	-	-	-	372,419	
5074	LAGUNA BELL SUB	220	Mix Subs	Allocated according to substation percentage						131,263	5,294,924	102,617,446	-	-	-	14,172	-	-	-	24,741	
5083	VIEJO SUBSTATION	220	Mix Subs	Allocated according to substation percentage						13,285,971	9,233,700	45,967,455	-	-	-	10	-	-	-	3,040,261	
8012	MIRAGE(CEP) SUB	220	Mix Subs	Allocated according to substation percentage						629,541	5,208,216	62,127,383	-	-	-	-	-	-	-	235,294	
5034	SRINGVILLE SUB	220	Mix Subs	Allocated according to substation percentage						12,198	3,780,200	57,352,128	-	-	-	-	-	-	-	4,711	
9219	RP&AS,LND&ESMNT REQUIS		Mix Subs	Allocated according to substation percentage						24,317,137	145,325	-	-	-	-	-	-	-	-	17,719,956	
4206	COGEN/RENEW ENERGY SOURCE	66	Mix Subs	Allocated according to substation percentage						-	-	40,621	-	-	-	-	-	-	-	-	

LINE LOC	350	352
1000 kV T Lines	-	95,841
500 kV T Lines	125,518,616	9,368,482
220 kV T Lines	101,363,946	27,184,711
161 kV T Lines	-	-
115 kV T Lines	6,784,338	123,085
66 kV T Lines	277,602	143,189
55 kV T Lines	194,432	1,541,289
<b>Total Lines</b>	<b>234,172,245</b>	<b>38,456,534</b>

Non-Line Locations:  
500kV  
230kV  
115kV

SOUTHERN CALIFORNIA EDISON COMPANY  
Transmission Line Study Results  
As of December 31, 2023

Location	Description	Voltage (kV)	Study	Balance by FERC Account (ISO Transmission) Current Study							Non ISO Account Balances		
				353	354	355	356	357	358	359	350	352	353
4026	MIDWAY-VINCENT LINES 1&2	500	Lines	27,105	29,900,270	741,658	40,159,901	-	-	795,535	-	-	-
4031	DWP-EDSN CEILLO-SYLMR CA	1000	Lines	-	30,018,821	-	65,416,274	-	-	136,841	-	-	-
4034	DWP-EDSN CEILLO-SYLMR NV	1000	Lines	-	-	-	-	-	-	-	-	541	-
4045	PARDEE-SYLMAR LINES 1&2	220	Lines	-	1,578,446	-	453,192	-	-	38,006	-	-	-
4046	EAGLE ROCK-SYLMAR LINE	220	Lines	-	214,409	-	62,108	-	-	-	-	-	-
4051	PARDEE-VINCENT LN 1	220	Lines	-	316,356	-	204,878	-	-	145,317	-	-	-
4059	PARDEE-VINCENT LINE CONST	220	Lines	-	-	-	-	-	-	-	13,002	-	-
4070	RIO HONDO-VINCENT LN 2	220	Lines	-	-	-	-	-	-	-	61,040	-	-
4101	MANY TRANSMISSION LINES	220	Lines	95,565	40,045,608	4,834,361	88,212,156	-	-	1,284,861	45,849	120,888	2,909
4102	COGEN/RENEWABLE ENERGY SO	220	Lines	-	1,599,283	232,256	3,054,372	-	-	507,276	563,895	-	-
4104	DEVERS-HINS LN, OTHERS	220	Lines	29,289	128,812,527	46,581,622	117,989,392	-	-	34,090,112	435,758	2,315	849
4105	33 AND 66 KV LINES	66	Lines	16,702	371,459	11,584,219	2,783,144	-	-	167,523	34,146,089	17,612,796	2,054,385
4107	ANTELOPE/MESA LINE, OTHER	220	Lines	-	145,397,028	21,681,889	63,907,572	-	-	88,570,495	-	-	-
4108	CHINO-SERRANO/SN ONFRE LN	220	Lines	-	18,025,765	2,280,702	14,513,710	-	-	1,734,061	-	-	-
4109	COACHELLA VALLEY-DEVERS (SCE PC	220	Lines	-	-	16,469	467,285	-	-	-	-	-	-
4111	BIG CRK 3-BIG CRK 4	220	Lines	-	-	-	-	-	-	-	1,944	-	-
4113	BIGCRK-SPRGVL, MGDN-SPRGV	220	Lines	-	24,068,487	77,635,827	16,570,993	-	-	631,018	-	-	-
4114	ALAMITOS-MESA LN, OTHERS	220	Lines	615,236	20,010,000	6,405,529	17,699,250	-	-	624,957	223,102	122,028	45,946
4115	HINSON-LIGHTHIPE 1&2	220	Lines	2,149	3,565,502	4,233,520	2,407,845	-	-	27,417	-	-	-
4116	HINSON-LAFRESA, OTHERS	220	Lines	1,985	3,457,587	12,039,187	7,355,169	180,589	456,828	13,033	139,055	29,800	80
4117	ELDRD-CIMA-PISGAN LN1,2	220	Lines	12,691	26,272,088	7,575,960	11,922,707	-	-	149,204	14,752	2,296	167
4119	CENTER-MESA LN, OTHERS	220	Lines	101	35,816,356	324,417	26,146,431	-	-	2,836,431	-	-	-
4120	ALAMITOS-CENTER, OTHERS	220	Lines	820,951	7,834,475	4,046,016	7,300,659	232	-	30,312	407,410	88,476	84,172
4121	BIG CREEK 4-SPRGVILL-MGON	220	Lines	-	17,200,844	11,552,182	13,938,809	-	-	944,347	-	-	-
4123	LUGO-VINCENT LINES 1&2	500	Lines	16,633	14,101,498	790,708	7,195,860	-	-	1,891	-	-	-
4124	BIG CRK 1-CMP TEN--PRTL	66	Lines	-	-	-	-	-	-	-	485	-	-
4125	GOLETA-SNTA CLARA, OTHERS	220	Lines	1,485	32,460,483	2,933,916	44,414,292	-	-	3,574,540	3,005,459	688,945	433
4127	NORTH BOULDER-MEAD, OTHER	220	Lines	-	-	-	-	-	-	-	19,842	-	-
4128	LYTLE CREEK-POLE 534694E	66	Lines	-	-	-	-	-	-	-	-	-	-
4129	KERN RIVER3-VESTAL 66 KV	66	Lines	-	-	-	-	-	-	-	31,413	-	-
4130	MOHAVE-LUGO 500KV	500	Lines	-	-	-	-	-	-	-	157,990	-	-
4132	CUMMINGS-KERBN RIV1, OTHE	66	Lines	-	-	-	-	-	-	-	3,146	-	-
4133	BOREL---WALKER 66KV LN	66	Lines	-	-	-	-	-	-	-	46,874	-	-
4136	LUGO-ELDORADO LN	500	Lines	-	17,938,062	2,050,363	10,656,252	-	-	117,747	-	-	-
4137	LUGO-ELDORADO LN	500	Lines	-	3,643,443	-	4,529,049	-	-	20,088	-	-	-
4138	LUGO-MIRA LOMA 2&3	500	Lines	98	41,317,028	117,930	25,435,220	-	-	589,916	25,513	8,517	0
4139	SPRGVLL-TULE 66KV LN	66	Lines	-	-	-	-	-	-	-	517	-	-
4140	MOHAVE-LUGO 500 KV LN	500	Lines	-	25,306,365	1,513,721	10,310,625	-	-	329,333	-	-	-
4141	MOHAVE-ELDORADO LN	500	Lines	-	11,547,196	-	12,543,931	-	-	55,916	-	-	-
4142	BOREL-WELDON 66KV LN	66	Lines	-	-	-	-	-	-	-	25,409	-	3,488
4143	ELDORADO-BORDER 500 KV LN	500	Lines	-	7,216,976	-	3,237,668	-	-	145,064	-	-	-
4144	ELDORADO-MEAD LNS 1&2	220	Lines	-	717,795	(2,826)	429,215	-	-	1,023	-	-	-
4147	VINCENT-PARDEE LN 2	220	Lines	-	-	-	-	-	-	-	3,884,037	-	1,880
4148	MIRA LOMA-SERRANO LN	500	Lines	-	27,602,650	-	8,150,936	-	-	761,201	-	-	-
4149	SANTA ANA LNS 1,2,3	66	Lines	-	-	-	-	-	-	-	232	-	-
4153	VINCENT-PEARBLOSSOM LN	220	Lines	-	-	-	-	-	-	-	309,032	-	-
4154	LUGO-VICTORVLL EDSN-DWP	500	Lines	-	2,748,973	-	759,625	-	-	-	-	-	-
4155	MIDWAY-VINCENT LN 3	500	Lines	-	22,761,847	1,757,686	7,511,408	-	-	187,772	-	-	-
4156	ELLIS-SANTIAGO LNS 1,2	220	Lines	-	2,262,700	6,476,819	2,971,326	-	-	38,262	-	-	-
4157	RIO HONDO-VINCENT NO. 2 220/SOC	220	Lines	-	9,924,999	5,178,581	10,040,756	-	-	537,026	-	-	-
4158	LUCERNE-LUGO/MIRA LOMA LN	500	Lines	-	-	-	-	-	-	-	498,252	-	-
4166	BIG CRK 2-BIG CRK 8	220	Lines	-	164,051	-	136,431	-	-	-	-	-	-
4168	BIG CRK 3-MAMMOTH POOL	220	Lines	-	-	-	-	-	-	-	4,331	523,515	-
4169	BIG CRK 1-RECTOR, OTHER	220	Lines	2,640	38,154,740	51,141,635	59,822,233	-	-	1,220,545	265,676	175,281	61
4185	DEVERS-PALO VERDE	500	Lines	-	298,09419	16,003,266	214,533,999	-	1,151,660	-	-	-	-
4186	DEVERS-PALO VERDE	500	Lines	-	22,930,180	-	24,561,685	-	-	147,245	-	-	-
4187	DEVERS-VALLEY LNS 1,2	500	Lines	-	225,564,271	306,070	49,025,951	-	-	18,238,694	-	-	-
4188	SERRANO-VALLEY LN	500	Lines	-	31,369,936	514,984	14,907,621	-	-	2,640,525	-	-	-
4189	SERRANO-VILLA PK LN 1,2,3	220	Lines	-	2,246,956	-	1,397,144	-	-	-	-	-	-
4191	VALLEY-INLAND 500KV TL	500	Lines	-	-	-	-	-	-	-	-	-	-
4193	BIG CRK 1-EASTWOOD	220	Lines	-	-	-	-	-	-	-	-	-	-
4202	LEBEC-PASTORIA	220	Lines	-	-	-	-	-	-	-	-	1,430	-
4207	E.MAGUNDEN-ANTELOPE 220KV	220	Lines	-	-	-	-	-	-	-	-	25,798	-
4211	BIG CREEK #3/#4 220KV LN	220	Lines	-	-	-	-	-	-	-	-	-	-
4300	MET T/S REGION	66	Lines	-	-	-	-	-	-	-	-	229,033	14,696
4360	MIRA LOMA - VINCENT 500 KV LINE	500	Lines	-	618,589,839	95,008,684	240,893,460	215,086,929	42,097,825	51,891,831	-	-	-
4400	COASTAL T/S REGION	66	Lines	-	-	-	-	-	-	-	3,127	433,988	92,740
4500	EASTERN T/S REGION	66	Lines	-	-	-	-	-	-	-	-	1,650,139	916,891
4600	NRTHN T/S REGION	66	Lines	-	-	-	-	-	-	-	-	1,844,166	-
4644	ANTELOPE-PARDEE	220	Lines	-	88,752,089	7,668,801	42,811,660	-	-	3,941,302	-	-	-
4700	EASTERN T/S REG	66	Lines	-	-	-	-	-	-	-	46,629	522,260	591,382
4708	ANTELOPE-WINDHUB 500KV LN	500	Lines	-	14,032,500	30,806,236	20,048,113	-	-	-	-	-	-
4709	WINDHUB-HIGHWIND 230KV LN	220	Lines	-	33,222,617	-	12,122,060	-	15,046,586	-	-	-	-
4710	ANTELOPE-WHIRLWIND 500KV LN	500	Lines	-	42,532,775	-	38,248,497	-	-	2,227,281	-	-	-
4711	WHIRLWIND-WINDHUB 500KV L	500	Lines	-	56,720,609	(10,509)	20,121,664	-	-	-	-	-	-
4712	ANTELOPE - VINCENT #2 500KV	500	Lines	-	167,665,138	6,874,070	50,353,934	-	-	-	-	-	-
4716	ANTELOPE-VINCENT #1 500 KV	500	Lines	-	237,004	-	-	-	-	-	-	-	-
4730	LEE VINING-LUNDY 55K 4771	55	Lines	-	-	-	-	-	-	-	10,585	-	-
4731	POOLE-LEE VINING 115KV LI	115	Lines	-	-	-	-	-	-	-	-	-	-
4732	RUSH CRK-LEE VINING 115KV	115	Lines	-	-	-	-	-	-	-	-	-	-
4733	ELDORADO-IVANPAH NO 1&2 - CA	220	Lines	-	25,282,715	1,443,108	20,581,547	-	-	-	-	-	-
4734	ELDORADO-IVANPAH NO 1&2 - NV	220	Lines	-	49,426,637	666,768	164,686,906	-	-	2,600,924	-	-	-
4755	WHIRLWIND-VINCENT&MIDWAY SC	500	Lines	-	-	-	-	-	-	-	-	-	-
4756	DEVERS-SN BRDNO 220 KV LN	220	Lines	-	6,958,865	568,180	4,604,528	-	-	119,281	-	-	-
4759	BLYTHE-EAGLE MT 161 KV LN	161	Lines	-	-	2,939,671	331,263	-	-	4,845	-	-	-
4781	HOOVER-CLWTR 115 KV LN	115	Lines	-	-	-	-	-	-	-	1,277	-	-
4782	HOOVER-CLWTR 115 KV LN	115	Lines	-	327,795	1,925,069	811,371	-	-	21,669	-	-	-
4792	COGEN/RENEW ENERGY 220KV & ABI	220	Lines	-	-	-	-	-	-	-	-	-	-
4799	HUMAN EXTERNAL CARGO TRAINING	66	Lines	-	-	-	-	-	-	-	-	321,805	-
4800	VAR. TRANS. LINES-S/E DIV	66	Lines	-	-	-	-	-	-	-	2,931	2,778,109	711,670

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Location	Description	Voltage (kV)	Study	Balance by FERC Account (ISO Transmission) Current Study						Non ISO Account Balances			
				353	354	355	356	357	358	359	350	352	353
4784	VICTOR-HESPERIA 115KV	115	Lines	-	-	-	-	-	-	-	-	20,788	-
4647	PARDEE-VINCENT 220KV LN 2	220	Lines	-	-	-	-	-	-	-	-	-	-
4900	NORTHEASTERN T/S DIV.	66	Lines	-	-	-	-	-	-	-	-	-	-
4106	COGEN/RENEW ENGY SOURCES	115	Lines	-	-	-	-	-	-	-	359,228	-	-
4106	COGEN/RENEW ENGY SOURCES	66	Lines	-	-	-	-	-	-	-	328,902	-	-
4118	MRA LMA-VLL PK LNS, OTHR	220	Lines	33,582	21,333,311	519,408	14,596,471	-	-	180,159	-	-	-
4118	MRA LMA-VLL PK LNS, OTHR	66	Lines	-	-	-	-	-	-	-	-	-	-
4135	LUGO-VICTOR LNS, OTHER	220	Lines	-	5,311,016	629,543	3,229,528	-	-	49,240	1,177,078	74,512	-
4135	LUGO-VICTOR LNS, OTHER	115	Lines	-	2,229,812	264,311	1,355,907	-	-	20,673	-	-	-
4735	BISHOP CRK55&115KV LINES	115	Lines	-	-	-	-	-	-	-	(4)	170,380	-
4735	BISHOP CRK55&115KV LINES	55	Lines	-	-	-	-	-	-	-	(7)	335,351	-
4750	115 KV LNS, ESTN T/S REG	115	Lines	11,296,012	2,863,319	161,066,163	40,384,591	-	-	540,591	14,945,997	232,404	27,241,659
4750	115 KV LNS, ESTN T/S REG	66/55/33	Lines	-	-	-	-	-	-	-	2,545	40	4,639
4705	CORONA-JEFFERSON 66 KV LN	55	Lines	-	2,204,806	36,300,099	2,056,547	-	-	26,171	23,050	182,716	-
4705	CORONA-JEFFERSON 66 KV LN	66	Lines	-	-	-	-	-	-	-	48,848	387,208	-
2236	BIG CREEK NO.4		100% Subs	6,368,050	-	-	-	-	-	-	-	-	-
2570	INVO		100% Subs	7,851,207	-	-	-	-	-	-	-	-	-
5001	METRO GOM MAINT		100% Subs	56,264,373	-	-	-	-	-	-	-	-	-
5019	HARBORGEN SUB		100% Subs	4,130,861	-	-	-	-	-	-	-	-	-
5026	EL SEGUNDO SWITCHRACK SUB		100% Subs	15,441,426	-	-	-	-	-	-	-	-	-
5032	MIDWAY SUB		100% Subs	15,219,891	-	-	-	-	-	-	-	-	-
5036	PASTORIA SUB		100% Subs	19,382,222	-	-	-	-	-	-	-	-	-
5044	CLWTR SWITCHRACKS 1,2		100% Subs	1,476,690	-	-	-	-	-	-	-	-	-
5045	MOHAVE SWITCHRACK		100% Subs	22,048,498	-	-	-	-	-	-	-	-	-
5047	RANCHO VISTA SUB		100% Subs	161,756,599	-	-	-	-	-	-	-	-	-
5054 & 895	Vincent		100% Subs	253,317,660	-	-	-	-	-	-	-	-	-
5058	SYLMAR SUB		100% Subs	1,948,141	-	-	-	-	-	-	-	-	-
5061	LUGO SUB		100% Subs	166,069,330	-	-	-	-	-	-	-	-	-
5065	PISGAH SUB		100% Subs	5,589,809	-	-	-	-	-	-	-	-	-
5089	LEWIS SUB		100% Subs	8,894,346	-	-	-	-	-	-	-	-	-
5091	MEAD SUB		100% Subs	12,306	-	-	-	-	-	-	-	-	-
5092	MOENKOPI SUB		100% Subs	1,516,885	-	-	-	-	-	-	-	-	-
5094	EAST SERIES CAPACITORS 1		100% Subs	18,146,668	-	-	-	-	-	-	-	-	-
5097	PALO VERDE SWITCHRACK SUB		100% Subs	10,545,580	-	-	-	-	-	-	-	-	-
8060	WHIRLWIND SUB		100% Subs	201,514,222	-	-	-	-	-	-	-	-	-
8084	HIGHWIND SUB		100% Subs	4,145,964	-	-	-	-	-	-	-	-	-
8367	COLORADO RIVER SUB	500	100% Subs	172,034,332	-	402,580	204,780	-	-	-	-	-	-
8372	PRIMM SUBSTATION		100% Subs	19,128,427	-	-	-	-	-	-	-	-	-
8960	WEST TRANSITION		100% Subs	16,168,968	-	-	-	-	-	-	-	-	-
8932	MIDWAY-PAC INTERTIE		100% Subs	13,930,693	-	-	-	-	-	-	-	-	-
8950	PARDEE-PAC INTERTIE		100% Subs	942,130	-	-	-	-	-	-	-	-	-
5090	EL DORADO SUB(NEVADA)	500	100% Subs	240,545,482	-	-	-	-	-	94,492	-	-	-
5080	SERRANO SUB	500	100% Subs	216,608,114	-	-	-	-	-	2,236,590	-	-	-
5093	WEST SERIES CAPACITORS		100% Subs	51,528,226	-	-	-	-	-	-	-	-	-
8958	SYLMAR-PAC INTERTIE	220	100% Subs	226,037,033	2,505,376	-	359,913	-	-	-	-	-	-
5010	T.M. GOODRICH SUB-PASADEN		100% Subs	36,647	-	-	-	-	-	-	-	-	-
5018	DRYCREEKWIND SUB		100% Subs	-	-	-	-	-	-	-	-	-	-
8369	RED BLUFF SUB		100% Subs	150,786,945	-	-	-	-	-	-	-	-	-
8375	CALCITE SUBSTATION 220 kV		100% Subs	14,699	-	-	-	-	-	-	-	-	-
4741	ELDORADO-MOHAVE 500KV	500	100% Subs	-	-	-	-	-	-	-	-	-	-
4743	ELDORADO-MOENKOPI 500KV	500	100% Subs	-	-	-	-	-	-	-	-	-	-
4744	ELDORADO-MEAD#1&2 220KV	220	100% Subs	-	-	-	-	-	-	-	-	-	-
4848	LUGO-SERRANO 500KV T/L	500	100% Subs	-	-	-	-	-	-	-	-	-	-
4357	RIO HONDO-VINCENT NO. 2 220/50K	500	100% Subs	-	-	-	-	-	-	-	-	-	-
4349	MIRA LOMA-SERRANO#2 500KV	500	100% Subs	-	-	-	-	-	-	-	-	-	-
4626	MIDWAY-VINCENT 500 KV LN	500	100% Subs	-	-	-	-	-	-	-	-	-	-
4628	MIDWAY-VINCENT 500 KV LN	500	100% Subs	-	-	-	-	-	-	-	-	-	35,855
5059	BAILEY SUB	220	100% Subs	30,869,522	-	-	-	-	-	-	-	-	-
4314	4314 - EAGLE ROCK-MESA 220KV LN	220	100% Subs	-	-	-	-	-	-	-	-	-	-
1451	EDISON ITAC		0% Subs	-	-	-	-	-	-	-	-	-	35,855
2150	MAMMOTH POOL LAKE-FP 2085		0% Subs	-	-	-	-	-	-	-	-	-	24,016
2202	BIG CREEK CANYON		0% Subs	-	-	-	-	-	-	-	-	-	1,641,022
2237	PORTAL POWER PLANT		0% Subs	-	-	-	-	-	-	-	-	-	68,246
2238	MAMMOTH POOL		0% Subs	-	-	-	-	-	-	-	-	46,311	4,573,853
2239	EASTWOOD POWER STATION		0% Subs	-	-	-	-	-	-	-	-	678,338	5,194,285
2300	HYDRO PRODUCTION		0% Subs	-	-	-	-	-	-	-	-	-	10,367
2301	SNTA ANA RV&MILL CRK CNYN		0% Subs	-	-	-	-	-	-	-	-	-	421,924
2303	LYTLE CRK&SN ANTONIO CNYN		0% Subs	-	-	-	-	-	-	-	-	-	140,226
2305	KERN RIVER CANYON		0% Subs	-	-	-	-	-	-	-	-	-	692,140
2307	KAWEAH RIVER CANYON		0% Subs	-	-	-	-	-	-	-	-	-	572,929
2309	SAN GORGONIO CANYON		0% Subs	-	-	-	-	-	-	-	-	-	193,975
2313	KERN RIVER NO.1		0% Subs	-	-	-	-	-	-	-	-	4,184	643,018
2314	BOREL		0% Subs	-	-	-	-	-	-	-	-	1,383	809,201
2315	SANTA ANA NO.1		0% Subs	-	-	-	-	-	-	-	-	-	738,129
2317	SANTA ANA NO.3		0% Subs	-	-	-	-	-	-	-	-	-	14,930
2318	MILL CREEK NO.1		0% Subs	-	-	-	-	-	-	-	-	-	7,316
2319	MILL CREEK NO.2&3		0% Subs	-	-	-	-	-	-	-	1,464	-	52,080
2324	KAWEAH NO.1		0% Subs	-	-	-	-	-	-	-	-	-	48,507
2325	KAWEAH NO.2		0% Subs	-	-	-	-	-	-	-	-	2,694	49,126
2326	KAWEAH NO.3		0% Subs	-	-	-	-	-	-	-	-	-	57,269
2327	LOWER TULE RIVER		0% Subs	-	-	-	-	-	-	-	-	-	50,834
2328	KERN RIVER NO.3		0% Subs	-	-	-	-	-	-	-	-	-	460,723
2331	ONTARIO NO.1		0% Subs	-	-	-	-	-	-	-	-	-	205,914
2500	EASTERN HYDRO REGION		0% Subs	-	-	-	-	-	-	-	-	7,254	-
2501	BISHOP CREEK CANYON		0% Subs	-	-	-	-	-	-	-	-	-	705,804
2503	MONO BASIN		0% Subs	-	-	-	-	-	-	-	-	-	196,344
2560 & 2511	Lundy		0% Subs	-	-	-	-	-	-	-	-	317,627	5,946,501
2512	POOLE		0% Subs	-	-	-	-	-	-	-	-	3,693	510,698

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Location	Description	Voltage (kV)	Study	Balance by FERC Account (ISO Transmission) Current Study						Non ISO Account Balances			
				353	354	355	356	357	358	359	350	352	353
2514	RUSH CREEK		0% Subs	-	-	-	-	-	-	-	-	-	175,912
2522	BISHOP CREEK NO.2		0% Subs	-	-	-	-	-	-	-	-	-	80,487
2523	BISHOP CREEK NO.3		0% Subs	-	-	-	-	-	-	-	-	-	1,847,927
2524	BISHOP CREEK NO.4		0% Subs	-	-	-	-	-	-	-	-	-	86,641
2525	BISHOP CREEK NO.5		0% Subs	-	-	-	-	-	-	-	-	-	43,037
2526	BISHOP CREEK NO.6		0% Subs	-	-	-	-	-	-	-	-	-	39,098
2553	FISH LAKE VALLEY METERING		0% Subs	-	-	-	-	-	-	-	-	1,343	52,264
2557	CASA DIABLO		0% Subs	-	-	-	-	-	-	-	2,119	442,110	9,819,629
2561	LEE VINING		0% Subs	-	-	-	-	-	-	-	343	283,997	2,302,338
2571	SHERWIN		0% Subs	-	-	-	-	-	-	-	-	100,772	2,023,103
2582	ZACK		0% Subs	-	-	-	-	-	-	-	400,881	-	344,073
2598	MT. TOM		0% Subs	-	-	-	-	-	-	-	-	-	-
3717	DAF INDAL 500KW WND TURBN		0% Subs	-	-	-	-	-	-	-	714	-	-
5016	LEBEC SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	29,473	15,138
5022	ARCOGEN SUB		0% Subs	-	-	-	-	-	-	-	-	44,764	1,250,130
5046	CLWTR SWITCHCRACK 3,4 SUB		0% Subs	-	-	-	-	-	-	-	48,136	156,227	3,179,929
5048	MANDALAY SWITCHCRACK SUB		0% Subs	-	-	-	-	-	-	-	49,104	172,489	6,931,459
5049	ORMOND BCH SWITCHCRACK SUB		0% Subs	-	-	-	-	-	-	-	158,170	34,483	8,508,350
5051	SAUGUS SUB		0% Subs	-	-	-	-	-	-	-	13,373	5,189,400	81,108,299
5066	GENE SUB		0% Subs	-	-	-	-	-	-	-	-	63,093	2,064,623
5068	CAMINO SUB		0% Subs	-	-	-	-	-	-	-	-	54,471	4,222,649
5072	VELASCO SUB		0% Subs	-	-	-	-	-	-	-	-	40,279	155,442
5078	HUNTINGTON BCH SWITCHCRCK		0% Subs	-	-	-	-	-	-	-	21,660	215,617	4,956,652
5095	TRITON SUB		0% Subs	-	-	-	-	-	-	-	2,415,092	2,377,770	26,609,450
5101	ALHAMBRA SUB		0% Subs	-	-	-	-	-	-	-	-	83,447	2,771,763
5107	BANDINI SUB		0% Subs	-	-	-	-	-	-	-	4,583	16,136	-
5109	BICKNELL SUB		0% Subs	-	-	-	-	-	-	-	-	-	2,451
5112	THUMSGEN SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	2,049
5116	RUSH SUB		0% Subs	-	-	-	-	-	-	-	-	19,241	-
5141	ROSEMEAD SUB		0% Subs	-	-	-	-	-	-	-	-	38,757	22
5158	ARROYO SUB		0% Subs	-	-	-	-	-	-	-	-	-	123
5161	AMADOR SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5162	FAIR OAKS SUB		0% Subs	-	-	-	-	-	-	-	-	2,466	17,195
5165	JPL SUB		0% Subs	-	-	-	-	-	-	-	-	-	3,666
5167	MAYFLOWER SUB		0% Subs	-	-	-	-	-	-	-	-	149,676	91,972
5170	TEMPLE SUB		0% Subs	-	-	-	-	-	-	-	-	23,448	17,367
5178	KIRK WALL SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	-
5179	RAVENDALE SUB		0% Subs	-	-	-	-	-	-	-	3,995	-	-
5185	CITRUS SUB		0% Subs	-	-	-	-	-	-	-	-	154,829	-
5186	CORTEZ SUB		0% Subs	-	-	-	-	-	-	-	-	-	37,984
5196	RAILROAD SUB		0% Subs	-	-	-	-	-	-	-	-	16,955	31,589
5198	ALHAMBRA DIST SUB TRG FAC		0% Subs	-	-	-	-	-	-	-	-	71,448	-
5204	CULVER CITY SUB		0% Subs	-	-	-	-	-	-	-	-	25,705	2,046,562
5207	SEPULVEDA SUB		0% Subs	-	-	-	-	-	-	-	-	61,263	-
5211	INGLEWOOD SUB		0% Subs	-	-	-	-	-	-	-	-	41,604	-
5213	LENNOX SUB		0% Subs	-	-	-	-	-	-	-	-	304,708	-
5213	LENNOX SUB		0% Subs	-	-	-	-	-	-	-	-	281,905	12,693
5224	PEARL SUB		0% Subs	-	-	-	-	-	-	-	-	14,955	-
5235	WINDSOR HILLS SUB		0% Subs	-	-	-	-	-	-	-	-	58,264	17,508
5236	VALDEZ SUB		0% Subs	-	-	-	-	-	-	-	-	-	24,710
5238	LAWNDALE SUB		0% Subs	-	-	-	-	-	-	-	-	44,342	-
5241	YUKON SUB		0% Subs	-	-	-	-	-	-	-	4,415	-	-
5250	SAWTELLE SUB		0% Subs	-	-	-	-	-	-	-	-	59,249	-
5257	BRIDGE SUB		0% Subs	-	-	-	-	-	-	-	-	14,957	-
5259	STARRUP SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5273	STANHILL SUB		0% Subs	-	-	-	-	-	-	-	-	-	0
5315	LAUREL SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5325	STRATHMORE SUB		0% Subs	-	-	-	-	-	-	-	-	-	14,882
5333	WOODVILLE SUB		0% Subs	-	-	-	-	-	-	-	-	15,418	74,641
5352	LINE CREEK SUB		0% Subs	-	-	-	-	-	-	-	-	-	9,627
5357	CUMMINGS SUB		0% Subs	-	-	-	-	-	-	-	-	-	119,219
5358	MONOLITH SUB		0% Subs	-	-	-	-	-	-	-	-	234	1,156,662
5365	ACTON SUB		0% Subs	-	-	-	-	-	-	-	24,167	-	15,397
5374	RIVERWAY SUB		0% Subs	-	-	-	-	-	-	-	801,825	-	-
5375	MASCOT SUBSTATION		0% Subs	-	-	-	-	-	-	-	573,588	6,973	-
5504	CASITAS SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5506	CHANNEL ISLANDS SUB		0% Subs	-	-	-	-	-	-	-	-	116,483	-
5507	ORTEGA SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5508	DEL SUR SUB		0% Subs	-	-	-	-	-	-	-	-	-	424,747
5510	FILLMORE SUB		0% Subs	-	-	-	-	-	-	-	-	5,566	-
5511	GOLDTOWN SUB		0% Subs	-	-	-	-	-	-	-	-	-	526,259
5514	LANCASTER SUB		0% Subs	-	-	-	-	-	-	-	-	-	1,071,949
5518	LITTLE ROCK SUB		0% Subs	-	-	-	-	-	-	-	-	-	1,690,353
5522	SHUTTLE SUB		0% Subs	-	-	-	-	-	-	-	-	-	911,750
5526	OJAI SUB		0% Subs	-	-	-	-	-	-	-	-	13,050	-
5530	REDMAN WUB		0% Subs	-	-	-	-	-	-	-	-	89,829	275,391
5531	SANTA BARBARA SUB		0% Subs	-	-	-	-	-	-	-	-	40,153	-
5538	VENTURA SUB		0% Subs	-	-	-	-	-	-	-	-	52,173	-
5539	ANAVERDE SUB		0% Subs	-	-	-	-	-	-	-	-	-	76,359
5541	ROSAMOND SUB		0% Subs	-	-	-	-	-	-	-	-	66,626	652,233
5545	PIUTE SUB		0% Subs	-	-	-	-	-	-	-	-	11,023	149,257
5546	ELIZABETH LAKE SUB		0% Subs	-	-	-	-	-	-	-	-	-	3,072
5547	CORUM SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5548	OASIS SUB		0% Subs	-	-	-	-	-	-	-	-	-	397,008
5553	CAL CEMENT SUB		0% Subs	-	-	-	-	-	-	-	-	15,551	367,757
5557	NEWBURY SUB		0% Subs	-	-	-	-	-	-	-	-	-	692,110
5562	GRISWOLD SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5564	PALMDALE SUB		0% Subs	-	-	-	-	-	-	-	-	-	644,295
5566	QUARTZ HILL SUB		0% Subs	-	-	-	-	-	-	-	-	19,046	220,467
5599	HELIJET SUB		0% Subs	-	-	-	-	-	-	-	-	-	499,396
5601	RANDALL SUB		0% Subs	-	-	-	-	-	-	-	-	20,403	56,150



SOUTHERN CALIFORNIA EDISON COMPANY  
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Location	Description	Voltage (kV)	Study	Balance by FERC Account (ISO Transmission) Current Study						Non ISO Account Balances			
				353	354	355	356	357	358	359	350	352	353
5606	ORANGE PRODUCTS SUB		0% Subs	-	-	-	-	-	-	-	-	13,596	-
5612	INLAND CONTAINER SUB		0% Subs	-	-	-	-	-	-	-	-	20,750	-
5615	DECLEZ SUB		0% Subs	-	-	-	-	-	-	-	-	-	23,032
5631	SAN ANTONIO SUB		0% Subs	-	-	-	-	-	-	-	-	-	7,606
5646	COLTON CEMENT SUB		0% Subs	-	-	-	-	-	-	-	-	43,167	-
5652	AMERON SUB		0% Subs	-	-	-	-	-	-	-	-	-	531,131
5655	NOGALES SUB		0% Subs	-	-	-	-	-	-	-	-	16,835	525,170
5659	ARCHIBALD SUB		0% Subs	-	-	-	-	-	-	-	-	-	206,393
5664	WIMBLEDON SUB		0% Subs	-	-	-	-	-	-	-	-	1,282	17,343
5670	DEL ROSA SUB		0% Subs	-	-	-	-	-	-	-	-	-	17,327
5674	WHIPPLE SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5678	LANDING SUB		0% Subs	-	-	-	-	-	-	-	-	57,591	-
5740	NAPLES SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	114,340
5758	WATSON SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	3,790
5787	SOUTH GATE SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	17,255
5788	BOVINE SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	-
5798	MOVIE SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	1,963	17,658
5811	CHIQUITA SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	58,207
5814	CARMENITA SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	14,314	128,669
5816	PARKWOOD SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	93,280	-
5828	WAVE SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	-
5842	OCEANVIEW SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	58,101
5843	ORANGE SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	39,533
5849	SANTA ANA SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	548,691
5853	TALBERT SUB		0% Subs	-	-	-	-	-	-	-	-	-	24,273
5860	ALTON SUBSTATION		0% Subs	-	-	-	-	-	-	-	241,262	-	-
5862	SULLIVAN SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	230,879
5865	ESTRELLA SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	41,148
5869	SHAWNEE SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	50,680	-
5878	TUSTIN SUBSTATION		0% Subs	-	-	-	-	-	-	-	11,308	-	-
5892	TELEGRAPH SUB		0% Subs	-	-	-	-	-	-	-	-	12,346	96,987
5896	NIGUEL SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	21,384
5902	LAS LOMAS SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
7013	IMPERIAL COUNTY		0% Subs	-	-	-	-	-	-	-	4,664,177	-	-
8003	PAUBA(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	1,702
8004	THORNHILL(CEP) SUB		0% Subs	-	-	-	-	-	-	-	106,825	919,616	11,376,833
8005	STADLER(CEP) SUB		0% Subs	-	-	-	-	-	-	-	25,609	1,169,400	11,725,249
8009	PAN AERO (CEP) SUB		0% Subs	-	-	-	-	-	-	-	139,611	1,062,841	12,475,956
8010	PHELAN(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	58,798	668,910
8011	BANWIND SUBSTATION		0% Subs	-	-	-	-	-	-	-	154,446	802,338	12,461,849
8013	APPLE VALLEY(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	35,320
8014	BUNKER(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	1,389,452	10,474,144
8016	FARREL(CEP) SUB		0% Subs	-	-	-	-	-	-	-	969,397	1,528,454	16,222,907
8017	CONCHO(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	715,679	17,906,977
8018	AULD(CEP) SUB		0% Subs	-	-	-	-	-	-	-	285,201	1,041,092	9,533,471
8019	MAXWELL(CEP) SUB		0% Subs	-	-	-	-	-	-	-	83,538	1,248,278	20,068,821
8020	SAVAGE(CEP) SUB		0% Subs	-	-	-	-	-	-	-	33,940	530,026	11,995,862
8021	PEPPER(CEP) SUB		0% Subs	-	-	-	-	-	-	-	29,280	1,477,177	14,737,644
8022	YUCCA(CEP) SUB		0% Subs	-	-	-	-	-	-	-	17,579	512,277	11,115,494
8023	BLACK MOUNTAIN(CEP) SUB		0% Subs	-	-	-	-	-	-	-	19,474	666,241	11,822,378
8024	ALESSANDRO(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	41,871	912,016
8025	BAKER(CEP) SUB		0% Subs	-	-	-	-	-	-	-	45,514	2,732,789	27,041,777
8026	BANNING(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	250,900	2,806,592
8026	BANNING(CEP) SUB		0% Subs	-	-	-	-	-	-	-	20,210	1,586,414	16,631,676
8027	COTTONWOOD(CEP) SUB		0% Subs	-	-	-	-	-	-	-	22,426	1,796,115	11,561,373
8028	EDWARDS(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	2,137,840	22,931,476
8029	HI DESERT(CEP) SUB		0% Subs	-	-	-	-	-	-	-	1,154,541	2,612,000	18,805,490
8030	MOUNTAIN PASS(CEP) SUB		0% Subs	-	-	-	-	-	-	-	70,286	49,796	4,625,833
8031	RANDSBURG(CEP) SUB		0% Subs	-	-	-	-	-	-	-	116	421,799	7,651,571
8032	ROCKET TEST(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	18,045	283,935
8033	SEARLES(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	112,531	7,377,487
8035	ZANJA(CEP) SUB		0% Subs	-	-	-	-	-	-	-	152,559	1,733,643	9,563,294
8036	SANTA ROSA(CEP) SUB		0% Subs	-	-	-	-	-	-	-	44,689	803,291	21,731,264
8038	NELSON(CEP) SUB		0% Subs	-	-	-	-	-	-	-	22,819	1,337,012	14,826,809
8039	HOMART(CEP) SUB		0% Subs	-	-	-	-	-	-	-	174,875	714,274	5,757,008
8041	HOLGATE(CEP) SUB		0% Subs	-	-	-	-	-	-	-	27,167	405,785	2,858,479
8042	CALETRIC SUB (CEP)		0% Subs	-	-	-	-	-	-	-	27,870	2,673,189	23,483,105
8044	GARNET SUB		0% Subs	-	-	-	-	-	-	-	34,673	1,742,103	18,029,843
8045	IID TIE SUB		0% Subs	-	-	-	-	-	-	-	39,144	-	23,873
8047	TIEFORT SUB		0% Subs	-	-	-	-	-	-	-	-	218,704	1,530,163
8048	USBR BLYTHE SUB		0% Subs	-	-	-	-	-	-	-	-	64,707	8,456,441
8059	PUREWATER SUB		0% Subs	-	-	-	-	-	-	-	-	175,506	1,357,312
8061	SEAWIND T/S		0% Subs	-	-	-	-	-	-	-	2,976	463	315,815
8064	TIFFANYWIND SUB		0% Subs	-	-	-	-	-	-	-	-	-	11,459
8072	CARODEAN		0% Subs	-	-	-	-	-	-	-	-	1,594,106	15,774,986
8073	IVYGLEN SUB		0% Subs	-	-	-	-	-	-	-	166,697	2,179,684	17,104,631
8075	HIGHGROVE SWITCHCRCK		0% Subs	-	-	-	-	-	-	-	7,139	178,624	1,813,749
8079	AQUEDUCT SUB		0% Subs	-	-	-	-	-	-	-	2,880	937,785	11,493,198
8082	MENTONE SUB		0% Subs	-	-	-	-	-	-	-	161,883	971,971	8,836,598
8086	CAJALCO SUB		0% Subs	-	-	-	-	-	-	-	25,836	1,003,523	11,493,421
8087	HESPERIA SUB		0% Subs	-	-	-	-	-	-	-	22,150	551,353	12,789,938
8088	SKYLARK SUB		0% Subs	-	-	-	-	-	-	-	81,206	2,656,383	14,623,908
8089	MAYBERRY SUB		0% Subs	-	-	-	-	-	-	-	23,090	681,721	18,137,268
8090	PERMANENTE SUB		0% Subs	-	-	-	-	-	-	-	-	-	87,113
8091	ELECENTRO TELEMETERING		0% Subs	-	-	-	-	-	-	-	-	-	15,844
8092	NILAND TELEMETERING		0% Subs	-	-	-	-	-	-	-	-	-	6,807
8093	SHANDIN SUB		0% Subs	-	-	-	-	-	-	-	42,272	1,760,936	11,376,675
8094	ARROWHEAD SUB		0% Subs	-	-	-	-	-	-	-	-	540,962	6,278,276
8095	STETSON SUB		0% Subs	-	-	-	-	-	-	-	23,493	1,164,874	12,210,092
8097	DUNN SIDING SUB		0% Subs	-	-	-	-	-	-	-	4,913	140,330	901,606
8099	TAMARISK SUB		0% Subs	-	-	-	-	-	-	-	125,967	468,598	16,568,087

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				353	354	355	356	357	358	359	350	352	353
8102	AMARGO SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
8104	FARRELL SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
8110	BARSTOW SUB		0% Subs	-	-	-	-	-	-	-	-	6,894	59,447
8113	BLYTHE SUB		0% Subs	-	-	-	-	-	-	-	-	22,511	440,016
8117	BRYMAN SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
8120	MILITARY SUB		0% Subs	-	-	-	-	-	-	-	-	15,598	-
8132	CAL CITY SUB		0% Subs	-	-	-	-	-	-	-	-	40,911	-
8137	DOWNNS SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
8152	GLEN IVY SUB		0% Subs	-	-	-	-	-	-	-	82,401	5,774,614	17,139,102
8163	HELENDALE SUB		0% Subs	-	-	-	-	-	-	-	-	15,642	27,225
8179	Lakeview		0% Subs	-	-	-	-	-	-	-	-	15,110	81,054
8182	BOTTLE SUB		0% Subs	-	-	-	-	-	-	-	1,488,635	-	-
8190	MINNEOLA SUB		0% Subs	-	-	-	-	-	-	-	-	209,778	1,283,195
8193	MORENO SUB		0% Subs	-	-	-	-	-	-	-	-	-	5,725
8195	MURRIETA 2 SUB		0% Subs	-	-	-	-	-	-	-	104,923	786,407	6,349,863
8197	SOUTHCAP SUB.		0% Subs	-	-	-	-	-	-	-	-	20,720	21,911
8198	MUSCOY SUB		0% Subs	-	-	-	-	-	-	-	-	-	882,819
8204	BELDING SUB		0% Subs	-	-	-	-	-	-	-	-	-	132,416
8212	ORO GRANDE SUB		0% Subs	-	-	-	-	-	-	-	-	48,986	-
8214	PALM CANYON SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
8220	LUCERNE SUB		0% Subs	-	-	-	-	-	-	-	-	60,590	-
8222	RANCHO SUB		0% Subs	-	-	-	-	-	-	-	-	13,167	-
8225	RIALTO SUB		0% Subs	-	-	-	-	-	-	-	-	6,894	2,107
8226	RIDGECREST SUB		0% Subs	-	-	-	-	-	-	-	-	17,716	30,776
8234	SAN JACINTO SUB		0% Subs	-	-	-	-	-	-	-	-	-	17,438
8250	TEMESCAL SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
8260	VICTORVILLE SUB		0% Subs	-	-	-	-	-	-	-	-	-	4,236
8267	WILDE SUB		0% Subs	-	-	-	-	-	-	-	-	18,135	22,159
8268	YERMO SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
8270	TENAJA SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	23,195	-
8273	IRON MT SCE		0% Subs	-	-	-	-	-	-	-	-	17,764	21,919
8283	GALE SUB		0% Subs	-	-	-	-	-	-	-	-	8,651	-
8294	GOLD HILL SUB		0% Subs	-	-	-	-	-	-	-	-	533,657	5,137,407
8301	BUCKWIND		0% Subs	-	-	-	-	-	-	-	-	6,894	-
8302	CAPWIND		0% Subs	-	-	-	-	-	-	-	-	38,186	752,092
8303	RENWIND		0% Subs	-	-	-	-	-	-	-	-	29,827	575,051
8304	SANWIND		0% Subs	-	-	-	-	-	-	-	-	51,653	806,250
8305	TRANSWIND		0% Subs	-	-	-	-	-	-	-	-	-	408,189
8306	VENWIND		0% Subs	-	-	-	-	-	-	-	-	25,366	1,061,136
8308	ALTWIND		0% Subs	-	-	-	-	-	-	-	-	26,170	2,314,603
8310	TERAWIND		0% Subs	-	-	-	-	-	-	-	-	104,216	492,639
8311	INDIGO SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	5,398	226,460
8312	CALGEN		0% Subs	-	-	-	-	-	-	-	-	4,899	630,060
8314	MCGEN		0% Subs	-	-	-	-	-	-	-	532	6,214	432,703
8320	SEGS II		0% Subs	-	-	-	-	-	-	-	-	98,551	1,464,676
8321	SEGS III		0% Subs	-	-	-	-	-	-	-	-	-	45,594
8322	SEGS IV		0% Subs	-	-	-	-	-	-	-	-	302,998	1,500,988
8323	SEGS V		0% Subs	-	-	-	-	-	-	-	-	280,602	1,436,048
8324	SEGS VI		0% Subs	-	-	-	-	-	-	-	-	269,348	1,334,307
8325	SEGS VII		0% Subs	-	-	-	-	-	-	-	-	299,531	1,516,716
8326	SEGS VIII		0% Subs	-	-	-	-	-	-	-	-	308,651	1,642,274
8327	SEGS IX		0% Subs	-	-	-	-	-	-	-	-	-	83,150
8340	SOPORT		0% Subs	-	-	-	-	-	-	-	-	-	74,085
8342	NEWCOMB		0% Subs	-	-	-	-	-	-	-	-	42,538	654,012
8343	ELSNORE		0% Subs	-	-	-	-	-	-	-	51,172	1,318,127	12,123,137
8344	SOUTH BASE SUB		0% Subs	-	-	-	-	-	-	-	20,961	1,435,426	18,688,945
8345	INDIAN WELLS SUB		0% Subs	-	-	-	-	-	-	-	-	12,179	2,017,154
8346	FOGARTY SUB		0% Subs	-	-	-	-	-	-	-	222,600	954,064	14,192,396
8347	PECHANGA SUB		0% Subs	-	-	-	-	-	-	-	-	4,398,452	16,251,905
8351	TANKER SUBSTATION		0% Subs	-	-	-	-	-	-	-	560,579	1,276,125	14,082,026
8353	PLUESS SUBSTATION		0% Subs	-	-	-	-	-	-	-	120	4,440	953,999
8354	AFG SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	151,193
8357	RECTIFIER SUB		0% Subs	-	-	-	-	-	-	-	-	78,655	1,082,686
8359	MOUNTWIND SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	5,170	1,102,037
8361	COSO SUB		0% Subs	-	-	-	-	-	-	-	-	-	43,045
8362	MOVAL SUBSTATION		0% Subs	-	-	-	-	-	-	-	91,119	1,699,133	4,796,344
8504	RITTER SUB		0% Subs	-	-	-	-	-	-	-	-	128,640	700,786
8509	PHARMACY SUBSTATION		0% Subs	-	-	-	-	-	-	-	942,487	17,386	-
8511	GLOW SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	27,725
8558	PLASTER SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	128,972
8810	ONEIL SUBSTATION		0% Subs	-	-	-	-	-	-	-	4,671	-	-
8956	MWD EASTSIDE RES		0% Subs	-	-	-	-	-	-	-	1,188,142	-	-
9009	CONSTR FIELD FORCES		0% Subs	-	-	-	-	-	-	-	-	-	-
9047	TRANS/SUB SUPPORT SERV		0% Subs	-	-	-	-	-	-	-	-	-	527,316
9287	REAL PROP-LAND SVCS-STHRN		0% Subs	-	-	-	-	-	-	-	-	-	103,895,978
9440	WESTMINSTER FENWICK BLDG		0% Subs	-	-	-	-	-	-	-	-	12,869	-
9900	PLANT ACCTG-MISC. LEDGER		0% Subs	-	-	-	-	-	-	-	-	8,929	-
5110	WABASH (NEW) SUB		0% Subs	-	-	-	-	-	-	-	631	-	-
5139	GENAMIC SUB		0% Subs	-	-	-	-	-	-	-	-	30,426	-
5164	REPETTO SUB		0% Subs	-	-	-	-	-	-	-	-	5,739	-
5215	MADRID SUB		0% Subs	-	-	-	-	-	-	-	-	17,757	-
5221	OCEAN PARK SUB		0% Subs	-	-	-	-	-	-	-	-	575	-
5226	BRIGHTON SUB		0% Subs	-	-	-	-	-	-	-	-	4,164	-
5229	MOBILLOIL SUB		0% Subs	-	-	-	-	-	-	-	-	3,804	-
5239	CRATER SUB		0% Subs	-	-	-	-	-	-	-	-	3,652	-
5242	COLORADO SUB		0% Subs	-	-	-	-	-	-	-	-	-	9,057
5252	ROLLING HILLS SUB		0% Subs	-	-	-	-	-	-	-	-	40,181	-
5260	COLOSSUS SUB		0% Subs	-	-	-	-	-	-	-	-	27,085	-
5268	TOPAZ SUB		0% Subs	-	-	-	-	-	-	-	-	-	7,141
5271	TAHITI SUB		0% Subs	-	-	-	-	-	-	-	-	29,219	-
				-	-	-	-	-	-	-	-	23,749	-

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				353	354	355	356	357	358	359	350	352	353
5275	MARYMOUNT SUB		0% Subs	-	-	-	-	-	-	-	-	4,862	-
5282	PALOGEN SUB		0% Subs	-	-	-	-	-	-	-	-	42,738	-
5302	BIG CREEK 2		0% Subs	-	-	-	-	-	-	-	-	-	-
5320	OCTOL SUB		0% Subs	-	-	-	-	-	-	-	-	13,523	-
5339	GREENHORN SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5410	FLOWIND SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5412	SILVER PEAK SUB		0% Subs	-	-	-	-	-	-	-	-	-	79,333
5520	MODOC SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5576	NEWHALL SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5616	FLANCO SUB		0% Subs	-	-	-	-	-	-	-	-	22,342	-
5618	FIREHOUSE SUB		0% Subs	-	-	-	-	-	-	-	-	6,520	-
5621	HUSTON SUB		0% Subs	-	-	-	-	-	-	-	-	45,573	-
5626	PEDLEY SUB		0% Subs	-	-	-	-	-	-	-	-	22,868	-
5633	SAN DIMAS SUB		0% Subs	-	-	-	-	-	-	-	-	19,651	-
5645	LAYFAIR SUB		0% Subs	-	-	-	-	-	-	-	-	189,720	-
5650	LINDE AIR SUB		0% Subs	-	-	-	-	-	-	-	-	15,935	-
5654	REDUCTION SUB		0% Subs	-	-	-	-	-	-	-	-	34,835	-
5656	BAIN SUB		0% Subs	-	-	-	-	-	-	-	-	704	-
5658	PIPE SUB		0% Subs	-	-	-	-	-	-	-	-	32,989	-
5714	CUDAHY SUB		0% Subs	-	-	-	-	-	-	-	-	85,156	-
5754	SOMERSET SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	55,761	-
5766	DAISY SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	30,708	-
5893	PASSONS SUB		0% Subs	-	-	-	-	-	-	-	-	3,215	-
1860	PALOVERDE NUCL GEN PLT-U1	500	0% Subs	-	-	-	-	-	-	-	-	-	2,597,299
1864	PALO VERDE-UNIT 2	500	0% Subs	-	-	-	-	-	-	-	-	-	2,488,614
1866	PALO VERDE-UNIT 3	500	0% Subs	-	-	-	-	-	-	-	-	-	5,007,603
1867	PALOVERDE-COMMON 1,2,3	500	0% Subs	-	-	-	-	-	-	-	7,766	-	2,721,697
5832	LA HABRA SUBSTATION	66	0% Subs	-	-	-	-	-	-	-	-	-	17,125
8078	SUN CITY(NEW)	115	0% Subs	-	-	-	-	-	-	-	119,513	1,940,376	14,880,345
8096	MARSCHINO SUB	115	0% Subs	-	-	-	-	-	-	-	27,809	1,636,175	11,336,300
8098	EISENHOWER SUB	115	0% Subs	-	-	-	-	-	-	-	189,886	846,100	15,216,081
8348	MORAGA	115	0% Subs	-	-	-	-	-	-	-	40,720	745,980	20,185,562
9310	TELCOMM-ALHAMBRA		0% Subs	-	-	-	-	-	-	-	-	327,844	-
6011	RIALTO COMB FAC. BLDG B&C		0% Subs	-	-	-	-	-	-	-	-	-	2,770
8121	CANTIL SUB		0% Subs	-	-	-	-	-	-	-	-	57,897	7,293
8123	CATHEDRAL CITY SUB		0% Subs	-	-	-	-	-	-	-	-	9,939	-
8136	DESERT OUTPOST SUB		0% Subs	-	-	-	-	-	-	-	-	13,544	-
8159	EL SOBRANTE SUB		0% Subs	-	-	-	-	-	-	-	-	24,846	-
8161	HARVARD SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
8170	INYOKERN TOWN SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
8172	JOSHUA TREE SUB		0% Subs	-	-	-	-	-	-	-	-	9,177	-
8216	PEERLESS SUB		0% Subs	-	-	-	-	-	-	-	-	-	7,635
8238	SILVER SPUR SUB		0% Subs	-	-	-	-	-	-	-	-	8,994	-
8244	SUNNY DUNES SUB		0% Subs	-	-	-	-	-	-	-	-	13,259	-
8255	TWENTYNINE PALMS SUB		0% Subs	-	-	-	-	-	-	-	-	11,480	-
9077	INFO TECH-GO2		0% Subs	-	-	-	-	-	-	-	-	-	9,285,586
9235	RP&AS-NRTHSHRE REC AREA		0% Subs	-	-	-	-	-	-	-	-	-	-
2612	MINARET		0% Subs	-	-	-	-	-	-	-	-	-	-
5120	FEDERALGEN SUB		0% Subs	-	-	-	-	-	-	-	-	6,944	-
5152	JOSE SUB		0% Subs	-	-	-	-	-	-	-	-	51,570	3,887
5175	VAIL SUB		0% Subs	-	-	-	-	-	-	-	-	15,470	-
5188	DALTON SUB		0% Subs	-	-	-	-	-	-	-	-	82,794	-
5201	BEVERLY HILLS SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5210	HOWARD SUB		0% Subs	-	-	-	-	-	-	-	-	33,804	17,431
5405	CANWIND SUB		0% Subs	-	-	-	-	-	-	-	-	9,895	-
5406	ENWIND SUB		0% Subs	-	-	-	-	-	-	-	-	11,023	29,527
5409	MORWIND SUB		0% Subs	-	-	-	-	-	-	-	-	-	6,367
5414	DUTCHWIND SUB		0% Subs	-	-	-	-	-	-	-	-	12,069	7,801
5415	OAKWIND SUB		0% Subs	-	-	-	-	-	-	-	-	-	23,342
5424	MIDWIND SUB		0% Subs	-	-	-	-	-	-	-	-	23,000	-
5535	CHARMIN SUB		0% Subs	-	-	-	-	-	-	-	-	33,913	-
5572	GAVIOTA SUB		0% Subs	-	-	-	-	-	-	-	-	118,097	-
5604	TIMOTEO SUB		0% Subs	-	-	-	-	-	-	-	-	1,760	-
5629	REDLANDS SUB		0% Subs	-	-	-	-	-	-	-	-	29,558	21,359
5636	YUCAIPA SUB		0% Subs	-	-	-	-	-	-	-	-	31,005	-
5661	RUNNING SPRINGS SUB		0% Subs	-	-	-	-	-	-	-	-	31,398	-
5667	ARCHLINE SUB		0% Subs	-	-	-	-	-	-	-	-	12,856	-
5668	CRESTMORE SUB		0% Subs	-	-	-	-	-	-	-	-	14,975	-
5680	DIAMOND BAR SUB		0% Subs	-	-	-	-	-	-	-	-	-	49,398
5718	FRUITLAND SUB		0% Subs	-	-	-	-	-	-	-	-	12,712	-
5720	FREEMONT SUB		0% Subs	-	-	-	-	-	-	-	-	6,957	-
5779	DAVIDSON CITY		0% Subs	-	-	-	-	-	-	-	-	6,957	-
5812	MURPHY SUB		0% Subs	-	-	-	-	-	-	-	-	20,469	-
5886	PIONEER SUB		0% Subs	-	-	-	-	-	-	-	-	6,944	-
8207	HOLIDAY SUB		0% Subs	-	-	-	-	-	-	-	-	19,356	-
8210	OLIVE LAKE SUB		0% Subs	-	-	-	-	-	-	-	-	558	-
8231	RUBIDOUX SUB		0% Subs	-	-	-	-	-	-	-	-	6,317	-
8252	TRONA SUB		0% Subs	-	-	-	-	-	-	-	-	6,499	-
8056	LAKEVIEW SUB		0% Subs	-	-	-	-	-	-	-	-	9,217,544	22,627,638
8058	EASTWIND SUB		0% Subs	-	-	-	-	-	-	-	-	-	23,430
8081	BADLANDS SUB		0% Subs	-	-	-	-	-	-	-	-	21,176	-
8339	STENT SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	10,350	68,974
8373	BLAST SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	471,546	183,837
5305	DELANO SUB		0% Subs	-	-	-	-	-	-	-	-	60,018	-
5312	LIBERTY SUB		0% Subs	-	-	-	-	-	-	-	-	315,750	-
5321	PIXLEY SUB		0% Subs	-	-	-	-	-	-	-	-	18,619	-
5331	VISALIA SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
1020	STM GEN		0% Subs	-	-	-	-	-	-	-	-	-	-
6027	MONROVIA SERVICE CENTER		0% Subs	-	-	-	-	-	-	-	-	-	-
8366	LEATHERNECK SUB		0% Subs	-	-	-	-	-	-	-	-	139,750	-

SOUTHERN CALIFORNIA EDISON COMPANY  
Transmission Line Study Results  
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Location	Description	Voltage (kV)	Study	Balance by FERC Account (ISO Transmission) Current Study						Non ISO Account Balances			
				353	354	355	356	357	358	359	350	352	353
8071	CLEMENTINE	66	0% Subs	-	-	-	-	-	-	-	-	41,635	69,695
5216	MANHATTAN SUB		0% Subs	-	-	-	-	-	-	-	-	10,762	-
5218	MONETA SUB		0% Subs	-	-	-	-	-	-	-	-	16,856	-
5227	REDONDO SUB		0% Subs	-	-	-	-	-	-	-	-	33,678	-
5228	ROSECRANS SUB		0% Subs	-	-	-	-	-	-	-	-	70,273	-
5231	SANTA MONICA SUB		0% Subs	-	-	-	-	-	-	-	-	19,277	-
5246	DITMAR SUB		0% Subs	-	-	-	-	-	-	-	-	8,977	-
5254	HAVEDA SUB		0% Subs	-	-	-	-	-	-	-	-	30,118	-
5255	LUNADA SUB		0% Subs	-	-	-	-	-	-	-	-	8,090	-
5267	SPACE SUB		0% Subs	-	-	-	-	-	-	-	-	21,278	-
5274	GALAXY SUB		0% Subs	-	-	-	-	-	-	-	-	8,898	-
5411	ARBWIND SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5570	VEGAS SUB		0% Subs	-	-	-	-	-	-	-	5,801	-	-
5624	NORCO SUB		0% Subs	-	-	-	-	-	-	-	-	66,934	-
5628	TENNESSEE SUB		0% Subs	-	-	-	-	-	-	-	-	44,558	-
5635	UPLAND SUB		0% Subs	-	-	-	-	-	-	-	-	21,532	-
5639	FRANCIS SUB		0% Subs	-	-	-	-	-	-	-	-	59,194	-
5726	HATHAWAY SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	37,411	-
5881	JOHANNA SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	14,630	-
8119	CADY SUB		0% Subs	-	-	-	-	-	-	-	-	13,562	-
8140	EAST BARSTOW SUB		0% Subs	-	-	-	-	-	-	-	-	12,855	-
8148	FOREST HOME SUB		0% Subs	-	-	-	-	-	-	-	-	15,135	-
8175	INDIAN WELLS SUB		0% Subs	-	-	-	-	-	-	-	-	103,197	-
8211	ORDWAY SUB		0% Subs	-	-	-	-	-	-	-	-	15,611	-
8263	PEREZ SUB		0% Subs	-	-	-	-	-	-	-	-	29,219	-
8279	CORONA SUB		0% Subs	-	-	-	-	-	-	-	-	5,855	-
8295	TORTILLA SUB		0% Subs	-	-	-	-	-	-	-	-	48,114	-
9300	ALHAMBRA COMM SITE		0% Subs	-	-	-	-	-	-	-	-	-	9,775
2587	SKILAND (MAMMOTH LAKE) SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	129,731	-
8371	KARMA SUB		0% Subs	-	-	-	-	-	-	-	1,200	-	189,559
1510	EL SEGUNDO GEN. STATION		0% Subs	-	-	-	-	-	-	-	-	83,831	2,450
1936	COOLWATER COMMON		0% Subs	-	-	-	-	-	-	-	-	-	-
1996	SAN BERNARDINO COMMON		0% Subs	-	-	-	-	-	-	-	-	27,803	-
5347	ISABELLA SUB		0% Subs	-	-	-	-	-	-	-	73,306	-	-
5608	CARDIFF SUB		0% Subs	-	-	-	-	-	-	-	-	117,952	-
5630	GRAPELAND PEAKER SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5637	TIPPECANOE SUB		0% Subs	-	-	-	-	-	-	-	-	21,769	-
5808	BRYAN SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	62,236	-
5821	FAIRVIEW SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	37,527	-
5836	MORRO SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	47,115	-
5838	NARROWS SUB		0% Subs	-	-	-	-	-	-	-	-	16,683	-
5861	CHESTNUT SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	15,616	-
5863	BARTOLO SUB		0% Subs	-	-	-	-	-	-	-	-	4,087	-
6039	VENTURA S/C		0% Subs	-	-	-	-	-	-	-	-	566,817	-
6048	NO. ORANGE COUNTY S/C		0% Subs	-	-	-	-	-	-	-	-	-	-
8205	NORTH INTAKE SUB		0% Subs	-	-	-	-	-	-	-	-	13,741	-
8215	PALM VILLAGE SUB		0% Subs	-	-	-	-	-	-	-	-	46,196	-
8219	GAVILAN SUB		0% Subs	-	-	-	-	-	-	-	-	29,892	-
8239	SIXTEENTH STREET SUB		0% Subs	-	-	-	-	-	-	-	-	34,308	-
8813	SHELL WESTERN(BREA) SUB		0% Subs	-	-	-	-	-	-	-	-	9,846	-
9159	GRID CONTROL MGMT T&D		0% Subs	-	-	-	-	-	-	-	-	-	-
5722	PICO SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	105,305	-
5742	THUMS "B" SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	23,963	-
5790	SEABRIGHT SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	29,034	-
8360	CALDWELL SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	30,789	-
5619	HIGHLAND SUB		0% Subs	-	-	-	-	-	-	-	-	59,490	-
8066	MOUNTAINVIEW SUB		0% Subs	-	-	-	-	-	-	-	-	103,392	-
7054	TULARE COUNTY		0% Subs	-	-	-	-	-	-	-	-	-	-
8266	WHITEWATER SUB		0% Subs	-	-	-	-	-	-	-	-	28,566	-
5632	STODDARD SUB		0% Subs	-	-	-	-	-	-	-	-	130,605	-
5037	OMAR SUB		0% Subs	-	-	-	-	-	-	-	-	36,798	-
4806	COYOTE CREEK HYDRO		0% Subs	-	-	-	-	-	-	-	-	-	-
6005	NORTH COAST REGION		0% Subs	-	-	-	-	-	-	-	-	-	-
5703	NAVY ONE SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	32,077	-
5232	VICTORIA SUB		0% Subs	-	-	-	-	-	-	-	-	162,536	-
2113	PARKER DAM-US BUR OF RECL		0% Subs	-	-	-	-	-	-	-	-	12,334	-
5323	PORTERVILLE SUB		0% Subs	-	-	-	-	-	-	-	-	80,195	-
5029	EDMONSTON SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	5,050	-
4242	KERN RIVER #3-BOREL 66KV		0% Subs	-	-	-	-	-	-	-	-	-	-
5264	CREST SUB		0% Subs	-	-	-	-	-	-	-	-	15,678	-
8150	SUNSHINE SWITCHYARD SUB		0% Subs	-	-	-	-	-	-	-	-	11,776	-
5735	LOCUST SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	61,853	-
5555	CHATSWORTH SUB		0% Subs	-	-	-	-	-	-	-	-	43,900	-
5308	GLENNVILLE SUB		0% Subs	-	-	-	-	-	-	-	-	55,476	-
5142	SAN GABRIEL SUB		0% Subs	-	-	-	-	-	-	-	-	23,648	-
6047	WHITTIER S/C		0% Subs	-	-	-	-	-	-	-	-	-	-
8103	AMBOY SUB		0% Subs	-	-	-	-	-	-	-	-	41,774	-
5121	GARFIELD SUB		0% Subs	-	-	-	-	-	-	-	-	54,966	-
8162	DEFRAIN SUB		0% Subs	-	-	-	-	-	-	-	-	41,774	-
5233	WALTERIA SUB		0% Subs	-	-	-	-	-	-	-	-	29,599	-
5350	THREE RIVERS SUB		0% Subs	-	-	-	-	-	-	-	-	28,746	-
5115	EATON SUB		0% Subs	-	-	-	-	-	-	-	-	218,964	-
5039	SYCAMORE SUB		0% Subs	-	-	-	-	-	-	-	-	-	22,357
5550	SAN FERNANDO SUB		0% Subs	-	-	-	-	-	-	-	-	10,675	-
8156	NUGGET SUB		0% Subs	-	-	-	-	-	-	-	-	38,810	-
5130	LA CANADA SUB		0% Subs	-	-	-	-	-	-	-	-	9,588	-
5834	LA MIRADA SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	52,769	-
5756	BULLIS SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	33,172	-
5771	LUCAS SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	-
5620	BLOOMINGTON SUB		0% Subs	-	-	-	-	-	-	-	-	49,005	-

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Location	Description	Voltage (kV)	Study	Balance by FERC Account (ISO Transmission) Current Study						Non ISO Account Balances			
				353	354	355	356	357	358	359	350	352	353
8297	FORGE SUB		0% Subs	-	-	-	-	-	-	-	-	28,209	-
5126	GRANADA SUB		0% Subs	-	-	-	-	-	-	-	-	15,937	-
5295	CHEVCENTRAL SUB		0% Subs	-	-	-	-	-	-	-	-	9,975	-
5781	NEPTUNE SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	-
6030	FOOTHILL S/C		0% Subs	-	-	-	-	-	-	-	-	-	-
5171	BRADBURY SUB		0% Subs	-	-	-	-	-	-	-	-	123,485	-
8007	RIVERTEX SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	124,407	-
5278	WESTHILL SUB		0% Subs	-	-	-	-	-	-	-	-	54,242	-
5114	BELVEDERE SUB		0% Subs	-	-	-	-	-	-	-	-	77,349	-
6085	BISHOP SERVICE CENTER		0% Subs	-	-	-	-	-	-	-	-	10,853	-
8138	FORT IRWIN SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	104,892	-
5356	KERNVILLE SUB		0% Subs	-	-	-	-	-	-	-	-	18,935	-
8836	HOLLYWOOD PARK		0% Subs	-	-	-	-	-	-	-	-	462,851	-
5217	MARINE SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
5328	TULARE SUB		0% Subs	-	-	-	-	-	-	-	-	-	-
6034	ONTARIO S/C		0% Subs	-	-	-	-	-	-	-	-	-	-
7033	RIVERSIDE COUNTY		0% Subs	-	-	-	-	-	-	-	-	-	-
9285	PROP SVCS-SN GBRL VAL REG		0% Subs	-	-	-	-	-	-	-	-	-	37,054
4702	CO-GEN/REN ENERGY SVS	220	0% Subs	-	-	-	-	-	-	-	-	-	877,662
FERNALORC INTERNALORDER			Mix Subs	1,062	-	-	-	-	-	-	-	-	8,546
1000	DIV MTCE / OVERHAUL MNGT		Mix Subs	11,253	-	-	-	-	-	-	-	-	-
1250	MOUNTAINVIEW POWER-COMMON		Mix Subs	15,530,010	-	-	-	-	-	-	-	-	11,793,040
1869	PALOVERDE-SWITCHYARD		Mix Subs	4,490,852	-	-	-	-	-	-	-	876,535	3,410,223
1870	PV UNIT 1-INCREMENTAL		Mix Subs	110,812	-	-	-	-	-	-	-	-	84,147
3076 & 199:	San Bernardino-220kv Switchyard & 220kv to 66kv		Mix Subs	24,773,135	-	-	-	-	-	-	180,214	4,637,103	36,540,962
2211	BIG CREEK NO.1		Mix Subs	7,629,101	-	-	-	-	-	-	-	137,801	6,593,105
2212	BIG CREEK NO.2		Mix Subs	1,292,811	-	-	-	-	-	-	-	-	981,723
2229	BIG CREEK NO.8		Mix Subs	2,521,204	-	-	-	-	-	-	-	113,577	1,693,663
2230	BIG CREEK NO.3		Mix Subs	18,785,209	-	-	-	-	-	-	-	812,525	8,855,526
2234	BIG CREEK NO.2A		Mix Subs	586,251	-	-	-	-	-	-	-	-	445,182
5000	SUBSTN DIV		Mix Subs	799,576	-	-	-	-	-	-	-	-	607,175
5011	EAGLE ROCK SUB		Mix Subs	7,299,603	-	-	-	-	-	-	16,029	4,063,289	32,646,167
5012	MESA SUB		Mix Subs	329,323,337	-	-	-	-	-	-	616,810	57,487,770	128,781,966
5013	RIO HONDO SUB		Mix Subs	23,338,849	-	-	-	-	-	-	338,383	7,970,446	66,283,434
5023	EL NIDO SUB		Mix Subs	18,846,970	-	-	-	-	-	-	198,234	12,856,192	42,748,005
5024	LA CIENEGA SUB		Mix Subs	13,623,910	-	-	-	-	-	-	1,583,752	5,299,135	41,635,948
5025	ALAMITOS SWITCHRACK SUB		Mix Subs	14,948,707	-	-	-	-	-	-	43,210	6,536,387	33,857,950
5027	LG BCH SWITCHRACK SUB		Mix Subs	1,636,277	-	-	-	-	-	-	73,978	1,048,202	5,209,749
5028	REDONDO SWITCHRACK SUB		Mix Subs	4,939,388	-	-	-	-	-	-	3,319	10,137	1,690,097
5031	MAGUNDEN SUB		Mix Subs	26,106,792	-	-	-	-	-	-	376	341,336	1,230,120
5033	RECTOR SUB		Mix Subs	70,965,621	-	-	-	-	-	-	175,450	15,313,357	56,728,330
5035	VESTAL SUB		Mix Subs	29,631,409	-	-	-	-	-	-	3,684	1,128,143	30,624,786
5038	NO. T/S REG OFC/VALENCIA		Mix Subs	-	-	-	-	-	-	-	33,462	1,323,733	-
5040	EAGLE MT. SUB		Mix Subs	19,103,349	-	-	-	-	-	-	-	340,773	17,444,170
5041 & 804:	Inyokern (CEP) & Inyokern		Mix Subs	3,770,996	-	-	-	-	-	-	5,986	562,270	11,442,394
5042 & 804:	Kramer & Kramer-Radial Line Agmt		Mix Subs	44,661,794	-	-	-	-	-	-	9,317	534,657	10,535,421
5043	CIMA SUB		Mix Subs	362,999	-	-	-	-	-	-	1,678	186,517	4,148,396
5050	PARDEE SUB		Mix Subs	56,733,293	-	-	-	-	-	-	69,002	1,666,764	4,343,624
5055	GOLETA SUB		Mix Subs	12,412,589	-	-	-	-	-	-	172,619	5,524,300	33,698,189
5056	MOORPARK SUB		Mix Subs	25,206,504	-	-	-	-	-	-	133,601	9,918,169	66,698,578
5060	PADUA SUB		Mix Subs	23,157,856	-	-	-	-	-	-	93,568	3,366,295	38,093,081
5062	CHINO SUB		Mix Subs	37,668,080	-	-	-	-	-	-	23,980	10,457,282	106,008,522
5063	JULIAN HINDS SUB		Mix Subs	24,068,486	-	-	-	-	-	-	-	16,068	206,309
5064	VISTA SUB		Mix Subs	24,935,538	-	-	-	-	-	-	40,282	23,735,453	82,281,350
5067	DEVERS SUB		Mix Subs	207,881,862	-	-	-	-	-	-	321,228	17,094,174	62,768,979
5070 & 80:	Valley & Valley - CEP		Mix Subs	76,816,737	-	-	-	-	-	-	189,728	28,894,950	117,754,499
5071	HINSON SUB		Mix Subs	8,515,689	-	-	-	-	-	-	571,688	7,581,645	45,581,039
5073	LIGHTHIPE SUB		Mix Subs	14,652,415	-	-	-	-	-	-	105,441	9,785,230	26,046,324
5075	DEL AMO SUB		Mix Subs	12,353,518	-	-	-	-	-	-	136,094	8,653,997	60,303,336
5079	WINDHUB SUB		Mix Subs	191,402,635	-	-	-	-	-	-	146,328	3,858,152	25,799,041
5081	BARRE SUB		Mix Subs	27,038,796	-	-	-	-	-	-	58,502	4,354,178	57,132,086
5082	VILLA PARK SUB		Mix Subs	19,603,195	-	-	-	-	-	-	206,435	5,623,995	62,681,799
5084	CENTER SUB		Mix Subs	6,816,049	-	-	-	-	-	-	63,152	5,008,557	48,912,446
85 & 5881	JOHANNA SUB		Mix Subs	18,650,139	-	-	-	-	-	-	585,268	5,505,601	45,936,484
5086	ELLIS SUB		Mix Subs	18,346,969	-	-	-	-	-	-	45,530	3,912,375	60,184,832
5087	OLINDA SUB		Mix Subs	7,986,735	-	-	-	-	-	-	312,108	2,622,858	31,770,814
5088	SANTIAGO SUB		Mix Subs	82,660,108	-	-	-	-	-	-	271,064	10,876,553	75,340,211
5096	ETIWANDA SWITCHRACK SUB		Mix Subs	12,942,807	-	-	-	-	-	-	150,597	4,397,639	54,833,465
5100	METRO REGION		Mix Subs	151,156	-	-	-	-	-	-	-	-	114,783
5556	NEENACH SUB		Mix Subs	232,011	-	-	-	-	-	-	-	16,634	176,182
8065	ALBERHILL SUB		Mix Subs	-	-	-	-	-	-	-	612,088	-	-
9339	CONWAY SUMMIT COMM SITE		Mix Subs	8,476	-	-	-	-	-	-	-	-	6,436
8370	SANDLOT SUB		Mix Subs	-	-	-	-	-	-	-	-	1,004,563	4,058,098
8063	CHEVMAIN		Mix Subs	3,829,673	-	-	-	-	-	-	-	-	-
6072	BARSTOW NO RGN-SAN BERDOO		Mix Subs	-	-	-	-	-	-	-	-	-	-
9010	B&A-T/S 3RD FLOOR-GO3		Mix Subs	468	-	-	-	-	-	-	-	-	-
9024	CHINO OFC BLDG (FACILITY)		Mix Subs	-	-	-	-	-	-	-	-	-	-
7010	FRESNO COUNTY		Mix Subs	-	-	-	-	-	-	-	-	-	-
7056	VENTURA COUNTY		Mix Subs	42,514	-	-	-	-	-	-	-	-	-
8000	ROADWAY(CEP)		Mix Subs	5,016,718	-	-	-	-	-	-	-	-	-
8006	EL CASCO SUBSTATION		Mix Subs	8,226,337	-	-	-	-	-	-	-	-	-
8037	TORTILLA(CEP) SUB		Mix Subs	4,348,178	-	-	-	-	-	-	-	-	-
8049	VICTOR SUB		Mix Subs	102,801,388	-	-	-	-	-	-	-	-	-
8055	SN ONOFRE SWTHRK-100%SC		Mix Subs	-	-	-	-	-	-	-	-	-	-
8074	COOL WATER SWITCHRACK 1,2		Mix Subs	1,395,458	-	-	-	-	-	-	-	-	-
8363	IVANPAH SUB		Mix Subs	33,221,947	-	-	-	-	-	-	-	-	-
9203	FUELS		Mix Subs	194,325	-	-	-	-	-	-	-	-	-
9221	INNOVATION VILLAGE 1		Mix Subs	858,156	-	-	-	-	-	-	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY  
Transmission Line Study Results  
As of December 31, 2023

Location	Description	Voltage (kV)	Study	Balance by FERC Account (ISO Transmission) Current Study							Non ISO Account Balances		
				353	354	355	356	357	358	359	350	352	353
9243	CONTROL SYS SEC-ALHAMBRA		Mix Subs	1,683,858	-	-	-	-	-	-			
9078	IRVINE OPER CENTER		Mix Subs	-	-	-	-	-	-	-			
9330	TELECOMM-ALHAMBRA		Mix Subs	39,376	-	-	-	-	-	-			
2556	CONTROL STATION	115	Mix Subs	12,431,356	-	31,923	19,952	-	-	-			
5014	WALNUT SUB		Mix Subs	19,733,568	-	-	-	-	-	-			
5015	GOULD SUB	500	Mix Subs	11,896,781	-	-	-	-	-	-			1,403
5021	LA FRESA SUB	500	Mix Subs	26,304,799	-	-	-	-	-	-			-
5052	ANTELOPE SUB	500	Mix Subs	218,048,711	-	-	-	37,168	-	-			-
5053	SANTA CLARA SUB	220	Mix Subs	16,831,393	-	-	-	-	-	-			3,547
5069	MIRA LOMA SUB	500	Mix Subs	203,525,180	-	96,861	-	-	-	-			-
5074	LAGUNA BELL SUB	220	Mix Subs	19,284,327	-	-	-	2,671	-	-			-
5083	VIEJO SUBSTATION	220	Mix Subs	10,434,671	-	-	-	2	-	-			-
8012	MIRAGE(CEP) SUB	220	Mix Subs	23,242,946	-	-	-	-	-	-			-
5034	SRINGVILLE SUB	220	Mix Subs	22,207,439	-	-	-	-	-	-			-
9219	RP&AS,LND&ESMNT REQUIS		Mix Subs	-	-	-	-	-	-	-			-
4206	COGEN/RENEW ENERGY SOURCE	66	Mix Subs	23,088	-	-	-	-	-	-			-

353	354	355	356	357	358	359
-	30,018,821	-	65,416,274	-	-	136,841
43,836	1,681,821,379	156,474,866	803,185,396	215,086,929	43,249,485	78,923,138
1,615,674	790,433,736	276,663,881	774,050,623	180,821	15,503,414	143,882,939
-	-	2,939,671	331,263	-	-	4,845
11,296,012	5,420,926	163,255,543	42,551,868	-	-	582,933
16,702	371,459	11,584,219	2,783,144	-	-	167,523
-	2,204,806	36,300,099	2,056,547	-	-	26,171
12,972,223	2,510,271,127	647,218,279	1,690,375,117	215,267,750	58,752,899	223,724,389
-	-	499,441	204,780	37,168	-	2,332,484
2,505,376	-	-	359,913	2,673	-	3,547
-	-	31,923	19,952	-	-	-
2,505,376	531,364	584,645	39,841	-	-	2,336,031
5,351,606,818						

## ISO Study Assumptions

The following assumptions have been made in completing this analysis.

### 1. Devers-Mirage System

Beginning in the 2009 CPUC GRC and the 2009 FERC rate case, the Devers-Mirage system split was assumed to be completed and all 115kV facilities transferred from ISO to non-ISO. This assumption was consistent with the plant forecast that was utilized in the cases. The physical work is complete and CAISO relinquished operational control of the Devers-Mirage 115kV system **effective June 1, 2013**. The facilities assumed transferred control for purposes of the Transmission Plant Study include: 220/115kV transformation at Devers and Mirage Substations, the 115kV buses at Devers and Mirage Substation, Farrell, Garnet, Eisenhower, Thornhill, Tamarisk, Santa Rosa, Indian Wells, Concho 115kV substations, and all 115kV lines interconnecting these substations that were under ISO Operational Control.

### 2. East Kern Wind Resource Area and Future Project (Antelope-Bailey System)

The 2012 Transmission Plant Study maintained the ability to adjust for the Antelope-Bailey 66kV System split as part of the EKWRA project by maintaining the EKWRA Reconfiguration Option in the Study. The EKWRA project was forecast for 2014, therefore it was assumed in the development of the Transmission Plant Study for the 2015 CPUC GRC to be completed. CAISO relinquished operational control of the Antelope-Bailey 66kV system **effective December 15, 2013**, but the EKWRA project's physical work was completed in early 2015. As a result of the EKWRA project the existing Antelope-Bailey will be split into three radial 66kV systems -- one radiating from Bailey, one radiating from Antelope, and a third radiating from a new 500/220/66kV Windhub substation. Post EKWRA, the Bailey-Neenach and Neenach-Antelope 66kV lines will still remain operated in parallel with the CAISO controlled 230kV lines connecting Bailey and Antelope Substations. The following substations and interconnecting 66kV lines were impacted by the EKWRA project:

Substations affected EKWRA include:

2313 Kern River 1	2313	Shift from Mixed to Non-ISO
5079 Wind Hub	5079	Shift from ISO to Mixed
5357 Cummings	5357	Shift from Mixed to Non-ISO
5358 Monolith	5358	Shift from Mixed to Non-ISO
5365 Acton	5365	Shift from Mixed to Non-ISO
5508 Del Sur	5508	Shift from Mixed to Non-ISO
5511 Goldtown	5511	Shift from Mixed to Non-ISO
5512 Gorman	5512	Shift from Mixed to Non-ISO
5514 Lancaster	5514	Shift from Mixed to Non-ISO
5518 Little Rock	5518	Shift from Mixed to Non-ISO
5522 Shuttle	5522	Shift from Mixed to Non-ISO
5530 Redman	5530	Shift from Mixed to Non-ISO
5539 Anaverde	5539	Shift from Mixed to Non-ISO
5541 Rosamond	5541	Shift from Mixed to Non-ISO
5545 Piute	5545	Shift from Mixed to Non-ISO
5547 Corum	5547	Shift from Mixed to Non-ISO
5548 Oasis	5548	Shift from Mixed to Non-ISO
5553 Cal Cement	5553	Shift from Mixed to Non-ISO
5564 Palmdale	5564	Shift from Mixed to Non-ISO
5566 Quartz Hill	5566	Shift from Mixed to Non-ISO
5599 Helijet	5599	Shift from Mixed to Non-ISO
8504 Ritter Ranch	8504	Shift from Mixed to Non-ISO

For purpose of the 2012 Plant Study, the study assumed that EKWRA facilities were under ISO Operational Control during 2012. This study no longer maintains the ISO to Non-ISO reconfiguration option for EKWRA.

### 3. Current FERC methodology for transformer bank circuit breakers

Pursuant to the Commission's ruling in the Whitewater case (Docket No. ER02-2189), FERC's current methodology classifies all circuit breakers that connect both ISO controlled operating buses as FERC jurisdiction (either in double breaker or breaker and half scheme). SCE has not implemented this methodology for those circuit breakers classified in the original 1998 split of the transmission system into ISO and non-ISO. This study reflects the current single-line diagram classification and the ISO register.

### 4. Classification of Distribution Plant

In the 2011 Transmission Plant Study, a more thorough review of ISO distribution plant was instituted. At all substations, unless specific distribution voltage facilities could be identified as ISO controlled, no allocation of distribution plant was made. An exception to this general rule is those substation locations where ISO facilities are clearly identifiable by review of the single line diagrams and ISO register, however only distribution plant is recorded at the location. In these cases, distribution plant will be assigned or allocated consistent with the methodology for determining substation investment.

SOUTHERN CALIFORNIA EDISON COMPANY  
12-31-2023 Facilities  
DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				A/C 360-363 TOTAL	ISO RELATED				NON-ISO RELATED PLANT				ISO/Non-ISO/Mix	High / Low / Straddle Voltage
			A/C 360	A/C 361	A/C 362	A/C 363		A/C 360	A/C 361	A/C 362	A/C 363	A/C 360	A/C 361	A/C 362	A/C 363		
			Land & Land Rights	Structures & Improvements	Station Equipment	Energy Storage Equipment - Distribution		Land & Land Rights	Structures & Improvements	Station Equipment	Energy Storage Equipment - Distribution	Land & Land Rights	Structures & Improvements	Station Equipment	Energy Storage Equipment - Distribution		
ACTION SUB	5365	66kV	466,446	2,218,764	7,965,365	-	10,650,574	-	-	-	-	466,446	2,218,764	7,965,365	-	Non-ISO	
GORMAN SUB	5512	66kV	383	484,492	5,685,228	-	6,170,103	-	-	-	-	383	484,492	5,685,228	-	Non-ISO	
ANAVERDE SUB	5539	66kV	157	819,892	10,146,485	-	10,966,535	-	-	-	-	157	819,892	10,146,485	-	Non-ISO	
CORUM SUB	5547	66kV	384	1,848,744	2,349,365	-	4,198,493	-	-	-	-	384	1,848,744	2,349,365	-	Non-ISO	
QUARTZ HILL SUB	5566	66kV	15,905	554,623	7,432,951	-	8,003,478	-	-	-	-	15,905	554,623	7,432,951	-	Non-ISO	
RITTER SUB	8504	66kV	-	603,492	9,004,685	-	9,608,176	-	-	-	-	-	603,492	9,004,685	-	Non-ISO	
DIV MTCE / OVERHAUL MNGT	1000	66kV	-	-	227	-	227	-	-	-	-	-	-	227	-	Non-ISO	
HUNTINGTON BCH GEN STATN	1610	220kV	-	-	126,169	-	126,169	-	-	-	-	-	-	126,169	-	Non-ISO	
PALOVERDE-COMMON 1,2,3	1867	500kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
HUNTINGTON LK(FP2175)	2110	66kV	-	-	61,855	-	61,855	-	-	-	-	-	-	61,855	-	Non-ISO	
SHAVER LAKE (FP 67)	2120	66kV	-	-	56,093	-	56,093	-	-	-	-	-	-	56,093	-	Non-ISO	
BIG CREEK CANYON	2202	220kV	-	-	99,245	-	99,245	-	-	-	-	-	-	99,245	-	Non-ISO	
BIG CREEK NO.1	2211	220kV	-	157,933	963,310	-	1,121,243	-	-	-	-	-	157,933	963,310	-	Non-ISO	
BIG CREEK NO.8	2229	220kV	-	-	(0)	-	(0)	-	-	-	-	-	-	(0)	-	Non-ISO	
BIG CREEK NO.3	2230	220kV	-	-	271,299	-	271,299	-	-	-	-	-	-	271,299	-	Non-ISO	
BIG CREEK NO.2A	2234	220kV	-	-	46,173	-	46,173	-	-	-	-	-	-	46,173	-	Non-ISO	
PORTAL POWER PLANT	2237	33kV & Below	-	-	26,636	-	26,636	-	-	-	-	-	-	26,636	-	Non-ISO	
MAMMOTH POOL	2238	220kV	-	-	91,293	-	91,293	-	-	-	-	-	-	91,293	-	Non-ISO	
EASTWOOD POWER STATION	2239	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
TIMBERWINE SUBSTATION	2260	33kV & Below	-	1,249,353	3,425,622	-	4,674,975	-	-	-	-	-	1,249,353	3,425,622	-	Non-ISO	
EAST END HYDRO SHP FACLTY	2304	-	-	9,117	-	-	9,117	-	-	-	-	-	-	9,117	-	Non-ISO	
KERN RIVER NO.1	2313	66kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
BOREL	2314	66kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SANTA ANA NO.1	2315	33kV & Below	-	-	85,969	-	85,969	-	-	-	-	-	-	85,969	-	Non-ISO	
SANTA ANA NO.3	2317	33kV & Below	-	63,898	706,459	-	770,357	-	-	-	-	-	63,898	706,459	-	Non-ISO	
MILL CREEK NO.1	2318	33kV & Below	-	-	70,541	-	70,541	-	-	-	-	-	-	70,541	-	Non-ISO	
MILL CREEK NO.2&3	2319	33kV & Below	4	-	5,386	-	5,391	-	-	-	-	4	-	5,386	-	Non-ISO	
LYTLE CREEK NO.1	2320	33kV & Below	-	-	47,967	-	47,967	-	-	-	-	-	-	47,967	-	Non-ISO	
KAWEAH NO.1	2324	66kV	-	57,290	531,283	-	588,572	-	-	-	-	-	57,290	531,283	-	Non-ISO	
LOWER TULE RIVER	2327	66kV	-	-	70,031	-	70,031	-	-	-	-	-	-	70,031	-	Non-ISO	
KERN RIVER #3	2328	66kV	-	-	1,520,517	-	1,520,517	-	-	-	-	-	-	1,520,517	-	Non-ISO	
ONTARIO NO.1	2331	33kV & Below	-	-	410,379	-	410,379	-	-	-	-	-	-	410,379	-	Non-ISO	
EASTERN HYDRO REGION	2500	55kV	-	-	110,283	-	110,283	-	-	-	-	-	-	110,283	-	Non-ISO	
POOLE	2512	33kV & Below	-	-	74,791	-	74,791	-	-	-	-	-	-	74,791	-	Non-ISO	
RUSH CREEK	2514	115kV	-	-	182,851	-	182,851	-	-	-	-	-	-	182,851	-	Non-ISO	
BISHOP CREEK NO.2	2522	55kV	-	62,237	406,805	-	469,042	-	-	-	-	-	62,237	406,805	-	Non-ISO	
BISHOP CREEK NO.3	2523	33kV & Below	-	-	144,854	-	144,854	-	-	-	-	-	-	144,854	-	Non-ISO	
BISHOP CREEK NO.4	2524	33kV & Below	-	-	1,002,881	-	1,002,881	-	-	-	-	-	-	1,002,881	-	Non-ISO	
BISHOP CREEK NO.5	2525	33kV & Below	-	-	79,163	-	79,163	-	-	-	-	-	-	79,163	-	Non-ISO	
BISHOP CREEK NO.6	2526	33kV & Below	-	-	82,630	-	82,630	-	-	-	-	-	-	82,630	-	Non-ISO	
CONTROL STATION	2556	115kV	(0)	-	0	-	(0)	-	-	-	-	-	(0)	0	-	Non-ISO	
CASA DIABLO	2557	115kV	-	-	569,516	-	569,516	-	-	-	-	-	-	569,516	-	Non-ISO	
2560 & 2510	LUNDY	55kV	-	-	45,508	-	45,508	-	-	-	-	-	-	45,508	-	Non-ISO	
LEE VINING	2561	115kV	-	-	41,579	-	41,579	-	-	-	-	-	-	41,579	-	Non-ISO	
INYO	2570	220kV	-	-	13,269	-	13,269	-	-	-	-	-	-	13,269	-	Non-ISO	
SHERWIN	2571	115kV	-	-	97,743	-	97,743	-	-	-	-	-	-	97,743	-	Non-ISO	
BRIDGEPORT (OLD)	2580	33kV & Below	138	1,412	6,429	-	7,979	-	-	-	-	138	1,412	6,429	-	Non-ISO	
ZACK	2582	55kV	7,434	886,772	10,426,017	-	11,320,224	-	-	-	-	7,434	886,772	10,426,017	-	Non-ISO	
JUNE LAKE	2583	33kV & Below	-	203,502	2,007,221	-	2,210,723	-	-	-	-	-	203,502	2,007,221	-	Non-ISO	
DEEP SPRINGS	2589	55kV	-	1,191	796,763	-	797,953	-	-	-	-	-	1,191	796,763	-	Non-ISO	
WHITE MOUNTAIN RADIO	2594	55kV	-	-	2,232,539	-	2,232,539	-	-	-	-	-	-	2,232,539	-	Non-ISO	
MT. TOM	2598	55kV	-	46,013	4,312,805	-	4,358,817	-	-	-	-	-	46,013	4,312,805	-	Non-ISO	
MORGAN	2604	33kV & Below	-	-	57,328	-	57,328	-	-	-	-	-	-	57,328	-	Non-ISO	
TIMBERWINE	2609	33kV & Below	-	-	1,660,992	-	1,660,992	-	-	-	-	-	-	1,660,992	-	Non-ISO	
BRIDGEPORT	2610	33kV & Below	24,261	137,912	1,412,622	-	1,574,794	-	-	-	-	24,261	137,912	1,412,622	-	Non-ISO	
SKILAND	2611	33kV & Below	62,995	227,115	3,315,186	-	3,605,296	-	-	-	-	62,995	227,115	3,315,186	-	Non-ISO	
MINARET	2612	33kV & Below	-	-	2,149,308	-	2,511,785	-	-	-	-	-	-	2,149,308	-	Non-ISO	
ELLWOOD ENGY SPTT FAC-GS TB	3020	-	-	-	9,065	-	9,065	-	-	-	-	-	-	9,065	-	Non-ISO	
CATALINA ISLAND-DIESEL	3064	66kV	-	11,069,105	16,835,207	-	27,904,312	-	-	-	-	-	11,069,105	16,835,207	-	Non-ISO	
CLWTR COMG CYCLE GEN STN	3393	33kV & Below	-	-	175,075	-	175,075	-	-	-	-	-	-	175,075	-	Non-ISO	
TRANSMISSION CONST & MTCE	4000	66kV	-	10,186	-	-	10,186	-	-	-	-	-	-	10,186	-	Non-ISO	
33 AND 66 KV LINES	4105	66kV	689,533	-	-	-	689,533	-	-	-	-	689,533	-	-	-	Non-ISO	
EASTERN T/S REGION	4500	66kV	-	52,105	-	-	52,105	-	-	-	-	-	52,105	-	-	Non-ISO	
NRTHN T/S REGION	4600	66kV	-	868,412	-	-	868,412	-	-	-	-	-	868,412	-	-	Non-ISO	
33&66KV LNS IN NRTHEN T/S	4605	66kV	-	83,826	-	-	83,826	-	-	-	-	-	83,826	-	-	Non-ISO	
115 KV LNS, ESTN T/S REG	4750	115kV	-	1,837	-	-	1,837	-	-	-	-	-	1,837	-	-	Non-ISO	
S/E DIV, 66KV LINES	4805	66kV	133,073	-	-	-	133,073	-	-	-	-	133,073	-	-	-	Non-ISO	
SUBSTN DIV	5000	Misc	-	-	485,808	-	485,808	-	-	-	-	-	-	485,808	-	Non-ISO	
WALNUT SUB	5014	220kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
EL NIDO SUB	5023	220kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
EL SEGUNDO SWITCHCRACK SUB	5026	220kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
LG BCH SWITCHCRACK SUB	5027	220kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
MAGLINDEN SUB	5031	220kV	-	59,617	-	-	59,617	-	-	-	-	-	59,617	-	-	Non-ISO	
RECTOR SUB	5033	220kV	-	0	(0)	-	(0)	-	-	-	-	-	0	(0)	-	Non-ISO	
VESTAL SUB	5035	220kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
KRAMER SUB	5042 & 8046	220kV	-	-	(0)	-	(0)	-	-	-	-	-	-	(0)	-	Non-ISO	
MOHAVE SWITCHCRACK	5045	500kV	-	-	9,512	-	9,512	-	-	-	-	-	-	9,512	-	Non-ISO	
MANDALAY SWITCHCRACK SUB	5048	220kV	-	-	-	-											



SOUTHERN CALIFORNIA EDISON COMPANY  
12-31-2023 Facilities  
DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				A/C 360-363 TOTAL	ISO RELATED				NON-ISO RELATED PLANT				ISO/Non-ISO/Mix	High / Low / Straddle Voltage
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		
OLINDA SUB	5087	220kV	-	230,487	-	-	230,487	-	-	-	-	-	230,487	-	-	Non-ISO	
EL DORADO SUB(NEVADA)	5090	500kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
ETIWANDA SWITCHRACK SUB	5096	220kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
METRO REGION	5100	33kV & Below	-	194,833	601,885	-	796,718	-	-	-	-	-	194,833	601,885	-	Non-ISO	
ALHAMBRA SUB	5101	66kV	90,249	4,440,992	23,356,764	-	27,888,005	-	-	-	-	90,249	4,440,992	23,356,764	-	Non-ISO	
ALLEN SUB	5102	33kV & Below	4,232	839,468	358,294	-	1,201,995	-	-	-	-	4,232	839,468	358,294	-	Non-ISO	
SANTEE DAIRY	5103	66kV	-	13,227	415,697	-	428,924	-	-	-	-	-	13,227	415,697	-	Non-ISO	
AMALIA SUB	5104	33kV & Below	11,584	595,733	8,649,709	-	9,257,027	-	-	-	-	11,584	595,733	8,649,709	-	Non-ISO	
ANITA SUB	5105	66kV	4,391	2,347,233	9,626,058	-	11,977,682	-	-	-	-	4,391	2,347,233	9,626,058	-	Non-ISO	
ARCADIA SUB	5106	66kV	137,667	189,686	8,684,058	-	9,011,410	-	-	-	-	137,667	189,686	8,684,058	-	Non-ISO	
BANDINI SUB	5107	66kV	11,615	270,455	7,892,602	-	8,174,673	-	-	-	-	11,615	270,455	7,892,602	-	Non-ISO	
PROCTOR SUB	5108	66kV	125,486	359,389	5,874,039	-	6,358,914	-	-	-	-	125,486	359,389	5,874,039	-	Non-ISO	
BICKNELL SUB	5109	33kV & Below	3,032	211,730	2,751,901	-	2,966,663	-	-	-	-	3,032	211,730	2,751,901	-	Non-ISO	
WABASH (NEW) SUB	5110	66kV	74,633	1,104,641	7,483,872	-	8,663,146	-	-	-	-	74,633	1,104,641	7,483,872	-	Non-ISO	
RENO SUB	5111	66kV	1,654	33,215	64,851	-	99,720	-	-	-	-	1,654	33,215	64,851	-	Non-ISO	
LIQUID SUB	5113	66kV	-	18,126	259,607	-	277,734	-	-	-	-	-	18,126	259,607	-	Non-ISO	
BELVEDERE SUB	5114	33kV & Below	3,370	558,732	2,130,304	-	2,692,405	-	-	-	-	3,370	558,732	2,130,304	-	Non-ISO	
EATON SUB	5115	66kV	9,301	499,350	6,001,791	-	6,510,442	-	-	-	-	9,301	499,350	6,001,791	-	Non-ISO	
RUSH SUB	5116	66kV	8,707	473,283	7,706,270	-	8,188,261	-	-	-	-	8,707	473,283	7,706,270	-	Non-ISO	
BREW SUB	5119	66kV	-	46,174	537,311	-	583,486	-	-	-	-	-	46,174	537,311	-	Non-ISO	
FEDERALGEN SUB	5120	66kV	-	10,678	963,843	-	974,522	-	-	-	-	-	10,678	963,843	-	Non-ISO	
GARFIELD SUB	5121	66kV	10,257	380,790	7,515,875	-	7,906,922	-	-	-	-	10,257	380,790	7,515,875	-	Non-ISO	
GARVEY SUB	5122	33kV & Below	2,182	961,351	3,893,088	-	4,856,620	-	-	-	-	2,182	961,351	3,893,088	-	Non-ISO	
WETMOUTH SUB	5123	66kV	-	310,002	389,496	-	699,498	-	-	-	-	-	310,002	389,496	-	Non-ISO	
CRYCO SUB	5125	66kV	-	32,073	1,049,467	-	1,049,467	-	-	-	-	-	32,073	1,049,467	-	Non-ISO	
GRANADA SUB	5126	33kV & Below	4,593	102,009	5,736,536	-	5,843,137	-	-	-	-	4,593	102,009	5,736,536	-	Non-ISO	
OUTFALL SUBSTATION	5127	66kV	-	-	32,971	-	32,971	-	-	-	-	-	-	32,971	-	Non-ISO	
SIMPSON PAPER SUBSTATION	5128	66kV	-	-	874,068	-	874,068	-	-	-	-	-	-	874,068	-	Non-ISO	
REFUSE SUB	5129	66kV	-	19,653	525,755	-	545,407	-	-	-	-	-	19,653	525,755	-	Non-ISO	
LA CANADA SUB	5130	66kV	-	659,114	6,526,466	-	7,185,581	-	-	-	-	-	659,114	6,526,466	-	Non-ISO	
HILLGEN SUB	5131	66kV	-	140,006	2,333,932	-	2,473,937	-	-	-	-	-	140,006	2,333,932	-	Non-ISO	
SIGGEN SUB	5132	66kV	-	18,872	1,280,175	-	1,299,047	-	-	-	-	-	18,872	1,280,175	-	Non-ISO	
MICHLINDA SUB	5133	33kV & Below	5,712	653,348	3,364,214	-	4,023,273	-	-	-	-	5,712	653,348	3,364,214	-	Non-ISO	
MONROVIA SUB	5134	33kV & Below	966	41,872	6,923,208	-	6,966,047	-	-	-	-	966	41,872	6,923,208	-	Non-ISO	
MONTEBELLO SUB	5135	33kV & Below	1,868	38,791	208,311	-	248,970	-	-	-	-	1,868	38,791	208,311	-	Non-ISO	
NEWMARK SUB	5136	66kV	16,471	2,311,017	15,614,785	-	17,942,273	-	-	-	-	16,471	2,311,017	15,614,785	-	Non-ISO	
CYBER SUB	5137	66kV	-	248,681	843,655	-	1,092,336	-	-	-	-	-	248,681	843,655	-	Non-ISO	
RAMONA SUB	5138	66kV	2,143	227,933	2,472,482	-	2,702,558	-	-	-	-	2,143	227,933	2,472,482	-	Non-ISO	
GENAMICH SUB	5139	66kV	246,412	138,717	2,639,233	-	3,024,361	-	-	-	-	246,412	138,717	2,639,233	-	Non-ISO	
ROSEMEAD SUB	5141	66kV	12,792	1,470,653	9,354,441	-	10,837,885	-	-	-	-	12,792	1,470,653	9,354,441	-	Non-ISO	
SAN GABRIEL SUB	5142	66kV	6,712	96,809	5,335,614	-	5,439,135	-	-	-	-	6,712	96,809	5,335,614	-	Non-ISO	
SAN MARINO SUB	5143	33kV & Below	3,835	116,916	4,870,569	-	4,991,321	-	-	-	-	3,835	116,916	4,870,569	-	Non-ISO	
SIERRA MADRE SUB	5144	33kV & Below	676	1,021,561	4,143,830	-	5,166,066	-	-	-	-	676	1,021,561	4,143,830	-	Non-ISO	
SANGAR SUB	5145	33kV & Below	17,347	20,654	212,045	-	249,044	-	-	-	-	17,347	20,654	212,045	-	Non-ISO	
TERRACE SUB	5146	33kV & Below	4,514	51,288	2,459,119	-	2,514,921	-	-	-	-	4,514	51,288	2,459,119	-	Non-ISO	
PUREAIR SUB	5147	66kV	36,627	2,876	569,670	-	609,173	-	-	-	-	36,627	2,876	569,670	-	Non-ISO	
AEROJET SUB	5148	66kV	-	37,025	418,219	-	455,244	-	-	-	-	-	37,025	418,219	-	Non-ISO	
SO. PACIFIC SUB - PIPELINE	5149	66kV	11,866	34,056	455,235	-	501,157	-	-	-	-	11,866	34,056	455,235	-	Non-ISO	
DUARTE SUB	5150	33kV & Below	11,360	79,683	3,373,016	-	3,464,060	-	-	-	-	11,360	79,683	3,373,016	-	Non-ISO	
HOYTE SUB	5151	33kV & Below	8,899	457,007	1,922,214	-	2,388,120	-	-	-	-	8,899	457,007	1,922,214	-	Non-ISO	
JOSE SUB	5152	66kV	16,667	27,844	532,225	-	576,736	-	-	-	-	16,667	27,844	532,225	-	Non-ISO	
IVAR SUB	5153	33kV & Below	4,184	725,816	3,004,524	-	3,734,524	-	-	-	-	4,184	725,816	3,004,524	-	Non-ISO	
PACKAGE SUB	5154	66kV	16,257	-	-	-	16,257	-	-	-	-	16,257	-	-	-	Non-ISO	
DIEMER SUB	5155	66kV	-	114,878	664,535	-	779,413	-	-	-	-	-	114,878	664,535	-	Non-ISO	
SERVER SUBSTATION 66/16 kV	5156	66kV	-	457,682	4,184,445	-	4,642,126	-	-	-	-	-	457,682	4,184,445	-	Non-ISO	
MT WILSON SUB	5157	33kV & Below	3,524	1,254	-	-	4,778	-	-	-	-	3,524	1,254	-	-	Non-ISO	
ARROYO SUB	5158	66kV	3,910	361,589	12,620,929	-	12,986,428	-	-	-	-	3,910	361,589	12,620,929	-	Non-ISO	
MOBILE 1-9, 14-20 SUB	5159	33kV & Below	-	1,792	102,152	-	103,944	-	-	-	-	-	1,792	102,152	-	Non-ISO	
NIEITOS SUB	5160	66kV	19,316	764,061	2,789,349	-	3,572,726	-	-	-	-	19,316	764,061	2,789,349	-	Non-ISO	
AMADOR SUB	5161	66kV	27,986	1,862,808	15,381,232	-	17,272,026	-	-	-	-	27,986	1,862,808	15,381,232	-	Non-ISO	
FAIR OAKS SUB	5162	33kV & Below	9,204	651,757	7,198,366	-	7,859,326	-	-	-	-	9,204	651,757	7,198,366	-	Non-ISO	
REPETTO SUB	5164	66kV	11,399	576,990	13,071,695	-	13,660,084	-	-	-	-	11,399	576,990	13,071,695	-	Non-ISO	
MAYFLOWER SUB	5167	33kV & Below	12,984	121,606	5,923,978	-	6,058,568	-	-	-	-	12,984	121,606	5,923,978	-	Non-ISO	
HARDING SUB	5168	33kV & Below	10,403	2,344	-	-	12,747	-	-	-	-	10,403	2,344	-	-	Non-ISO	
RAYMOND SUB	5169	33kV & Below	-	6,085	31	-	6,117	-	-	-	-	-	6,085	31	-	Non-ISO	
TEMPLE SUB	5170	33kV & Below	16,469	358,583	4,245,720	-	4,620,772	-	-	-	-	16,469	358,583	4,245,720	-	Non-ISO	
BRADBURY SUB	5171	66kV	11,331	409,203	9,503,354	-	9,923,888	-	-	-	-	11,331	409,203	9,503,354	-	Non-ISO	
SHULTZ SUB	5172	66kV	-	43,094	918,879	-	961,974	-	-	-	-	-	43,094	918,879	-	Non-ISO	
SHARON&gt																	

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2023 Facilities

DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				A/C 360-363 TOTAL	ISO RELATED				NON-ISO RELATED PLANT				ISO/Non-ISO/Mix	High / Low / Straddle Voltage
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		
COSMIC SUB	5214	66kV	813	3,448	541,672	-	545,933	-	-	-	-	813	3,448	541,672	-	Non-ISO	
MADRID SUB	5215	33kV & Below	2,750	30,533	1,264,983	-	1,298,266	-	-	-	-	2,750	30,533	1,264,983	-	Non-ISO	
MANHATTAN SUB	5216	33kV & Below	4,119	51,568	2,595,921	-	2,651,609	-	-	-	-	4,119	51,568	2,595,921	-	Non-ISO	
MARINE SUB	5217	66kV	16,040	280,303	4,437,352	-	4,733,695	-	-	-	-	16,040	280,303	4,437,352	-	Non-ISO	
MONTEITA SUB	5218	33kV & Below	2,806	24,987	1,028,349	-	1,056,143	-	-	-	-	2,806	24,987	1,028,349	-	Non-ISO	
MORNINGSIDE SUB	5219	33kV & Below	18,302	1,484,786	1,254,829	-	2,757,917	-	-	-	-	18,302	1,484,786	1,254,829	-	Non-ISO	
HUGHETRON SUB	5220	66kV	-	1,880	337,973	-	339,853	-	-	-	-	-	1,880	337,973	-	Non-ISO	
OCEAN PARK SUB	5221	33kV & Below	31,028	92,906	2,788,875	-	2,912,810	-	-	-	-	31,028	92,906	2,788,875	-	Non-ISO	
OLYMPIC SUB	5222	33kV & Below	13,087	701,604	1,477,552	-	2,192,243	-	-	-	-	13,087	701,604	1,477,552	-	Non-ISO	
PAUCOS VERDES SUB	5223	33kV & Below	5,883	369,782	1,173,376	-	1,549,041	-	-	-	-	5,883	369,782	1,173,376	-	Non-ISO	
PEARL SUB	5224	33kV & Below	7,678	256,836	869,620	-	1,134,134	-	-	-	-	7,678	256,836	869,620	-	Non-ISO	
PERRY SUB	5225	33kV & Below	2,931	1,255,845	2,775,563	-	4,034,339	-	-	-	-	2,931	1,255,845	2,775,563	-	Non-ISO	
BRIGHTON SUB	5226	66kV	77,687	416,507	4,469,019	-	4,963,212	-	-	-	-	77,687	416,507	4,469,019	-	Non-ISO	
REDONDO SUB	5227	33kV & Below	5,705	261,410	7,544,943	-	7,812,058	-	-	-	-	5,705	261,410	7,544,943	-	Non-ISO	
ROSECRANS SUB	5228	66kV	4,956	30,611	3,751,975	-	3,787,541	-	-	-	-	4,956	30,611	3,751,975	-	Non-ISO	
MOBILLOIL SUB	5229	66kV	11,578	165,720	14,486,450	-	14,663,748	-	-	-	-	11,578	165,720	14,486,450	-	Non-ISO	
SAN VINCENT SUB	5230	33kV & Below	19,082	288,815	987,248	-	1,295,145	-	-	-	-	19,082	288,815	987,248	-	Non-ISO	
SANTA MONICA SUB	5231	66kV	19,462	4,032,676	10,957,249	-	15,009,386	-	-	-	-	19,462	4,032,676	10,957,249	-	Non-ISO	
VICTORIA SUB	5232	66kV	12,336	458,170	10,166,657	-	10,637,162	-	-	-	-	12,336	458,170	10,166,657	-	Non-ISO	
WALTERIA SUB	5233	66kV	37,069	9,984,491	29,984,492	-	10,402,818	-	-	-	-	37,069	9,984,491	29,984,492	-	Non-ISO	
WINDSOR HILLS SUB	5235	66kV	199,473	926,930	17,259,232	-	18,385,635	-	-	-	-	199,473	926,930	17,259,232	-	Non-ISO	
VALDEZ SUB	5236	66kV	160,109	291,637	5,553,685	-	6,005,431	-	-	-	-	160,109	291,637	5,553,685	-	Non-ISO	
LAWNDALE SUB	5238	33kV & Below	3,686	119,821	4,613,160	-	4,736,667	-	-	-	-	3,686	119,821	4,613,160	-	Non-ISO	
CRATER SUB	5239	66kV	7,593	2,414,736	8,131,669	-	10,553,999	-	-	-	-	7,593	2,414,736	8,131,669	-	Non-ISO	
RINGO SUB	5240	33kV & Below	-	-	13,746	-	13,746	-	-	-	-	-	-	13,746	-	Non-ISO	
YUKON SUB	5241	66kV	29,665	967,641	15,621,983	-	16,619,289	-	-	-	-	29,665	967,641	15,621,983	-	Non-ISO	
COLORADO SUB	5242	66kV	19,578	420,168	11,879,384	-	12,319,131	-	-	-	-	19,578	420,168	11,879,384	-	Non-ISO	
TOPANGA SUB	5243	33kV & Below	5,014	393,055	225,775	-	623,844	-	-	-	-	5,014	393,055	225,775	-	Non-ISO	
FLETON SUB	5244	33kV & Below	132,571	168,598	8,441,098	-	8,742,267	-	-	-	-	132,571	168,598	8,441,098	-	Non-ISO	
BESFORD SUB	5245	33kV & Below	41,628	2,347,043	2,793,599	-	41,628	-	-	-	-	41,628	2,347,043	2,793,599	-	Non-ISO	
DITMAR SUB	5246	66kV	229,538	316,420	6,999,731	-	7,545,689	-	-	-	-	229,538	316,420	6,999,731	-	Non-ISO	
HUGHESAIR SUB	5248	66kV	-	14,307	1,590,830	-	1,605,137	-	-	-	-	-	14,307	1,590,830	-	Non-ISO	
ZUMA SUB	5249	33kV & Below	-	5,746	130,708	-	136,455	-	-	-	-	-	5,746	130,708	-	Non-ISO	
SAWTELE SUB	5250	66kV	-	475,627	7,176,421	-	7,652,048	-	-	-	-	-	475,627	7,176,421	-	Non-ISO	
RALPHS SUB	5251	66kV	-	8,601	46,932	-	55,533	-	-	-	-	-	8,601	46,932	-	Non-ISO	
ROLLING HILLS SUB	5252	66kV	27,101	473,755	5,541,767	-	6,042,623	-	-	-	-	27,101	473,755	5,541,767	-	Non-ISO	
TRISONIC SUB	5253	66kV	71	8,765	-	-	8,836	-	-	-	-	71	8,765	-	-	Non-ISO	
HAVEDA SUB	5254	33kV & Below	7,978	42,870	722,938	-	773,785	-	-	-	-	7,978	42,870	722,938	-	Non-ISO	
LUNADA SUB	5255	33kV & Below	4,827	94,195	905,576	-	1,004,598	-	-	-	-	4,827	94,195	905,576	-	Non-ISO	
AMCO SUB	5256	66kV	-	12,217	958,410	-	970,627	-	-	-	-	-	12,217	958,410	-	Non-ISO	
BRIDGE SUB	5257	66kV	23,157	605,959	8,779,477	-	9,408,594	-	-	-	-	23,157	605,959	8,779,477	-	Non-ISO	
SHELLINE	5258	66kV	831	8,054	28,512	-	37,397	-	-	-	-	831	8,054	28,512	-	Non-ISO	
STIRRUP SUB	5259	33kV & Below	15,342	119,409	584,222	-	718,973	-	-	-	-	15,342	119,409	584,222	-	Non-ISO	
COLOSSUS SUB	5260	66kV	-	108,496	1,168,188	-	1,276,684	-	-	-	-	-	108,496	1,168,188	-	Non-ISO	
LOSOLIVER SUB	5261	66kV	-	47,274	1,373,548	-	1,420,822	-	-	-	-	-	47,274	1,373,548	-	Non-ISO	
ARCO SUBSTATION	5262	66kV	-	37,488	393,617	-	431,106	-	-	-	-	-	37,488	393,617	-	Non-ISO	
THERMAL SUB	5263	66kV	712	-	-	-	712	-	-	-	-	712	-	-	-	Non-ISO	
CREST SUB	5264	66kV	85,248	618,258	5,829,694	-	6,533,199	-	-	-	-	85,248	618,258	5,829,694	-	Non-ISO	
REFINERY SUB	5265	66kV	-	12,888	272,484	-	285,372	-	-	-	-	-	12,888	272,484	-	Non-ISO	
BLUFF COVE SUB	5266	33kV & Below	17,786	225,766	3,524,360	-	3,767,913	-	-	-	-	17,786	225,766	3,524,360	-	Non-ISO	
SPACE SUB	5267	66kV	1,459	10,369	739,716	-	751,543	-	-	-	-	1,459	10,369	739,716	-	Non-ISO	
TOPAZ SUB	5268	66kV	11,438	27,226	1,512,843	-	1,551,507	-	-	-	-	11,438	27,226	1,512,843	-	Non-ISO	
TORRANCE SUB	5269	66kV	63,292	427,275	7,946,865	-	8,437,432	-	-	-	-	63,292	427,275	7,946,865	-	Non-ISO	
CORNER SUB	5270	66kV	-	8,314	104,325	-	112,639	-	-	-	-	-	8,314	104,325	-	Non-ISO	
TAMTHI SUB	5271	66kV	-	618,076	2,728,575	-	3,346,651	-	-	-	-	-	618,076	2,728,575	-	Non-ISO	
LATIGO SUB	5272	66kV	36,792	695,774	5,753,358	-	6,485,924	-	-	-	-	36,792	695,774	5,753,358	-	Non-ISO	
STANHILL SUB	5273	66kV	-	3,970	2,291,422	-	2,295,392	-	-	-	-	-	3,970	2,291,422	-	Non-ISO	
GALAXY SUB	5274	66kV	143	4,008	951,848	-	956,000	-	-	-	-	143	4,008	951,848	-	Non-ISO	
MARYMOUNT SUB	5275	66kV	87,320	1,021,639	1,973,306	-	3,082,266	-	-	-	-	87,320	1,021,639	1,973,306	-	Non-ISO	
AIRCHEM SUB	5276	66kV	-	-	123,845	-	123,845	-	-	-	-	-	-	123,845	-	Non-ISO	
TAPIA SUB	5277	66kV	4,988	2,339,152	25,379,313	-	27,723,453	-	-	-	-	4,988	2,339,152	25,379,313	-	Non-ISO	
WESTHILL SUB	5278	66kV	2,247	28,340	911,715	-	942,301	-	-	-	-	2,247	28,340	911,715	-	Non-ISO	
VARWIND SUB	5279	66kV	-	15,034	11,007	-	26,041	-	-	-	-	-	15,034	11,007	-	Non-ISO	
GATY SUB	5280	66kV	-	38,561	154,038	-	192,599	-	-	-	-	-	38,561	154,038	-	Non-ISO	
CARBON SUB	5281	66kV	-	38,595	2,356,450	-	2,395,045	-	-	-	-	-	38,595	2,356,450	-	Non-ISO	
PALOGEN SUB	5282	66kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
CHEVGEN SUB	5283	66kV	-	207,475	6,270,219	-	6,477,694	-	-	-	-	-	207,475	6,270,219	-	Non-ISO	
XEROX SUBSTATION	5284	66kV	6,307	18,519	815,058	-	839,884	-	-	-	-	6,307	18,519	815,058	-	Non-ISO	
RALPHS SUB (COMPTON)	5285	66kV	13,453	33,798	5												

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2023 Facilities

DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				A/C 360-363 TOTAL	ISO RELATED				NON-ISO RELATED PLANT				ISO/Non-ISO/Mix	High / Low / Straddle Voltage
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		
POPULAR SUB	5322	66kV	711	2,964,543	8,255,020	-	11,220,274	-	-	-	-	711	2,964,543	8,255,020	-	Non-ISO	
PORTERVILLE SUB	5323	66kV	2,930	1,487,954	18,043,537	-	19,534,421	-	-	-	-	2,930	1,487,954	18,043,537	-	Non-ISO	
ULTRAGEN SUB	5324	66kV	32,746	27,723	557,514	-	617,983	-	-	-	-	32,746	27,723	557,514	-	Non-ISO	
STRATHMORE SUB	5325	66kV	2,537	777,225	9,667,860	-	10,447,622	-	-	-	-	2,537	777,225	9,667,860	-	Non-ISO	
TERRA BELLA SUB	5326	66kV	300	516,634	9,787,509	-	10,304,442	-	-	-	-	300	516,634	9,787,509	-	Non-ISO	
TIPTON SUB	5327	66kV	427	870,473	9,454,063	-	10,324,963	-	-	-	-	427	870,473	9,454,063	-	Non-ISO	
TULARE SUB	5328	66kV	3,522	323,989	11,747,522	-	12,075,034	-	-	-	-	3,522	323,989	11,747,522	-	Non-ISO	
VENICE HILL SUB	5329	66kV	14,777	180,428	4,482,142	-	4,677,347	-	-	-	-	14,777	180,428	4,482,142	-	Non-ISO	
VENIDIA SUB	5330	66kV	1,683	1,064,492	7,903,481	-	8,969,657	-	-	-	-	1,683	1,064,492	7,903,481	-	Non-ISO	
VISALIA SUB	5331	66kV	198	2,091,538	11,223,049	-	13,314,785	-	-	-	-	198	2,091,538	11,223,049	-	Non-ISO	
WALKERBASIN SUB	5332	66kV	-	440,523	2,648,039	-	3,088,561	-	-	-	-	440,523	2,648,039	-	Non-ISO		
WOODVILLE SUB	5333	66kV	200	90,576	10,025,795	-	10,116,570	-	-	-	-	200	90,576	10,025,795	-	Non-ISO	
KAWGEN SUB	5334	66kV	-	5,506	308,265	-	313,771	-	-	-	-	-	5,506	308,265	-	Non-ISO	
LOUIS RICH	5335	66kV	-	7,049	264,955	-	272,004	-	-	-	-	-	7,049	264,955	-	Non-ISO	
COLUMBINE SUB	5336	66kV	3,281	1,644,141	4,873,930	-	6,521,353	-	-	-	-	3,281	1,644,141	4,873,930	-	Non-ISO	
OAK GROVE SUB	5337	66kV	1,488	580,458	8,982,732	-	9,564,672	-	-	-	-	1,488	580,458	8,982,732	-	Non-ISO	
MOONEY SUB	5338	33kV & Below	-	21,033	962,230	-	983,263	-	-	-	-	-	21,033	962,230	-	Non-ISO	
GREENHORN SUB	5339	66kV	2,952	29,157	3,915,449	-	3,947,558	-	-	-	-	2,952	29,157	3,915,449	-	Non-ISO	
DIVISADERO SUB	5340	33kV & Below	-	250	7,361	-	7,611	-	-	-	-	-	250	7,361	-	Non-ISO	
GRANDEVILLE SUB	5342	33kV & Below	1,318	3,545	498,812	-	503,675	-	-	-	-	1,318	3,545	498,812	-	Non-ISO	
QUINN SUB	5343	66kV	5,352	758,055	6,509,848	-	7,273,255	-	-	-	-	5,352	758,055	6,509,848	-	Non-ISO	
WOODLAKE SUB	5344	33kV & Below	5,748	-	-	-	5,748	-	-	-	-	5,748	-	-	-	Non-ISO	
CAPTIVE SUB	5345	66kV	10,241	17,811	454,961	-	483,013	-	-	-	-	10,241	17,811	454,961	-	Non-ISO	
CHATHAM SUB	5346	66kV	1,846	1,413,187	4,958,177	-	6,373,211	-	-	-	-	1,846	1,413,187	4,958,177	-	Non-ISO	
ISABELLA SUB	5347	66kV	4,659	7,641,165	12,555,276	-	20,201,100	-	-	-	-	4,659	7,641,165	12,555,276	-	Non-ISO	
WHEATLAND SUB	5348	66kV	1,739	1,182,147	7,225,174	-	8,409,060	-	-	-	-	1,739	1,182,147	7,225,174	-	Non-ISO	
THREE RIVERS SUB	5350	66kV	2,788	374,342	2,392,135	-	2,769,265	-	-	-	-	2,788	374,342	2,392,135	-	Non-ISO	
BOXWOOD SUB	5351	66kV	43,039	318,752	4,486,167	-	4,847,958	-	-	-	-	43,039	318,752	4,486,167	-	Non-ISO	
LINE CREEK SUB	5352	33kV & Below	-	4,794	1,265,926	-	1,270,720	-	-	-	-	-	4,794	1,265,926	-	Non-ISO	
WELDON SUB	5353	66kV	7,156	1,042,714	9,098,237	-	10,148,107	-	-	-	-	7,156	1,042,714	9,098,237	-	Non-ISO	
KERNVILLE SUB	5356	66kV	-	1,189,522	2,828,853	-	4,018,375	-	-	-	-	-	1,189,522	2,828,853	-	Non-ISO	
CUMMINGS SUB	5357	66kV	679	44,856	5,131,997	-	5,177,532	-	-	-	-	679	44,856	5,131,997	-	Non-ISO	
MONOLITH SUB	5358	66kV	288	1,585,332	10,455,441	-	12,041,061	-	-	-	-	288	1,585,332	10,455,441	-	Non-ISO	
BREEZE SUB	5360	66kV	43,084	35,086	4,638,956	-	4,717,125	-	-	-	-	43,084	35,086	4,638,956	-	Non-ISO	
PANDOL SUB	5361	66kV	12,561	28,844	733,714	-	775,119	-	-	-	-	12,561	28,844	733,714	-	Non-ISO	
LANPRI SUB	5362	66kV	3,468	36,799	43,672	-	83,939	-	-	-	-	3,468	36,799	43,672	-	Non-ISO	
VIRGIN SUB	5363	66kV	35,760	-	319,855	-	355,616	-	-	-	-	35,760	-	319,855	-	Non-ISO	
DESAL SUB	5366	66kV	-	85,742	592,674	-	678,415	-	-	-	-	-	85,742	592,674	-	Non-ISO	
ARCO SUB	5368	66kV	39,443	87,536	601,358	-	728,337	-	-	-	-	39,443	87,536	601,358	-	Non-ISO	
ELLWOOD SUB	5369	66kV	-	16,004	506,982	-	522,986	-	-	-	-	-	16,004	506,982	-	Non-ISO	
DAIRY SUB	5370	66kV	6,241	20,596	552,743	-	579,580	-	-	-	-	6,241	20,596	552,743	-	Non-ISO	
LEHMAN SUB	5371	66kV	-	20,705	292,628	-	313,333	-	-	-	-	-	20,705	292,628	-	Non-ISO	
CAPTAN SUB	5372	66kV	36,252	52,502	3,973,485	-	4,062,238	-	-	-	-	36,252	52,502	3,973,485	-	Non-ISO	
PROTEIN SUBSTATION	5373	66kV	-	62,485	1,033,992	-	1,096,477	-	-	-	-	-	62,485	1,033,992	-	Non-ISO	
RIVERWAY SUB	5374	66kV	-	791,211	11,977,639	-	12,768,850	-	-	-	-	-	791,211	11,977,639	-	Non-ISO	
MASCO SUB	5375	66kV	11,327	3,160,211	14,386,930	-	17,558,468	-	-	-	-	11,327	3,160,211	14,386,930	-	Non-ISO	
NEW TULARE SUB	5377	66kV	-	12,706	-	-	12,706	-	-	-	-	-	12,706	-	-	Non-ISO	
WELLEN SUBSTATION	5379	66kV	-	5,159	-	-	5,159	-	-	-	-	-	5,159	-	-	Non-ISO	
BANDUCCI SUBSTATION	5380	66kV	-	6,752,956	25,731,529	-	32,484,484	-	-	-	-	-	6,752,956	25,731,529	-	Non-ISO	
GROWERS SUB	5381	66kV	-	-	14	-	14	-	-	-	-	-	-	14	-	Non-ISO	
N/E 1/5 DIV-VARIOUS SUB	5400	66kV	-	-	6,671	-	6,671	-	-	-	-	-	-	6,671	-	Non-ISO	
MISSILE SUB(POINT MCGU)	5401	66kV	-	35,896	577,018	-	612,914	-	-	-	-	-	35,896	577,018	-	Non-ISO	
ZOND WIND SUB	5402	66kV	-	3,674	509,437	-	513,110	-	-	-	-	-	3,674	509,437	-	Non-ISO	
CALWIND SUB	5404	66kV	-	-	6,799	-	6,799	-	-	-	-	-	-	6,799	-	Non-ISO	
CANWIND SUB	5405	66kV	-	190,250	788,173	-	978,422	-	-	-	-	-	190,250	788,173	-	Non-ISO	
ENWIND SUB	5406	66kV	-	-	902,992	-	902,992	-	-	-	-	-	-	902,992	-	Non-ISO	
MORWIND SUB	5409	66kV	-	-	442,608	-	442,608	-	-	-	-	-	-	442,608	-	Non-ISO	
FLOWIND SUB	5410	66kV	50,342	114	500,132	-	550,587	-	-	-	-	50,342	114	500,132	-	Non-ISO	
ARBWIND SUB	5411	66kV	-	-	1,034,793	-	1,034,793	-	-	-	-	-	-	1,034,793	-	Non-ISO	
SILVER PEAK SUB	5412	55kV	-	-	61,463	-	61,463	-	-	-	-	-	-	61,463	-	Non-ISO	
DUTCHWIND SUB	5414	66kV	-	6,244	258,513	-	264,757	-	-	-	-	-	6,244	258,513	-	Non-ISO	
OAKWIND SUB	5415	66kV	-	-	387,769	-	387,769	-	-	-	-	-	-	387,769	-	Non-ISO	
PURIFY SUBSTATION	5422	66kV	-	313,306	1,056,912	-	1,370,218	-	-	-	-	-	313,306	1,056,912	-	Non-ISO	
SOUTHWIND SUB	5423	66kV	72,875	160,066	1,778,830	-	2,011,771	-	-	-	-	72,875	160,066	1,778,830	-	Non-ISO	
MIDWIND SUB	5424	66kV	65,768	29,124	1,063,781	-	1,158,673	-	-	-	-	65,768	29,124	1,063,781	-	Non-ISO	
ZEEWIND SUB	5425	66kV	-	168	32,191	-	32,358	-	-	-	-	-	168	32,191	-	Non-ISO	
WRIGHTWOOD SUB	5461	33kV & Below	27,650	358,204	7,942,434	-	8,328,288	-	-	-	-	27,650	358,204	7,942,434	-	Non-ISO	
TORTIOSE SUB	5462	66kV	-	-	533,122	-	533,122	-	-	-	-	-	-	533,122	-	Non-ISO	
RITFAD SUBSTATION	5463	66kV	-	26,601	587,934	-	614,535	-	-	-	-	-	26,601	587,934	-	Non-ISO	
CORRECTION SUBSTATION	5464	66kV	-	29,688	616,816	-	646,503	-	-	-	-	-	29,688	616,816	-	Non-ISO	
NORTHERN DIV SUB	5500	OFFICES & MISCE	-	-	16,765	-	16,765	-	-	-	-	-	-				

**SOUTHERN CALIFORNIA EDISON COMPANY**  
**12-31-2023 Facilities**  
**DISTRIBUTION SUBSTATION FACILITIES**

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				A/C 360-363	ISO RELATED				NON-ISO RELATED PLANT				ISO/Non-ISO/Mix	High / Low / Straddle Voltage
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		
SOMIS SUB	5536	66kV	2,602	1,010,386	4,385,459	-	5,398,447	-	-	-	-	2,602	1,010,386	4,385,459	-	-	Non-ISO
VENTURA SUB	5538	33kV & Below	3,099	3,617,866	2,101,627	-	5,722,593	-	-	-	-	3,099	3,617,866	2,101,627	-	-	Non-ISO
ROSAMONDO SUB	5541	66kV	1,088	2,109,549	13,348,375	-	15,459,012	-	-	-	-	1,088	2,109,549	13,348,375	-	-	Non-ISO
NORTH OAKS	5542	66kV	141,650	369,102	17,099,622	-	17,610,374	-	-	-	-	141,650	369,102	17,099,622	-	-	Non-ISO
WILLAMETTE SUB	5543	66kV	-	21,159	548,716	-	569,875	-	-	-	-	-	21,159	548,716	-	-	Non-ISO
CAMAR SUB	5544	33kV & Below	-	1,173	-	-	1,173	-	-	-	-	-	1,173	-	-	-	Non-ISO
PIUTE SUB	5545	66kV	3,757	207,570	6,433,131	-	6,644,458	-	-	-	-	3,757	207,570	6,433,131	-	-	Non-ISO
ELIZABETH LAKE SUB	5546	66kV	86,331	266,398	9,260,104	-	9,612,833	-	-	-	-	86,331	266,398	9,260,104	-	-	Non-ISO
OASIS SUB	5548	66kV	5,188	1,221,238	9,178,759	-	10,405,185	-	-	-	-	5,188	1,221,238	9,178,759	-	-	Non-ISO
PORTER SUB	5549	33kV & Below	881	183,660	535,795	-	720,336	-	-	-	-	881	183,660	535,795	-	-	Non-ISO
SAN FERNANDO SUB	5550	66kV	519	963,203	8,756,340	-	9,720,061	-	-	-	-	519	963,203	8,756,340	-	-	Non-ISO
MAC NEIL SUBSTATION	5551	66kV	2,903	302,755	3,140,595	-	3,446,252	-	-	-	-	2,903	302,755	3,140,595	-	-	Non-ISO
LEVY SUB	5552	66kV	16,548	364,262	5,702,525	-	6,083,335	-	-	-	-	16,548	364,262	5,702,525	-	-	Non-ISO
CAL CEMENT SUB	5553	66kV	-	218,974	5,151,304	-	5,370,277	-	-	-	-	-	218,974	5,151,304	-	-	Non-ISO
SHELLOM SUB	5554	66kV	1,155	3,687	29,468	-	34,310	-	-	-	-	1,155	3,687	29,468	-	-	Non-ISO
CHATS WORTH SUB	5555	66kV	3,166	109,351	8,179,187	-	8,291,705	-	-	-	-	3,166	109,351	8,179,187	-	-	Non-ISO
NEENACH SUB	5556	66kV	3,378	209,571	14,121,648	-	14,334,597	-	-	-	-	3,378	209,571	14,121,648	-	-	Non-ISO
NEWBURY SUB	5557	66kV	55,458	791,871	13,830,952	-	14,678,280	-	-	-	-	55,458	791,871	13,830,952	-	-	Non-ISO
SOLEMINT SUB	5560	66kV	17,363	547,164	6,393,448	-	6,957,976	-	-	-	-	17,363	547,164	6,393,448	-	-	Non-ISO
GREAT LAKES SUB	5561	66kV	-	98,191	958,274	-	1,056,465	-	-	-	-	-	98,191	958,274	-	-	Non-ISO
GRISWOLD SUB	5562	33kV & Below	24,305	52,006	255,027	-	331,339	-	-	-	-	24,305	52,006	255,027	-	-	Non-ISO
ESTERO SUB	5563	66kV	19,480	173,477	9,434,727	-	9,627,684	-	-	-	-	19,480	173,477	9,434,727	-	-	Non-ISO
PALMDALE SUB	5564	66kV	62,303	659,668	13,888,490	-	14,610,461	-	-	-	-	62,303	659,668	13,888,490	-	-	Non-ISO
PLAYA SUB	5565	33kV & Below	24,413	295,806	2,241,891	-	2,562,138	-	-	-	-	24,413	295,806	2,241,891	-	-	Non-ISO
WILSONA SUB	5567	66kV	4,376	1,626,987	6,308,500	-	7,939,862	-	-	-	-	4,376	1,626,987	6,308,500	-	-	Non-ISO
LOCKHEED SUB	5568	66kV	247,855	446,923	4,864,922	-	5,559,700	-	-	-	-	247,855	446,923	4,864,922	-	-	Non-ISO
THOUSAND OAKS SUB	5569	66kV	50,503	649,419	9,822,746	-	10,522,668	-	-	-	-	50,503	649,419	9,822,746	-	-	Non-ISO
VEGAS SUB	5570	66kV	36,581	208,416	5,776,184	-	6,021,182	-	-	-	-	36,581	208,416	5,776,184	-	-	Non-ISO
GAYDITA SUB	5572	66kV	9,947	941,214	2,924,384	-	3,875,546	-	-	-	-	9,947	941,214	2,924,384	-	-	Non-ISO
ROCKETDYNE SUB	5573	66kV	-	7,455	-	-	7,455	-	-	-	-	-	7,455	-	-	-	Non-ISO
APPGEN SUB	5574	66kV	-	-	258,184	-	258,184	-	-	-	-	-	-	258,184	-	-	Non-ISO
TENGEN SUB	5575	66kV	290,531	303,058	787,166	-	1,380,755	-	-	-	-	290,531	303,058	787,166	-	-	Non-ISO
NEWMALL SUB	5576	66kV	37,678	340,424	12,240,842	-	12,618,944	-	-	-	-	37,678	340,424	12,240,842	-	-	Non-ISO
SAN MIGUEL SUB	5577	66kV	50,004	190,300	7,955,759	-	8,196,064	-	-	-	-	50,004	190,300	7,955,759	-	-	Non-ISO
BURRO FLATS SUB	5578	66kV	463	4,953	198,591	-	204,007	-	-	-	-	463	4,953	198,591	-	-	Non-ISO
WAKEFIELD SUB	5579	66kV	33,431	621,087	8,414,196	-	9,068,714	-	-	-	-	33,431	621,087	8,414,196	-	-	Non-ISO
ROYAL SUB	5580	66kV	37,664	334,853	24,516,309	-	24,888,826	-	-	-	-	37,664	334,853	24,516,309	-	-	Non-ISO
EXDON CO. USA SUB	5581	66kV	4,192	116,903	2,255,242	-	2,372,337	-	-	-	-	4,192	116,903	2,255,242	-	-	Non-ISO
PITCHGEN SUB	5582	66kV	-	17,527	1,331,114	-	1,348,641	-	-	-	-	-	17,527	1,331,114	-	-	Non-ISO
UNIVERSAL CITY SUB	5584	66kV	12,340	283,501	8,454,523	-	8,750,364	-	-	-	-	12,340	283,501	8,454,523	-	-	Non-ISO
SAN MARCOS SUB	5585	66kV	28,884	177,874	5,930,907	-	6,137,665	-	-	-	-	28,884	177,874	5,930,907	-	-	Non-ISO
GONZALES SUB	5587	66kV	144,447	332,750	8,238,504	-	8,715,701	-	-	-	-	144,447	332,750	8,238,504	-	-	Non-ISO
COPCO SUB	5588	66kV	-	-	8	-	8	-	-	-	-	-	-	8	-	-	Non-ISO
THRUST SUB	5589	66kV	-	5,405	60,093	-	65,498	-	-	-	-	-	5,405	60,093	-	-	Non-ISO
WESTPAC SUB	5591	66kV	-	28,672	929,458	-	958,130	-	-	-	-	-	28,672	929,458	-	-	Non-ISO
HASKELL SUB	5594	66kV	28,940	549,681	9,389,577	-	9,968,198	-	-	-	-	28,940	549,681	9,389,577	-	-	Non-ISO
CAMGEN SUB	5595	66kV	-	1,270	183,270	-	184,540	-	-	-	-	-	1,270	183,270	-	-	Non-ISO
ISLA VISTA SUB	5596	66kV	119,260	832,670	5,693,368	-	6,645,297	-	-	-	-	119,260	832,670	5,693,368	-	-	Non-ISO
POTRERO SUB	5597	66kV	73,582	691,999	9,408,092	-	10,173,673	-	-	-	-	73,582	691,999	9,408,092	-	-	Non-ISO
HELIET SUB	5599	66kV	-	235,231	3,765,848	-	4,001,079	-	-	-	-	-	235,231	3,765,848	-	-	Non-ISO
EASTERN DIV SUB	5600	Div Offices & Mis	-	-	616,419	-	616,419	-	-	-	-	-	-	616,419	-	-	Non-ISO
RANDALL SUB	5601	66kV	17,910	852,709	13,236,789	-	14,107,409	-	-	-	-	17,910	852,709	13,236,789	-	-	Non-ISO
ARRO SUB	5602	33kV & Below	2,514	1,861,380	2,053,477	-	2,514	-	-	-	-	2,514	1,861,380	2,053,477	-	-	Non-ISO
TROPHY SUB	5603	66kV	60,671	482,983	8,255,574	-	8,799,228	-	-	-	-	60,671	482,983	8,255,574	-	-	Non-ISO
TIMOTEO SUB	5604	66kV	8,333	1,025,138	8,459,603	-	9,493,074	-	-	-	-	8,333	1,025,138	8,459,603	-	-	Non-ISO
BEAUMONT SUB	5605	33kV & Below	265	574,306	3,028,887	-	3,603,458	-	-	-	-	265	574,306	3,028,887	-	-	Non-ISO
ORANGE PRODUCTS SUB	5606	66kV	2,627	80,965	265,001	-	348,594	-	-	-	-	2,627	80,965	265,001	-	-	Non-ISO
CAPSULE SUB	5607	66kV	680	2,122,474	5,602,474	-	8,305,628	-	-	-	-	680	2,122,474	5,602,474	-	-	Non-ISO
CARDIFF SUB	5608	66kV	10,891	1,398,275	23,672,899	-	25,082,065	-	-	-	-	10,891	1,398,275	23,672,899	-	-	Non-ISO
PLASTIC SUB	5609	66kV	-	37,350	326,993	-	364,342	-	-	-	-	-	37,350	326,993	-	-	Non-ISO
COLTON SUB	5610	66kV	5,846	1,600,304	22,912,406	-	24,518,556	-	-	-	-	5,846	1,600,304	22,912,406	-	-	Non-ISO
LIVE OAK SUB	5611	66kV	12,290	1,374,211	10,930,877	-	12,317,377	-	-	-	-	12,290	1,374,211	10,930,877	-	-	Non-ISO
INLAND CONTAINER SUB	5612	66kV	-	-	119,439	-	119,439	-	-	-	-	-	-	119,439	-	-	Non-ISO
AGUA MANGA SUB	5613	66kV	-	-	12,812	-	12,812	-	-	-	-	-	-	12,812	-	-	Non-ISO
PEYTON SUB	5614	66kV	24,388	273,986	8,691,137	-	8,989,512	-	-	-	-	24,388	273,986	8,691,137	-	-	Non-ISO
DECLEZ SUB	5615	66kV	3,638	3,402,898	11,027,867	-	14,434,403	-	-	-	-	3,638	3,402,898	11,027,867	-	-	Non-ISO
FLANCO SUB	5616	33kV & Below	4,820	39,134	-	-	43,953	-	-	-	-	4,820	39,134	-	-	-	Non-ISO
GANESHA SUB	5617	66kV	4,738	644,256	13,471,119	-	14,120,113	-	-	-	-	4,738	644,256	13,471,119	-	-	Non-ISO
FIREHOUSE SUB	5618	66kV	39,026	510,335	10,795,426	-	11,344,787	-	-	-	-	39,026	510,335	10,795,426	-	-	Non-ISO
HIGHLAND SUB	5619	66kV	1,885	1,615,469	13,601,779	-	15,219,133	-	-	-	-	1,885	1,615,469	13,601,779	-	-	Non-ISO
BLOOMINGTON SUB	5620	66kV	14,412	248,296	10,093,972	-	10,356,680	-	-	-	-	14,412	248,296	10,093,972	-	-	Non-ISO
HUSTON SUB	5621	33kV & Below	9,257	309,266	5,009,002	-	5,327,526	-	-	-	-	9,257	309,266	5,009,002	-	-	Non-ISO
JUNCTION SUB	5622	33kV & Below	-	198,474	2,492,421	-	2,690,903	-	-	-	-	-	198,474	2,492,421	-	-	Non-ISO
NORCO SUB	5624	33kV & Below	1,612	3,319	285,569	-	290,500	-	-	-	-	1,612	3,319	285,569	-	-	Non-ISO
ONTARIO SUB	5625	33kV & Below	4,295	451,754	3,771,731	-	4,227,780	-	-	-	-	4,295	451,754	3,771,731	-	-	Non-ISO</

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2023 Facilities

DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				A/C 360-363 TOTAL	ISO RELATED				NON-ISO RELATED PLANT				ISO/Non-ISO/Mix	High / Low / Straddle Voltage
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		
PIPE SUB	5658	66kV	410	16,221	491,557	-	508,189	-	-	-	-	410	16,221	491,557	-	Non-ISO	
ARCHIBALD SUB	5659	66kV	8,320	429,545	9,296,916	-	9,734,781	-	-	-	-	8,320	429,545	9,296,916	-	Non-ISO	
RUNNING SPRINGS SUB	5661	33kV & Below	12,065	904,925	10,282,020	-	11,199,009	-	-	-	-	12,065	904,925	10,282,020	-	Non-ISO	
ARBORS SUB	5662	66kV	-	-	303,468	-	303,468	-	-	-	-	-	-	303,468	-	Non-ISO	
MILLIKEN SUB	5663	66kV	795,975	578,860	10,821,401	-	12,196,237	-	-	-	-	795,975	578,860	10,821,401	-	Non-ISO	
WIMBLEDON SUB	5664	66kV	-	739,840	10,576,893	-	11,316,733	-	-	-	-	-	739,840	10,576,893	-	Non-ISO	
HAVASU SUB	5665	66kV	2,142	7,329	2,037,519	-	2,046,990	-	-	-	-	2,142	7,329	2,037,519	-	Non-ISO	
ARCHLINE SUB	5667	66kV	19,821	592,297	12,697,173	-	13,309,291	-	-	-	-	19,821	592,297	12,697,173	-	Non-ISO	
CRESTMORE SUB	5668	66kV	850	2,432	42,177	-	45,459	-	-	-	-	850	2,432	42,177	-	Non-ISO	
DEL ROSA SUB	5670	66kV	14,078	1,673,058	7,023,905	-	8,711,040	-	-	-	-	14,078	1,673,058	7,023,905	-	Non-ISO	
ALDER SUB	5672	66kV	8,032	1,576,205	13,953,292	-	15,537,529	-	-	-	-	8,032	1,576,205	13,953,292	-	Non-ISO	
WHIPPLE SUB	5674	66kV	14,262	188,999	4,413,626	-	4,616,886	-	-	-	-	14,262	188,999	4,413,626	-	Non-ISO	
CUCAMONGA SUB	5677	66kV	13,341	771,396	9,802,363	-	10,587,100	-	-	-	-	13,341	771,396	9,802,363	-	Non-ISO	
LANDING SUB	5678	66kV	4,700	31,814	4,251,924	-	4,288,438	-	-	-	-	4,700	31,814	4,251,924	-	Non-ISO	
CHASE SUB	5679	66kV	-	531,233	11,337,182	-	11,868,415	-	-	-	-	-	531,233	11,337,182	-	Non-ISO	
DIAMOND BAR SUB	5680	66kV	505,887	322,656	5,948,844	-	6,777,386	-	-	-	-	505,887	322,656	5,948,844	-	Non-ISO	
GARDEN STATE SUB	5681	66kV	-	6,899	19,605	-	26,504	-	-	-	-	-	6,899	19,605	-	Non-ISO	
UNIMED SUB	5682	66kV	-	48,746	508,940	-	557,685	-	-	-	-	-	48,746	508,940	-	Non-ISO	
DELGEN SUB	5683	66kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
DEGEN SUB	5685	66kV	-	13,700	293,127	-	306,827	-	-	-	-	-	13,700	293,127	-	Non-ISO	
SOQUEL SUB	5686	66kV	333,364	692,686	10,540,898	-	11,566,948	-	-	-	-	333,364	692,686	10,540,898	-	Non-ISO	
ROCKAIR SUB	5688	66kV	9,232	12,621	326,624	-	348,477	-	-	-	-	9,232	12,621	326,624	-	Non-ISO	
SIMPSON SUB	5690	66kV	-	1,946	-	-	1,946	-	-	-	-	-	1,946	-	-	Non-ISO	
DATABANK SUB	5694	66kV	4,232	20,896	849,234	-	874,361	-	-	-	-	4,232	20,896	849,234	-	Non-ISO	
CLAREMONT SUB	5695	66kV	28,833	39,672	1,223,414	-	1,293,920	-	-	-	-	28,833	39,672	1,223,414	-	Non-ISO	
FIBRE SUB	5696	66kV	-	13,172	894,273	-	907,445	-	-	-	-	-	13,172	894,273	-	Non-ISO	
POLYPRO SUB	5697	66kV	-	43,119	1,096,141	-	1,139,260	-	-	-	-	-	43,119	1,096,141	-	Non-ISO	
BHP SUBSTATION	5698	66kV	-	61,145	-	-	61,145	-	-	-	-	-	61,145	-	-	Non-ISO	
KINDER SUB	5699	66kV	-	30,407	486,538	-	516,946	-	-	-	-	-	30,407	486,538	-	Non-ISO	
ALON SUB	5701	66kV	13,817	720,871	7,306,613	-	8,041,302	-	-	-	-	13,817	720,871	7,306,613	-	Non-ISO	
VIDEO SUB	5702	66kV	8,662	-	-	-	8,662	-	-	-	-	8,662	-	-	-	Non-ISO	
NAVY MOLE SUB	5704	66kV	-	47,216	519,925	-	567,141	-	-	-	-	-	47,216	519,925	-	Non-ISO	
SHELLWAT SUB	5705	66kV	-	49,560	1,717,494	-	1,767,054	-	-	-	-	-	49,560	1,717,494	-	Non-ISO	
BELMONT SUB	5706	33kV & Below	3,742	618,519	3,011,601	-	3,633,862	-	-	-	-	3,742	618,519	3,011,601	-	Non-ISO	
BOXBY SUB	5707	33kV & Below	18,626	129,709	1,727,211	-	1,875,546	-	-	-	-	18,626	129,709	1,727,211	-	Non-ISO	
BOWL SUB	5708	66kV	21,182	371,645	7,627,636	-	8,020,463	-	-	-	-	21,182	371,645	7,627,636	-	Non-ISO	
INIECTION SUB	5709	66kV	2,075	29,479	114,989	-	146,543	-	-	-	-	2,075	29,479	114,989	-	Non-ISO	
BREWSTER SUB	5710	33kV & Below	14,222	220,876	4,486,553	-	4,721,650	-	-	-	-	14,222	220,876	4,486,553	-	Non-ISO	
CARSON SUB	5711	66kV	95,073	712,932	9,075,028	-	9,883,032	-	-	-	-	95,073	712,932	9,075,028	-	Non-ISO	
CAMERON SUB	5712	66kV	-	167,327	4,852,133	-	5,019,459	-	-	-	-	-	167,327	4,852,133	-	Non-ISO	
CUDAHY SUB	5714	66kV	23,610	1,160,614	14,401,683	-	15,585,907	-	-	-	-	23,610	1,160,614	14,401,683	-	Non-ISO	
BOOST SUB	5717	66kV	1,297	43,253	804,985	-	849,534	-	-	-	-	1,297	43,253	804,985	-	Non-ISO	
FRUITLAND SUB	5718	66kV	39,968	203,696	9,783,813	-	10,027,478	-	-	-	-	39,968	203,696	9,783,813	-	Non-ISO	
ASTRO SUB	5719	66kV	-	7,855	713,914	-	721,769	-	-	-	-	-	7,855	713,914	-	Non-ISO	
FREMONT SUB	5720	66kV	96,955	549,025	13,621,981	-	14,267,960	-	-	-	-	96,955	549,025	13,621,981	-	Non-ISO	
DIKE SUBSTATION	5721	66kV	-	313,300	2,915,492	-	3,228,793	-	-	-	-	-	313,300	2,915,492	-	Non-ISO	
PICO SUBSTATION	5722	66kV	-	1,013,091	11,389,037	-	12,402,128	-	-	-	-	-	1,013,091	11,389,037	-	Non-ISO	
CORNUTA SUBSTATION	5723	66kV	86,695	201,703	4,296,159	-	4,584,557	-	-	-	-	86,695	201,703	4,296,159	-	Non-ISO	
GRAHAM SUBSTATION	5725	33kV & Below	3,622	296,665	5,185,384	-	5,485,671	-	-	-	-	3,622	296,665	5,185,384	-	Non-ISO	
HATHAWAY SUBSTATION	5726	66kV	26,442	1,131,401	10,228,148	-	11,385,991	-	-	-	-	26,442	1,131,401	10,228,148	-	Non-ISO	
ATHENS SUBSTATION	5727	33kV & Below	8,170	44,170	2,649,727	-	2,702,067	-	-	-	-	8,170	44,170	2,649,727	-	Non-ISO	
HUNTINGTON PARK SUB	5728	33kV & Below	1,512	310,291	5,824,556	-	6,136,359	-	-	-	-	1,512	310,291	5,824,556	-	Non-ISO	
PACLINE SUBSTATION	5730	66kV	1,790	33,238	567,421	-	602,450	-	-	-	-	1,790	33,238	567,421	-	Non-ISO	
LYNWOOD SUBSTATION	5731	33kV & Below	15,754	131,946	4,644,436	-	4,792,135	-	-	-	-	15,754	131,946	4,644,436	-	Non-ISO	
MAYWOOD SUBSTATION	5732	33kV & Below	2,736	49,102	398,739	-	450,578	-	-	-	-	2,736	49,102	398,739	-	Non-ISO	
LAKEWOOD SUBSTATION	5733	66kV	2,066	111,932	2,813,777	-	2,927,775	-	-	-	-	2,066	111,932	2,813,777	-	Non-ISO	
LINDEN SUBSTATION	5734	33kV & Below	1,533	203,842	1,856,180	-	2,061,554	-	-	-	-	1,533	203,842	1,856,180	-	Non-ISO	
LOCUST SUBSTATION	5735	33kV & Below	2,319	118,306	4,077,810	-	4,198,435	-	-	-	-	2,319	118,306	4,077,810	-	Non-ISO	
LOS CERRITOS SUB	5738	66kV	176,528	592,727	4,289,335	-	5,058,590	-	-	-	-	176,528	592,727	4,289,335	-	Non-ISO	
RANDOLPH SUBSTATION	5739	66kV	18,869	715,911	11,927,604	-	12,698,384	-	-	-	-	18,869	715,911	11,927,604	-	Non-ISO	
NAPLES SUBSTATION	5740	33kV & Below	4,644	103,502	1,440,821	-	1,548,967	-	-	-	-	4,644	103,502	1,440,821	-	Non-ISO	
THUMS "A" SUBSTATION	5741	66kV	-	615	120,255	-	120,869	-	-	-	-	-	615	120,255	-	Non-ISO	
THUMS "B" SUBSTATION	5742	66kV	-	51,516	362,019	-	413,535	-	-	-	-	-	51,516	362,019	-	Non-ISO	
OLDFIELD SUBSTATION	5744	33kV & Below	11,496	1,292,524	4,182,009	-	5,486,028	-	-	-	-	11,496	1,292,524	4,182,009	-	Non-ISO	
LARDER SUBSTATION	5745	33kV & Below	-	532	315,595	-	316,128	-	-	-	-	-	532	315,595	-	Non-ISO	
SANITREAT SUBSTATION	5746	66kV	1,000	5,047	18,018	-	24,065	-	-	-	-	1,000	5,047	18,018	-	Non-ISO	
FERNWOOD SUBSTATION	5749	66kV	21,800	872,546	7,084,594	-	7,978,940	-	-	-	-	21,800	872,546	7,084,594	-	Non-ISO	
CALDEN SUBSTATION	5750	66kV	109,960	402,851	9,773,726	-	10,286,537	-	-	-	-	1096					

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2023 Facilities

DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				A/C 360-363 TOTAL	ISO RELATED				NON-ISO RELATED PLANT				ISO/Non-ISO/Mix	High / Low / Straddle Voltage
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		
WESTEX SUBSTATION	5792	66kV	3,119	7,090	119,423	-	129,632	-	-	-	-	3,119	7,090	119,423	-	Non-ISO	
ATRICH SUBSTATION	5794	66kV	2,404	-	-	-	2,404	-	-	-	-	2,404	-	-	-	Non-ISO	
CERTIFIED SUBSTATION	5795	66kV	-	12,973	161,311	-	174,284	-	-	-	-	-	12,973	161,311	-	Non-ISO	
STADIUM SUBSTATION	5796	66kV	-	161,678	12,568,615	-	12,730,293	-	-	-	-	-	161,678	12,568,615	-	Non-ISO	
CHERRY SUBSTATION	5797	66kV	458,083	702,403	4,537,934	-	5,698,420	-	-	-	-	458,083	702,403	4,537,934	-	Non-ISO	
MOVIE SUBSTATION	5798	66kV	1,888,138	1,095,454	5,064,222	-	8,047,813	-	-	-	-	1,888,138	1,095,454	5,064,222	-	Non-ISO	
PAPERMATE SUB	5799	66kV	-	18,899	63,198	-	82,097	-	-	-	-	-	18,899	63,198	-	Non-ISO	
SOUTHEAST DIVISION	5800	Div Offices & Mis	-	-	69,256	-	69,256	-	-	-	-	-	-	69,256	-	Non-ISO	
VERA SUBSTATION	5801	66kV	50,896	487,943	8,613,622	-	9,152,460	-	-	-	-	50,896	487,943	8,613,622	-	Non-ISO	
MODENA SUBSTATION	5802	66kV	31,252	569,562	7,046,839	-	7,647,653	-	-	-	-	31,252	569,562	7,046,839	-	Non-ISO	
SMITH TOOL SUBSTATION	5803	66kV	5,082	-	-	-	5,082	-	-	-	-	5,082	-	-	-	Non-ISO	
ATWOOD SUBSTATION	5804	66kV	9,422	749,265	8,139,819	-	8,898,506	-	-	-	-	9,422	749,265	8,139,819	-	Non-ISO	
BAYSIDE SUBSTATION	5805	66kV	44,428	168,986	5,623,421	-	5,836,835	-	-	-	-	44,428	168,986	5,623,421	-	Non-ISO	
APOLLO SUBSTATION	5806	66kV	597	196,852	1,598,522	-	1,795,971	-	-	-	-	597	196,852	1,598,522	-	Non-ISO	
BOLSA SUBSTATION	5807	66kV	34,046	541,318	4,206,206	-	4,781,570	-	-	-	-	34,046	541,318	4,206,206	-	Non-ISO	
BRYAN SUBSTATION	5808	66kV	14,865	383,085	14,846,001	-	15,243,951	-	-	-	-	14,865	383,085	14,846,001	-	Non-ISO	
SLATER SUBSTATION	5809	66kV	75,818	728,419	6,567,462	-	7,371,700	-	-	-	-	75,818	728,419	6,567,462	-	Non-ISO	
BRISTOL SUBSTATION	5810	33kV & Below	9,030	9,955	115,943	-	134,929	-	-	-	-	9,030	9,955	115,943	-	Non-ISO	
CHICUITA SUBSTATION	5811	66kV	648,506	602,162	11,056,494	-	12,307,162	-	-	-	-	648,506	602,162	11,056,494	-	Non-ISO	
MURPHY SUB	5812	66kV	61,155	710,650	8,151,970	-	8,923,775	-	-	-	-	61,155	710,650	8,151,970	-	Non-ISO	
CAROLINA SUBSTATION	5813	66kV	30,813	642,971	9,964,822	-	10,638,607	-	-	-	-	30,813	642,971	9,964,822	-	Non-ISO	
CARMENITA SUBSTATION	5814	66kV	6,616	787,261	12,022,315	-	12,816,192	-	-	-	-	6,616	787,261	12,022,315	-	Non-ISO	
PAPER SUBSTATION	5815	66kV	1,488	10,365	933,072	-	944,925	-	-	-	-	1,488	10,365	933,072	-	Non-ISO	
PARKWOOD SUBSTATION	5816	66kV	58,055	138,864	6,446,472	-	6,643,391	-	-	-	-	58,055	138,864	6,446,472	-	Non-ISO	
COSTA MESA SUBSTATION	5817	33kV & Below	4,078	1,70,360	1,673,940	-	1,848,383	-	-	-	-	4,078	1,70,360	1,673,940	-	Non-ISO	
CROWN SUBSTATION	5818	66kV	57,929	599,195	8,808,062	-	9,465,185	-	-	-	-	57,929	599,195	8,808,062	-	Non-ISO	
ELY SUBSTATION	5819	66kV	52,170	232,313	11,864,900	-	12,149,383	-	-	-	-	52,170	232,313	11,864,900	-	Non-ISO	
DOWNEY SUB	5820	33kV & Below	8,033	22,467	3,823,981	-	3,854,481	-	-	-	-	8,033	22,467	3,823,981	-	Non-ISO	
FAIRVIEW SUBSTATION	5821	66kV	1,818	825,893	12,454,006	-	13,281,717	-	-	-	-	1,818	825,893	12,454,006	-	Non-ISO	
FULLERTON SUBSTATION	5822	66kV	20,412	288,582	9,792,477	-	10,101,491	-	-	-	-	20,412	288,582	9,792,477	-	Non-ISO	
GALLATIN SUB	5823	66kV	19,042	290,815	8,896,924	-	9,206,781	-	-	-	-	19,042	290,815	8,896,924	-	Non-ISO	
WEICO SUBSTATION	5824	66kV	-	-	75	-	75	-	-	-	-	-	-	75	-	Non-ISO	
HAMILTON SUBSTATION	5825	66kV	11,053	1,583,251	8,056,263	-	9,650,567	-	-	-	-	11,053	1,583,251	8,056,263	-	Non-ISO	
CAMDEN SUBSTATION	5826	66kV	183,449	567,751	4,074,900	-	4,826,100	-	-	-	-	183,449	567,751	4,074,900	-	Non-ISO	
WAIVE SUBSTATION	5828	66kV	1,978	14,070,882	16,885,952	-	17,480,882	-	-	-	-	1,978	14,070,882	16,885,952	-	Non-ISO	
IRVINE SUBSTATION	5829	66kV	2,643	340,605	11,788,791	-	12,132,039	-	-	-	-	2,643	340,605	11,788,791	-	Non-ISO	
SOUTH PAC SUBSTATION	5830	66kV	-	21,986	128,522	-	150,508	-	-	-	-	-	21,986	128,522	-	Non-ISO	
LA HABRA SUBSTATION	5832	66kV	916	669,888	13,313,458	-	13,984,262	-	-	-	-	916	669,888	13,313,458	-	Non-ISO	
GILBERT SUBSTATION	5833	66kV	42,324	163,923	5,301,884	-	5,508,130	-	-	-	-	42,324	163,923	5,301,884	-	Non-ISO	
LA MIRADA SUBSTATION	5834	66kV	52,555	969,982	5,875,208	-	6,895,746	-	-	-	-	52,555	969,982	5,875,208	-	Non-ISO	
LA VETA SUBSTATION	5835	66kV	77,254	1,848,586	12,041,984	-	13,967,824	-	-	-	-	77,254	1,848,586	12,041,984	-	Non-ISO	
MORRO SUBSTATION	5836	66kV	20,036	3,014,010	5,630,230	-	8,664,276	-	-	-	-	20,036	3,014,010	5,630,230	-	Non-ISO	
CYPRESS SUBSTATION	5837	66kV	25,204	313,359	10,536,632	-	10,875,195	-	-	-	-	25,204	313,359	10,536,632	-	Non-ISO	
NARROWS SUB	5838	66kV	30,474	528,415	12,820,956	-	13,379,845	-	-	-	-	30,474	528,415	12,820,956	-	Non-ISO	
SUNNYHILLS SUBSTATION	5840	66kV	-	46,227	332,949	-	379,176	-	-	-	-	-	46,227	332,949	-	Non-ISO	
LEANDRO SUBSTATION	5841	66kV	-	466,741	-	-	466,741	-	-	-	-	-	466,741	-	-	Non-ISO	
OCEANVIEW SUBSTATION	5842	66kV	6,909	511,292	8,642,407	-	9,160,608	-	-	-	-	6,909	511,292	8,642,407	-	Non-ISO	
ORANGE SUBSTATION	5843	66kV	91,402	5,412,690	15,584,812	-	21,088,904	-	-	-	-	91,402	5,412,690	15,584,812	-	Non-ISO	
WILSHIRE SUB	5844	66kV	-	-	39,287	-	39,287	-	-	-	-	-	-	39,287	-	Non-ISO	
MOULTON SUBSTATION	5845	66kV	64,266	1,041,591	20,392,467	-	21,498,324	-	-	-	-	64,266	1,041,591	20,392,467	-	Non-ISO	
MERCURY SUB	5846	66kV	503	-	-	-	503	-	-	-	-	503	-	-	-	Non-ISO	
RIVERA SUB	5848	33kV & Below	3,356	1,055,265	7,004,857	-	8,063,477	-	-	-	-	3,356	1,055,265	7,004,857	-	Non-ISO	
SANTA ANA SUBSTATION	5849	33kV & Below	3,722	2,792,152	-	-	2,795,874	-	-	-	-	3,722	2,792,152	-	-	Non-ISO	
SANTA FE SPRINGS SUB	5850	66kV	26,233	846,140	12,645,715	-	13,518,088	-	-	-	-	26,233	846,140	12,645,715	-	Non-ISO	
GISLER SUBSTATION	5851	66kV	141,656	466,528	7,895,808	-	7,994,071	-	-	-	-	141,656	466,528	7,895,808	-	Non-ISO	
STEWART SUB	5852	66kV	83,295	93,608	5,007,286	-	5,184,189	-	-	-	-	83,295	93,608	5,007,286	-	Non-ISO	
TALBERT SUBSTATION	5853	66kV	23,620	2,355,952	10,177,117	-	12,556,690	-	-	-	-	23,620	2,355,952	10,177,117	-	Non-ISO	
BROOKHURST SUBSTATION	5854	66kV	118,649	440,273	6,337,154	-	6,896,076	-	-	-	-	118,649	440,273	6,337,154	-	Non-ISO	
WASHINGTON SUBSTATION	5856	66kV	86,492	818,559	6,820,122	-	7,725,172	-	-	-	-	86,492	818,559	6,820,122	-	Non-ISO	
SPONGE SUB	5857	66kV	-	60,307	70,610	-	130,917	-	-	-	-	-	60,307	70,610	-	Non-ISO	
CEDARWOOD SUBSTATION	5859	33kV & Below	3,886	82,512	1,394,048	-	1,480,446	-	-	-	-	3,886	82,512	1,394,048	-	Non-ISO	
ALTON SUBSTATION	5860	66kV	62,261	-	-	-	62,261	-	-	-	-	62,261	-	-	-	Non-ISO	
CHESTNUT SUBSTATION	5861	66kV	1,681	283,403	13,984,082	-	14,269,166	-	-	-	-	1,681	283,403	13,984,082	-	Non-ISO	
SULLIVAN SUBSTATION	5862	66kV	14,128	676,350	13,424,173	-	14,114,851	-	-	-	-	14,128	676,350	13,424,173	-	Non-ISO	
BARTOLO SUB	5863	33kV & Below	4,112	84,224	853,905	-	942,241	-	-	-	-	4,112	84,224	853,905	-	Non-ISO	
EDGEWATER SUBSTATION	5864	33kV & Below	3,840	31,971	144,829	-	180,639	-	-	-	-	3,840	31,971	144,829	-	Non-ISO	
ESTRELLA SUBSTATION	5865	66kV	130,440	780,935	14,859,279	-	15,770,653	-	-	-	-	130,440	780,935				

SOUTHERN CALIFORNIA EDISON COMPANY  
12-31-2023 Facilities  
DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				A/C 360-363 TOTAL	ISO RELATED				NON-ISO RELATED PLANT				ISO/Non-ISO/Mix	High / Low / Straddle Voltage
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		
ORANGE COUNTY REGION	6002	33kV & Below	-	3,931,315	-	-	3,931,315	-	-	-	-	-	3,931,315	-	-	-	Non-ISO
INLAND REGION	6003		10,056,924	10,841,972	-	-	20,898,896	-	-	-	-	10,056,924	10,841,972	-	-	-	Non-ISO
DESERT SPRINGS REGION	6004		735	-	-	-	735	-	-	-	-	735	-	-	-	-	Non-ISO
NORTH COAST REGION	6005		424,762	7,171,079	-	-	7,595,842	-	-	-	-	424,762	7,171,079	-	-	-	Non-ISO
RIALTO COMB FAC. BLDG B&C	6011	Div Offices & Mls	30,622	13,027,107	9,724	-	13,067,453	-	-	-	-	30,622	13,027,107	9,724	-	-	Non-ISO
SAN BERNARDINO REG OFFICE	6013		108,093	360,871	-	-	468,964	-	-	-	-	108,093	360,871	-	-	-	Non-ISO
REGIONAL OFFICE-VENTURA	6015		-	104,380	-	-	104,380	-	-	-	-	-	104,380	-	-	-	Non-ISO
MONTIBELLO DISTRICT OFFIC	6022		311,506	10,953,785	90,394	-	11,355,685	-	-	-	-	311,506	10,953,785	90,394	-	-	Non-ISO
COVINA SERVICE CENTER	6026		1,217,051	19,000,941	22,924	-	20,240,916	-	-	-	-	1,217,051	19,000,941	22,924	-	-	Non-ISO
MONROVIA SERVICE CENTER	6027		645,935	10,266,119	-	-	10,912,053	-	-	-	-	645,935	10,266,119	-	-	-	Non-ISO
CENTRAL ORANGE COUNTY DIS	6029	33kV & Below	722,152	34,288,322	18,845	11,406,475	46,435,794	-	-	-	-	722,152	34,288,322	18,845	11,406,475	-	Non-ISO
FOOTHILL S/C	6030		2,214,407	19,180,313	1,217	-	21,395,937	-	-	-	-	2,214,407	19,180,313	1,217	-	-	Non-ISO
REDLANDS S/C	6031		340,772	14,179,211	11,132	-	14,531,115	-	-	-	-	340,772	14,179,211	11,132	-	-	Non-ISO
COMPTON S/C	6032		905,408	25,001,407	-	-	25,906,815	-	-	-	-	905,408	25,001,407	-	-	-	Non-ISO
ORANGE COAST S/C	6033		538,440	8,766,122	-	-	9,304,562	-	-	-	-	538,440	8,766,122	-	-	-	Non-ISO
ONTARIO S/C	6034		3,070,485	24,277,072	12,299	-	27,359,856	-	-	-	-	3,070,485	24,277,072	12,299	-	-	Non-ISO
THOUSAND OAKS S/C	6035		1,521,761	15,180,385	-	-	16,702,147	-	-	-	-	1,521,761	15,180,385	-	-	-	Non-ISO
ANTELOPE VALLEY S/C	6036		976,601	23,435,769	38,524	-	31,727,295	-	-	-	-	976,601	23,435,769	38,524	-	-	Non-ISO
VENTURA S/C	6039	33kV & Below	278,837	15,998,633	-	-	16,277,470	-	-	-	-	278,837	15,998,633	-	-	-	Non-ISO
ARROWHEAD S/C	6040		119,064	8,472,582	18,681	-	8,610,327	-	-	-	-	119,064	8,472,582	18,681	-	-	Non-ISO
STA. MONICA S/C	6042		497,048	10,481,894	-	-	10,978,943	-	-	-	-	497,048	10,481,894	-	-	-	Non-ISO
SADDLEBACK S/C	6043		5,311,675	14,996,903	11,740	-	20,328,318	-	-	-	-	5,311,675	14,996,903	11,740	-	-	Non-ISO
SOUTH BEACH S/C	6044		1,041,096	15,365,449	-	-	16,406,546	-	-	-	-	1,041,096	15,365,449	-	-	-	Non-ISO
LONG BEACH S/C	6046		166,821	11,033,340	-	-	11,200,162	-	-	-	-	166,821	11,033,340	-	-	-	Non-ISO
WHITTIER S/C	6047		4,810,946	12,957,681	13,316	-	17,781,943	-	-	-	-	4,810,946	12,957,681	13,316	-	-	Non-ISO
NO. ORANGE COUNTY S/C	6048		432,939	12,900,756	-	-	13,333,696	-	-	-	-	432,939	12,900,756	-	-	-	Non-ISO
STA. BARBARA S/C	6049		228,433	13,829,758	-	-	14,058,191	-	-	-	-	228,433	13,829,758	-	-	-	Non-ISO
BIG CREEK SERVICE CENTER	6050		6,614	14,412,413	10,040	-	14,429,067	-	-	-	-	6,614	14,412,413	10,040	-	-	Non-ISO
SAN JOAQUIN S/C	6051		688,125	34,474,714	2,491	-	35,165,329	-	-	-	-	688,125	34,474,714	2,491	-	-	Non-ISO
TEHACHAPI NO. REGION KERN	6052		231,685	13,869,062	5,296	-	14,106,044	-	-	-	-	231,685	13,869,062	5,296	-	-	Non-ISO
KERNVILLE S/C SUB-OFFICE	6053		75,599	4,038,213	1,531	-	4,115,342	-	-	-	-	75,599	4,038,213	1,531	-	-	Non-ISO
PORTERVILLE SC	6054		254,802	4,760,013	-	-	5,014,815	-	-	-	-	254,802	4,760,013	-	-	-	Non-ISO
VALENCIA SERVICE CENTER	6059		370,846	7,725,542	10,040	-	8,106,428	-	-	-	-	370,846	7,725,542	10,040	-	-	Non-ISO
CATALINA SERVICE CENTER	6061		69,829	11,365,552	-	-	11,435,382	-	-	-	-	69,829	11,365,552	-	-	-	Non-ISO
Customer Service	6072	CSMR SRVC FAC	129,019	6,150,053	-	-	6,279,072	-	-	-	-	129,019	6,150,053	-	-	-	Non-ISO
HIGH DESERT S/C	6073		951,531	16,916,626	-	-	17,868,158	-	-	-	-	951,531	16,916,626	-	-	-	Non-ISO
MENIFEE S/C	6077		766,364	34,497,388	314,121	-	35,577,874	-	-	-	-	766,364	34,497,388	314,121	-	-	Non-ISO
PALM SPRINGS S/C	6079		1,998,039	20,241,928	9,701	-	22,249,669	-	-	-	-	1,998,039	20,241,928	9,701	-	-	Non-ISO
29 PALMS SERVICE CENTER	6084		170,855	8,293,830	-	-	8,464,686	-	-	-	-	170,855	8,293,830	-	-	-	Non-ISO
BISHOP SERVICE CENTER	6085		131,390	9,621,463	1,050	-	9,753,903	-	-	-	-	131,390	9,621,463	1,050	-	-	Non-ISO
RIDGECREST SERVICE CENTER	6086		532,076	42,950,840	8,700	-	43,491,616	-	-	-	-	532,076	42,950,840	8,700	-	-	Non-ISO
BLYTHE SERVICE CENTER	6087		397,945	22,014,295	-	-	22,412,240	-	-	-	-	397,945	22,014,295	-	-	-	Non-ISO
WILDOMAR SERVICE CENTER	6088		6,366,829	35,308,207	-	-	41,675,035	-	-	-	-	6,366,829	35,308,207	-	-	-	Non-ISO
MOBILE TRANSFORMER -MONTB	6090		-	-	54,470	-	54,470	-	-	-	-	-	-	54,470	-	-	Non-ISO
PRADIER PARK FACILITY	6108		6,195	488,423	-	-	494,618	-	-	-	-	6,195	488,423	-	-	-	Non-ISO
MAMMOTH LAKES SERVICE CTR	6112		80,672	6,597,070	-	-	6,677,742	-	-	-	-	80,672	6,597,070	-	-	-	Non-ISO
29 PALMS LOCAL OFFICE	6113		2,188	161,359	-	-	163,547	-	-	-	-	2,188	161,359	-	-	-	Non-ISO
SANTA ANA CMB FAC-EDBU OF	6114		-	3,502,904	-	-	3,502,904	-	-	-	-	-	3,502,904	-	-	-	Non-ISO
CHINO YARD TRAINING FAC	6115		-	883,254	-	-	883,254	-	-	-	-	-	883,254	-	-	-	Non-ISO
ICHO-EMPIRE LAKES(LEASED)	6213		-	7,318,472	-	-	7,318,472	-	-	-	-	-	7,318,472	-	-	-	Non-ISO
FRESNO COUNTY	7010	33kV & Below	-	-	15,009	-	15,009	-	-	-	-	-	-	15,009	-	-	Non-ISO
INYO COUNTY	7014		-	-	12,826	-	12,826	-	-	-	-	-	-	12,826	-	-	Non-ISO
KERN COUNTY	7015	33kV & Below	-	395,128	102,228	-	497,356	-	-	-	-	-	395,128	102,228	-	-	Non-ISO
KINGS COUNTY	7016	33kV & Below	-	-	12,396	-	12,396	-	-	-	-	-	-	12,396	-	-	Non-ISO
LOS ANGELES COUNTY	7019		-	143,480	-	-	143,480	-	-	-	-	-	143,480	-	-	-	Non-ISO
MONO COUNTY	7026	33kV & Below	-	-	52,402	-	52,402	-	-	-	-	-	-	52,402	-	-	Non-ISO
ORANGE COUNTY	7030		-	-	346,905	7,403,589	7,750,494	-	-	-	-	-	-	346,905	7,403,589	-	Non-ISO
RIVERSIDE COUNTY	7033		-	-	86,770	-	86,770	-	-	-	-	-	-	86,770	-	-	Non-ISO
SAN BERNARDINO COUNTY	7036		-	-	6,817,185	-	6,817,185	-	-	-	-	-	-	6,817,185	-	-	Non-ISO
SANTA BARBARA COUNTY	7042	33kV & Below	-	-	43,385	-	43,385	-	-	-	-	-	-	43,385	-	-	Non-ISO
TULARE COUNTY	7054		368	-	216,437	-	216,805	-	-	-	-	368	-	216,437	-	-	Non-ISO
VENTURA COUNTY	7056	33kV & Below	-	-	130,155	-	130,155	-	-	-	-	-	-	130,155	-	-	Non-ISO
ROADWAY(CEP)	8000	115kV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
PAUBA(CEP) SUB	8003	115kV	-	29,290	-	-	29,290	-	-	-	-	-	29,290	-	-	-	Non-ISO
STADLER(CEP) SUB	8005	115kV	-	10,272	-	-	10,272	-	-	-	-	-	10,272	-	-	-	Non-ISO
THORNHILL(CEP) SUB	8004	115kV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
RIVERTX SUBSTATION	8007	115kV	-	-	16,324	-	-	-	-	-	-	-	-	16,324	-	-	Non-ISO
PHELAN(CEP) SUB	8010	115kV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
BANWIND SUBSTATION	8011	115kV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
APPLE VALLEY(CEP) SUB	8013	115kV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
FARREL(CEP) SUB	8016	115kV	-	21,477	-	-	21,477	-	-	-	-	-	21,477	-	-	-	Non-ISO
CONCHO(CEP) SUB	8017	115kV	-	21,477	-	-	21,477	-	-	-	-	-	21,477	-	-	-	Non-ISO
SAVAGE(CEP) SUB	8020	115kV	-	6,417	334,118	-	340,536	-	-	-	-	-	6,417	334,118	-	-	Non-ISO
PEPPER(CEP) SUB	8021	115kV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
YUCCA(CEP) SUB	8022	115kV	-	-	15,178	-	15,178	-	-	-	-	-	-	15,178	-	-	Non-ISO
ALESSANDRO(CEP) SUB	8024	115kV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
BANNING SUB	8026	115kV	-	21,477	8,546	-	30,022	-	-	-	-	-	21,477	8,546	-	-	Non-ISO
HI DESERT(CEP) SUB	8029	115kV	-	-	7,515	-	7,515	-	-	-	-	-	-	7,515	-	-	Non-ISO
MOUNTAIN PASS(CEP) SUB	8030	115kV	-	5,567	78,759	-	84,326	-	-	-	-	-	5,567	78,759	-	-	Non-ISO
RANDSBURG(CEP) SUB	8031	115kV	-	-	42,906	-	42,906	-	-	-	-	-	-	42,906	-	-	Non-ISO
SEARLES(CEP) SUB	8033	115kV	-	12,120	859,603	-	871,723	-	-	-	-	-	12,120	859,603	-	-	Non-ISO
SANTA ROSA(CEP) SUB	8036	115kV	-	21,477	720,080	-	741,556	-	-	-	-	-	21,477	720,080	-	-	Non-

SOUTHERN CALIFORNIA EDISON COMPANY  
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DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				A/C 360-363 TOTAL	ISO RELATED				NON-ISO RELATED PLANT				ISO/Non-ISO/Mix	High / Low / Straddle Voltage
			A/C 360	A/C 361	A/C 362	A/C 363		A/C 360	A/C 361	A/C 362	A/C 363	A/C 360	A/C 361	A/C 362	A/C 363		
			Land & Land Rights	Structures & Improvements	Station Equipment	Energy Storage Equipment - Distribution		Land & Land Rights	Structures & Improvements	Station Equipment	Energy Storage Equipment - Distribution	Land & Land Rights	Structures & Improvements	Station Equipment	Energy Storage Equipment - Distribution		
ARABY SUB	8106	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
BARSTOW SUB	8110	33kV & Below	1,279	120,084	7,275,506	-	7,396,868	-	-	-	-	1,279	120,084	7,275,506	-	-	Non-ISO
BLTYHE SUB	8113	33kV & Below	4,124	1,181,359	10,235,684	-	11,421,167	-	-	-	-	4,124	1,181,359	10,235,684	-	-	Non-ISO
BRYMAN SUB	8117	33kV & Below	237	36,850	934,437	-	971,525	-	-	-	-	237	36,850	934,437	-	-	Non-ISO
CABAZON SUB	8118	33kV & Below	46,675	208,823	1,955,624	-	2,211,122	-	-	-	-	46,675	208,823	1,955,624	-	-	Non-ISO
CADY SUB	8119	33kV & Below	203	54,480	781,862	-	836,544	-	-	-	-	203	54,480	781,862	-	-	Non-ISO
MILITARY SUB	8120	33kV & Below	-	6,379	648,437	-	654,816	-	-	-	-	-	6,379	648,437	-	-	Non-ISO
CANTIL SUB	8121	33kV & Below	98	-	306,894	-	306,992	-	-	-	-	98	-	306,894	-	-	Non-ISO
CATHEDRAL CITY SUB	8123	33kV & Below	661	4,661	175,258	-	180,580	-	-	-	-	661	4,661	175,258	-	-	Non-ISO
PALM SPRINGS SUB	8124	33kV & Below	3,159	157,115	2,062,978	-	2,223,252	-	-	-	-	3,159	157,115	2,062,978	-	-	Non-ISO
CHASE 2 SUB	8126	33kV & Below	191,176	-	6,479	-	197,655	-	-	-	-	191,176	-	6,479	-	-	Non-ISO
CONVERSE FLATS SUB	8130	33kV & Below	-	52,619	175,813	-	228,432	-	-	-	-	-	52,619	175,813	-	-	Non-ISO
CAL CITY SUB	8132	33kV & Below	29,661	209,895	8,175,616	-	8,415,172	-	-	-	-	29,661	209,895	8,175,616	-	-	Non-ISO
DAGGETT SUB	8133	33kV & Below	259	260,768	57,223	-	318,249	-	-	-	-	259	260,768	57,223	-	-	Non-ISO
DESERT OUTPOST SUB	8136	33kV & Below	10,454	28,924	2,443,977	-	2,483,354	-	-	-	-	10,454	28,924	2,443,977	-	-	Non-ISO
DOWNS SUB	8137	115kV	513,332	227,824	3,520,479	-	4,261,635	-	-	-	-	513,332	227,824	3,520,479	-	-	Non-ISO
FORT IRWIN SUBSTATION	8138	33kV & Below	-	-	80,729	-	80,729	-	-	-	-	-	-	80,729	-	-	Non-ISO
DUNES SUB	8139	33kV & Below	-	20,179	919,727	-	939,906	-	-	-	-	-	20,179	919,727	-	-	Non-ISO
EAST BARSTOW SUB	8140	33kV & Below	1,368	13,557	444,255	-	459,179	-	-	-	-	1,368	13,557	444,255	-	-	Non-ISO
VENT SUB	8141	33kV & Below	-	-	8,593	-	8,593	-	-	-	-	-	-	8,593	-	-	Non-ISO
EDGEMONT SUB	8143	33kV & Below	1,173	-	6,569	-	7,742	-	-	-	-	1,173	-	6,569	-	-	Non-ISO
FOREST HOME SUB	8148	33kV & Below	-	238,196	1,210,857	-	1,449,054	-	-	-	-	-	238,196	1,210,857	-	-	Non-ISO
GEORGE AIR FORCE BASE SUB	8149	33kV & Below	13,868	241	323,010	-	337,118	-	-	-	-	13,868	241	323,010	-	-	Non-ISO
SUNSHINE SWITCHYARD SUB	8150	66kV	-	-	272,705	-	272,705	-	-	-	-	-	-	272,705	-	-	Non-ISO
GLEN AVON SUB	8151	66kV	94,930	838,009	9,555,245	-	10,488,184	-	-	-	-	94,930	838,009	9,555,245	-	-	Non-ISO
GLEN IVY SUB	8152	33kV & Below	2,658	17,740	264,618	-	285,016	-	-	-	-	2,658	17,740	264,618	-	-	Non-ISO
GOLDSTONE SUB	8154	33kV & Below	-	-	188,689	-	188,689	-	-	-	-	-	-	188,689	-	-	Non-ISO
NUGGET SUB	8156	33kV & Below	12,402	726,659	7,509,418	-	8,248,479	-	-	-	-	12,402	726,659	7,509,418	-	-	Non-ISO
EL SOBRANTE SUB	8159	33kV & Below	13,384	1,368,601	7,879,879	-	9,261,863	-	-	-	-	13,384	1,368,601	7,879,879	-	-	Non-ISO
HARPER LAKE SUB	8160	33kV & Below	73	13,909	290,806	-	318,982	-	-	-	-	73	13,909	290,806	-	-	Non-ISO
HARVARD SUB	8161	33kV & Below	854	14,232	290,806	-	305,892	-	-	-	-	854	14,232	290,806	-	-	Non-ISO
DEFRAIN SUB	8162	33kV & Below	9,916	230,032	2,114,819	-	2,354,767	-	-	-	-	9,916	230,032	2,114,819	-	-	Non-ISO
HELENDALE SUB	8163	33kV & Below	277	13,948	2,015,627	-	2,029,852	-	-	-	-	277	13,948	2,015,627	-	-	Non-ISO
HEMET SUB	8164	33kV & Below	2,925	903,532	3,907,875	-	4,814,333	-	-	-	-	2,925	903,532	3,907,875	-	-	Non-ISO
HINKLEY SUB	8167	33kV & Below	286	68,407	2,228,160	-	2,296,854	-	-	-	-	286	68,407	2,228,160	-	-	Non-ISO
IDYLLWILD SUB	8168	33kV & Below	834	35,577	60,664	-	97,075	-	-	-	-	834	35,577	60,664	-	-	Non-ISO
INTOKERN TOWN SUB	8170	33kV & Below	674	76,131	323,541	-	400,345	-	-	-	-	674	76,131	323,541	-	-	Non-ISO
COFFEE SUB	8171	33kV & Below	27,719	371,541	3,128,350	-	3,527,610	-	-	-	-	27,719	371,541	3,128,350	-	-	Non-ISO
JOSHUA TREE SUB	8172	33kV & Below	320	155,741	2,362,188	-	2,518,249	-	-	-	-	320	155,741	2,362,188	-	-	Non-ISO
KEMPSTER SUB	8176	33kV & Below	5,029	1,940	447,306	-	454,276	-	-	-	-	5,029	1,940	447,306	-	-	Non-ISO
LAKEVIEW SUB	8179	115kV	491,100	-	-	-	491,100	-	-	-	-	491,100	-	-	-	-	Non-ISO
MINNEOLA SUB	8190	33kV & Below	198	39,231	1,346,193	-	1,385,623	-	-	-	-	198	39,231	1,346,193	-	-	Non-ISO
FALCON RIDGE SUB	8191	66kV	-	10,848,101	39,439,889	-	50,287,989	-	-	-	-	-	10,848,101	39,439,889	-	-	Non-ISO
MORENO SUB	8193	115kV	4,352	88,391	6,470,141	-	6,562,883	-	-	-	-	4,352	88,391	6,470,141	-	-	Non-ISO
MURRIETA 2 SUB	8195	33kV & Below	550	728,464	3,339,158	-	4,068,172	-	-	-	-	550	728,464	3,339,158	-	-	Non-ISO
MURRIETA SUB	8196	66kV	-	-	2,411,588	-	2,411,588	-	-	-	-	-	-	2,411,588	-	-	Non-ISO
SOUTHCAP SUB	8197	115kV	-	121,569	206,951	-	328,520	-	-	-	-	-	121,569	206,951	-	-	Non-ISO
MUSCOY SUB	8198	33kV & Below	13	66,705	429,665	-	496,384	-	-	-	-	13	66,705	429,665	-	-	Non-ISO
SOUTHDOWN SUBSTATION	8199	115kV	-	34,000	563,604	-	597,604	-	-	-	-	-	34,000	563,604	-	-	Non-ISO
BEIDING SUB	8204	33kV & Below	-	1,145,463	5,682,713	-	6,828,177	-	-	-	-	-	1,145,463	5,682,713	-	-	Non-ISO
NORTH INTAKE SUB	8205	33kV & Below	-	71,001	1,523,996	-	1,594,998	-	-	-	-	-	71,001	1,523,996	-	-	Non-ISO
NORTH MUROC SUB	8206	33kV & Below	130	-	369,005	-	369,135	-	-	-	-	130	-	369,005	-	-	Non-ISO
HOLIDAY SUB	8207	33kV & Below	1,031	114,787	2,796,307	-	2,912,126	-	-	-	-	1,031	114,787	2,796,307	-	-	Non-ISO
NUERO SUB	8209	33kV & Below	879	-	879	-	879	-	-	-	-	879	-	879	-	-	Non-ISO
OLIVE LAKE SUB	8210	33kV & Below	492	23,286	2,948,260	-	2,972,038	-	-	-	-	492	23,286	2,948,260	-	-	Non-ISO
ORDWAY SUB	8211	33kV & Below	626	43,313	2,644,487	-	2,688,427	-	-	-	-	626	43,313	2,644,487	-	-	Non-ISO
ORO GRANDE SUB	8212	33kV & Below	-	93,591	625,107	-	718,698	-	-	-	-	-	93,591	625,107	-	-	Non-ISO
PALM CANYON SUB	8214	33kV & Below	47,783	778,401	3,930,141	-	4,756,325	-	-	-	-	47,783	778,401	3,930,141	-	-	Non-ISO
PALM VILLAGE SUB	8215	33kV & Below	792	576,314	8,509,324	-	9,086,429	-	-	-	-	792	576,314	8,509,324	-	-	Non-ISO
PEARLESS SUB	8216	33kV & Below	-	16,613	414,087	-	430,700	-	-	-	-	-	16,613	414,087	-	-	Non-ISO
GAVILAN SUB	8219	33kV & Below	19,370	383,570	3,527,170	-	3,930,110	-	-	-	-	19,370	383,570	3,527,170	-	-	Non-ISO
LUCERNE SUB	8220	33kV & Below	5,113	200,280	4,497,139	-	4,702,533	-	-	-	-	5,113	200,280	4,497,139	-	-	Non-ISO
RAILROAD CANYON (OLD) SUB	8221	33kV & Below	542	-	-	-	542	-	-	-	-	542	-	-	-	-	Non-ISO
RAINCHO SUB	8222	33kV & Below	18,851	320,232	6,015,695	-	6,354,778	-	-	-	-	18,851	320,232	6,015,695	-	-	Non-ISO
RIALTO SUB	8225	33kV & Below	1,322	1,404,068	2,766,982	-	4,172,371	-	-	-	-	1,322	1,404,068	2,766,982	-	-	Non-ISO
RIDGECREST SUB	8226	33kV & Below	1,642	83,191	431,596	-	516,429	-	-	-	-	1,642	83,191	431,596	-	-	Non-ISO
RIPLEY SUB	8227	33kV & Below	14,356	166,036													



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DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				A/C 360-363 TOTAL	ISO RELATED				NON-ISO RELATED PLANT				A/C 363	ISO/Non-ISO/Mix	High / Low / Straddle Voltage
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 363 Energy Storage Equipment - Distribution			
SEGS III	8321	115kV	-	-	282	-	282	-	-	-	-	-	-	282	-	Non-ISO		
NEWCOMB	8342	115kV	-	-	8,031	-	8,031	-	-	-	-	-	-	8,031	-	Non-ISO		
ELSNORE	8343	115kV	-	-	165,756	-	165,756	-	-	-	-	-	-	165,756	-	Non-ISO		
SOUTH BASE SUB	8344	115kV	-	-	6,599	-	6,599	-	-	-	-	-	-	6,599	-	Non-ISO		
INDIAN WELLS SUB	8345	115kV	-	21,477	5,941	-	27,417	-	-	-	-	-	21,477	5,941	-	Non-ISO		
PECHANGA SUB	8347	115kV	-	-	20,876	-	20,876	-	-	-	-	-	-	20,876	-	Non-ISO		
MORAGA	8348	115kV	2,414	52,480	1,377,728	-	1,432,621	-	-	-	-	2,414	52,480	1,377,728	-	Non-ISO		
COSO SUB	8361	115kV	-	109,790	-	-	109,790	-	-	-	-	-	109,790	-	-	Non-ISO		
MOVAL SUBSTATION	8362	115kV	-	(946)	(13,795)	-	(14,740)	-	-	-	-	-	(946)	(13,795)	-	Non-ISO		
PRMM SUBSTATION	8372	220kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO		
TAYSHILL SUB	8502	66kV	-	2,409	872,660	-	875,069	-	-	-	-	-	2,409	872,660	-	Non-ISO		
GETTY SUB	8503	66kV	-	50,768	250,909	-	301,678	-	-	-	-	-	50,768	250,909	-	Non-ISO		
FRAZIER PARK SUB	8505	66kV	9,273	547,210	2,194,232	-	2,750,715	-	-	-	-	9,273	547,210	2,194,232	-	Non-ISO		
RINGMILL SUB	8507	66kV	-	7,867	379,386	-	419,750	-	-	-	-	-	7,867	379,386	-	Non-ISO		
PHARMACY SUBSTATION	8509	66kV	-	-	1,399,453	-	1,463,381	-	-	-	-	-	63,928	1,399,453	-	Non-ISO		
HAAGEN DAZS SUBSTATION	8510	66kV	-	5,309	341,042	-	346,351	-	-	-	-	-	5,309	341,042	-	Non-ISO		
GLOW SUBSTATION	8511	66kV	-	-	87,986	-	87,986	-	-	-	-	-	-	87,986	-	Non-ISO		
SQUIRREL SUBSTATION	8512	66kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO		
SPARKLE SUBSTATION	8513	66kV	-	-	0	-	0	-	-	-	-	-	-	0	-	Non-ISO		
SERRIFFEN SUBSTATION	8550	66kV	-	2,991	1,448,833	-	1,451,823	-	-	-	-	-	2,991	1,448,833	-	Non-ISO		
ICEGEN SUBSTATION	8553	66kV	-	7,505	72,782	-	80,286	-	-	-	-	-	7,505	72,782	-	Non-ISO		
THREE M SUB	8555	66kV	-	2,628	-	-	2,628	-	-	-	-	-	2,628	-	-	Non-ISO		
NORTHROP SUB	8556	66kV	8,184	33,628	2,389,290	-	2,431,102	-	-	-	-	8,184	33,628	2,389,290	-	Non-ISO		
CARBONIC SUBSTATION	8557	66kV	5,965	19,740	305,634	-	331,339	-	-	-	-	5,965	19,740	305,634	-	Non-ISO		
PLASTER SUBSTATION	8558	66kV	-	22,382	22,709	-	45,091	-	-	-	-	-	22,382	22,709	-	Non-ISO		
VAPOR SUBSTATION	8559	66kV	-	-	128,112	-	128,112	-	-	-	-	-	-	128,112	-	Non-ISO		
CANINE PT	8560	115kV	-	6,221	-	-	6,221	-	-	-	-	-	6,221	-	-	Non-ISO		
NIAGARA SUB	8567	66kV	16,827	480,371	2,518,849	-	3,016,048	-	-	-	-	16,827	480,371	2,518,849	-	Non-ISO		
CRS	8367	500kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO		
RECOVERY SUBSTATION	8801	66kV	-	342,143	4,298,240	-	4,640,384	-	-	-	-	-	342,143	4,298,240	-	Non-ISO		
BREA SUBSTATION	8802	66kV	308,988	501,676	8,854,668	-	9,665,332	-	-	-	-	308,988	501,676	8,854,668	-	Non-ISO		
SAFARI SUBSTATION	8803	66kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO		
LIMESTONE	8804	66kV	60,389	639,921	15,597,365	-	16,297,675	-	-	-	-	60,389	639,921	15,597,365	-	Non-ISO		
CHIP SUB	8805	66kV	-	15,163	309,807	-	324,971	-	-	-	-	-	15,163	309,807	-	Non-ISO		
NORWELD SUBSTATION	8807	66kV	-	17,703	126,572	-	144,275	-	-	-	-	-	17,703	126,572	-	Non-ISO		
TEAM SUBSTATION	8808	66kV	-	63,766	4,375,929	-	4,439,695	-	-	-	-	-	63,766	4,375,929	-	Non-ISO		
ONEIL SUBSTATION	8810	66kV	12,956	811,552	9,114,630	-	9,939,138	-	-	-	-	12,956	811,552	9,114,630	-	Non-ISO		
COYGEN SUBSTATION	8811	66kV	-	21,202	493,799	-	515,001	-	-	-	-	-	21,202	493,799	-	Non-ISO		
ORCOGEN SUBSTATION	8812	66kV	192	10,152	245,775	-	256,118	-	-	-	-	192	10,152	245,775	-	Non-ISO		
SHELL WESTERN(BREA) SUB	8813	66kV	-	6,771	225,535	-	232,306	-	-	-	-	-	6,771	225,535	-	Non-ISO		
JOHNRAI SUBSTATION	8814	66kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO		
UNIVERSITY SUBSTATION	8817	66kV	10,271	2,312	574,396	-	586,978	-	-	-	-	10,271	2,312	574,396	-	Non-ISO		
COMPRESS SUB	8818	66kV	-	34,559	891,285	-	925,844	-	-	-	-	-	34,559	891,285	-	Non-ISO		
WEISSAON SUB	8820	66kV	-	6,863	451,785	-	458,648	-	-	-	-	-	6,863	451,785	-	Non-ISO		
REYNOLDS ALUM SUB	8822	66kV	9,319	-	-	-	9,319	-	-	-	-	9,319	-	-	-	Non-ISO		
TITAN SUBSTATION	8824	66kV	-	3,354	692,173	-	695,527	-	-	-	-	-	3,354	692,173	-	Non-ISO		
FINANCE SUB-METRO RGN	8825	66kV	14,155	-	306,061	-	320,216	-	-	-	-	14,155	-	306,061	-	Non-ISO		
DUCTILE SUBSTATION	8827	66kV	-	12,626	10,128	-	22,754	-	-	-	-	-	12,626	10,128	-	Non-ISO		
ORCOGAN SUB	8829	66kV	-	46,705	722,546	-	769,250	-	-	-	-	-	46,705	722,546	-	Non-ISO		
PIER SUBSTATION	8830	66kV	-	289,008	2,694,865	-	2,983,873	-	-	-	-	-	289,008	2,694,865	-	Non-ISO		
STEVEDORE SUB	8831	66kV	-	72,650	1,069,896	-	1,142,545	-	-	-	-	-	72,650	1,069,896	-	Non-ISO		
SHIP SUBSTATION	8832	66kV	-	153,063	2,974,214	-	3,127,276	-	-	-	-	-	153,063	2,974,214	-	Non-ISO		
WHARF SUBSTATION	8833	66kV	-	331,030	2,099,039	-	2,430,069	-	-	-	-	-	331,030	2,099,039	-	Non-ISO		
PROCESS SUBSTATION	8834	66kV	-	360,469	3,489,223	-	3,849,692	-	-	-	-	-	360,469	3,489,223	-	Non-ISO		
CARNIVAL SUBSTATION	8835	66kV	-	164,802	2,223,621	-	2,388,423	-	-	-	-	-	164,802	2,223,621	-	Non-ISO		
HOLLYWOOD PARK	8836	66kV	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO		
MWD EASTSIDE RES	8956	115kV	-	-	26,094	-	26,094	-	-	-	-	-	-	26,094	-	Non-ISO		
AIRCRAFT OPERATIONS	9030	Div Offices & Mis	-	30,489	-	-	30,489	-	-	-	-	-	30,489	-	-	Non-ISO		
PROPERTY SVCS-GO1	9033	Div Offices & Mis	-	8,380	-	-	8,380	-	-	-	-	-	8,380	-	-	Non-ISO		
TRANS/SUB SUPPORT SERV	9047	Div Offices & Mis	-	-	27,426	-	27,426	-	-	-	-	-	-	27,426	-	Non-ISO		
RP&S- PROPERTY BROKERAGE	9068	Div Offices & Mis	474,634	-	-	-	474,634	-	-	-	-	474,634	-	-	-	Non-ISO		
INFO TECH-GO2	9077	Div Offices & Mis	-	6,299	-	-	6,299	-	-	-	-	-	6,299	-	-	Non-ISO		
IRVINE OPER CENTER	9078	Misc	-	11,760	-	-	11,760	-	-	-	-	-	11,760	-	-	Non-ISO		
TRANS/SUB DIV	9080	Misc	-	39,436	-	-	39,436	-	-	-	-	-	39,436	-	-	Non-ISO		
VENTURA CORP WH	9135	-	-	6,953	-	-	6,953	-	-	-	-	-	6,953	-	-	Non-ISO		
IRWINDALE BUSINESS CENTER	9188	-	-	8,867	-	-	8,867	-	-	-	-	-	8,867	-	-	Non-ISO		
RP&S-LND&SMMT REQUIS	9219	Div Offices & Mis	1,283	-	-	-	1,283	-	-	-	-	1,283	-	-	-	Non-ISO		
PRDP SVCS-SIERRA REGION	9231	Div Offices & Mis	-	9,257	85,363	-	94,620	-	-	-	-	-	9,257	85,363	-	Non-ISO		
RP&S-NORTHSHIRE REC AREA	9235	-	-	75,180	-	-	75,180	-	-	-	-	-	75,180	-	-	Non-ISO		
ALHAMBRA COMBO FACILITY	9297	-	-	514,945	-	-	514,945	-	-	-	-	-	514,945	-	-	Non-ISO		
ALHAMBRA COMM SITE	9300	Misc	-	-	51,730	-	51,730	-	-	-	-	-	-	51,730	-	Non-ISO		
TECOPA PEAK COMM SITE	9304	33kV & Below	-	-	8,044	-	8,044	-	-	-	-	-	-	8,044	-	Non-ISO		
TELCOMM-ALHAMBRA	9310	Misc	89,786	-	-	-	89,786	-	-	-	-	89,786	-	-	-	Non-ISO		
RINCON PK COMM SITE	9387	Misc	-	-	-	-	-	-	-	-	-	-	-	-	-	Non-ISO		
METERING/METROLOGY/ADMIN	9430	Div Offices & Mis	-	10,623	-	-	10,623	-	-	-	-	-	10,623	-	-	Non-ISO		
WESTMINSTER FENWICK BLDG	9440	Div Offices & Mis	-	3,179	-	-	3,179	-	-	-	-	-	3,179	-	-	Non-ISO		
BLACK JACK COMM SITE	9522	-	-	-	3,047	-	3,047	-										